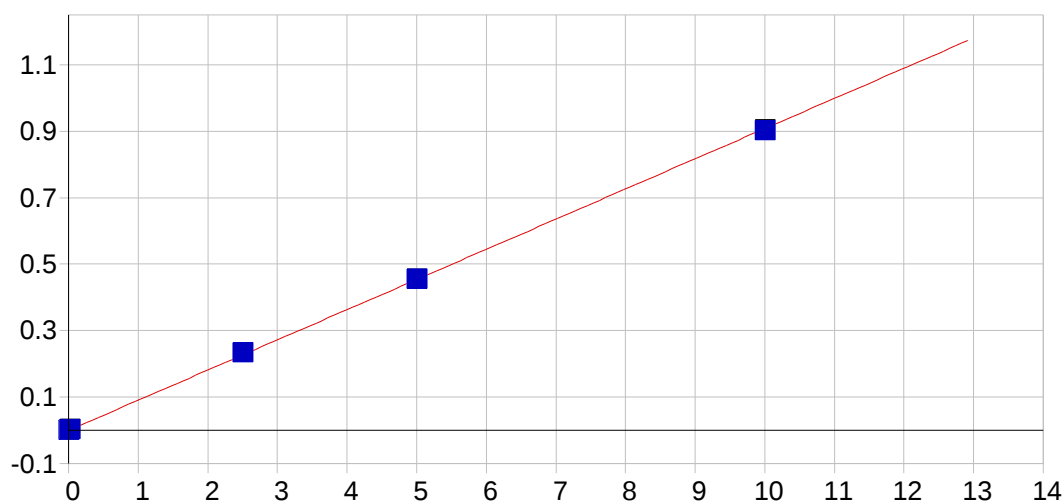




As 189.042 {478}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000373

Re-Slope: 1.000000

A1 (Gain): 0.090834

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999933

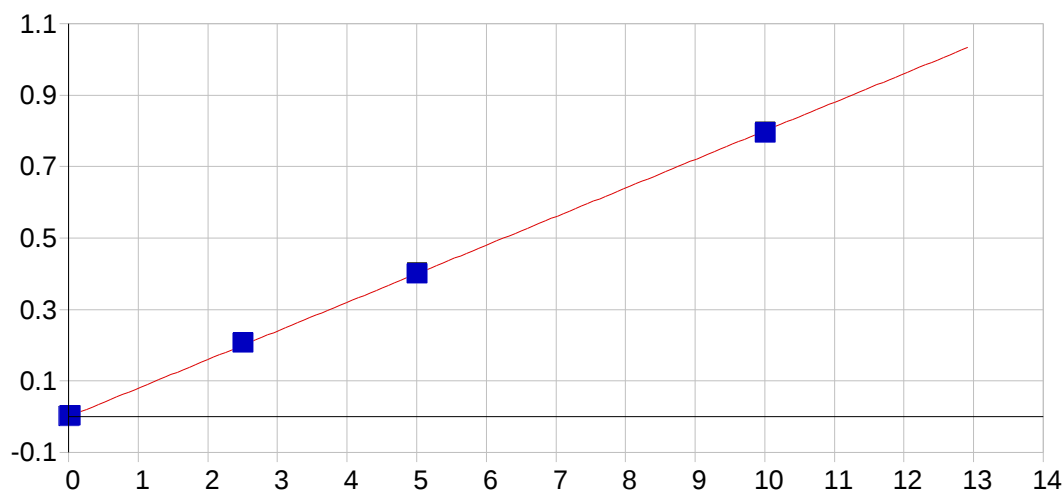
Status: OK.

Std Error of Est: 0.000025

Predicted MDL: 0.002143

Predicted MQL: 0.007144

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.02000	.02062	.001	3.09	.00150	.000	1
S3	2.5000	2.5678	.068	2.71	.23285	.001	1
S4	5.0000	5.0013	.001	.026	.45388	.001	1
S5	10.000	9.9303	-.070	-.697	.90158	.001	1



As 189.042 {479}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

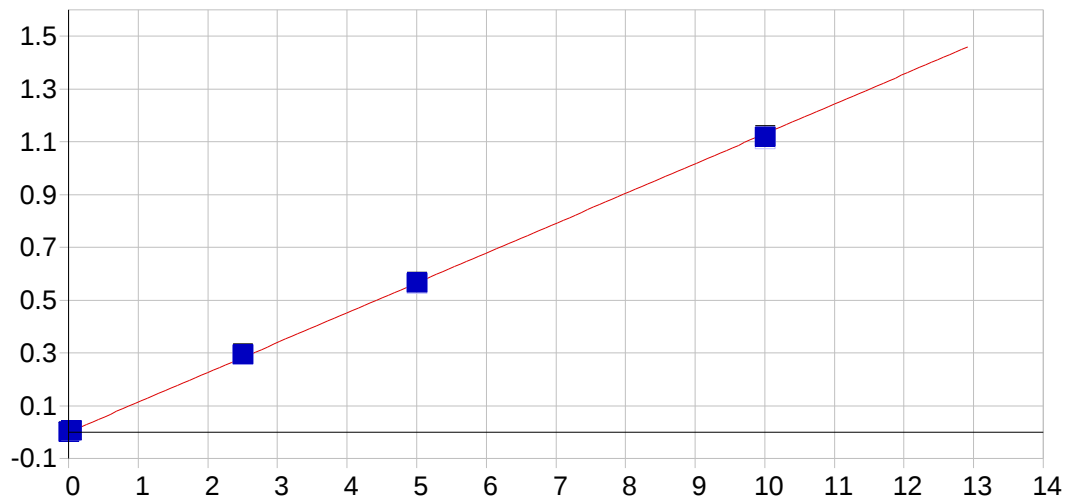
Weighting: 1/Conc

A0 (Offset): -0.000116

Re-Slope: 1.000000

A1 (Gain): 0.080015 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001770
 Predicted MQL: 0.005900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.02000	.01933	-.001	-3.35	.00143	.000	1
S3	2.5000	2.5686	.069	2.74	.20541	.000	1
S4	5.0000	5.0049	.005	.098	.40036	.001	1
S5	10.000	9.9272	-.073	-.728	.79422	.001	1

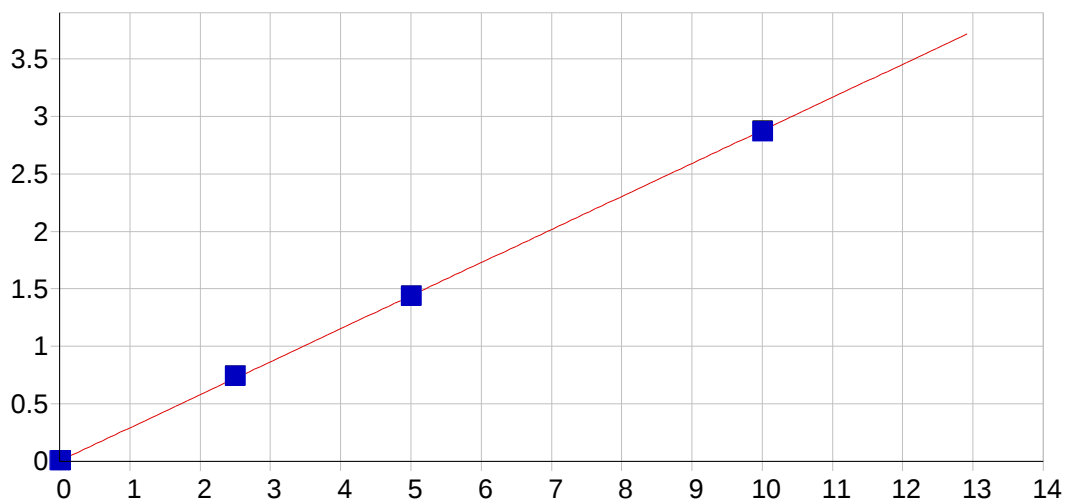


TI 190.856 {477}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.113005 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.001077
 Predicted MQL: 0.003592

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.04000	.04117	.001	2.92	.00446	.000	1
S3	2.5000	2.6003	.100	4.01	.29087	.001	1
S4	5.0000	5.0022	.002	.043	.55940	.002	1
S5	10.000	9.8964	-.104	-1.04	1.1067	.004	1

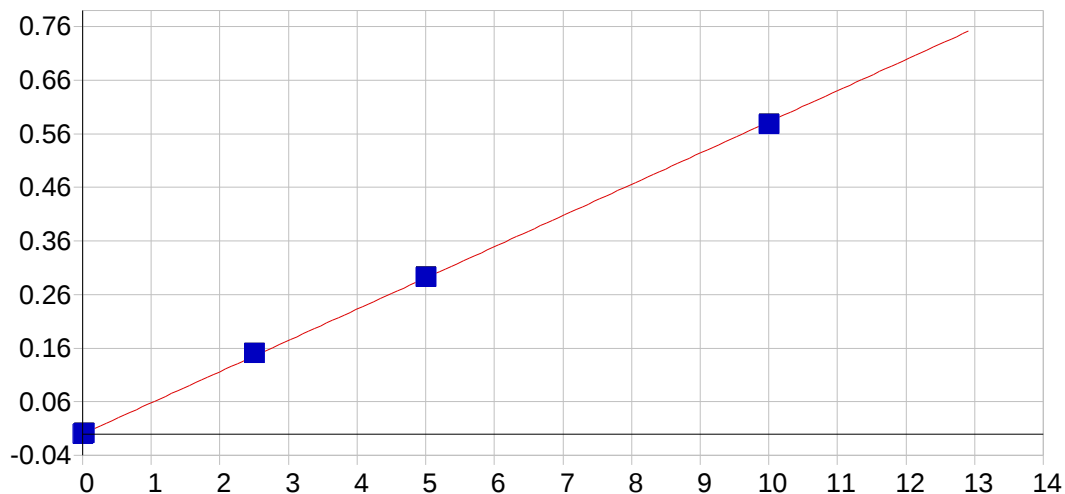


Pb 220.353 (453)

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004220 Re-Slope: 1.000000
 A1 (Gain): 0.287290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.000755
 Predicted MQL: 0.002516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00422	.000	1
S1	.01200	.01269	.001	5.75	.00780	.000	1
S3	2.5000	2.5584	.058	2.34	.73832	.000	1
S4	5.0000	4.9828	-.017	-.344	1.4339	.002	1
S5	10.000	9.9581	-.042	-.419	2.8615	.005	1



Se 196.090 (472)

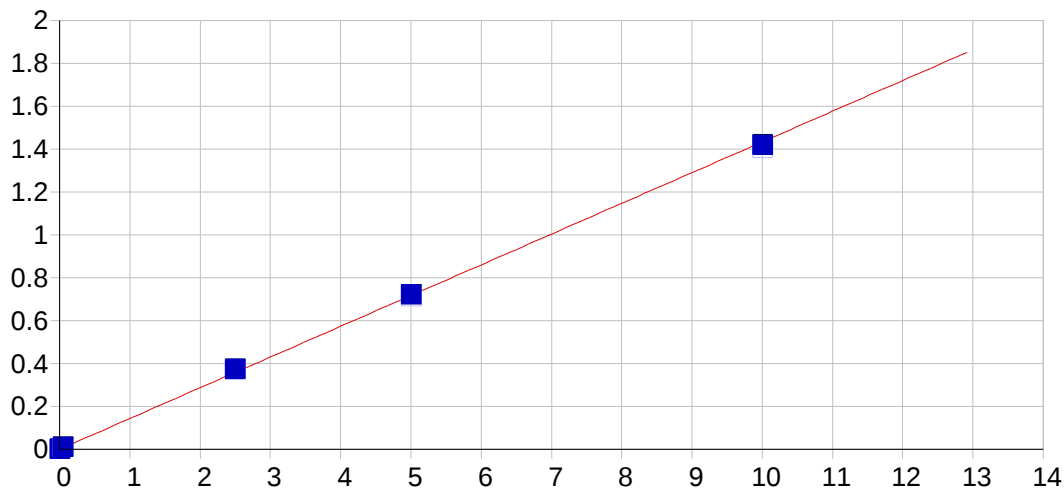
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000272 Re-Slope: 1.000000
 A1 (Gain): 0.058230 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000018
 Predicted MDL: 0.002752
 Predicted MQL: 0.009173

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.02000	.02006	.000	.309	.00090	.000	1
S3	2.5000	2.5721	.072	2.89	.14947	.001	1
S4	5.0000	5.0159	.016	.319	.29174	.001	1
S5	10.000	9.9119	-.088	-.881	.57677	.001	1



Sb 206.833 {463}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

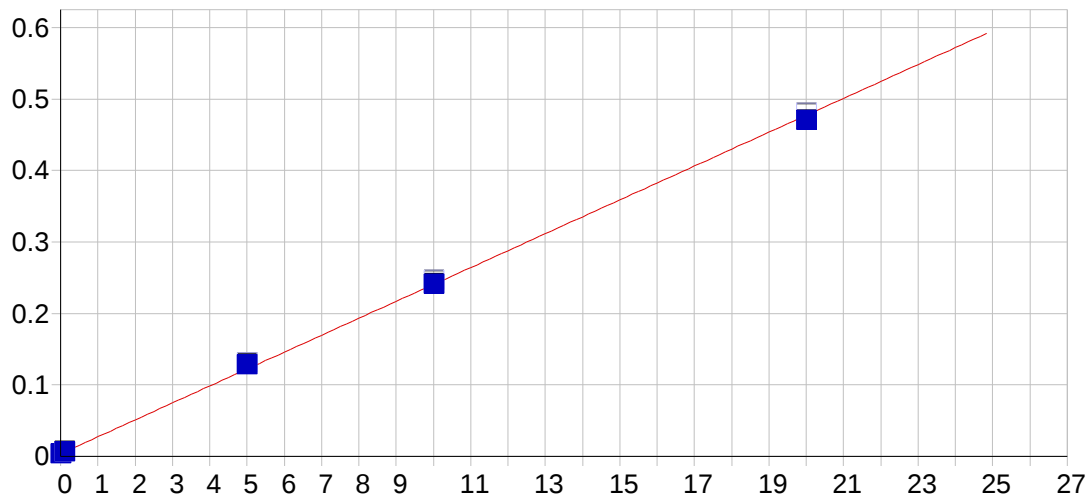
Weighting: 1/Conc

A0 (Offset): 0.000520
 A1 (Gain): 0.143320
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000089
 Predicted MDL: 0.001521
 Predicted MQL: 0.005070

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	.00052	.000	1
S1	.05000	.05281	.003	5.62	.00791	.000	1
S3	2.5000	2.5902	.090	3.61	.36772	.001	1
S4	5.0000	5.0150	.015	.299	.71120	.001	1
S5	10.000	9.8921	-.108	-1.08	1.4021	.003	1

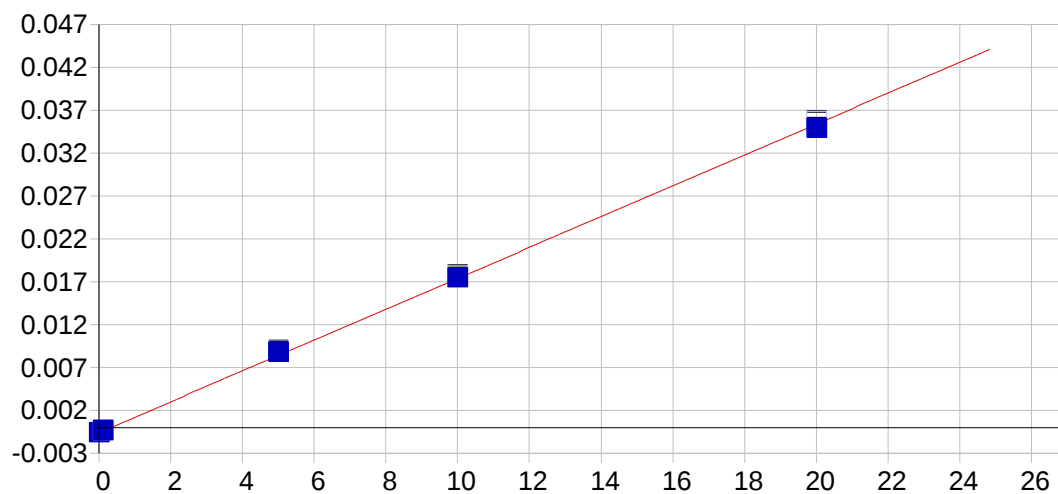


AI 308.215 {109}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003767 Re-Slope: 1.000000
 A1 (Gain): 0.023674 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002758
 Predicted MQL: 0.009195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00377	.000	1
S1	.10000	.11500	.015	15.0	.00665	.000	1
S3	5.0000	5.2494	.249	4.99	.13040	.000	1
S4	10.000	10.034	.034	.337	.24602	.000	1
S5	20.000	19.701	-.299	-1.49	.47961	.000	1



AI 309.271 {109}

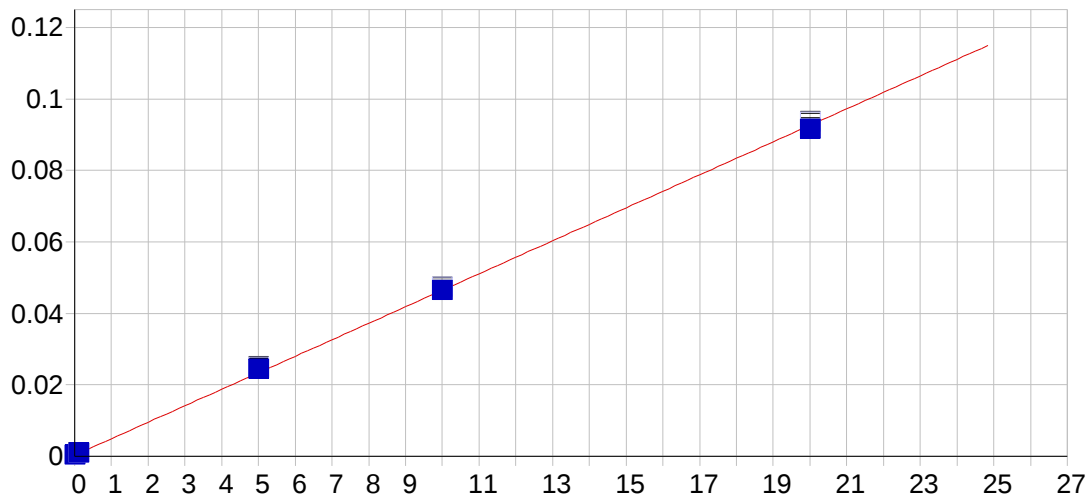
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000593 Re-Slope: 1.000000
 A1 (Gain): 0.001799 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816
 Std Error of Est: 0.000003
 Predicted MDL: 0.028691
 Predicted MQL: 0.095637

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00059	.000	1
S1	.10000	.10709	.007	7.09	-.00039	.000	1
S3	5.0000	5.2229	.223	4.46	.00898	.000	1
S4	10.000	10.015	.015	.151	.01778	.000	1
S5	20.000	19.755	-.245	-1.23	.03566	.000	1



AI 396.152 { 85}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

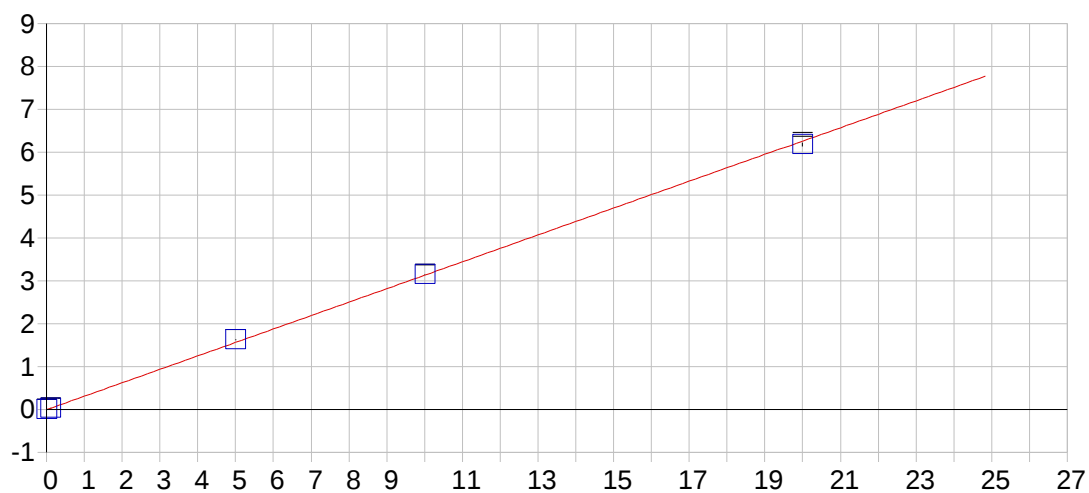
Weighting: 1/Conc

A0 (Offset): 0.000301
 A1 (Gain): 0.004615
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761
 Std Error of Est: 0.000008
 Predicted MDL: 0.016300
 Predicted MQL: 0.054335

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	.00030	.000	1
S1	.10000	.12061	.021	20.6	.00089	.000	1
S3	5.0000	5.2298	.230	4.60	.02490	.000	1
S4	10.000	9.9751	-.025	-.249	.04726	.000	1
S5	20.000	19.773	-.227	-1.13	.09340	.000	1

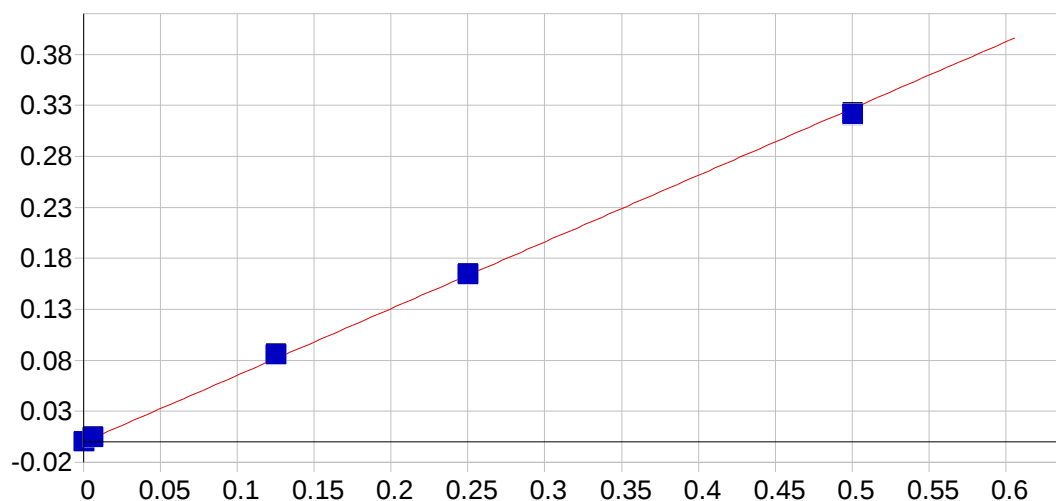


Ba 493.409 { 68}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001127 Re-Slope: 1.000000
 A1 (Gain): 0.313110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000472
 Predicted MDL: 0.000556
 Predicted MQL: 0.001852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00113	.000	1
S1	.10000	.10770	.008	7.70	.03259	.000	1
S3	5.0000	5.2158	.216	4.32	1.6320	.002	1
S5	20.000	19.733	-.267	-1.33	6.1776	.045	1
S4	10.000	10.043	.043	.431	3.1435	.010	1



Be 234.861 {144}

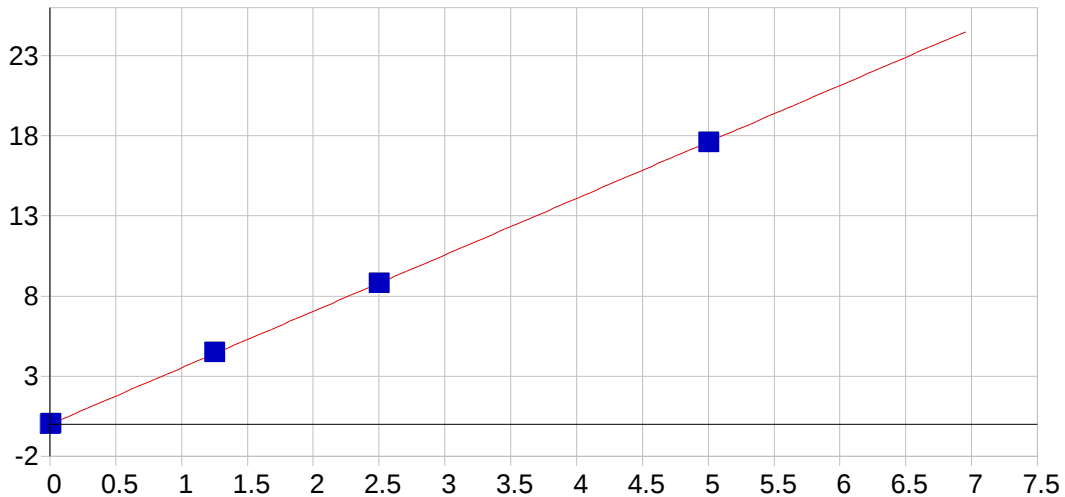
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.654128 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706
 Std Error of Est: 0.000047
 Predicted MDL: 0.000067
 Predicted MQL: 0.000224

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.00600	.00659	.001	9.82	.00415	.000	1
S3	.12500	.13120	.006	4.96	.08519	.000	1
S4	.25000	.25148	.001	.592	.16335	.000	1
S5	.50000	.49173	-.008	-1.65	.31948	.001	1



Cd 226.502 {449}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

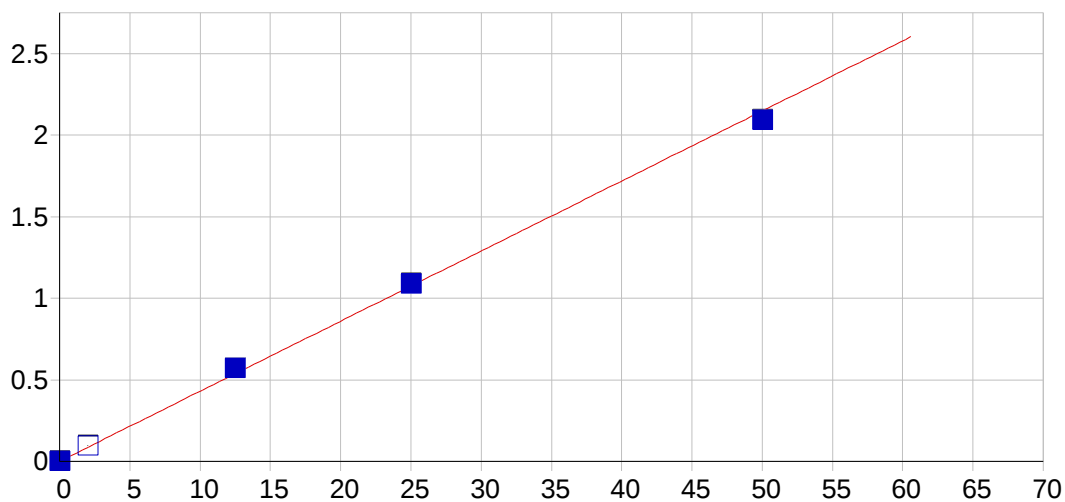
Weighting: 1/Conc

A0 (Offset): -0.003610
 A1 (Gain): 3.524206
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000210
 Predicted MDL: 0.000070
 Predicted MQL: 0.000234

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	-.00361	.000	1
S1	.00600	.00591	-.000	-1.54	.01725	.000	1
S3	1.2500	1.2691	.019	1.52	4.4698	.009	1
S4	2.5000	2.4888	-.011	-.448	8.7694	.011	1
S5	5.0000	4.9922	-.008	-.155	17.594	.024	1

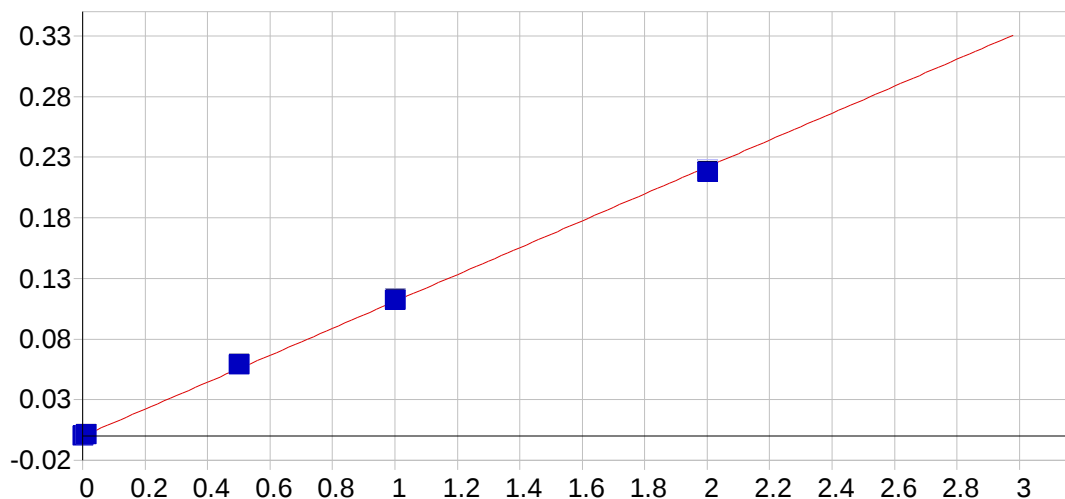


Ca 373.690 { 90}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000514 Re-Slope: 1.000000
 A1 (Gain): 0.042950 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999385 Status: OK.
 Std Error of Est: 0.000823
 Predicted MDL: 0.016815
 Predicted MQL: 0.056049

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2178	.218	10.9	.09577	.001	1
S0	.00000	-.00031	-.000	.000	.00050	.000	1
S3	12.500	13.275	.775	6.20	.57097	.003	1
S4	25.000	25.318	.318	1.27	1.0885	.003	1
S5	50.000	48.689	-1.31	-2.62	2.0929	.002	1



Cr 267.716 {126}

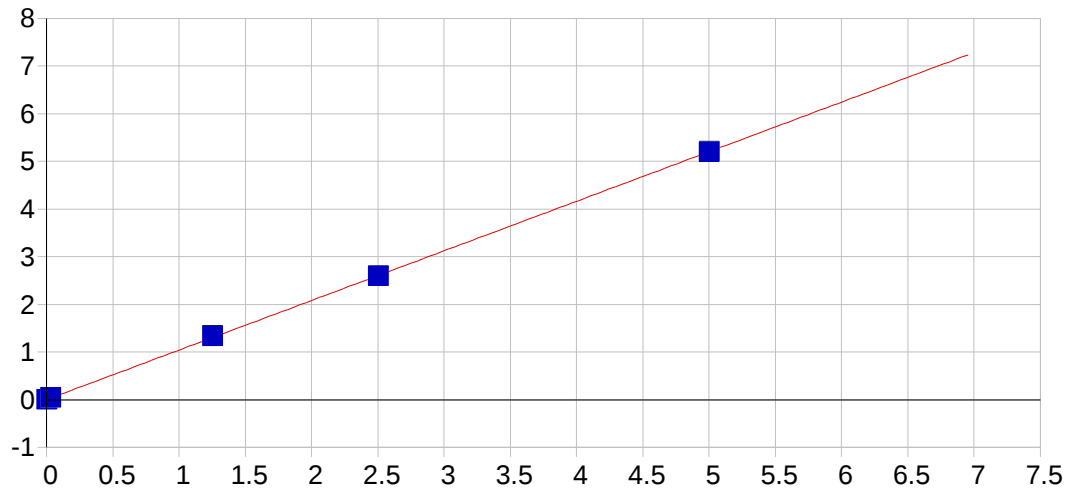
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.110964 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999664
 Std Error of Est: 0.000022
 Predicted MDL: 0.000477
 Predicted MQL: 0.001591

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01084	.001	8.41	.00122	.000	1
S3	.50000	.52779	.028	5.56	.05901	.000	1
S4	1.0000	1.0089	.009	.885	.11283	.000	1
S5	2.0000	1.9625	-.037	-1.87	.21952	.000	1



Co 228.616 {447}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

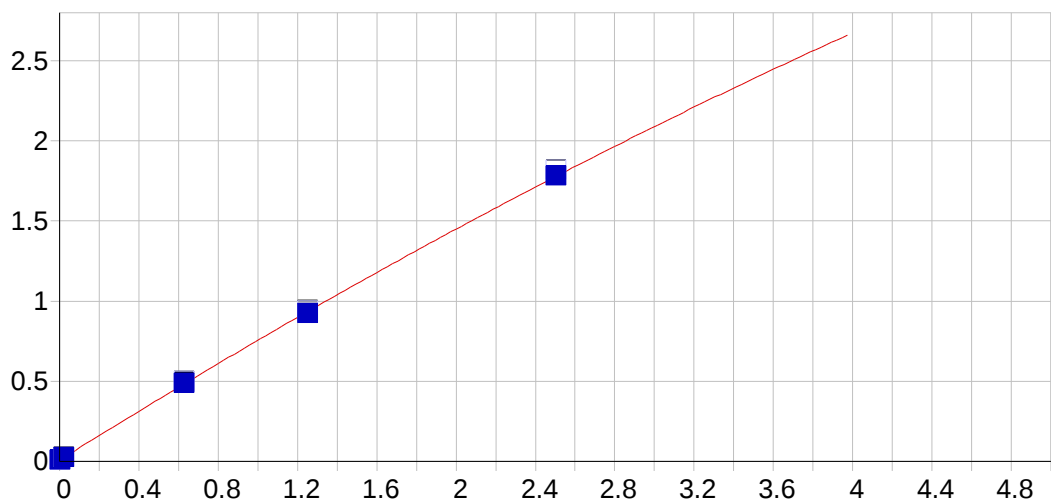
Weighting: 1/Conc

A0 (Offset): -0.000350
 A1 (Gain): 1.041068
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000193
 Predicted MDL: 0.000196
 Predicted MQL: 0.000653

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	-.00035	.000	1
S1	.03000	.02985	-.000	-.498	.03052	.000	1
S3	1.2500	1.2767	.027	2.14	1.3298	.003	1
S4	2.5000	2.4846	-.015	-.615	2.5884	.003	1
S5	5.0000	4.9888	-.011	-.223	5.1974	.010	1

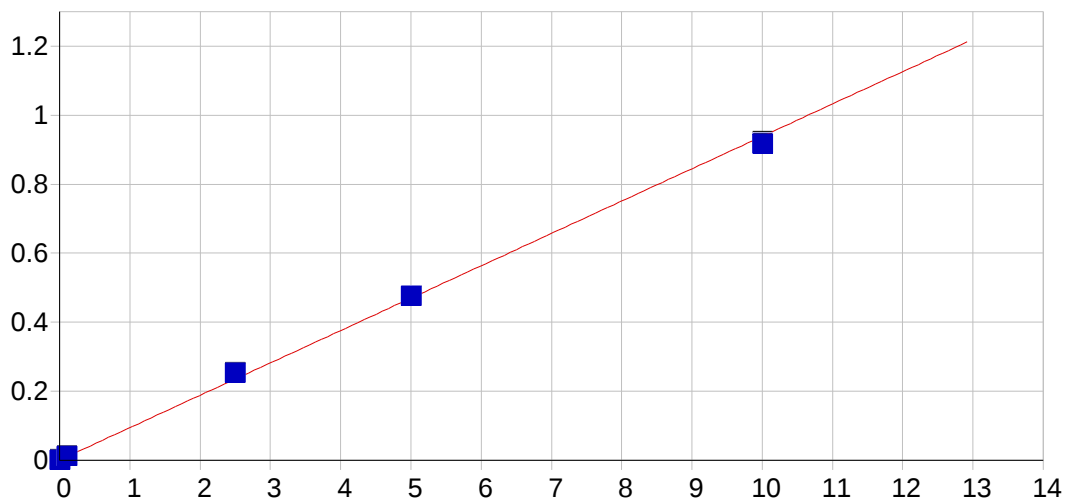


Cu 224.700 {450}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.007548 Re-Slope: 1.000000
 A1 (Gain): 0.775369 Y-int: 0.000000
 A2 (Curvature): -0.027128
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.000362
 Predicted MQL: 0.001208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00755	.000	1
S1	.02000	.02104	.001	5.20	.02414	.000	1
S3	.62500	.63496	.010	1.59	.49813	.001	1
S4	1.2500	1.2321	-.018	-1.43	.94007	.002	1
S5	2.5000	2.5070	.007	.281	1.8177	.001	1



Fe 240.488 {140}

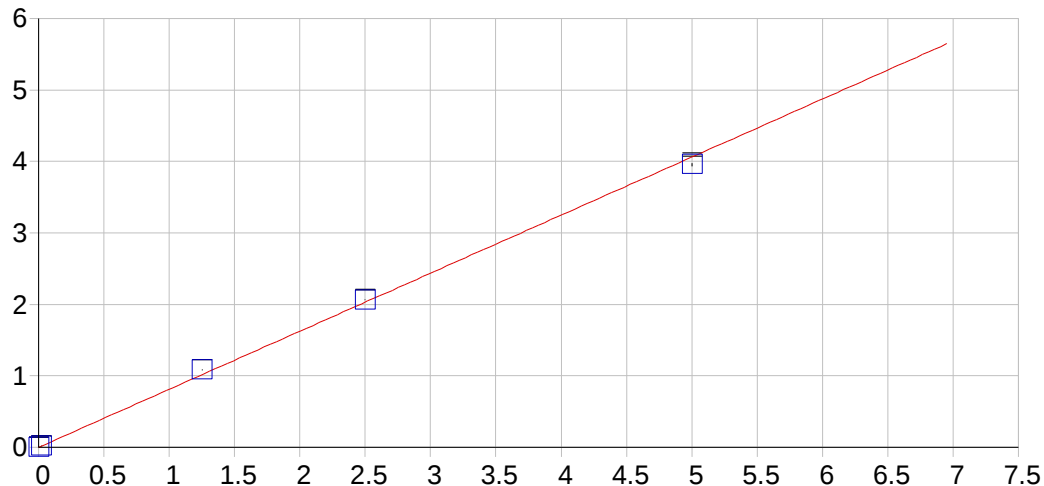
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000923 Re-Slope: 1.000000
 A1 (Gain): 0.093787 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999457
 Std Error of Est: 0.000168
 Predicted MDL: 0.000563
 Predicted MQL: 0.001878

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00092	.000	1
S1	.10000	.10909	.009	9.09	.01120	.000	1
S3	2.5000	2.6774	.177	7.09	.25290	.001	1
S4	5.0000	5.0467	.047	.933	.47599	.001	1
S5	10.000	9.7669	-.233	-2.33	.92043	.003	1



Mn 257.610 {131}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

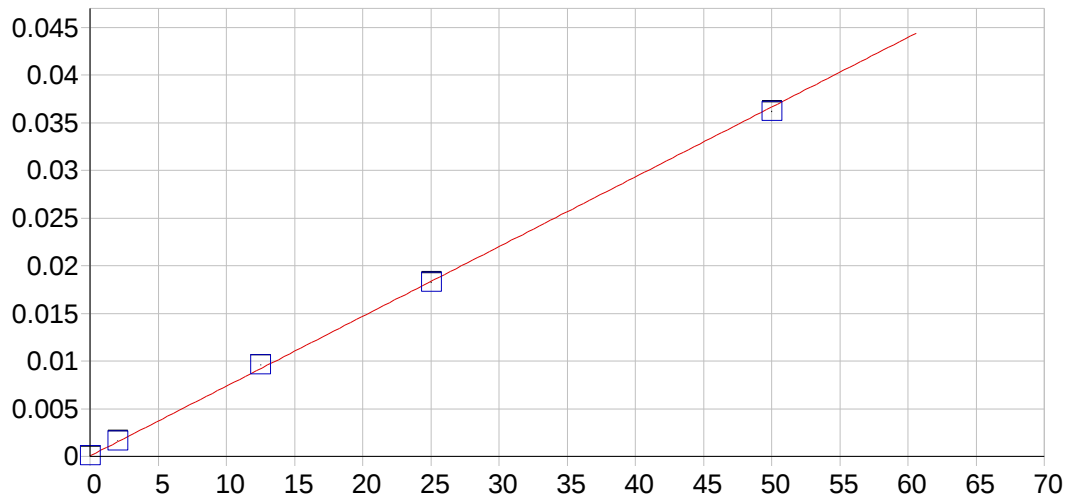
Weighting: 1/Conc

A0 (Offset): 0.000057
 A1 (Gain): 0.812183
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999418
 Std Error of Est: 0.000474
 Predicted MDL: 0.000063
 Predicted MQL: 0.000212

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	.00005	.000	1
S1	.02000	.02320	.003	16.0	.01890	.000	1
S3	1.2500	1.3357	.086	6.86	1.0849	.000	1
S4	2.5000	2.5383	.038	1.53	2.0616	.003	1
S5	5.0000	4.8728	-.127	-2.54	3.9577	.022	1

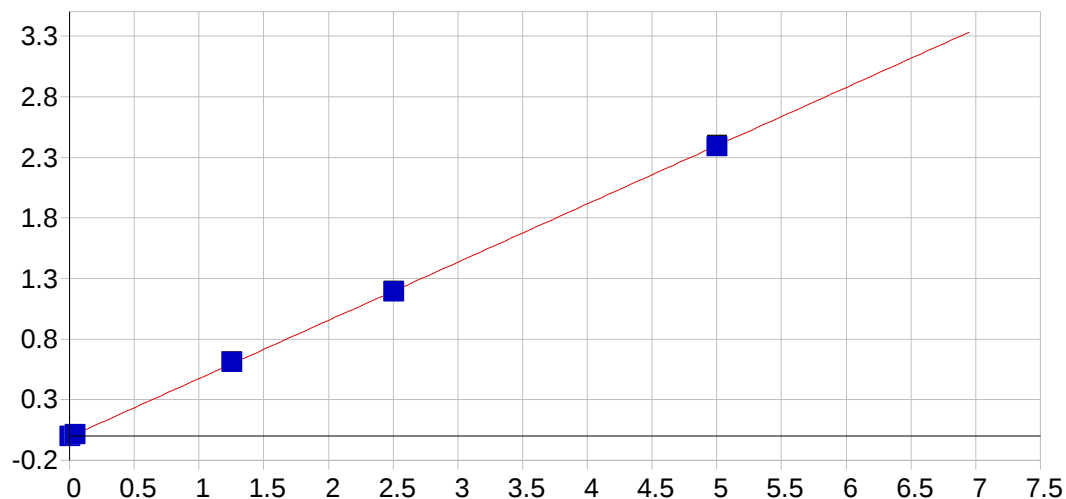


Mg 279.079 {121}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.000732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.035979
 Predicted MQL: 0.119930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1498	.150	7.49	.00162	.000	1
S0	.00000	-.00021	-.000	.000	.00005	.000	1
S3	12.500	13.048	.548	4.39	.00960	.000	1
S4	25.000	24.908	-.092	-.367	.01828	.000	1
S5	50.000	49.394	-.606	-1.21	.03620	.000	1



Ni 231.604 {445}

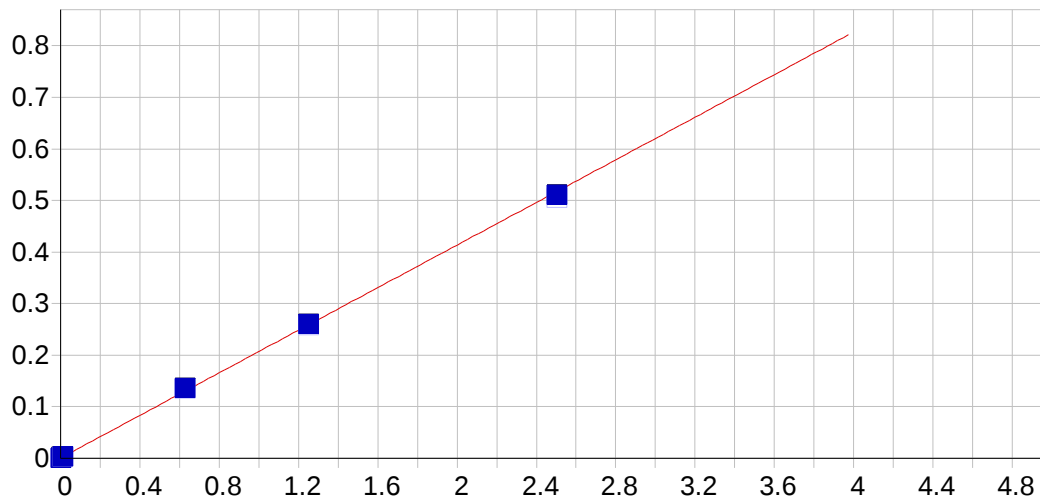
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006346 Re-Slope: 1.000000
 A1 (Gain): 0.480629 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000119
 Predicted MDL: 0.000399
 Predicted MQL: 0.001329

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00635	.000	1
S1	.04000	.04041	.000	1.02	.01309	.000	1
S3	1.2500	1.2813	.031	2.50	.61012	.002	1
S4	2.5000	2.4887	-.011	-.453	1.1911	.001	1
S5	5.0000	4.9797	-.020	-.407	2.3896	.007	1



Ag 328.068 {103}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

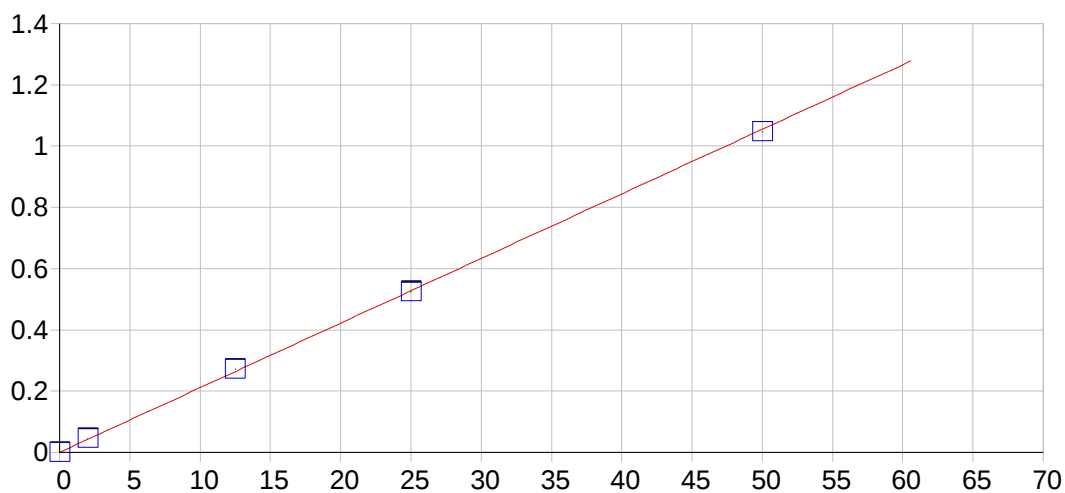
Weighting: 1/Conc

A0 (Offset): 0.000580
 A1 (Gain): 0.206507
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.000035
 Predicted MDL: 0.000485
 Predicted MQL: 0.001618

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	.00058	.000	1
S1	.01000	.01108	.001	10.8	.00283	.000	1
S3	.62500	.65257	.028	4.41	.13388	.000	1
S4	1.2500	1.2532	.003	.259	.25646	.000	1
S5	2.5000	2.4681	-.032	-1.27	.50441	.000	1

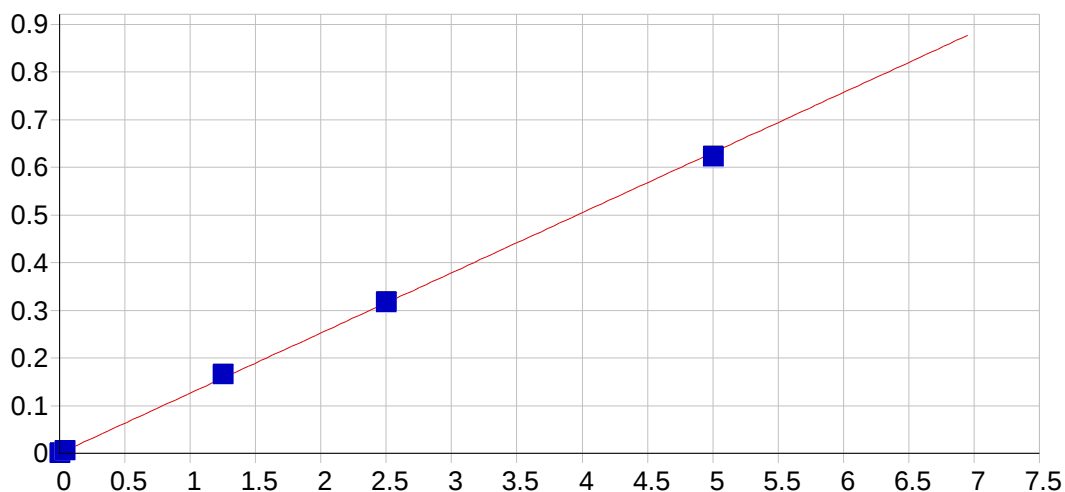


Na 589.592 { 57}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000400 Re-Slope: 1.000000
 A1 (Gain): 0.021088 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.009300
 Predicted MQL: 0.031002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1114	.111	5.57	.04493	.000	1
S0	.00000	-.00015	-.000	.000	.00040	.000	1
S3	12.500	12.877	.377	3.02	.27195	.000	1
S4	25.000	24.858	-.142	-.568	.52460	.002	1
S5	50.000	49.653	-.347	-.693	1.0475	.000	1



V 292.402 {115}

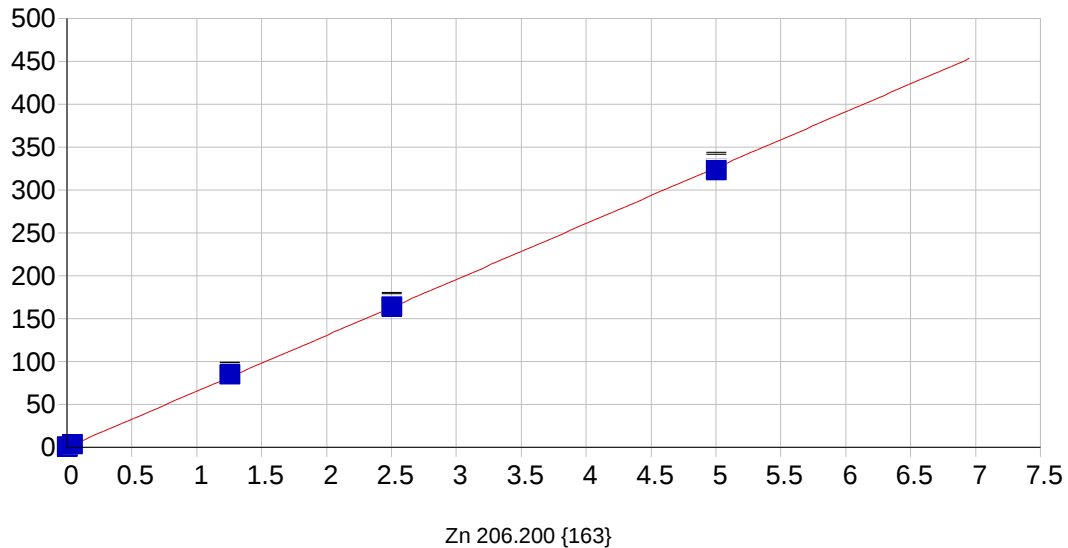
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.126102 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999765
 Std Error of Est: 0.000066
 Predicted MDL: 0.000480
 Predicted MQL: 0.001599

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.04000	.04246	.002	6.15	.00544	.000	1
S3	1.2500	1.3097	.060	4.77	.16429	.000	1
S4	2.5000	2.5101	.010	.405	.31464	.000	1
S5	5.0000	4.9278	-.072	-1.44	.61745	.002	1



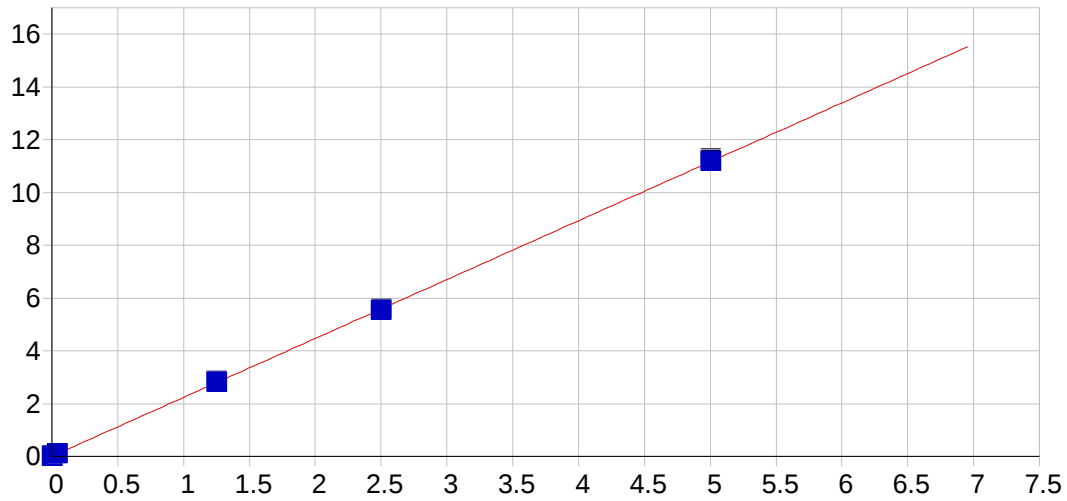
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.172552
 A1 (Gain): 65.178228
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.025992
 Predicted MDL: 0.000275
 Predicted MQL: 0.000915

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	.17229	.028	1
S1	.04000	.04295	.003	7.37	2.9888	.010	1
S3	1.2500	1.2948	.045	3.58	85.059	2.02	1
S4	2.5000	2.5049	.005	.196	164.42	4.09	1
S5	5.0000	4.9473	-.053	-1.05	324.60	7.38	1

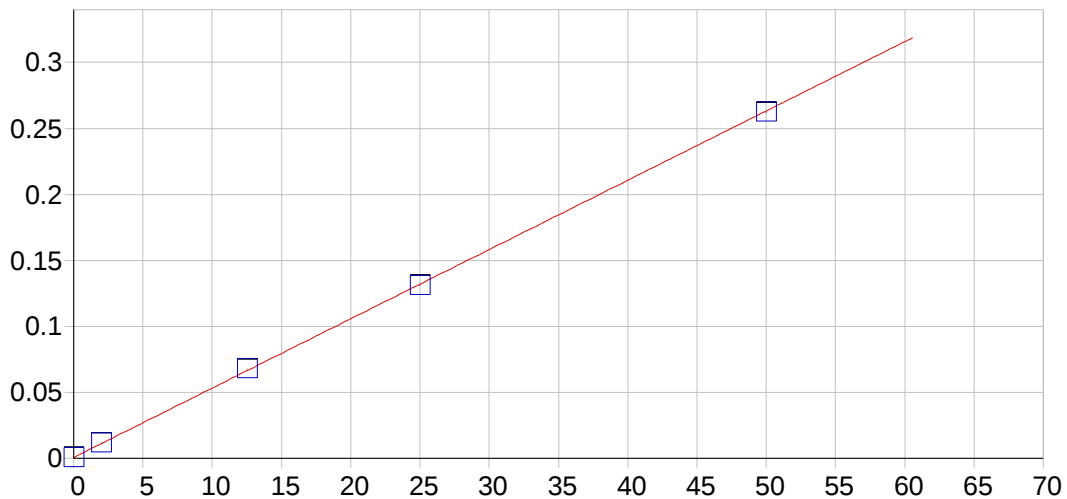


Zn 213.856 {458}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003982 Re-Slope: 1.000000
 A1 (Gain): 2.231564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000329
 Predicted MDL: 0.000078
 Predicted MQL: 0.000261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00398	.000	1
S1	.04000	.03903	-.001	-2.43	.09170	.000	1
S3	1.2500	1.2611	.011	.889	2.8360	.005	1
S4	2.5000	2.4788	-.021	-.849	5.5711	.006	1
S5	5.0000	5.0111	.011	.222	11.258	.019	1



K 766.490 {44}

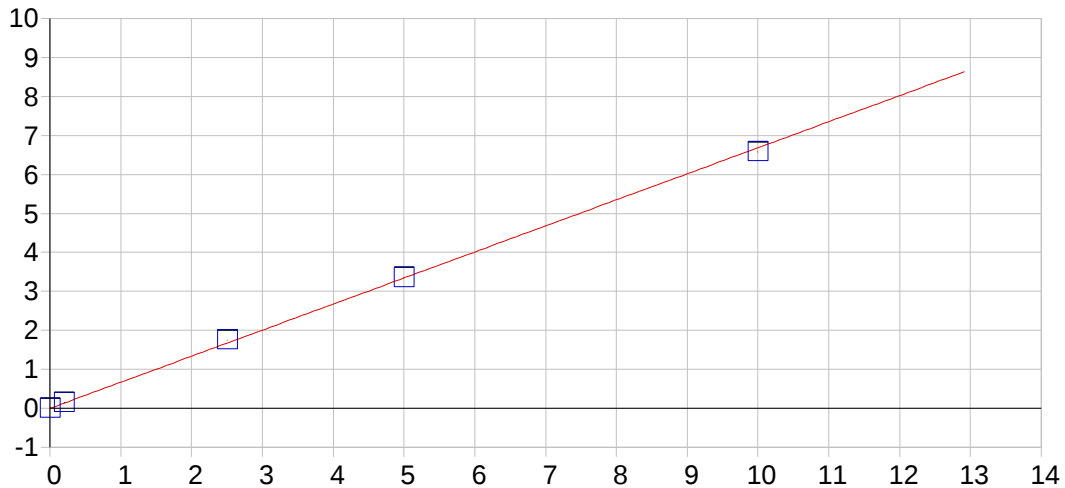
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000688 Re-Slope: 1.000000
 A1 (Gain): 0.005251 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000033
 Predicted MDL: 0.035187
 Predicted MQL: 0.117291

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0912	.091	4.56	.01167	.000	1
S0	.00000	-.00011	-.000	.000	.00069	.000	1
S3	12.500	12.768	.268	2.14	.06773	.000	1
S4	25.000	24.819	-.181	-.723	.13102	.000	1
S5	50.000	49.822	-.178	-.357	.26231	.000	1



Mo 202.030 {467}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

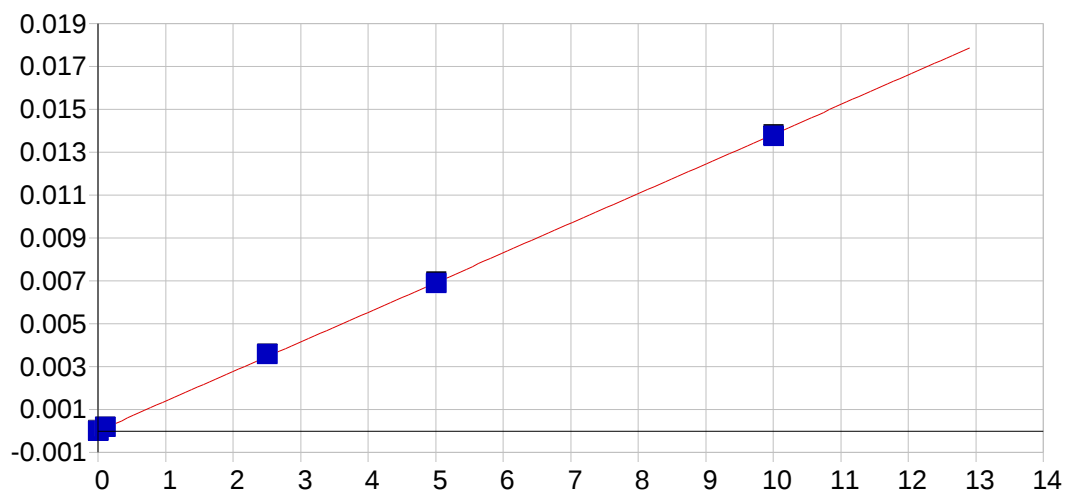
Weighting: 1/Conc

A0 (Offset): -0.000063
 A1 (Gain): 0.668502
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712
 Std Error of Est: 0.001232
 Predicted MDL: 0.000265
 Predicted MQL: 0.000882

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00008	.000	1
S1	.20000	.21872	.019	9.36	.14615	.000	1
S3	2.5000	2.6196	.120	4.78	1.7511	.003	1
S4	5.0000	5.0233	.023	.466	3.3580	.002	1
S5	10.000	9.8384	-.162	-1.62	6.5769	.005	1

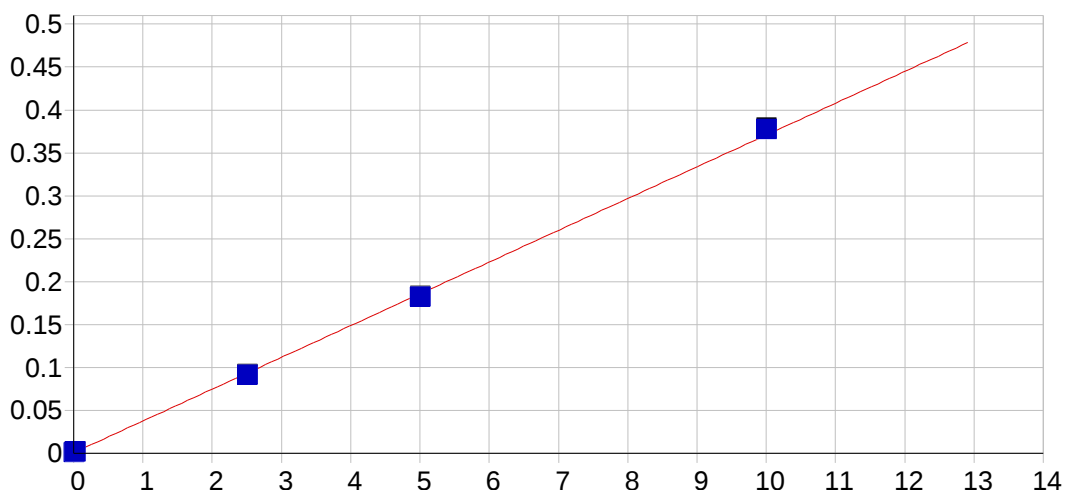


B 249.678 {135}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.001383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.012383
 Predicted MQL: 0.041276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00000	.000	1
S1	.10000	.11409	.014	14.1	.00016	.000	1
S3	2.5000	2.5735	.074	2.94	.00355	.000	1
S4	5.0000	4.9706	-.029	-.587	.00686	.000	1
S5	10.000	9.9418	-.058	-.582	.01372	.000	1



S 182.034 {485}

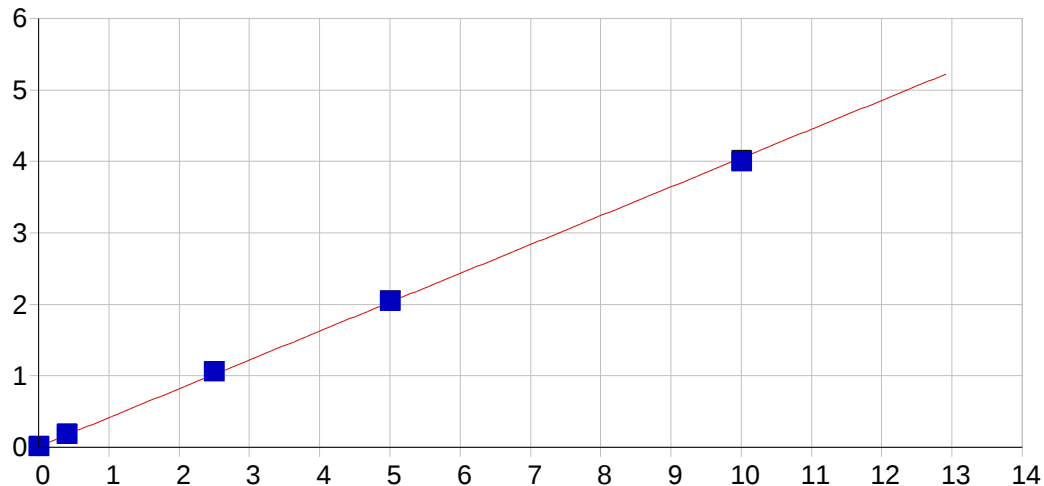
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000704 Re-Slope: 1.000000
 A1 (Gain): 0.037011 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788
 Std Error of Est: 0.000018
 Predicted MDL: 0.002557
 Predicted MQL: 0.008522

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00070	.000	1
S1	.02000	.01533	-.005	-23.3	.00125	.000	1
S3	2.5000	2.4416	-.058	-2.34	.09097	.000	1
S4	5.0000	4.8960	-.104	-2.08	.18170	.001	1
S5	10.000	10.167	.167	1.67	.37658	.002	1



Si 288.158 {117}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

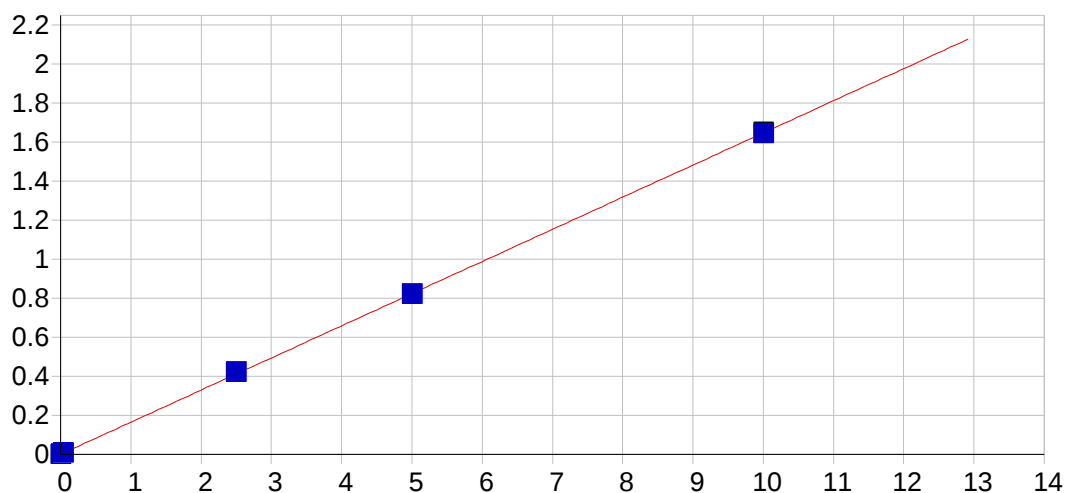
Weighting: 1/Conc

A0 (Offset): 0.011753
 A1 (Gain): 0.403580
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000727
 Predicted MDL: 0.002165
 Predicted MQL: 0.007218

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01174	.000	1
S1	.40000	.41751	.018	4.38	.18012	.001	1
S3	2.5000	2.5782	.078	3.13	1.0517	.003	1
S4	5.0000	5.0274	.027	.548	2.0396	.009	1
S5	10.000	9.8769	-.123	-1.23	3.9957	.012	1

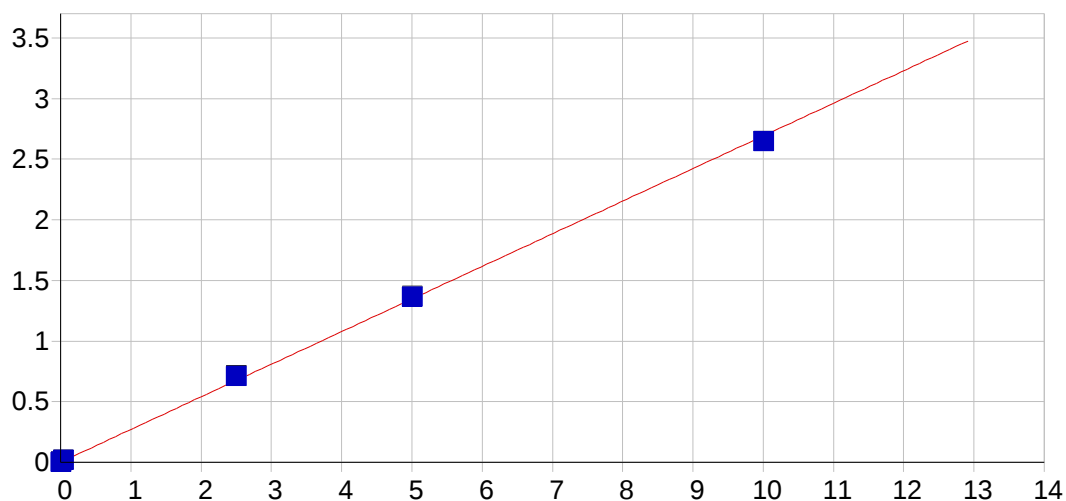


Sn 189.989 {477}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000311 Re-Slope: 1.000000
 A1 (Gain): 0.164721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.000602
 Predicted MQL: 0.002006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.000	1
S1	.04000	.04015	.000	.370	.00692	.000	1
S3	2.5000	2.5540	.054	2.16	.42108	.002	1
S4	5.0000	4.9675	-.032	-.650	.81870	.004	1
S5	10.000	9.9784	-.022	-.216	1.6442	.004	1



Ti 336.121 {100}

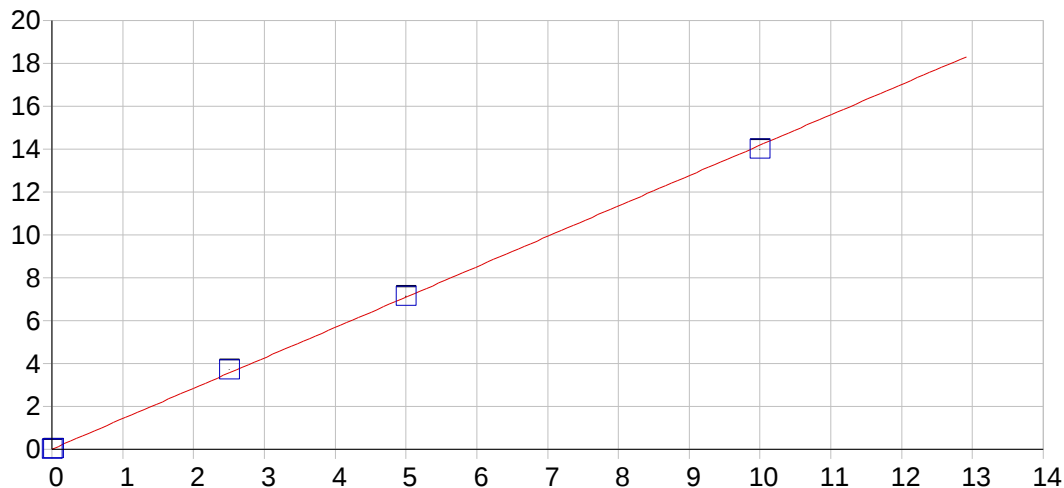
Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001863 Re-Slope: 1.000000
 A1 (Gain): 0.269005 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705
 Std Error of Est: 0.000223
 Predicted MDL: 0.001909
 Predicted MQL: 0.006363

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00186	.000	1
S1	.04000	.04312	.003	7.80	.01346	.000	1
S3	2.5000	2.6238	.124	4.95	.70759	.004	1
S4	5.0000	5.0560	.056	1.12	1.3618	.003	1
S5	10.000	9.8171	-.183	-1.83	2.6424	.001	1



Li 670.784 { 50}

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

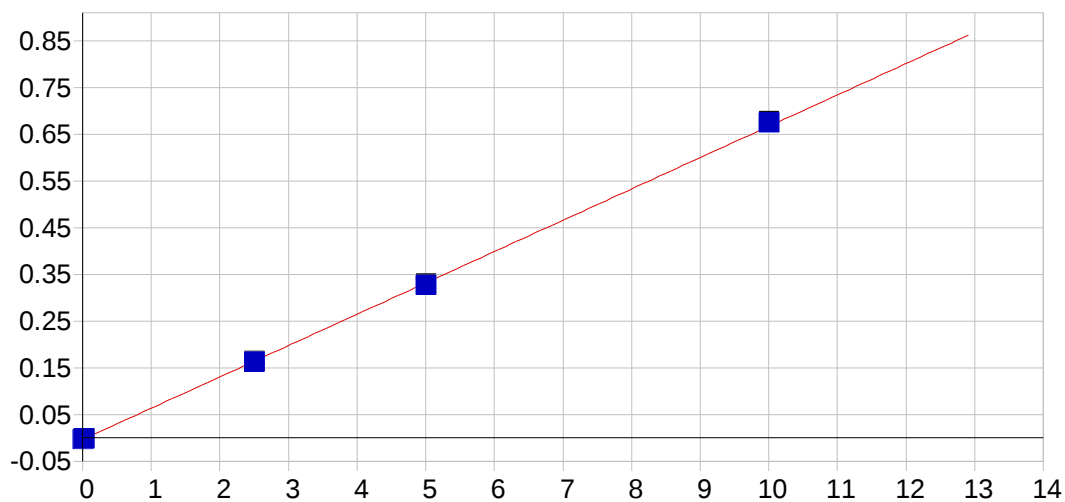
Weighting: 1/Conc

A0 (Offset): 0.010948
 A1 (Gain): 1.417324
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795
 Std Error of Est: 0.000693
 Predicted MDL: 0.001620
 Predicted MQL: 0.005399

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	.01095	.002	1
S1	.02000	.02065	.001	3.23	.04021	.001	1
S3	2.5000	2.6123	.112	4.49	3.7135	.015	1
S4	5.0000	5.0270	.027	.540	7.1358	.031	1
S5	10.000	9.8600	-.140	-1.40	13.986	.025	1



P 177.495 {490}

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003258 Re-Slope: 1.000000
 A1 (Gain): 0.067032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.001458
 Predicted MQL: 0.004860

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00326	.000	1
S1	.02000	.01729	-.003	-13.6	-.00210	.000	1
S3	2.5000	2.4714	-.029	-1.14	.16216	.002	1
S4	5.0000	4.9311	-.069	-1.38	.32680	.002	1
S5	10.000	10.100	.100	1.00	.67280	.003	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

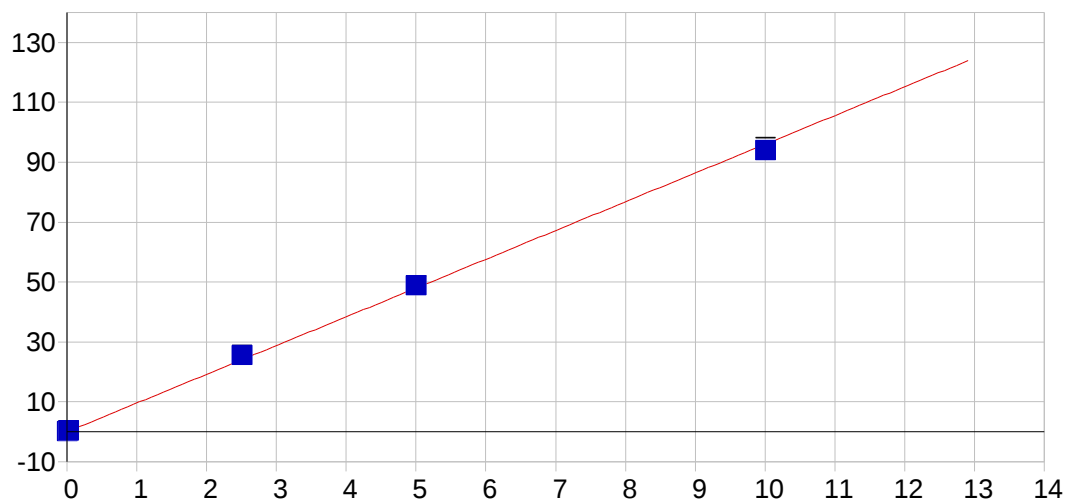
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 4/12/2019 17:59:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002377

Re-Slope: 1.000000

A1 (Gain): 9.601025

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999572

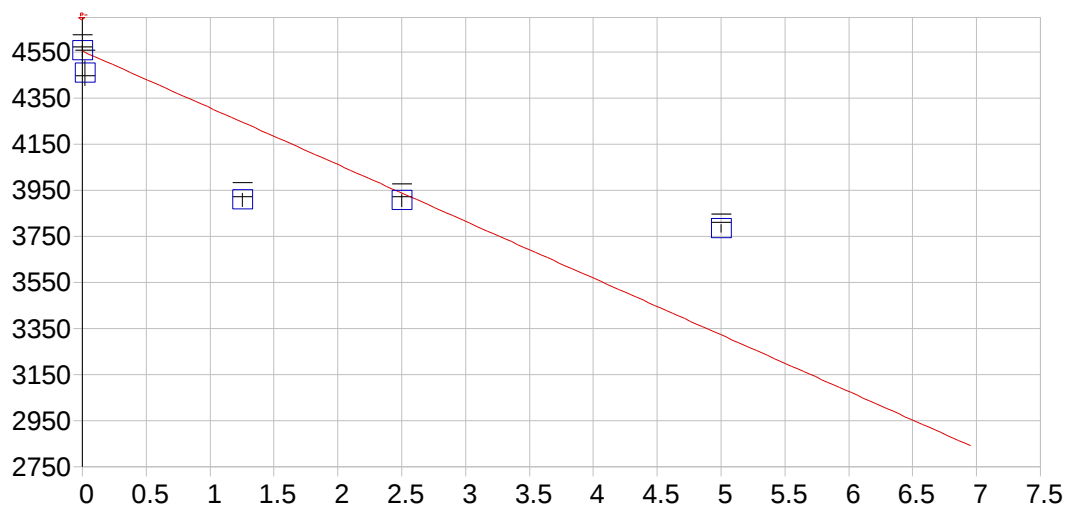
Status: OK.

Std Error of Est: 0.006794

Predicted MDL: 0.000103

Predicted MQL: 0.000345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00240	.001	1
S1	.02000	.02176	.002	8.80	.20761	.001	1
S3	2.5000	2.6495	.149	5.98	25.462	.099	1
S4	5.0000	5.0710	.071	1.42	48.737	.096	1
S5	10.000	9.7778	-.222	-2.22	93.980	.915	1

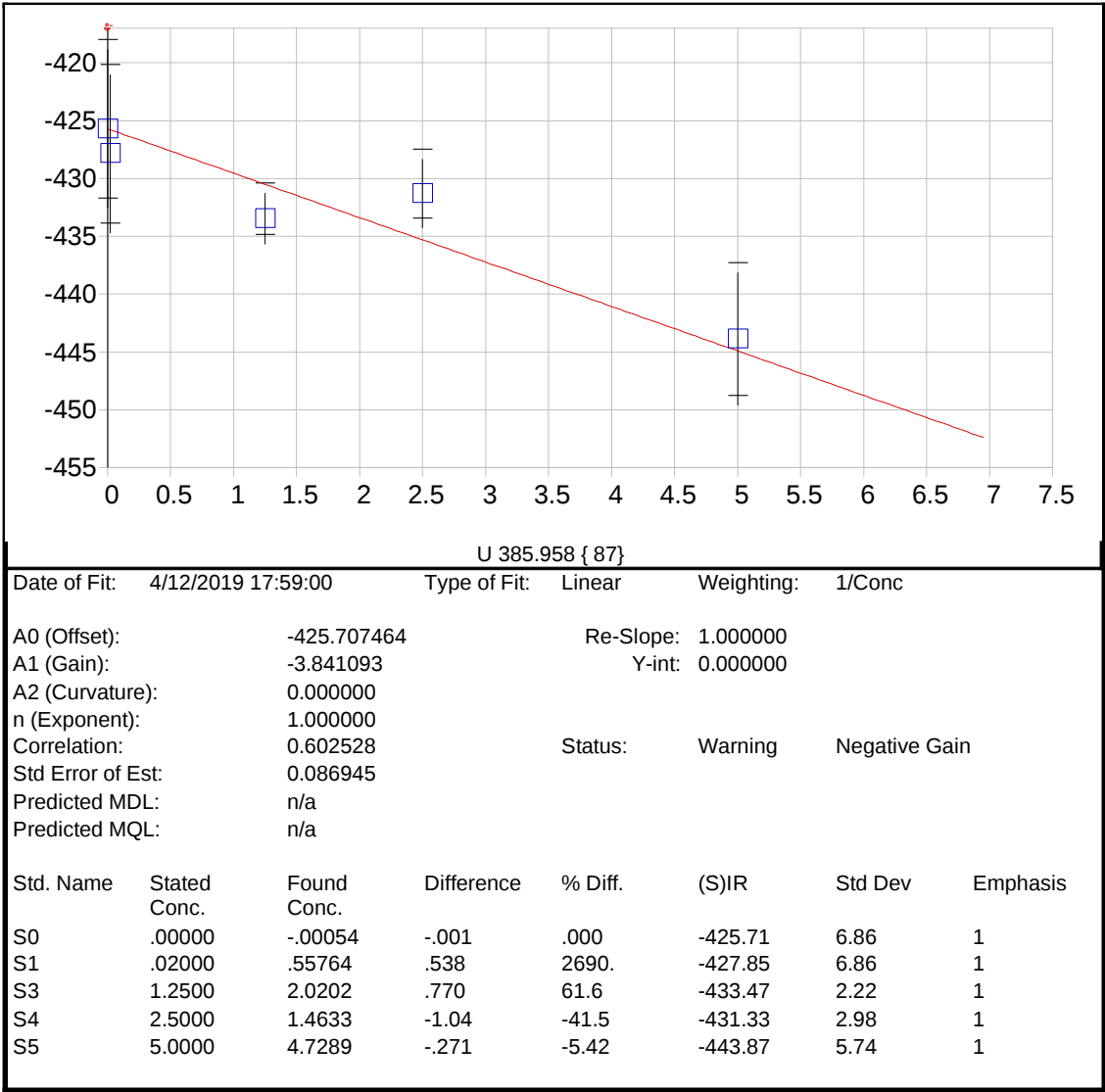


U 367.007 { 92 }

Date of Fit: 4/12/2019 17:59:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4554.290098 Re-Slope: 1.000000
A1 (Gain): -246.334663 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.699279 Status: Warning Negative Gain
Std Error of Est: 4.303261
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00039	-.000	.000	4554.4	25.9	1
S1	.02000	.39274	.373	1860.	4457.5	55.1	1
S3	1.2500	2.6194	1.37	110.	3909.0	30.6	1
S4	2.5000	2.6326	.133	5.30	3905.8	28.5	1
S5	5.0000	3.1253	-1.87	-37.5	3784.4	17.3	1



Sample Name: S0 Acquired: 4/12/2019 12:24:32 Type: Cal
Method: P4-ICP2(v3048) 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	-.00012	-.00007	.00422	-.00027	.00052	.00030	-.00113	-.00012
Stddev	.00012	.00005	.00015	.00004	.00020	.00001	.00011	.00004
%RSD	105.30	74.555	3.5417	14.172	38.752	1.9849	9.6169	33.737
#1	-.00016	-.00003	.00436	-.00031	.00053	.00030	-.00102	-.00011
#2	-.00021	-.00013	.00424	-.00028	.00031	.00030	-.00124	-.00016
#3	.00002	-.00005	.00406	-.00023	.00071	.00029	-.00113	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00361	.00050	.00001	-.00035	.00755	.00092	.00005	.00005
Stddev	.00037	.00010	.00001	.00019	.00022	.00011	.00004	.00002
%RSD	10.380	19.928	142.79	54.876	2.9047	11.782	81.207	39.534
#1	-.00324	.00053	-.00001	-.00057	.00761	.00102	.00006	.00005
#2	-.00361	.00058	.00001	-.00028	.00730	.00095	.00009	.00003
#3	-.00398	.00039	.00002	-.00020	.00772	.00080	.00001	.00007
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	-.00635	.00058	.00040	.00017	.00398	.00069	-.00008	-.00000
Stddev	.00007	.00009	.00011	.00006	.00028	.00026	.00012	.00002
%RSD	1.0785	15.175	27.873	39.259	7.1207	37.776	152.51	1068.0
#1	-.00638	.00063	.00044	.00009	.00426	.00096	.00005	-.00002
#2	-.00639	.00063	.00048	.00021	.00400	.00045	-.00019	.00002
#3	-.00627	.00048	.00027	.00020	.00369	.00065	-.00010	-.00001
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	.00070	.01174	.00031	.00186	.01095	-.0033	-.00240	4554.4
Stddev	.00007	.00043	.00007	.00025	.00229	.0001	.00064	25.9
%RSD	9.7002	3.6988	21.600	13.257	20.949	1.993	26.738	.56803
#1	.00071	.01138	.00027	.00173	.00835	-.0032	-.00272	4536.4
#2	.00063	.01222	.00039	.00171	.01269	-.0032	-.00283	4584.0
#3	.00077	.01163	.00028	.00215	.01180	-.0033	-.00166	4542.8

Sample Name: S0 Acquired: 4/12/2019 12:24:32 Type: Cal
Method: P4-ICP2(v3048) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-425.71
Stddev	6.86
%RSD	1.6110

#1	-430.77
#2	-417.90
#3	-428.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4059.3	76822.	6033.3	89.497	5382.9
Stddev	7.1	102.	22.9	1.862	10.5
%RSD	.17549	.13272	.37925	2.0799	.19462

#1	4051.2	76862.	6007.4	89.125	5371.2
#2	4064.7	76706.	6041.5	91.517	5391.4
#3	4062.0	76898.	6050.9	87.850	5385.9

Sample Name: S1 Acquired: 4/12/2019 12:28:59 Type: Cal
Method: P4-ICP2(v3048) 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	.00143	.00446	.00780	.00090	.00791	.00089	.03259	.00415
Stddev	.00014	.00005	.00025	.00010	.00015	.00003	.00020	.00003
%RSD	10.029	1.1596	3.1745	11.521	1.9459	3.9013	.61621	.73184

#1	.00156	.00447	.00761	.00099	.00806	.00091	.03252	.00418
#2	.00145	.00441	.00772	.00091	.00791	.00091	.03244	.00416
#3	.00128	.00451	.00808	.00079	.00776	.00085	.03282	.00412

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	.01725	.00122	.03052	.02414	.01120	.01890	.01309	.00283
Stddev	.00018	.00003	.00020	.00014	.00009	.00008	.00017	.00002
%RSD	1.0371	2.6320	.66924	.59240	.81675	.42723	1.3138	.64747

#1	.01734	.00121	.03069	.02416	.01127	.01886	.01325	.00284
#2	.01704	.00125	.03029	.02428	.01110	.01899	.01310	.00281
#3	.01737	.00119	.03057	.02399	.01124	.01885	.01291	.00284

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	.00544	.09170	.14615	.00016	.00125	.18012	.00692	.01346
Stddev	.00002	.00018	.00019	.00002	.00007	.00084	.00011	.00043
%RSD	.27626	.19859	.12972	11.294	5.9507	.46831	1.5343	3.2214

#1	.00545	.09183	.14594	.00015	.00130	.17930	.00700	.01350
#2	.00542	.09179	.14629	.00014	.00116	.18099	.00697	.01387
#3	.00545	.09149	.14623	.00017	.00128	.18007	.00680	.01300

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04021	-.0021	.20761	4457.5	-427.85
Stddev	.00083	.0000	.00106	55.1	6.86
%RSD	2.0640	1.113	.50847	1.2361	1.6024

#1	.03950	-.0021	.20876	4403.2	-420.11
#2	.04112	-.0021	.20738	4456.1	-433.15
#3	.04001	-.0021	.20668	4513.3	-430.29

Sample Name: S1 Acquired: 4/12/2019 12:28:59 Type: Cal
Method: P4-ICP2(v3048) 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	4033.2	76808.	6006.9	89.147	5274.6
Stddev	2.4	91.	10.6	.485	8.0
%RSD	.05996	.11891	.17710	.54397	.15186
#1	4031.6	76703.	5999.4	88.625	5269.0
#2	4032.0	76867.	6002.3	89.233	5270.9
#3	4036.0	76854.	6019.1	89.583	5283.7

Sample Name: S2 Acquired: 4/12/2019 12:33:22 Type: Cal
Method: P4-ICP2(v3048) 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	.09577	.00162	.04493	.01167
Stddev	.00064	.00002	.00016	.00015
%RSD	.67216	1.3746	.35111	1.2495

#1	.09606	.00161	.04511	.01182
#2	.09622	.00161	.04485	.01165
#3	.09503	.00165	.04482	.01153

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	76598.	5987.5
Stddev	226.	33.6
%RSD	.29504	.56121

#1	76347.	5963.4
#2	76664.	5973.1
#3	76784.	6025.9

Sample Name: S3 Acquired: 4/12/2019 12:37:34 Type: Cal
Method: P4-ICP2(v3048) 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	.20541	.29087	.73832	.14947	.36772	.02490	1.6320	.08519
Stddev	.00047	.00125	.00044	.00093	.00052	.00012	.0016	.00020
%RSD	.22848	.42905	.06004	.62118	.14257	.47481	.09823	.23310

#1	.20542	.29083	.73784	.14929	.36825	.02481	1.6337	.08525
#2	.20588	.29214	.73872	.15048	.36720	.02485	1.6305	.08497
#3	.20494	.28965	.73840	.14865	.36771	.02503	1.6319	.08535

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4698	.57097	.05901	1.3298	.49813	.25290	1.0849	.00960
Stddev	.0091	.00263	.00020	.0031	.00103	.00053	.0002	.00002
%RSD	.20433	.45992	.34055	.23339	.20668	.20906	.02033	.25348

#1	4.4668	.57216	.05924	1.3302	.49699	.25319	1.0847	.00957
#2	4.4801	.56796	.05894	1.3327	.49900	.25229	1.0851	.00961
#3	4.4625	.57279	.05886	1.3265	.49840	.25322	1.0848	.00962

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	.61012	.13388	.27195	.16429	2.8360	.06773	1.7511	.00355
Stddev	.00190	.00008	.00041	.00008	.0049	.00017	.0031	.00001
%RSD	.31214	.05718	.14926	.04692	.17291	.25233	.17726	.29419

#1	.60901	.13380	.27156	.16431	2.8342	.06763	1.7519	.00356
#2	.61231	.13395	.27192	.16420	2.8416	.06764	1.7538	.00356
#3	.60902	.13388	.27237	.16435	2.8323	.06793	1.7477	.00354

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	.09097	1.0517	.42108	.70759	3.7135	.1622	25.462	3909.0
Stddev	.00046	.0027	.00202	.00362	.0146	.0016	.099	30.6
%RSD	.50957	.26078	.47894	.51184	.39172	.9890	.38751	.78166

#1	.09145	1.0540	.42149	.71152	3.7241	.1631	25.513	3914.9
#2	.09093	1.0524	.42285	.70439	3.7194	.1631	25.524	3876.0
#3	.09053	1.0487	.41888	.70686	3.6969	.1603	25.348	3936.2

Sample Name: S3 Acquired: 4/12/2019 12:37:34 Type: Cal
Method: P4-ICP2(v3048) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-433.47
Stddev	2.22
%RSD	.51328

#1	-435.17
#2	-434.28
#3	-430.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3862.6	73752.	5868.8	86.469	4768.4
Stddev	4.4	138.	32.3	2.069	6.2
%RSD	.11471	.18714	.54990	2.3922	.13049

#1	3857.8	73653.	5848.6	84.647	4767.4
#2	3863.4	73694.	5851.7	86.041	4762.7
#3	3866.5	73910.	5906.0	88.717	4775.0

Sample Name: S4 Acquired: 4/12/2019 12:41:32 Type: Cal
Method: P4-ICP2(v3048) 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	.40036	.55940	1.4339	.29174	.71120	.04726	3.1435	.16335
Stddev	.00100	.00241	.0018	.00117	.00085	.00008	.0102	.00030
%RSD	.24979	.43066	.12540	.39961	.12015	.17720	.32562	.18373
#1	.40121	.55809	1.4343	.29085	.71136	.04719	3.1392	.16308
#2	.39926	.55793	1.4355	.29132	.71197	.04735	3.1551	.16367
#3	.40061	.56218	1.4320	.29306	.71028	.04723	3.1360	.16331
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.7694	1.0885	.11283	2.5884	.94007	.47599	2.0616	.01828
Stddev	.0106	.0033	.00033	.0026	.00157	.00089	.0034	.00007
%RSD	.12069	.30497	.29271	.09880	.16700	.18768	.16729	.37886
#1	8.7585	1.0903	.11249	2.5855	.94156	.47500	2.0587	.01821
#2	8.7701	1.0905	.11315	2.5890	.94023	.47675	2.0654	.01829
#3	8.7797	1.0847	.11284	2.5905	.93843	.47620	2.0607	.01834
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	1.1911	.25646	.52460	.31464	5.5711	.13102	3.3580	.00686
Stddev	.0008	.00032	.00162	.00050	.0063	.00024	.0021	.00006
%RSD	.06309	.12590	.30806	.15770	.11247	.18557	.06288	.92359
#1	1.1905	.25683	.52316	.31409	5.5729	.13080	3.3603	.00680
#2	1.1919	.25630	.52635	.31506	5.5642	.13128	3.3561	.00693
#3	1.1909	.25624	.52428	.31476	5.5763	.13097	3.3578	.00684
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	.18170	2.0396	.81870	1.3618	7.1358	.3268	48.737	3905.8
Stddev	.00084	.0085	.00421	.0029	.0312	.0017	.096	28.5
%RSD	.46204	.41783	.51424	.21370	.43673	.5210	.19743	.72885
#1	.18157	2.0474	.81669	1.3647	7.1715	.3267	48.809	3886.6
#2	.18094	2.0305	.81588	1.3617	7.1223	.3251	48.775	3892.3
#3	.18260	2.0411	.82354	1.3589	7.1137	.3285	48.628	3938.5

Sample Name: S4 Acquired: 4/12/2019 12:41:32 Type: Cal
Method: P4-ICP2(v3048) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-431.33
Stddev	2.98
%RSD	.69176

#1	-429.51
#2	-429.70
#3	-434.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.6	72838.	5825.2	84.111	4588.9
Stddev	17.0	140.	33.1	2.278	16.9
%RSD	.44640	.19249	.56886	2.7083	.36859

#1	3788.0	72770.	5787.1	81.818	4570.5
#2	3806.7	72745.	5841.8	84.142	4592.4
#3	3821.9	72999.	5846.9	86.374	4603.8

Sample Name: S5 Acquired: 4/12/2019 12:45:31 Type: Cal
Method: P4-ICP2(v3048) 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	.79422	1.1067	2.8615	.57677	1.4021	.09340	6.1776	.31948
Stddev	.00098	.0043	.0047	.00079	.0028	.00028	.0454	.00112
%RSD	.12323	.38566	.16510	.13763	.20158	.29845	.73413	.35145

#1	.79425	1.1092	2.8636	.57653	1.4022	.09354	6.1795	.31856
#2	.79519	1.1091	2.8648	.57765	1.3993	.09358	6.2219	.32073
#3	.79323	1.1018	2.8561	.57612	1.4049	.09308	6.1313	.31916

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	17.594	2.0929	.21952	5.1974	1.8177	.92043	3.9577	.03620
Stddev	.024	.0016	.00005	.0097	.0006	.00327	.0222	.00006
%RSD	.13653	.07637	.02314	.18708	.03486	.35511	.56008	.17903

#1	17.598	2.0912	.21951	5.1945	1.8169	.91700	3.9826	.03615
#2	17.616	2.0944	.21958	5.2083	1.8182	.92351	3.9503	.03627
#3	17.568	2.0930	.21948	5.1895	1.8179	.92077	3.9402	.03618

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	2.3896	.50441	1.0475	.61745	11.258	.26231	6.5769	.01372
Stddev	.0070	.00019	.0004	.00152	.019	.00022	.0052	.00007
%RSD	.29302	.03738	.03912	.24545	.17309	.08355	.07904	.47870

#1	2.3885	.50460	1.0479	.61598	11.264	.26206	6.5765	.01365
#2	2.3971	.50422	1.0473	.61900	11.274	.26239	6.5823	.01377
#3	2.3833	.50441	1.0472	.61737	11.236	.26248	6.5719	.01374

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	.37658	3.9957	1.6442	2.6424	13.986	.6728	93.980	3784.4
Stddev	.00165	.0116	.0043	.0010	.025	.0031	.915	17.3
%RSD	.43753	.28902	.26282	.03916	.17788	.4547	.97389	.45824

#1	.37739	3.9824	1.6455	2.6436	14.014	.6737	93.003	3797.7
#2	.37767	4.0026	1.6478	2.6417	13.974	.6753	94.818	3764.8
#3	.37469	4.0022	1.6394	2.6418	13.969	.6694	94.119	3790.8

Sample Name: S5 Acquired: 4/12/2019 12:45:31 Type: Cal
Method: P4-ICP2(v3048) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-443.87
Stddev	5.74
%RSD	1.2930

#1	-442.35
#2	-450.22
#3	-439.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.9	72212.	5886.5	81.317	4342.4
Stddev	2.6	141.	12.7	2.043	13.0
%RSD	.06945	.19529	.21655	2.5120	.29968

#1	3730.1	72248.	5883.6	78.993	4342.5
#2	3725.9	72056.	5875.4	82.825	4329.3
#3	3730.6	72331.	5900.4	82.134	4355.3

Sample Name: ICV01 Acquired: 4/12/2019 12:49:53 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0008	1.0449	1.0027	1.0092	.99436	2.5598	.50638
Stddev	.0024	.0056	.0023	.0036	.00311	.0340	.00183
%RSD	.23646	.54054	.23345	.35441	.31326	1.3289	.36226

#1	1.0033	1.0457	1.0053	1.0078	.99717	2.5475	.50528
#2	.99853	1.0389	1.0021	1.0064	.99101	2.5982	.50850
#3	1.0007	1.0501	1.0008	1.0132	.99489	2.5336	.50536

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49447	.48384	10.489	.51277	.50015	.50461	5.1920
Stddev	.00136	.00094	.027	.00239	.00098	.00160	.0089
%RSD	.27603	.19458	.26039	.46517	.19687	.31653	.17245

#1	.49501	.48463	10.507	.51193	.50117	.50646	5.2013
#2	.49548	.48409	10.458	.51546	.50006	.50366	5.1913
#3	.49291	.48280	10.502	.51092	.49921	.50373	5.1835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51885	6.0928	.50381	.51774	9.9744	.50379	.97847
Stddev	.00043	.0404	.00089	.00112	.0520	.00258	.00242
%RSD	.08249	.66259	.17748	.21582	.52164	.51113	.24734

#1	.51934	6.0882	.50391	.51877	9.9454	.50590	.98117
#2	.51855	6.0549	.50465	.51790	10.034	.50455	.97774
#3	.51866	6.1352	.50287	.51655	9.9433	.50092	.97649

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9382	2.5981	2.5802	F -.00075	2.5471	2.5161	F 2.6648
Stddev	.0755	.0078	.0252	.00373	.0073	.0056	.0107
%RSD	.75957	.30031	.97519	497.01	.28488	.22442	.39960

#1	10.025	2.6070	2.5683	-.00350	2.5511	2.5221	2.6559
#2	9.9018	2.5946	2.6091	.00350	2.5387	2.5152	2.6619
#3	9.8879	2.5926	2.5632	-.00225	2.5515	2.5109	2.6766

Sample Name: ICV01 Acquired: 4/12/2019 12:49:53 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00114	F -.0003	F .00632	F 1.5817	F .78926
Stddev	.00171	.0014	.00005	.1486	3.2082
%RSD	149.79	458.8	.74790	9.3948	406.48
#1	.00222	.0007	.00637	1.7525	-1.4911
#2	.00202	.0003	.00629	1.4822	4.4577
#3	-.00083	-.0019	.00629	1.5104	-.59885
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3968.9	75953.	5990.0	88.669	5001.0
Stddev	15.8	151.	16.8	1.222	17.4
%RSD	.39814	.19880	.28045	1.3778	.34717
#1	3952.1	75925.	5986.5	87.732	4982.1
#2	3971.1	75818.	6008.3	90.051	5004.6
#3	3983.4	76116.	5975.2	88.226	5016.2

Sample Name: LLICV01 Acquired: 4/12/2019 12:53:57 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01882	.04508	.01347	.02209	.05658	.11161	.10619	.00647
Stddev	.00072	.00148	.00087	.00180	.00075	.00116	.00110	.00011
%RSD	3.8206	3.2735	6.4309	8.1483	1.3308	1.0377	1.0318	1.6296
#1	.01805	.04366	.01446	.02303	.05595	.11027	.10536	.00645
#2	.01948	.04498	.01287	.02001	.05741	.11233	.10577	.00637
#3	.01893	.04661	.01307	.02322	.05638	.11223	.10743	.00658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	2.1815	.01061	.03117	.02107	.11122	.02309	2.1455
Stddev	.00003	.0067	.00018	.00011	.00031	.00088	.00011	.0323
%RSD	.57019	.30757	1.6717	.33986	1.4941	.78968	.46946	1.5032
#1	.00595	2.1740	.01071	.03127	.02133	.11050	.02297	2.1795
#2	.00590	2.1838	.01040	.03119	.02072	.11097	.02318	2.1419
#3	.00588	2.1868	.01070	.03106	.02116	.11220	.02311	2.1153
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04143	.01145	2.0691	.04256	.04467	2.0202	.21401	F .13562
Stddev	.00046	.00070	.0155	.00042	.00029	.0321	.00067	.00612
%RSD	1.1011	6.1144	.74741	.98841	.65093	1.5869	.31137	4.5140
#1	.04091	.01212	2.0558	.04241	.04460	1.9981	.21410	.14181
#2	.04177	.01073	2.0655	.04224	.04498	2.0055	.21463	.13548
#3	.04160	.01151	2.0861	.04304	.04442	2.0570	.21330	.12957
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01043	F .70744	.04391	.04341	.02273	.0173	.02135	F 1.4916
Stddev	.00122	.00894	.00045	.00094	.00094	.0011	.00018	.1464
%RSD	11.732	1.2640	1.0140	2.1701	4.1468	6.501	.85029	9.8152
#1	.01046	.71644	.04366	.04446	.02366	.0160	.02154	1.3565
#2	.00919	.70733	.04365	.04311	.02277	.0180	.02133	1.6471
#3	.01164	.69855	.04443	.04265	.02177	.0180	.02117	1.4713

Sample Name: LLICV01 Acquired: 4/12/2019 12:53:57 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6333
Stddev	2.0182
%RSD	123.57

#1	.79009
#2	.17343
#3	3.9364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3983.3	76193.	5932.6	87.206	5152.5
Stddev	17.8	97.	66.0	1.619	16.2
%RSD	.44800	.12736	1.1119	1.8568	.31356

#1	3973.0	76121.	5866.0	87.100	5144.4
#2	3973.1	76304.	5933.8	85.642	5142.0
#3	4003.9	76155.	5997.9	88.875	5171.1

Sample Name: ICB01 Acquired: 4/12/2019 12:58:20 Type: Unk
Method: P4-ICP2(v3048) 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	-.00077	.00052	.00049	.00072	.00023	-.00206	-.00023
Stddev	.00209	.00146	.00043	.00032	.00144	.01509	.00008
%RSD	270.91	279.21	88.361	43.822	630.80	732.20	35.309

#1	-.00174	.00169	.00076	.00036	-.00047	.01535	-.00027
#2	.00163	.00100	.00073	.00086	.00189	-.01135	-.00028
#3	-.00220	-.00112	-.00001	.00095	-.00073	-.01018	-.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00004	-.01925	.00014	.00012	.00006	-.00029
Stddev	.00007	.00003	.00970	.00017	.00003	.00038	.00022
%RSD	1547.1	85.480	50.395	124.40	26.222	601.57	75.096

#1	.00004	.00006	-.03039	.00001	.00013	.00043	-.00019
#2	.00005	.00006	-.01463	.00007	.00014	-.00032	-.00014
#3	-.00008	.00000	-.01272	.00033	.00008	.00008	-.00055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00920	-.00037	.00031	-.02048	.00005	-.00086
Stddev	.00002	.01201	.00039	.00033	.00655	.00016	.00005
%RSD	842.80	130.52	104.51	106.13	31.991	337.08	5.4580

#1	-.00003	-.01628	-.00058	.00022	-.01993	-.00005	-.00080
#2	.00002	.00467	.00008	.00004	-.01422	-.00004	-.00088
#3	-.00000	-.01599	-.00062	.00068	-.02729	.00024	-.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01683	.00006	-.00540	-.00848	.00589	.00085	.00067
Stddev	.00686	.00008	.00671	.00095	.00130	.00017	.00025
%RSD	40.758	123.80	124.25	11.166	22.019	19.746	36.909

#1	.02459	.00013	-.01251	-.00746	.00674	.00083	.00062
#2	.01435	.00008	-.00449	-.00865	.00440	.00103	.00094
#3	.01156	-.00002	.00081	-.00934	.00653	.00069	.00045

Sample Name: ICB01 Acquired: 4/12/2019 12:58:20 Type: Unk
 Method: P4-ICP2(v3048) 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	.00091	-.0002	-.00004	F 1.5569	F<.00000
Stddev	.00078	.0008	.00005	.1900	2.3706
%RSD	86.163	375.8	120.69	12.206	399.66
#1	.00158	-.0008	.00000	1.7596	-1.1388
#2	.00110	.0007	-.00010	1.5284	-2.6434
#3	.00005	-.0006	-.00003	1.3828	2.0027
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.8	77026.	5925.1	88.564	5272.9
Stddev	11.9	222.	43.1	2.116	10.4
%RSD	.29739	.28861	.72677	2.3890	.19664
#1	4001.8	76879.	5901.0	86.917	5281.1
#2	4001.5	77282.	5899.4	87.825	5276.4
#3	3981.1	76917.	5974.8	90.950	5261.3

Sample Name: CRI01 Acquired: 4/12/2019 13:07:08 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01993	.04284	.01281	.02327	.05494	.10886	.10748	.00658
Stddev	.00080	.00065	.00044	.00057	.00101	.00683	.00034	.00014
%RSD	4.0335	1.5195	3.4112	2.4295	1.8445	6.2749	.31171	2.0638
#1	.01900	.04300	.01281	.02278	.05552	.10830	.10711	.00674
#2	.02039	.04212	.01325	.02389	.05553	.11596	.10757	.00649
#3	.02040	.04340	.01238	.02316	.05377	.10233	.10776	.00652
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	2.1642	.01072	.03012	.02138	.10974	.02320	2.0675
Stddev	.00007	.0291	.00049	.00017	.00028	.00109	.00006	.0385
%RSD	1.2163	1.3435	4.5717	.57759	1.2987	.99619	.25011	1.8640
#1	.00603	2.1308	.01096	.03003	.02106	.11056	.02324	2.0352
#2	.00592	2.1839	.01104	.03032	.02158	.10850	.02314	2.0571
#3	.00605	2.1780	.01016	.03001	.02149	.11016	.02323	2.1102
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04097	.01169	2.0665	.04205	.03931	2.0582	.21898	.10783
Stddev	.00026	.00021	.0135	.00019	.00009	.0256	.00067	.01194
%RSD	.63064	1.7762	.65331	.45601	.21943	1.2430	.30715	11.073
#1	.04095	.01172	2.0657	.04187	.03922	2.0698	.21823	.10912
#2	.04124	.01147	2.0534	.04202	.03934	2.0289	.21954	.09530
#3	.04073	.01188	2.0803	.04225	.03938	2.0759	.21915	.11908
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01002	.41902	.04104	.04351	.02001	.0172	.02183	F 1.4978
Stddev	.00215	.00170	.00026	.00288	.00091	.0007	.00010	.1299
%RSD	21.423	.40552	.64403	6.6299	4.5298	4.276	.44233	8.6727
#1	.00855	.41746	.04134	.04342	.02078	.0181	.02174	1.4486
#2	.00903	.41878	.04086	.04068	.01901	.0168	.02193	1.6452
#3	.01249	.42083	.04090	.04645	.02026	.0168	.02181	1.3998

Sample Name: CRI01 Acquired: 4/12/2019 13:07:08 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4128
Stddev 1.2234
%RSD 86.594

#1 2.8009
#2 .49171
#3 .94577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4028.1	77225.	6008.7	89.125	5249.9
Stddev	8.9	308.	28.3	.282	7.2
%RSD	.22217	.39929	.47102	.31667	.13620

#1	4037.2	77088.	6016.4	88.983	5256.5
#2	4019.4	77009.	5977.3	88.942	5242.3
#3	4027.6	77578.	6032.3	89.450	5250.8

Sample Name: ICSA01 Acquired: 4/12/2019 13:11:31 Type: Unk
 Method: P4-ICP2(v3048) 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	-.00926	.00291	-.00069	-.00063	.00589	297.50	.00712	.00048
Stddev	.00211	.00202	.00101	.00308	.00109	1.87	.00028	.00012
%RSD	22.761	69.156	146.88	489.07	18.494	.62980	3.9914	23.946
#1	-.01101	.00059	-.00182	-.00114	.00678	295.35	.00679	.00041
#2	-.00692	.00391	-.00038	-.00343	.00622	298.74	.00726	.00062
#3	-.00985	.00424	.00013	.00267	.00468	298.42	.00730	.00042
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	266.82	.05050	-.00080	-.00163	101.49	.01239	290.09
Stddev	.00014	1.11	.00033	.00020	.00063	.16	.00006	1.51
%RSD	13.789	.41516	.65284	25.212	38.342	.15689	.51361	.51904
#1	-.00091	265.62	.05082	-.00092	-.00231	101.38	.01239	288.36
#2	-.00117	267.81	.05016	-.00091	-.00151	101.67	.01246	290.74
#3	-.00095	267.03	.05053	-.00056	-.00107	101.43	.01233	291.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01368	.00157	.02049	.00223	-.01597	.02814	-.00168	.01341
Stddev	.00066	.00022	.00695	.00043	.00022	.04135	.00014	.00727
%RSD	4.8508	14.067	33.912	19.378	1.3515	146.94	8.3898	54.221
#1	-.01422	.00145	.01765	.00192	-.01576	-.01444	-.00160	.00682
#2	-.01388	.00143	.01542	.00205	-.01596	.06815	-.00158	.02121
#3	-.01294	.00182	.02842	.00272	-.01620	.03071	-.00184	.01219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00543	-.00264	.00659	-.00164	.00269	.0017	-.00162	3.9628
Stddev	.00766	.00174	.00052	.00139	.00220	.0008	.00016	.0805
%RSD	140.88	66.142	7.8778	84.772	81.888	45.34	9.7634	2.0306
#1	.01340	-.00146	.00649	-.00309	.00178	.0010	-.00161	4.0556
#2	.00477	-.00464	.00613	-.00031	.00520	.0026	-.00178	3.9128
#3	-.00187	-.00181	.00715	-.00153	.00108	.0016	-.00147	3.9199

Sample Name: ICSA01 Acquired: 4/12/2019 13:11:31 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .40931
 Stddev .73731
 %RSD 180.13

#1 1.2564
 #2 .05976
 #3 -.08820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.9	66508.	5576.3	80.464	4028.7
Stddev	12.3	218.	16.9	1.152	7.9
%RSD	.35552	.32783	.30337	1.4315	.19644

#1	3462.1	66718.	5580.7	79.237	4025.1
#2	3459.6	66283.	5557.6	81.522	4023.2
#3	3482.1	66525.	5590.6	80.633	4037.7

Sample Name: ICSAB01 Acquired: 4/12/2019 13:22:11 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09709	.10442	.05254	.05449	.64138	277.13	.56816
Stddev	.00129	.00086	.00064	.00176	.00409	.40	.00151
%RSD	1.3266	.82308	1.2178	3.2302	.63803	.14549	.26508

#1	.09617	.10505	.05326	.05255	.64585	277.06	.56770
#2	.09654	.10477	.05234	.05494	.63782	276.77	.56694
#3	.09856	.10344	.05202	.05598	.64046	277.57	.56985

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55773	1.0303	247.77	.57268	.51668	.48555	95.016
Stddev	.00116	.0001	.64	.00078	.00060	.00142	.242
%RSD	.20805	.01183	.25809	.13628	.11582	.29153	.25495

#1	.55725	1.0304	248.46	.57178	.51600	.48626	94.946
#2	.55688	1.0303	247.62	.57308	.51712	.48647	95.285
#3	.55905	1.0302	247.21	.57317	.51691	.48392	94.816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53862	269.93	1.0121	.22347	.02913	.53041	1.0914
Stddev	.00044	.70	.0014	.00024	.00910	.00146	.0006
%RSD	.08238	.26072	.14129	.10899	31.227	.27455	.05605

#1	.53828	269.59	1.0125	.22365	.03791	.52998	1.0910
#2	.53846	269.47	1.0132	.22319	.01975	.52922	1.0911
#3	.53912	270.74	1.0105	.22357	.02974	.53204	1.0921

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05806	1.1205	F 1.2020	F .00804	1.0401	1.1424	1.1527
Stddev	.05103	.0017	.0162	.00346	.0110	.0029	.0026
%RSD	87.890	.15153	1.3488	42.975	1.0547	.25022	.22080

#1	.00278	1.1203	1.2174	.00519	1.0488	1.1441	1.1508
#2	.06804	1.1223	1.1851	.00705	1.0436	1.1439	1.1556
#3	.10336	1.1190	1.2035	.01189	1.0278	1.1391	1.1518

Sample Name: ICSAB01 Acquired: 4/12/2019 13:22:11 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00246	F .0002	F -.00123	3.9733	<.00000
Stddev	.00210	.0010	.00015	.0935	4.2947
%RSD	85.204	408.8	12.422	2.3535	135.15
#1	.00034	-.0009	-.00111	3.9515	-5.2245
#2	.00250	.0011	-.00140	3.8927	1.7575
#3	.00453	.0005	-.00117	4.0758	-6.0663
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.4	67516.	5677.4	79.420	4090.4
Stddev	6.7	121.	26.0	1.554	3.0
%RSD	.18937	.17993	.45785	1.9568	.07279
#1	3511.5	67420.	5649.2	77.626	4088.9
#2	3509.8	67653.	5682.8	80.318	4088.4
#3	3522.1	67476.	5700.3	80.317	4093.8

Sample Name: CCV01 Acquired: 4/12/2019 13:26:34 Type: Unk
Method: P4-ICP2(v3048) 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	4.9929	5.0095	4.9441	5.0068	4.9917	9.9903	10.026	.25134
Stddev	.0076	.0099	.0112	.0153	.0116	.0383	.025	.00020
%RSD	.15251	.19683	.22588	.30497	.23308	.38315	.25147	.08039
#1	5.0006	5.0209	4.9437	5.0170	5.0051	9.9472	10.005	.25127
#2	4.9854	5.0045	4.9554	4.9892	4.9853	10.003	10.020	.25117
#3	4.9925	5.0031	4.9331	5.0141	4.9846	10.020	10.054	.25156
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4671	25.178	.99945	2.4707	1.2310	5.0215	2.5255	24.846
Stddev	.0037	.091	.00076	.0039	.0012	.0035	.0039	.156
%RSD	.15193	.36272	.07589	.15936	.09780	.07034	.15522	.62642
#1	2.4686	25.242	.99920	2.4727	1.2311	5.0254	2.5282	24.715
#2	2.4700	25.219	.99885	2.4732	1.2322	5.0186	2.5273	24.805
#3	2.4629	25.074	1.0003	2.4661	1.2298	5.0204	2.5210	25.018
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4772	1.2500	24.680	2.4941	2.4670	24.952	5.0040	4.9779
Stddev	.0050	.0012	.051	.0018	.0039	.099	.0068	.0208
%RSD	.20112	.09796	.20568	.07069	.15667	.39535	.13652	.41756
#1	2.4780	1.2491	24.625	2.4925	2.4685	24.840	5.0115	4.9540
#2	2.4818	1.2494	24.690	2.4960	2.4699	24.993	4.9981	4.9922
#3	2.4719	1.2514	24.725	2.4938	2.4626	25.024	5.0025	4.9874
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9097	4.9797	4.9447	5.0285	5.0075	4.927	5.0122	F 3.3073
Stddev	.0133	.0131	.0120	.0065	.0111	.021	.0563	.1952
%RSD	.27161	.26331	.24238	.12971	.22060	.4164	1.1243	5.9029
#1	4.9227	4.9938	4.9499	5.0358	5.0173	4.941	5.0488	3.4875
#2	4.9104	4.9772	4.9531	5.0232	5.0095	4.936	5.0406	3.3345
#3	4.8960	4.9680	4.9310	5.0264	4.9955	4.903	4.9473	3.0999

Sample Name: CCV01 Acquired: 4/12/2019 13:26:34 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6555
Stddev	1.1080
%RSD	41.725

#1	2.5137
#2	3.8276
#3	1.6252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3815.4	73544.	5887.9	85.062	4600.9
Stddev	8.8	112.	37.5	.326	12.2
%RSD	.22942	.15186	.63664	.38382	.26564

#1	3806.2	73424.	5850.4	84.948	4593.6
#2	3816.4	73646.	5888.0	85.430	4594.1
#3	3823.6	73561.	5925.4	84.807	4615.0

Sample Name: LLCCV01 Acquired: 4/12/2019 13:30:36 Type: Unk
Method: P4-ICP2(v3048) 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	.02180	.04590	.01349	.02103	.05659	.11257	.10776
Stddev	.00096	.00019	.00077	.00086	.00075	.01366	.00144
%RSD	4.3855	.42302	5.7380	4.0908	1.3298	12.133	1.3386

#1	.02081	.04577	.01399	.02182	.05745	.12672	.10611
#2	.02186	.04613	.01260	.02011	.05622	.09947	.10873
#3	.02272	.04581	.01388	.02115	.05608	.11151	.10845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00651	.00596	2.2047	.01091	.03147	.02179	.11377
Stddev	.00004	.00006	.0226	.00014	.00005	.00013	.00076
%RSD	.53881	1.0547	1.0263	1.2798	.16503	.60384	.66445

#1	.00652	.00603	2.1787	.01105	.03148	.02175	.11290
#2	.00654	.00594	2.2196	.01089	.03151	.02168	.11425
#3	.00647	.00590	2.2158	.01077	.03141	.02194	.11416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02379	2.1200	.04147	.01127	2.0894	.04346	.04527
Stddev	.00021	.0391	.00041	.00045	.0250	.00062	.00022
%RSD	.86335	1.8426	.99775	3.9752	1.1984	1.4261	.48068

#1	.02382	2.0774	.04103	.01160	2.0616	.04402	.04551
#2	.02358	2.1284	.04155	.01146	2.0963	.04279	.04509
#3	.02399	2.1542	.04184	.01076	2.1102	.04356	.04521

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1056	.21716	F .12328	F .00994	F .69064	.04410	.04400
Stddev	.0401	.00027	.01366	.00075	.00525	.00077	.00173
%RSD	1.9068	.12589	11.084	7.5758	.76030	1.7355	3.9379

#1	2.0608	.21740	.11071	.01077	.69602	.04498	.04209
#2	2.1382	.21722	.12131	.00930	.68553	.04377	.04547
#3	2.1180	.21686	.13782	.00977	.69038	.04356	.04443

Sample Name: LLCCV01 Acquired: 4/12/2019 13:30:36 Type: Unk
Method: P4-ICP2(v3048) 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	.02260	.0183	.02156	F 2.4479	F<.00000
Stddev	.00077	.0011	.00012	.1587	2.1400
%RSD	3.4245	6.041	.55060	6.4832	286.04
#1	.02289	.0187	.02147	2.4901	-1.5451
#2	.02319	.0191	.02170	2.2724	-2.3753
#3	.02173	.0170	.02152	2.5813	1.6760
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.4	75333.	5890.0	86.367	5102.3
Stddev	8.5	97.	71.8	1.676	18.6
%RSD	.21703	.12835	1.2185	1.9401	.36431
#1	3929.5	75240.	5809.2	85.100	5081.1
#2	3943.9	75325.	5914.5	85.733	5115.7
#3	3944.7	75433.	5946.3	88.267	5110.2

Sample Name: CCB01 Acquired: 4/12/2019 13:35:00 Type: Unk
Method: P4-ICP2(v3048) 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	-.00063	.00036	.00085	.00012	.00074	.00711	-.00008
Stddev	.00185	.00058	.00024	.00188	.00072	.00259	.00056
%RSD	292.59	161.47	28.147	1607.0	96.597	36.491	704.00

#1	.00067	.00059	.00095	-.00197	.00008	.00527	.00056
#2	.00018	.00079	.00102	.00065	.00151	.00597	-.00046
#3	-.00275	-.00030	.00057	.00167	.00064	.01008	-.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00001	-.01785	-.00002	-.00024	.00010	-.00010
Stddev	.00001	.00005	.01406	.00020	.00028	.00017	.00043
%RSD	578.98	597.59	78.778	1303.2	116.60	168.20	427.45

#1	-.00001	.00007	-.02571	.00015	-.00043	-.00008	-.00058
#2	.00000	-.00001	-.00162	.00004	.00008	.00012	.00003
#3	.00001	-.00003	-.02623	-.00023	-.00038	.00026	.00025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00123	-.00031	.00054	-.02909	.00016	-.00095
Stddev	.00003	.00873	.00031	.00036	.00160	.00016	.00002
%RSD	33.006	707.00	100.97	67.566	5.4843	102.11	1.9727

#1	.00013	.01107	-.00063	.00094	-.03046	-.00001	-.00095
#2	.00007	-.00559	-.00001	.00042	-.02947	.00017	-.00097
#3	.00008	-.00177	-.00028	.00025	-.02734	.00031	-.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04500	.00005	.00444	F -.01116	.00670	-.00021	.00067
Stddev	.02047	.00026	.00919	.00172	.00102	.00036	.00079
%RSD	45.501	553.11	206.89	15.437	15.165	171.07	117.35

#1	.06711	.00015	.01446	-.00940	.00784	.00015	.00048
#2	.02670	-.00025	-.00359	-.01285	.00634	-.00057	.00154
#3	.04119	.00025	.00245	-.01122	.00591	-.00020	-.00000

Sample Name: CCB01 Acquired: 4/12/2019 13:35:00 Type: Unk
 Method: P4-ICP2(v3048) 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	.00104	-.0008	-.00002	F 1.8176	F .77818
Stddev	.00197	.0014	.00009	.1161	2.9480
%RSD	188.25	172.1	574.88	6.3875	378.83
#1	.00201	.0005	.00009	1.9493	.09631
#2	.00234	-.0007	-.00010	1.7739	-1.7691
#3	-.00122	-.0023	-.00004	1.7298	4.0073
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4023.7	77707.	6016.1	88.622	5311.1
Stddev	9.5	234.	5.0	.868	10.5
%RSD	.23640	.30127	.08316	.97944	.19690
#1	4013.7	77698.	6011.0	89.517	5299.2
#2	4032.6	77946.	6016.3	87.783	5319.0
#3	4024.9	77478.	6021.0	88.567	5315.0

Sample Name: K2337-04 Acquired: 4/12/2019 13:38:55 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ODS-040819 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00385	-.00121	.00375	.00362	.00447	.03944	.16726	-.00015
Stddev	.00116	.00136	.00057	.00179	.00010	.01605	.00242	.00006
%RSD	30.084	112.88	15.142	49.424	2.2378	40.697	1.4464	39.575

#1	-.00513	-.00220	.00408	.00171	.00446	.02103	.16448	-.00020
#2	-.00358	-.00177	.00309	.00525	.00438	.04677	.16882	-.00009
#3	-.00285	.00035	.00407	.00392	.00458	.05051	.16850	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	8.0852	.00253	-.00052	.00187	.07576	.00981	.26423
Stddev	.00006	.3085	.00027	.00008	.00053	.00075	.00005	.03454
%RSD	21.237	3.8159	10.548	16.144	28.347	.99652	.47052	13.071

#1	-.00034	7.7325	.00223	-.00048	.00129	.07642	.00978	.24055
#2	-.00025	8.2182	.00262	-.00061	.00199	.07494	.00978	.30386
#3	-.00024	8.3050	.00274	-.00046	.00233	.07592	.00986	.24827

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.00049	294.17	-.00015	7.7214	2.5489	-.00157	.04574
Stddev	.00018	.00021	5.00	.00019	.0295	.0659	.00022	.01037
%RSD	6.7191	42.797	1.6985	130.35	.38135	2.5850	13.731	22.673

#1	-.00288	.00026	293.68	.00006	7.6934	2.4857	-.00167	.03534
#2	-.00278	.00054	289.44	-.00032	7.7188	2.5439	-.00132	.05608
#3	-.00252	.00068	299.39	-.00018	7.7521	2.6172	-.00172	.04579

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8633	.07638	.00148	-.00056	.00249	.0381	.00817	3.7843
Stddev	.0131	.00954	.00020	.00098	.00107	.0016	.00020	.0486
%RSD	.70297	12.491	13.262	176.51	43.013	4.098	2.4038	1.2856

#1	1.8491	.07579	.00127	-.00092	.00130	.0396	.00795	3.7352
#2	1.8658	.06715	.00152	.00056	.00336	.0365	.00832	3.7853
#3	1.8750	.08620	.00166	-.00131	.00280	.0381	.00826	3.8325

Sample Name: K2337-04 Acquired: 4/12/2019 13:38:55 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ODS-040819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1200
Stddev	2.0236
%RSD	49.117

#1	1.7995
#2	5.5181
#3	5.0424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.9	70288.	5808.6	86.672	4422.9
Stddev	18.2	83.	115.5	2.315	11.8
%RSD	.49600	.11787	1.9884	2.6711	.26574

#1	3645.7	70231.	5940.9	88.717	4419.3
#2	3681.0	70251.	5728.0	84.158	4436.0
#3	3656.0	70383.	5756.9	87.142	4413.3

Sample Name: K2200-02 Acquired: 4/12/2019 13:43:30 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	-.00192	.00782	.00196	-.00054	.16928	.10166	.00005
Stddev	.00050	.00051	.00053	.00315	.00090	.00588	.00083	.00003
%RSD	19.766	26.790	6.7213	160.19	166.99	3.4758	.81550	65.730

#1	-.00223	-.00155	.00836	-.00065	.00039	.17222	.10241	.00005
#2	-.00309	-.00170	.00778	.00109	-.00060	.16251	.10077	.00008
#3	-.00223	-.00250	.00731	.00545	-.00140	.17312	.10180	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	27.470	.00030	.00273	.00804	.84326	.69371	2.8138
Stddev	.00005	.090	.00007	.00015	.00025	.00215	.00158	.0498
%RSD	16.019	.32609	23.613	5.3601	3.1538	.25483	.22836	1.7705

#1	-.00031	27.367	.00031	.00288	.00809	.84417	.69501	2.7735
#2	-.00024	27.516	.00037	.00259	.00777	.84080	.69195	2.7984
#3	-.00033	27.527	.00023	.00273	.00826	.84480	.69418	2.8695

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00028	257.15	-.00045	.03170	.91629	-.00003	.01403
Stddev	.00036	.00053	1.29	.00029	.00010	.02979	.00010	.00500
%RSD	584.72	187.93	.49976	65.376	.32498	3.2512	308.93	35.654

#1	.00027	.00087	257.13	-.00016	.03167	.89950	.00008	.01978
#2	-.00001	.00014	255.87	-.00043	.03161	.95068	-.00009	.01154
#3	-.00044	-.00016	258.44	-.00075	.03181	.89868	-.00009	.01076

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44880	1.9970	.00173	.00138	.00659	.0046	.12476	3.8230
Stddev	.00334	.0135	.00016	.00172	.00117	.0009	.00058	.1617
%RSD	.74340	.67363	9.5293	124.48	17.780	18.72	.46294	4.2306

#1	.45185	1.9899	.00179	.00055	.00679	.0037	.12411	3.9864
#2	.44524	2.0125	.00154	.00023	.00533	.0055	.12521	3.8198
#3	.44933	1.9886	.00185	.00335	.00765	.0047	.12496	3.6630

Sample Name: K2200-02 Acquired: 4/12/2019 13:43:30 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.6861
 Stddev 1.1675
 %RSD 12.053

#1 8.3793
 #2 10.626
 #3 10.053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.8	70791.	5732.0	82.433	4413.0
Stddev	4.6	436.	44.5	.277	2.9
%RSD	.12553	.61611	.77681	.33650	.06585

#1	3672.6	70380.	5717.1	82.550	4410.7
#2	3679.7	71249.	5696.9	82.633	4416.3
#3	3681.2	70744.	5782.1	82.117	4412.1

Sample Name: K2200-02DUP Acquired: 4/12/2019 13:48:05 Type: Unk
Method: P4-ICP2(v3048) 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	-.00142	-.00075	.00799	.00141	.00047	.18324	.10286	.00006
Stddev	.00021	.00118	.00093	.00221	.00169	.00661	.00110	.00005
%RSD	14.667	158.37	11.688	156.99	356.72	3.6100	1.0715	86.882

#1	-.00134	-.00195	.00693	.00103	-.00063	.19052	.10223	.00002
#2	-.00126	-.00070	.00869	.00377	.00242	.18162	.10221	.00005
#3	-.00165	.00041	.00835	-.00059	-.00037	.17759	.10413	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	27.834	-.00018	.00278	.00825	.85139	.70052	2.8709
Stddev	.00006	.143	.00021	.00009	.00015	.00229	.00061	.1081
%RSD	18.308	.51553	116.49	3.2900	1.7894	.26839	.08681	3.7644

#1	-.00028	27.686	-.00003	.00284	.00841	.85038	.70011	2.8245
#2	-.00039	27.841	-.00043	.00284	.00824	.85401	.70122	2.7937
#3	-.00029	27.973	-.00009	.00268	.00811	.84979	.70024	2.9944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00044	262.14	-.00025	.02895	.95504	-.00021	.01758
Stddev	.00014	.00018	1.60	.00067	.00008	.02707	.00024	.01075
%RSD	694.31	40.061	.61122	269.57	.28735	2.8340	116.89	61.144

#1	.00000	.00026	260.64	.00006	.02886	.96633	-.00025	.00534
#2	-.00011	.00045	261.96	.00021	.02902	.97464	-.00043	.02192
#3	.00016	.00061	263.83	-.00101	.02897	.92416	.00005	.02549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43515	1.9977	.00169	.00186	.00832	.0028	.12595	4.0672
Stddev	.00682	.0003	.00110	.00129	.00187	.0016	.00050	.1926
%RSD	1.5676	.01641	64.870	69.108	22.431	58.57	.39449	4.7341

#1	.44298	1.9974	.00043	.00119	.00805	.0018	.12565	3.8631
#2	.43194	1.9980	.00242	.00105	.01031	.0019	.12568	4.2456
#3	.43052	1.9978	.00222	.00334	.00660	.0047	.12653	4.0930

Sample Name: K2200-02DUP Acquired: 4/12/2019 13:48:05 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.937
Stddev 1.390
%RSD 8.7211

#1 15.359
#2 14.929
#3 17.522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.5	70223.	5707.8	83.775	4394.0
Stddev	11.3	217.	19.2	1.489	12.7
%RSD	.30862	.30931	.33670	1.7767	.29005

#1	3645.5	70001.	5688.2	83.367	4379.4
#2	3656.1	70436.	5726.7	85.425	4399.0
#3	3668.0	70233.	5708.5	82.533	4403.4

Sample Name: K2200-02LX5 Acquired: 4/12/2019 13:52:39 Type: Unk
Method: P4-ICP2(v3048) 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	-.00080	-.00058	.00284	-.00054	.00065	.02774	.02078	-.00002
Stddev	.00201	.00032	.00065	.00074	.00038	.01753	.00056	.00004
%RSD	251.46	55.071	22.797	137.05	58.305	63.209	2.7114	153.48

#1	.00078	-.00072	.00215	-.00103	.00070	.04498	.02121	.00000
#2	-.00305	-.00022	.00293	-.00091	.00101	.00993	.02098	-.00001
#3	-.00012	-.00082	.00343	.00031	.00025	.02831	.02014	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	5.8407	-.00024	.00038	.00207	.17851	.14850	.57388
Stddev	.00004	.0531	.00019	.00012	.00029	.00031	.00056	.01183
%RSD	24.889	.90911	77.066	30.643	14.083	.17277	.37717	2.0614

#1	-.00023	5.8428	-.00016	.00034	.00207	.17815	.14810	.56042
#2	-.00015	5.7865	-.00046	.00028	.00178	.17872	.14827	.58264
#3	-.00015	5.8927	-.00011	.00050	.00237	.17865	.14914	.57858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	.00052	53.950	-.00008	.00536	.25697	-.00006	-.00183
Stddev	.00006	.00048	.116	.00057	.00022	.01407	.00006	.01335
%RSD	4.6063	93.131	.21580	758.47	4.0640	5.4751	92.934	728.53

#1	-.00131	-.00003	53.845	.00059	.00561	.24466	-.00009	-.01154
#2	-.00124	.00089	53.930	-.00039	.00525	.25394	.00000	-.00736
#3	-.00120	.00069	54.076	-.00043	.00522	.27231	-.00011	.01339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08224	.43360	.00099	-.00044	.00435	.0006	.02623	3.0392
Stddev	.00108	.00342	.00019	.00175	.00125	.0002	.00018	.1340
%RSD	1.3146	.78767	18.665	394.95	28.657	38.75	.69977	4.4103

#1	.08158	.43490	.00088	.00157	.00494	.0007	.02644	2.8848
#2	.08349	.43618	.00121	-.00132	.00519	.0008	.02614	3.1079
#3	.08165	.42973	.00089	-.00158	.00292	.0003	.02611	3.1251

Sample Name: K2200-02LX5 Acquired: 4/12/2019 13:52:39 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6204
 Stddev 1.7033
 %RSD 25.728

#1 5.6700
 #2 8.5869
 #3 5.6044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.6	73912.	5844.9	86.009	4783.3
Stddev	5.7	282.	45.8	2.700	3.5
%RSD	.14855	.38203	.78289	3.1390	.07274

#1	3835.0	74027.	5830.1	84.099	4787.2
#2	3823.9	73591.	5808.4	84.831	4781.8
#3	3827.0	74120.	5896.2	89.098	4780.7

Sample Name: K2200-02MS Acquired: 4/12/2019 13:57:02 Type: Unk
Method: P4-ICP2(v3048) 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	.89000	2.1923	1.1177	2.2890	.87603	2.4739	.33448	.22656	.22379
Stddev	.00521	.0075	.0027	.0049	.00119	.0225	.00311	.00033	.00008
%RSD	.58552	.34373	.24256	.21293	.13594	.91022	.93009	.14383	.03583
#1	.88721	2.1988	1.1146	2.2857	.87552	2.4967	.33791	.22622	.22381
#2	.89601	2.1941	1.1193	2.2946	.87517	2.4517	.33186	.22687	.22370
#3	.88677	2.1841	1.1192	2.2866	.87739	2.4734	.33366	.22658	.22386
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.998	.46488	.23324	.35537	4.2587	.89710	5.0545	.57552	.08291
Stddev	.004	.00109	.00012	.00061	.0100	.00184	.0075	.00207	.00042
%RSD	.01449	.23358	.05345	.17258	.23554	.20547	.14791	.35887	.50637
#1	27.993	.46514	.23338	.35542	4.2494	.89505	5.0507	.57435	.08304
#2	27.999	.46368	.23313	.35595	4.2573	.89760	5.0497	.57791	.08244
#3	28.000	.46581	.23320	.35473	4.2693	.89863	5.0631	.57431	.08325
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	253.78	.35444	.25040	12.838	.46300	.35562	.41299	2.9202	.79344
Stddev	2.79	.00138	.00030	.052	.00137	.01737	.00841	.0151	.00096
%RSD	1.1002	.38823	.12056	.40356	.29560	4.8843	2.0358	.51614	.12084
#1	254.91	.35358	.25033	12.882	.46293	.36395	.41357	2.9135	.79452
#2	250.60	.35371	.25073	12.781	.46440	.33566	.42109	2.9374	.79268
#3	255.82	.35602	.25015	12.852	.46167	.36726	.40430	2.9096	.79311
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23518	.23600	6.668	.34246	3.9656	6.1935			
Stddev	.00244	.00163	.021	.00100	.0675	.2791			
%RSD	1.0357	.69251	.3136	.29214	1.7021	4.5070			
#1	.23445	.23697	6.679	.34309	3.8937	6.3737			
#2	.23320	.23690	6.681	.34297	3.9753	5.8719			
#3	.23790	.23411	6.644	.34130	4.0277	6.3348			

Sample Name: K2200-02MS Acquired: 4/12/2019 13:57:02 Type: Unk
Method: P4-ICP2(v3048) 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	3660.7	70310.	5690.6	82.566	4371.5
Stddev	10.3	381.	11.1	.819	13.7
%RSD	.28155	.54138	.19582	.99142	.31246
#1	3648.8	69957.	5682.1	81.688	4356.0
#2	3666.5	70713.	5686.5	83.308	4376.5
#3	3666.8	70259.	5703.2	82.702	4381.9

Sample Name: K2200-02MSD Acquired: 4/12/2019 14:01:12 Type: Unk
Method: P4-ICP2(v3048) 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	.88929	2.1881	1.1147	2.2802	.87886	2.4601	.33274	.22607	.22299
Stddev	.00537	.0163	.0031	.0113	.00108	.0320	.00217	.00015	.00014
%RSD	.60411	.74500	.27599	.49333	.12260	1.3008	.65186	.06489	.06334
#1	.88318	2.1859	1.1123	2.2721	.87821	2.4410	.33307	.22618	.22290
#2	.89143	2.2054	1.1182	2.2930	.87827	2.4970	.33473	.22591	.22315
#3	.89326	2.1730	1.1137	2.2754	.88010	2.4422	.33043	.22613	.22291
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.930	.46361	.23207	.35532	4.2556	.89680	4.9624	.57459	.08285
Stddev	.093	.00116	.00062	.00175	.0047	.00055	.0526	.00059	.00067
%RSD	.33203	.25015	.26656	.49315	.10967	.06184	1.0603	.10187	.80506
#1	27.825	.46259	.23193	.35556	4.2553	.89616	4.9164	.57396	.08227
#2	28.001	.46337	.23274	.35694	4.2512	.89701	5.0198	.57511	.08270
#3	27.964	.46487	.23153	.35346	4.2605	.89721	4.9509	.57472	.08358
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	252.09	.35331	.24954	12.788	.46285	.36240	.40890	2.9102	.79498
Stddev	.75	.00130	.00041	.071	.00170	.01236	.00672	.0256	.00231
%RSD	.29843	.36883	.16344	.55573	.36659	3.4113	1.6437	.87974	.29090
#1	252.82	.35279	.24925	12.839	.46112	.35799	.40489	2.9194	.79238
#2	252.15	.35480	.25000	12.818	.46451	.35284	.40516	2.8812	.79679
#3	251.31	.35236	.24935	12.707	.46290	.37636	.41666	2.9299	.79579
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23275	.23915	6.644	.34058	4.0384	6.1005			
Stddev	.00135	.00163	.028	.00093	.0966	1.4752			
%RSD	.58138	.68204	.4251	.27369	2.3924	24.182			
#1	.23380	.23786	6.631	.34165	3.9320	7.6495			
#2	.23324	.23861	6.676	.33991	4.1207	4.7122			
#3	.23122	.24099	6.624	.34019	4.0625	5.9400			

Sample Name: K2200-02MSD Acquired: 4/12/2019 14:01:12 Type: Unk
Method: P4-ICP2(v3048) 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	3654.3	70497.	5699.2	82.475	4369.6
Stddev	2.3	234.	22.0	.740	6.0
%RSD	.06285	.33233	.38546	.89707	.13757
#1	3654.8	70350.	5680.2	81.622	4362.8
#2	3651.8	70374.	5723.3	82.852	4371.7
#3	3656.3	70767.	5694.2	82.951	4374.3

Sample Name: K2200-02A Acquired: 4/12/2019 14:05:22 Type: Unk
Method: P4-ICP2(v3048) 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	.89161	2.1926	1.1199	2.2968	.88075	2.4736	.33378	.22806	.22376
Stddev	.00280	.0082	.0037	.0055	.00220	.0084	.00118	.00030	.00052
%RSD	.31380	.37536	.32869	.23924	.25033	.33825	.35478	.13110	.23362
#1	.89472	2.1848	1.1165	2.2905	.87928	2.4643	.33241	.22777	.22352
#2	.88931	2.2012	1.1193	2.3007	.87969	2.4759	.33437	.22804	.22436
#3	.89079	2.1917	1.1238	2.2992	.88328	2.4805	.33455	.22837	.22340
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.940	.46590	.23349	.35621	4.2684	.89789	5.0665	.57565	.08383
Stddev	.062	.00185	.00157	.00124	.0106	.00225	.0690	.00169	.00067
%RSD	.22013	.39693	.67374	.34889	.24824	.25050	1.3618	.29368	.80405
#1	28.006	.46392	.23173	.35550	4.2626	.89887	5.0300	.57381	.08342
#2	27.933	.46620	.23397	.35550	4.2620	.89531	5.0235	.57601	.08461
#3	27.883	.46758	.23476	.35765	4.2807	.89948	5.1461	.57713	.08346
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	252.90	.35571	.25067	12.893	.46381	.35853	.41267	2.9238	.79622
Stddev	2.95	.00164	.00067	.081	.00166	.00787	.00587	.0294	.00216
%RSD	1.1661	.46185	.26755	.62515	.35780	2.1948	1.4218	1.0038	.27149
#1	249.57	.35533	.24989	12.840	.46254	.34952	.40612	2.9502	.79414
#2	253.93	.35429	.25104	12.853	.46321	.36403	.41746	2.9289	.79608
#3	255.19	.35751	.25107	12.985	.46569	.36205	.41441	2.8922	.79845
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23412	.23818	6.672	.34126	3.9542	4.8909			
Stddev	.00061	.00114	.032	.00074	.1957	1.5124			
%RSD	.26091	.48039	.4803	.21792	4.9491	30.923			
#1	.23345	.23946	6.640	.34208	4.1413	4.0631			
#2	.23427	.23780	6.704	.34063	3.7509	3.9730			
#3	.23464	.23727	6.673	.34106	3.9703	6.6365			

Sample Name: K2200-02A Acquired: 4/12/2019 14:05:22 Type: Unk
Method: P4-ICP2(v3048) 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	3641.1	69908.	5678.6	84.505	4354.2
Stddev	4.8	90.	30.4	1.232	4.2
%RSD	.13105	.12921	.53522	1.4580	.09700
#1	3639.7	70012.	5655.3	83.167	4356.8
#2	3646.4	69854.	5667.6	84.756	4349.3
#3	3637.1	69856.	5713.0	85.592	4356.4

Sample Name: K2311-01 Acquired: 4/12/2019 14:09:31 Type: Unk
Method: P4-ICP2(v3048) 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	.00086	.00084	-.00053	-.00122	.00042	.00042	.00036	-.00001
Stddev	.00118	.00114	.00026	.00097	.00058	.00710	.00032	.00001
%RSD	138.37	136.61	48.415	78.966	139.49	1699.9	87.585	124.55

#1	.00217	-.00047	-.00028	-.00231	-.00023	-.00288	.00057	-.00001
#2	.00052	.00166	-.00051	-.00045	.00089	.00857	-.00000	.00000
#3	-.00013	.00131	-.00079	-.00091	.00059	-.00444	.00053	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.02778	-.00039	-.00013	-.00002	-.00004	.00001	.00362
Stddev	.00006	.01307	.00016	.00008	.00013	.00086	.00004	.03802
%RSD	167.40	47.048	40.449	58.229	743.33	2054.4	438.64	1049.1

#1	-.00002	-.01954	-.00033	-.00008	-.00016	-.00035	.00001	-.03058
#2	.00010	-.04286	-.00057	-.00022	.00002	.00093	-.00003	-.00312
#3	.00003	-.02096	-.00027	-.00010	.00009	-.00071	.00005	.04457

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00019	.30301	.00010	.00621	.06367	-.00010	-.00119
Stddev	.00024	.00009	.01490	.00028	.00009	.03623	.00022	.00841
%RSD	45.668	47.650	4.9178	279.73	1.3928	56.901	207.62	704.30

#1	.00045	.00027	.31990	-.00009	.00623	.06741	-.00032	.00805
#2	.00081	.00020	.29739	.00042	.00612	.02571	.00011	-.00837
#3	.00034	.00009	.29173	-.00003	.00629	.09788	-.00011	-.00326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01099	.00399	-.00031	-.00043	-.00197	-.0005	-.00009	1.1842
Stddev	.00248	.00305	.00028	.00066	.00078	.0009	.00001	.1580
%RSD	22.549	76.378	91.236	153.64	39.619	193.5	13.938	13.345

#1	-.01004	.00050	-.00051	-.00092	-.00238	-.0011	-.00008	1.1334
#2	-.00913	.00613	-.00042	.00032	-.00107	.0006	-.00008	1.3614
#3	-.01380	.00535	.00001	-.00068	-.00245	-.0008	-.00010	1.0578

Sample Name: K2311-01 Acquired: 4/12/2019 14:09:31 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7074
 Stddev .3976
 %RSD 14.685

#1 2.4400
 #2 3.1643
 #3 2.5180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4159.1	80922.	6215.0	93.961	5590.7
Stddev	15.2	165.	24.9	.230	12.4
%RSD	.36445	.20374	.40031	.24487	.22208

#1	4174.8	81027.	6224.9	94.158	5602.0
#2	4158.1	81007.	6186.7	93.708	5592.8
#3	4144.5	80732.	6233.3	94.017	5577.4

Sample Name: K2379-01 Acquired: 4/12/2019 14:13:58 Type: Unk
Method: P4-ICP2(v3048) 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	.00016	.00170	.00794	-.00317	-.00118	.08899	.34350	-.00001
Stddev	.00108	.00157	.00009	.00256	.00192	.01074	.00133	.00005
%RSD	685.86	92.419	1.1088	80.726	162.40	12.067	.38584	503.83
#1	.00061	.00032	.00784	-.00062	.00098	.07662	.34353	-.00003
#2	-.00107	.00137	.00800	-.00316	-.00269	.09584	.34216	.00004
#3	.00093	.00340	.00799	-.00574	-.00182	.09452	.34481	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	288.63	.01145	-.00023	.00542	.04081	.00194	114.68
Stddev	.00002	1.20	.00024	.00014	.00039	.00044	.00007	.35
%RSD	2.4830	.41420	2.0910	59.784	7.2310	1.0852	3.7364	.30534
#1	-.00086	288.48	.01171	-.00031	.00543	.04130	.00196	115.08
#2	-.00089	287.51	.01124	-.00030	.00502	.04044	.00200	114.47
#3	-.00085	289.89	.01140	-.00007	.00580	.04068	.00186	114.48
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00074	1272.3	.00080	.14806	48.397	.08641	.42347
Stddev	.00030	.00038	11.2	.00041	.00016	.326	.00035	.02382
%RSD	13.676	51.182	.87676	52.072	.10812	.67412	.40578	5.6245
#1	.00200	.00113	1285.0	.00119	.14824	48.270	.08679	.45091
#2	.00200	.00072	1268.0	.00084	.14799	48.153	.08633	.41130
#3	.00252	.00037	1264.0	.00036	.14795	48.768	.08610	.40818
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.119	F 15.594	-.02699	-.00818	.03464	.0257	1.9109	5.6153
Stddev	.189	.048	.00072	.00108	.00193	.0003	.0103	.1580
%RSD	.23919	.30615	2.6720	13.208	5.5810	1.199	.53748	2.8136
#1	79.320	15.603	-.02772	-.00722	.03297	.0254	1.9083	5.6228
#2	79.095	15.543	-.02628	-.00935	.03419	.0257	1.9022	5.7694
#3	78.943	15.637	-.02697	-.00798	.03675	.0260	1.9222	5.4536

Sample Name: K2379-01 Acquired: 4/12/2019 14:13:58 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	24.859
Stddev	1.493
%RSD	6.0056

#1	25.928
#2	25.496
#3	23.153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.6	63730.	5733.3	81.991	3805.2
Stddev	3.8	166.	23.1	.310	3.3
%RSD	.11370	.26086	.40213	.37854	.08698

#1	3310.1	63783.	5743.4	82.294	3806.9
#2	3304.4	63863.	5749.6	82.005	3807.3
#3	3311.5	63544.	5706.9	81.673	3801.4

Sample Name: K2379-01DUP Acquired: 4/12/2019 14:18:29 Type: Unk
Method: P4-ICP2(v3048) 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	-.00153	.00141	.00722	-.00126	-.00010	.08420	.33762	.00006
Stddev	.00150	.00089	.00061	.00258	.00152	.02471	.00276	.00005
%RSD	97.629	63.357	8.4166	204.45	1559.2	29.349	.81778	75.481
#1	-.00015	.00057	.00789	-.00033	-.00054	.05594	.34058	.00003
#2	-.00133	.00130	.00671	-.00418	-.00135	.10172	.33512	.00004
#3	-.00312	.00234	.00707	.00072	.00160	.09495	.33716	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	288.24	.01076	-.00052	.00505	.03895	.00195	113.13
Stddev	.00005	.56	.00038	.00011	.00052	.00060	.00007	.17
%RSD	6.7314	.19548	3.4937	22.042	10.386	1.5290	3.5851	.15026
#1	-.00072	288.22	.01035	-.00062	.00448	.03832	.00190	113.32
#2	-.00082	288.81	.01083	-.00055	.00551	.03951	.00191	113.06
#3	-.00081	287.69	.01109	-.00039	.00515	.03902	.00203	113.00
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	.00082	1215.4	.00083	.14929	48.094	.08660	.41308
Stddev	.00069	.00037	11.3	.00013	.00045	.303	.00022	.00794
%RSD	38.360	44.819	.92732	15.444	.30376	.63056	.25282	1.9218
#1	.00189	.00121	1225.4	.00091	.14939	48.443	.08658	.40985
#2	.00106	.00048	1217.5	.00068	.14968	47.888	.08640	.42212
#3	.00242	.00079	1203.2	.00090	.14879	47.953	.08683	.40726
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.567	F 15.684	-.02797	-.00761	.03459	.0254	1.9015	5.9097
Stddev	.146	.155	.00032	.00128	.00118	.0026	.0015	.0912
%RSD	.18312	.98584	1.1536	16.853	3.4198	10.26	.07950	1.5425
#1	79.439	15.525	-.02762	-.00712	.03528	.0283	1.9006	5.9652
#2	79.725	15.834	-.02825	-.00664	.03526	.0245	1.9033	5.8045
#3	79.537	15.693	-.02805	-.00906	.03322	.0233	1.9007	5.9594

Sample Name: K2379-01DUP Acquired: 4/12/2019 14:18:29 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 24.960
Stddev 2.591
%RSD 10.380

#1 22.200
#2 27.339
#3 25.340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.2	64149.	5684.7	81.663	3807.7
Stddev	5.6	186.	38.3	.695	1.8
%RSD	.16927	.29033	.67397	.85052	.04729

#1	3319.0	63939.	5726.5	82.219	3808.9
#2	3315.6	64217.	5651.3	81.886	3805.6
#3	3308.1	64292.	5676.3	80.884	3808.5

Sample Name: CCV02 Acquired: 4/12/2019 14:27:29 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8703	4.9458	4.8837	4.8908	4.9309	9.8967	9.8592	.24685
Stddev	.0079	.0062	.0060	.0100	.0111	.0199	.0141	.00021
%RSD	.16175	.12607	.12196	.20399	.22563	.20105	.14341	.08340
#1	4.8704	4.9445	4.8880	4.8940	4.9379	9.9019	9.8465	.24706
#2	4.8782	4.9403	4.8769	4.8988	4.9369	9.9135	9.8567	.24684
#3	4.8624	4.9526	4.8862	4.8797	4.9181	9.8747	9.8744	.24665
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4365	24.925	.98103	2.4472	1.2436	4.9393	2.4965	24.544
Stddev	.0014	.072	.00115	.0023	.0034	.0037	.0009	.041
%RSD	.05908	.29042	.11714	.09448	.27167	.07383	.03728	.16528
#1	2.4379	24.917	.98170	2.4495	1.2462	4.9379	2.4969	24.513
#2	2.4350	24.856	.97971	2.4449	1.2449	4.9434	2.4972	24.529
#3	2.4366	25.000	.98169	2.4471	1.2398	4.9365	2.4954	24.590
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4487	1.2302	24.256	2.4652	2.4390	24.752	4.9522	4.8926
Stddev	.0017	.0008	.010	.0010	.0009	.051	.0108	.0187
%RSD	.07032	.06490	.04101	.04077	.03548	.20785	.21723	.38280
#1	2.4472	1.2311	24.252	2.4658	2.4393	24.718	4.9576	4.9095
#2	2.4482	1.2298	24.267	2.4640	2.4381	24.727	4.9593	4.8725
#3	2.4506	1.2296	24.249	2.4657	2.4397	24.811	4.9398	4.8957
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8214	4.8804	4.8767	4.9582	4.9501	4.830	4.9604	F 3.6780
Stddev	.0013	.0246	.0041	.0040	.0251	.011	.0175	.0759
%RSD	.02773	.50515	.08440	.07991	.50699	.2302	.35275	2.0627
#1	4.8199	4.8882	4.8720	4.9595	4.9555	4.817	4.9558	3.5977
#2	4.8225	4.8528	4.8784	4.9613	4.9227	4.836	4.9456	3.7485
#3	4.8219	4.9003	4.8797	4.9537	4.9720	4.837	4.9797	3.6877

Sample Name: CCV02 Acquired: 4/12/2019 14:27:29 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3913
Stddev	2.5516
%RSD	106.70

#1	2.3587
#2	4.9589
#3	-.14389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.4	74992.	5987.3	86.871	4646.5
Stddev	7.8	158.	24.4	.544	5.4
%RSD	.20107	.21094	.40757	.62600	.11549

#1	3856.9	74883.	5964.8	86.980	4643.2
#2	3861.4	74919.	6013.2	86.281	4652.7
#3	3872.0	75174.	5983.9	87.352	4643.7

Sample Name: CCB02 Acquired: 4/12/2019 14:31:27 Type: Unk
Method: P4-ICP2(v3048) 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	-.00101	.00168	.00035	.00040	.00035	-.00038	.00040	.00004
Stddev	.00162	.00108	.00079	.00260	.00079	.01491	.00018	.00006
%RSD	161.29	64.073	225.42	657.08	226.26	3966.5	45.524	135.79
#1	-.00287	.00090	.00082	.00034	.00106	.00309	.00059	.00008
#2	.00006	.00291	-.00056	-.00218	-.00050	-.01672	.00022	-.00002
#3	-.00020	.00124	.00079	.00303	.00048	.01250	.00040	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01763	-.00004	-.00013	.00007	-.00038	.00013	.01867
Stddev	.00006	.00319	.00034	.00014	.00014	.00029	.00006	.03178
%RSD	274.83	18.081	761.17	108.07	216.39	75.410	45.880	170.20
#1	-.00008	-.01430	-.00039	-.00004	.00023	-.00036	.00019	-.01788
#2	.00004	-.02065	-.00002	-.00006	.00001	-.00010	.00010	.03978
#3	-.00003	-.01795	.00028	-.00030	-.00004	-.00068	.00009	.03410
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00022	.43460	-.00016	-.00093	.17242	.00021	.01213
Stddev	.00021	.00026	.01083	.00012	.00003	.02666	.00020	.00103
%RSD	198.35	119.08	2.4927	76.598	3.1410	15.463	95.385	8.4968
#1	-.00033	.00022	.44635	-.00006	-.00095	.20306	-.00002	.01257
#2	.00008	-.00004	.43243	-.00012	-.00095	.15450	.00033	.01286
#3	-.00007	.00049	.42502	-.00030	-.00090	.15971	.00033	.01095
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	.00361	.00108	-.00004	.00394	.0012	-.00003	F 2.3337
Stddev	.00301	.00183	.00020	.00152	.00074	.0010	.00004	.2557
%RSD	333.64	50.603	18.652	3434.4	18.851	83.01	128.69	10.957
#1	-.00340	.00262	.00131	.00117	.00436	.0001	.00001	2.6285
#2	-.00173	.00572	.00100	.00045	.00308	.0020	-.00008	2.1714
#3	.00243	.00249	.00093	-.00175	.00437	.0016	-.00004	2.2013

Sample Name: CCB02 Acquired: 4/12/2019 14:31:27 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5392
Stddev 2.4854
%RSD 161.47

#1 2.5515
#2 3.3587
#3 -1.2925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4059.6	78894.	6064.5	91.086	5362.9
Stddev	4.1	381.	48.4	2.599	3.4
%RSD	.10128	.48231	.79775	2.8529	.06392

#1	4056.3	78457.	6064.3	88.092	5361.7
#2	4058.2	79073.	6016.2	92.417	5360.2
#3	4064.2	79152.	6113.0	92.750	5366.7

Sample Name: K2379-01LX5 Acquired: 4/12/2019 14:35:56 Type: Unk
Method: P4-ICP2(v3048) 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	-.00055	.00204	.00391	.00055	-.00061	.02135	.06496	.00002
Stddev	.00075	.00151	.00009	.00097	.00085	.02201	.00017	.00003
%RSD	137.14	74.319	2.2408	175.74	137.88	103.06	.26240	171.78
#1	.00021	.00073	.00386	.00102	-.00109	.03688	.06483	-.00001
#2	-.00129	.00169	.00401	-.00056	.00036	.03102	.06515	.00005
#3	-.00056	.00369	.00385	.00119	-.00112	-.00383	.06488	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	61.102	.00256	-.00029	.00194	.00942	.00046	22.254
Stddev	.00002	.203	.00019	.00044	.00016	.00040	.00004	.010
%RSD	3.3459	.33164	7.2845	151.02	8.1528	4.2654	9.6327	.04704
#1	-.00047	61.202	.00242	-.00068	.00194	.00936	.00042	22.262
#2	-.00050	61.236	.00277	.00019	.00209	.00905	.00051	22.242
#3	-.00049	60.869	.00249	-.00038	.00178	.00985	.00045	22.258
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00085	259.61	.00025	.02690	8.5657	.01792	.07874
Stddev	.00035	.00046	1.82	.00033	.00008	.0521	.00034	.02130
%RSD	22.594	53.819	.70048	129.38	.28637	.60805	1.9244	27.051
#1	-.00197	.00080	257.68	.00030	.02694	8.5633	.01820	.05424
#2	-.00131	.00133	261.29	-.00009	.02681	8.6189	.01753	.08908
#3	-.00143	.00042	259.85	.00056	.02695	8.5149	.01802	.09288
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.788	3.3807	-.00390	-.00151	.01050	.0029	.39407	4.4938
Stddev	.055	.0231	.00051	.00155	.00135	.0016	.00100	.2677
%RSD	.37069	.68259	12.984	103.08	12.883	54.33	.25265	5.9561
#1	14.757	3.3829	-.00415	-.00330	.00894	.0045	.39463	4.4265
#2	14.756	3.4026	-.00331	-.00073	.01118	.0014	.39465	4.2662
#3	14.851	3.3566	-.00422	-.00050	.01138	.0026	.39292	4.7887

Sample Name: K2379-01LX5 Acquired: 4/12/2019 14:35:56 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.078
Stddev	.749
%RSD	3.9261

#1	18.512
#2	18.795
#3	19.927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.5	71744.	5927.0	87.527	4467.0
Stddev	3.8	175.	16.1	.782	4.4
%RSD	.10217	.24441	.27209	.89354	.09768

#1	3715.1	71634.	5927.5	88.305	4464.0
#2	3721.9	71651.	5910.5	87.534	4472.0
#3	3721.5	71946.	5942.8	86.741	4465.0

Sample Name: K2379-01MS Acquired: 4/12/2019 14:40:29 Type: Unk
Method: P4-ICP2(v3048) 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	.86977	1.9588	1.0205	2.1905	.87099	2.3702	.56162	.22753
Stddev	.00672	.0124	.0043	.0185	.00062	.0208	.00210	.00110
%RSD	.77294	.63257	.41605	.84410	.07090	.87769	.37349	.48368
#1	.87751	1.9730	1.0250	2.2064	.87144	2.3598	.56110	.22727
#2	.86635	1.9537	1.0199	2.1702	.87028	2.3942	.56392	.22874
#3	.86543	1.9498	1.0166	2.1949	.87123	2.3567	.55982	.22659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20727	291.62	.42444	.21069	.31591	3.1434	.20976	114.60
Stddev	.00019	1.27	.00174	.00028	.00128	.0072	.00098	.14
%RSD	.09026	.43706	.41100	.13117	.40405	.22779	.46648	.12010
#1	.20739	290.22	.42243	.21078	.31690	3.1494	.20996	114.55
#2	.20735	291.93	.42556	.21038	.31636	3.1452	.21063	114.76
#3	.20705	292.72	.42534	.21092	.31447	3.1355	.20870	114.50
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52350	.08289	1237.0	.32339	.33652	60.548	.50391	.74108
Stddev	.00155	.00063	8.4	.00033	.00106	.053	.00116	.01307
%RSD	.29656	.76603	.67666	.10298	.31462	.08770	.22958	1.7636
#1	.52529	.08235	1246.5	.32305	.33768	60.515	.50525	.75453
#2	.52252	.08359	1233.7	.32341	.33561	60.609	.50332	.74028
#3	.52269	.08273	1230.8	.32371	.33628	60.519	.50317	.72843
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.774	F 16.596	.71611	.20104	.26418	6.891	2.1148	6.4621
Stddev	.314	.184	.00267	.00032	.00097	.053	.0109	.2726
%RSD	.39344	1.1074	.37311	.15919	.36882	.7634	.51409	4.2181
#1	80.136	16.413	.71916	.20103	.26456	6.952	2.1041	6.6406
#2	79.614	16.594	.71498	.20136	.26308	6.856	2.1144	6.5972
#3	79.574	16.780	.71418	.20072	.26492	6.866	2.1258	6.1483

Sample Name: K2379-01MS Acquired: 4/12/2019 14:40:29 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	26.333
Stddev	3.708
%RSD	14.081

#1	24.112
#2	30.613
#3	24.273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.3	65035.	5686.4	82.870	3812.7
Stddev	3.9	87.	43.3	.697	5.9
%RSD	.11630	.13452	.76140	.84148	.15362

#1	3329.5	65045.	5723.8	83.417	3809.6
#2	3325.3	65118.	5696.3	82.085	3809.2
#3	3333.0	64944.	5639.0	83.109	3819.5

Sample Name: K2379-01MSD Acquired: 4/12/2019 14:44:40 Type: Unk
Method: P4-ICP2(v3048) 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	.86529	1.9497	1.0158	2.1806	.86488	2.3630	.56177	.22632
Stddev	.00414	.0005	.0017	.0105	.00394	.0318	.00188	.00063
%RSD	.47825	.02688	.16303	.47946	.45583	1.3456	.33494	.27639
#1	.86259	1.9493	1.0152	2.1689	.86058	2.3975	.56051	.22682
#2	.86324	1.9495	1.0145	2.1840	.86571	2.3348	.56393	.22562
#3	.87006	1.9503	1.0176	2.1890	.86834	2.3567	.56088	.22653
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20634	289.84	.41741	.20929	.31496	3.1099	.20839	114.50
Stddev	.00057	.39	.00133	.00029	.00025	.0097	.00088	.23
%RSD	.27485	.13426	.31938	.13833	.07888	.31234	.42450	.19803
#1	.20573	289.57	.41635	.20918	.31485	3.1110	.20834	114.31
#2	.20643	289.66	.41696	.20962	.31478	3.0997	.20753	114.75
#3	.20686	290.28	.41891	.20908	.31524	3.1191	.20930	114.43
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51982	.08231	1201.2	.32191	.32582	60.645	.50170	.73160
Stddev	.00139	.00006	16.7	.00082	.00082	.247	.00148	.01265
%RSD	.26825	.06689	1.3932	.25410	.25300	.40746	.29449	1.7292
#1	.51822	.08238	1220.3	.32232	.32487	60.441	.50203	.74595
#2	.52078	.08227	1189.2	.32097	.32633	60.920	.50009	.72677
#3	.52047	.08229	1194.1	.32245	.32626	60.575	.50299	.72207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.208	F 16.408	.71171	.19782	.26157	6.860	2.1005	6.6598
Stddev	.319	.048	.00177	.00171	.00178	.019	.0047	.0667
%RSD	.40315	.29539	.24856	.86262	.68157	.2724	.22166	1.0016
#1	79.577	16.435	.71365	.19843	.26032	6.880	2.0952	6.5828
#2	79.025	16.352	.71132	.19589	.26079	6.843	2.1021	6.6984
#3	79.023	16.437	.71018	.19914	.26361	6.856	2.1041	6.6982

Sample Name: K2379-01MSD Acquired: 4/12/2019 14:44:40 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	26.128
Stddev	2.828
%RSD	10.825

#1	28.623
#2	26.706
#3	23.055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.0	64402.	5659.4	82.435	3803.9
Stddev	3.2	20.	18.9	.698	2.4
%RSD	.09611	.03092	.33480	.84686	.06205

#1	3317.5	64418.	5652.4	83.042	3806.1
#2	3319.8	64408.	5680.8	82.592	3804.1
#3	3313.5	64380.	5644.9	81.672	3801.4

Sample Name: K2379-01A Acquired: 4/12/2019 14:48:50 Type: Unk
Method: P4-ICP2(v3048) 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	.86817	1.9638	1.0222	2.1914	.87192	2.3778	.56782	.23016
Stddev	.00274	.0109	.0043	.0045	.00366	.0339	.00087	.00066
%RSD	.31509	.55504	.42288	.20515	.42005	1.4265	.15377	.28668
#1	.86566	1.9551	1.0212	2.1864	.87035	2.3429	.56812	.23021
#2	.86778	1.9603	1.0184	2.1927	.86930	2.3796	.56850	.23080
#3	.87109	1.9760	1.0269	2.1951	.87610	2.4107	.56683	.22948
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20829	294.01	.42383	.21090	.31747	3.1517	.21171	115.73
Stddev	.00026	.50	.00050	.00080	.00059	.0044	.00109	.35
%RSD	.12378	.17079	.11812	.38089	.18608	.13908	.51597	.29865
#1	.20801	293.59	.42427	.21015	.31814	3.1562	.21203	115.77
#2	.20834	294.56	.42395	.21079	.31723	3.1516	.21261	116.05
#3	.20852	293.86	.42328	.21175	.31703	3.1474	.21049	115.37
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52282	.08436	1196.3	.32672	.32666	61.300	.50706	.74227
Stddev	.00213	.00056	15.4	.00075	.00107	.140	.00162	.01040
%RSD	.40667	.66895	1.2840	.22893	.32733	.22762	.32012	1.4011
#1	.52171	.08377	1206.8	.32686	.32647	61.452	.50562	.74705
#2	.52148	.08490	1203.6	.32739	.32570	61.271	.50673	.74942
#3	.52527	.08440	1178.7	.32591	.32781	61.177	.50882	.73034
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.780	F 16.561	.71727	.20022	.26519	6.887	2.1256	6.9702
Stddev	.236	.020	.00062	.00248	.00192	.033	.0041	.1321
%RSD	.29630	.12095	.08642	1.2400	.72287	.4794	.19390	1.8946
#1	79.637	16.583	.71793	.20187	.26544	6.859	2.1299	6.9113
#2	79.649	16.555	.71670	.20142	.26696	6.879	2.1252	7.1215
#3	80.053	16.544	.71718	.19736	.26316	6.923	2.1217	6.8779

Sample Name: K2379-01A Acquired: 4/12/2019 14:48:50 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	24.155
Stddev	2.652
%RSD	10.979

#1	22.049
#2	23.283
#3	27.134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.5	63821.	5607.4	82.536	3778.7
Stddev	3.3	228.	20.5	.960	5.1
%RSD	.10040	.35688	.36473	1.1637	.13479

#1	3285.8	63679.	5597.6	83.325	3777.4
#2	3292.0	63701.	5593.6	81.467	3784.3
#3	3290.8	64084.	5630.9	82.817	3774.4

Sample Name: K2056-05 Acquired: 4/12/2019 14:52:59 Type: Unk
Method: P4-ICP2(v3048) 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	-.00103	-.00016	.00295	-.00074	.00001	.41570	.01706	-.00010
Stddev	.00264	.00090	.00103	.00095	.00148	.01189	.00021	.00007
%RSD	255.30	560.89	34.904	127.48	21068.	2.8611	1.2327	62.411

#1	-.00381	.00024	.00176	-.00003	-.00043	.42026	.01714	-.00003
#2	-.00074	.00047	.00344	-.00038	-.00120	.40220	.01722	-.00015
#3	.00145	-.00119	.00363	-.00182	.00165	.42463	.01682	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	2.0408	.00137	-.00006	.00287	.01109	.01278	.01041
Stddev	.00007	.0157	.00042	.00024	.00025	.00057	.00008	.02237
%RSD	26.067	.77004	30.240	401.55	8.7715	5.1612	.66254	214.78

#1	-.00021	2.0304	.00158	-.00027	.00290	.01082	.01277	.02550
#2	-.00035	2.0330	.00089	.00019	.00310	.01070	.01271	.02102
#3	-.00027	2.0588	.00164	-.00009	.00260	.01175	.01288	-.01528

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00339	.00063	433.98	.00170	.00136	1.1411	.00017	.01250
Stddev	.00032	.00047	1.60	.00051	.00009	.0361	.00013	.00906
%RSD	9.5500	75.028	.36953	30.115	6.7538	3.1614	80.115	72.470

#1	-.00326	.00008	433.00	.00229	.00146	1.1004	.00025	.00840
#2	-.00315	.00092	435.83	.00146	.00129	1.1691	.00001	.02288
#3	-.00376	.00087	433.12	.00135	.00131	1.1539	.00024	.00621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11298	.92369	.00104	-.00072	.00946	.0106	.00916	5.4481
Stddev	.00475	.00387	.00023	.00023	.00072	.0006	.00009	.1047
%RSD	4.2048	.41941	21.885	31.913	7.5859	5.247	1.0285	1.9225

#1	.11530	.91928	.00099	-.00091	.00948	.0100	.00919	5.3457
#2	.11613	.92655	.00130	-.00079	.01016	.0111	.00923	5.5550
#3	.10752	.92524	.00085	-.00046	.00873	.0106	.00905	5.4438

Sample Name: K2056-05 Acquired: 4/12/2019 14:52:59 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.9302
 Stddev 1.6083
 %RSD 16.196

#1 9.6424
 #2 8.4853
 #3 11.663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.8	69501.	5766.3	82.453	4310.9
Stddev	4.2	209.	23.0	.754	6.7
%RSD	.11567	.30013	.39868	.91439	.15633

#1	3628.0	69285.	5751.8	83.058	4312.5
#2	3623.4	69701.	5754.2	81.608	4303.6
#3	3631.8	69518.	5792.8	82.692	4316.8

Sample Name: K2056-05DUP Acquired: 4/12/2019 14:57:33 Type: Unk
Method: P4-ICP2(v3048) 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	-.00237	-.00045	.00351	.00104	.00108	.42040	.01796	-.00005
Stddev	.00101	.00214	.00027	.00186	.00291	.02155	.00072	.00003
%RSD	42.520	470.79	7.8251	178.85	270.09	5.1249	4.0124	55.028

#1	-.00335	-.00181	.00369	-.00070	.00113	.39868	.01826	-.00006
#2	-.00242	-.00156	.00364	.00082	.00396	.42077	.01713	-.00007
#3	-.00134	.00201	.00319	.00300	-.00186	.44177	.01848	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	2.0614	.00131	-.00018	.00321	.01112	.01029	.03526
Stddev	.00008	.0127	.00001	.00013	.00026	.00023	.00011	.04592
%RSD	27.195	.61591	.94660	73.554	7.9912	2.0607	1.0410	130.20

#1	-.00036	2.0471	.00130	-.00032	.00302	.01096	.01021	.06478
#2	-.00024	2.0660	.00130	-.00006	.00311	.01139	.01025	.05865
#3	-.00023	2.0712	.00132	-.00015	.00350	.01103	.01041	-.01764

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	.00086	456.68	.00196	.00135	.92962	.00015	.01986
Stddev	.00041	.00034	4.34	.00029	.00003	.01175	.00011	.01129
%RSD	11.614	39.508	.94990	14.874	2.2790	1.2641	70.814	56.847

#1	-.00379	.00125	461.34	.00207	.00132	.92150	.00005	.02415
#2	-.00304	.00063	452.75	.00218	.00138	.94309	.00026	.00706
#3	-.00370	.00070	455.97	.00163	.00134	.92426	.00015	.02839

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08672	.92238	.00158	.00200	.00963	.0108	.00929	5.1490
Stddev	.00202	.01032	.00022	.00020	.00144	.0006	.00001	.0981
%RSD	2.3322	1.1184	13.765	10.017	14.979	5.589	.08715	1.9054

#1	.08471	.91743	.00174	.00199	.01013	.0115	.00928	5.1988
#2	.08876	.93423	.00167	.00221	.00801	.0106	.00930	5.0360
#3	.08668	.91546	.00133	.00181	.01076	.0104	.00929	5.2122

Sample Name: K2056-05DUP Acquired: 4/12/2019 14:57:33 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.7248
Stddev 1.7874
%RSD 20.487

#1 7.6531
#2 7.7330
#3 10.788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.7	69537.	5769.2	83.900	4300.5
Stddev	7.0	239.	40.4	.734	6.6
%RSD	.19382	.34312	.70006	.87473	.15325

#1	3613.0	69511.	5812.4	83.933	4294.7
#2	3622.3	69787.	5732.4	84.617	4307.7
#3	3626.8	69312.	5762.8	83.150	4299.2

Sample Name: K2056-05LX5 Acquired: 4/12/2019 15:02:07 Type: Unk
Method: P4-ICP2(v3048) 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	-.00107	-.00023	.00170	.00019	.00012	.07346	.00366	-.00002
Stddev	.00166	.00059	.00051	.00017	.00101	.00979	.00013	.00006
%RSD	155.09	260.57	29.902	93.141	806.66	13.331	3.4368	409.88

#1	-.00141	-.00087	.00111	.00002	.00045	.06251	.00357	.00006
#2	-.00253	-.00009	.00201	.00036	-.00100	.07650	.00380	-.00005
#3	.00073	.00028	.00198	.00018	.00093	.08138	.00362	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.40450	.00002	-.00011	.00136	.00230	.00225	.01938
Stddev	.00007	.02370	.00026	.00011	.00036	.00062	.00002	.02893
%RSD	48.710	5.8591	1071.5	106.97	26.201	27.218	1.0321	149.33

#1	-.00009	.41055	-.00013	-.00012	.00163	.00299	.00223	.02569
#2	-.00022	.37837	.00033	-.00021	.00096	.00212	.00228	-.01219
#3	-.00012	.42460	-.00013	.00001	.00150	.00178	.00224	.04463

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.00030	94.514	-.00002	-.00015	.37792	-.00032	-.00159
Stddev	.00028	.00053	.297	.00005	.00005	.03762	.00008	.00527
%RSD	17.085	179.51	.31397	261.09	33.422	9.9544	25.020	331.87

#1	-.00141	.00046	94.458	-.00008	-.00019	.37669	-.00034	.00201
#2	-.00152	-.00030	94.250	.00002	-.00010	.34093	-.00039	-.00764
#3	-.00193	.00073	94.835	-.00000	-.00016	.41614	-.00023	.00087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01665	.20325	.00082	.00046	.00569	.0007	.00179	3.7072
Stddev	.00332	.00406	.00031	.00168	.00132	.0011	.00007	.0253
%RSD	19.973	1.9957	37.551	367.31	23.154	166.7	3.7622	.68296

#1	.01969	.20659	.00071	-.00146	.00636	.0020	.00172	3.7343
#2	.01715	.19874	.00117	.00121	.00417	-.0001	.00179	3.6842
#3	.01310	.20442	.00058	.00163	.00653	.0002	.00186	3.7032

Sample Name: K2056-05LX5 Acquired: 4/12/2019 15:02:07 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3787
Stddev	2.9283
%RSD	45.907

#1	3.2195
#2	9.0020
#3	6.9145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.0	74081.	5891.8	85.912	4727.7
Stddev	1.9	213.	48.5	.515	7.4
%RSD	.05050	.28799	.82312	.59919	.15585

#1	3840.4	73893.	5836.1	85.886	4734.2
#2	3836.8	74313.	5914.7	86.440	4719.7
#3	3839.8	74037.	5924.6	85.411	4729.1

Sample Name: K2056-05MS Acquired: 4/12/2019 15:06:33 Type: Unk
Method: P4-ICP2(v3048) 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	.76183	1.8640	.94692	1.9781	.77616	2.4145	.21962	.19490	.19590
Stddev	.00190	.0015	.00297	.0069	.00290	.0198	.00042	.00017	.00023
%RSD	.24924	.07893	.31337	.34961	.37384	.82053	.19226	.08576	.11809
#1	.76335	1.8626	.94920	1.9757	.77286	2.3940	.21969	.19474	.19577
#2	.76243	1.8655	.94356	1.9727	.77831	2.4335	.21917	.19488	.19576
#3	.75970	1.8638	.94800	1.9859	.77732	2.4159	.22000	.19507	.19616
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1512	.39512	.19642	.29609	2.9789	.19932	1.9378	.48797	.07110
Stddev	.0314	.00246	.00048	.00043	.0029	.00015	.0358	.00133	.00056
%RSD	.99498	.62170	.24668	.14676	.09712	.07632	1.8480	.27158	.78660
#1	3.1595	.39556	.19593	.29619	2.9807	.19939	1.9388	.48868	.07070
#2	3.1165	.39247	.19689	.29562	2.9756	.19943	1.9731	.48644	.07086
#3	3.1776	.39733	.19645	.29647	2.9805	.19915	1.9015	.48879	.07174
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	491.17	.30412	.20287	11.502	.40257	.29327	.05135	1.8109	.70122
Stddev	1.92	.00067	.00044	.022	.00051	.01199	.00498	.0021	.00434
%RSD	.39034	.21887	.21662	.19172	.12710	4.0878	9.6913	.11645	.61851
#1	490.53	.30335	.20337	11.517	.40254	.30480	.05219	1.8103	.70622
#2	493.33	.30454	.20254	11.477	.40208	.28087	.04601	1.8091	.69867
#3	489.66	.30446	.20270	11.512	.40310	.29414	.05585	1.8132	.69876
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20214	.21100	5.785	.19801	5.3973	5.0537			
Stddev	.00109	.00130	.019	.00061	.0938	2.5230			
%RSD	.54130	.61523	.3354	.31005	1.7379	49.925			
#1	.20263	.20974	5.807	.19862	5.3559	4.3878			
#2	.20290	.21233	5.769	.19803	5.5046	7.8428			
#3	.20088	.21094	5.780	.19739	5.3313	2.9303			

Sample Name: K2056-05MS Acquired: 4/12/2019 15:06:33 Type: Unk
 Method: P4-ICP2(v3048) 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	3619.4	69314.	5699.3	83.819	4275.1
Stddev	8.9	231.	25.3	1.766	13.3
%RSD	.24677	.33367	.44475	2.1074	.31033
#1	3610.6	69065.	5670.6	82.567	4260.5
#2	3628.5	69521.	5708.7	83.050	4286.5
#3	3619.1	69356.	5718.6	85.839	4278.3

Sample Name: K2056-05MSD Acquired: 4/12/2019 15:10:45 Type: Unk
Method: P4-ICP2(v3048) 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	.76434	1.8630	.94950	1.9921	.78114	2.4675	.22310	.19665	.19653
Stddev	.00190	.0026	.00099	.0096	.00210	.0176	.00051	.00031	.00012
%RSD	.24809	.13893	.10468	.48385	.26903	.71146	.22970	.15692	.06127

#1	.76306	1.8656	.94923	1.9874	.78204	2.4816	.22317	.19675	.19639
#2	.76345	1.8630	.95060	2.0032	.78264	2.4730	.22358	.19690	.19657
#3	.76652	1.8604	.94867	1.9857	.77874	2.4478	.22256	.19631	.19663

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1715	.40127	.19811	.29805	2.9940	.20074	1.9692	.48954	.07185
Stddev	.0164	.00032	.00042	.00105	.0052	.00061	.0561	.00031	.00064
%RSD	.51774	.07985	.20986	.35123	.17343	.30458	2.8478	.06411	.88931

#1	3.1564	.40160	.19806	.29740	2.9989	.20073	1.9525	.48982	.07253
#2	3.1691	.40097	.19855	.29925	2.9885	.20135	2.0317	.48920	.07126
#3	3.1890	.40124	.19773	.29749	2.9947	.20013	1.9233	.48959	.07176

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	489.54	.30799	.20363	11.684	.40459	.30163	.04589	1.8059	.70480
Stddev	3.64	.00083	.00031	.080	.00073	.01278	.00589	.0056	.00017
%RSD	.74359	.26983	.15237	.68390	.18100	4.2373	12.835	.31246	.02460

#1	486.04	.30706	.20336	11.774	.40391	.30853	.04521	1.8020	.70486
#2	489.29	.30864	.20397	11.621	.40537	.28689	.04038	1.8033	.70493
#3	493.30	.30829	.20356	11.658	.40449	.30949	.05210	1.8124	.70460

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20030	.21289	5.801	.19853	5.0501	4.0244
Stddev	.00329	.00216	.020	.00147	.0613	3.4134
%RSD	1.6426	1.0142	.3495	.73826	1.2142	84.819

#1	.20307	.21304	5.824	.20014	5.0622	2.9823
#2	.20117	.21067	5.796	.19727	5.1044	7.8375
#3	.19667	.21498	5.785	.19817	4.9836	1.2535

Sample Name: K2056-05MSD Acquired: 4/12/2019 15:10:45 Type: Unk
Method: P4-ICP2(v3048) 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	3621.7	69010.	5744.3	83.856	4287.5
Stddev	6.5	87.	18.0	1.718	9.2
%RSD	.18028	.12535	.31333	2.0492	.21383
#1	3615.9	68916.	5736.0	85.742	4277.1
#2	3620.3	69028.	5764.9	83.450	4291.1
#3	3628.8	69086.	5731.9	82.378	4294.3

Sample Name: K2056-05A Acquired: 4/12/2019 15:14:58 Type: Unk
Method: P4-ICP2(v3048) 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	.76868	1.8607	.94619	1.9939	.77923	2.4457	.22286	.19655	.19607
Stddev	.00175	.0102	.00193	.0081	.00277	.0101	.00058	.00114	.00043
%RSD	.22750	.54970	.20356	.40605	.35581	.41507	.26161	.57760	.22107

#1	.76842	1.8698	.94839	2.0010	.78240	2.4563	.22275	.19542	.19657
#2	.77055	1.8627	.94484	1.9957	.77802	2.4446	.22349	.19653	.19584
#3	.76708	1.8496	.94532	1.9851	.77726	2.4361	.22234	.19769	.19580

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1479	.39941	.19764	.29747	2.9862	.20043	1.9660	.48882	.07158
Stddev	.0129	.00201	.00083	.00051	.0135	.00088	.0523	.00191	.00043
%RSD	.40951	.50235	.41825	.17096	.45293	.43805	2.6615	.39097	.59786

#1	3.1336	.39737	.19841	.29805	2.9706	.19954	2.0263	.49094	.07111
#2	3.1515	.39950	.19677	.29713	2.9926	.20045	1.9339	.48830	.07169
#3	3.1587	.40138	.19775	.29722	2.9952	.20130	1.9377	.48723	.07195

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	488.17	.30677	.20322	11.634	.40516	.30770	.04592	1.8092	.70311
Stddev	3.08	.00154	.00039	.017	.00216	.01446	.00166	.0104	.00050
%RSD	.63031	.50252	.19261	.14476	.53210	4.7007	3.6235	.57628	.07179

#1	491.70	.30500	.20366	11.645	.40658	.30340	.04423	1.8092	.70264
#2	486.04	.30750	.20306	11.615	.40623	.29587	.04755	1.8197	.70304
#3	486.77	.30781	.20293	11.644	.40268	.32383	.04598	1.7988	.70365

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20093	.21206	5.801	.19801	4.8960	4.5452
Stddev	.00086	.00094	.038	.00072	.0973	.8298
%RSD	.42578	.44319	.6474	.36160	1.9872	18.257

#1	.20028	.21193	5.824	.19873	4.9338	3.8981
#2	.20061	.21118	5.822	.19798	4.7854	5.4808
#3	.20190	.21305	5.758	.19730	4.9687	4.2567

Sample Name: K2056-05A Acquired: 4/12/2019 15:14:58 Type: Unk
Method: P4-ICP2(v3048) 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	3611.8	69087.	5756.8	83.057	4285.2
Stddev	7.8	82.	10.7	1.150	9.0
%RSD	.21627	.11939	.18583	1.3849	.21078
#1	3608.4	69034.	5758.4	83.783	4276.7
#2	3606.2	69182.	5766.6	81.731	4284.2
#3	3620.7	69045.	5745.4	83.657	4294.7

Sample Name: CCV03 Acquired: 4/12/2019 15:19:11 Type: Unk
Method: P4-ICP2(v3048) 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	4.6393	4.7081	4.6242	4.7131	4.6489	9.4266	9.4874
Stddev	.0215	.0015	.0045	.0099	.0066	.0583	.0392
%RSD	.46422	.03192	.09623	.21064	.14224	.61799	.41331

#1	4.6268	4.7081	4.6291	4.7081	4.6449	9.4658	9.5319
#2	4.6641	4.7066	4.6204	4.7245	4.6565	9.3596	9.4580
#3	4.6268	4.7096	4.6232	4.7066	4.6453	9.4543	9.4722

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23500	2.3136	23.457	.93533	2.3141	1.1707	4.6812
Stddev	.00094	.0026	.020	.00152	.0032	.0037	.0156
%RSD	.40141	.11316	.08570	.16234	.13983	.31496	.33394

#1	.23536	2.3152	23.479	.93663	2.3125	1.1698	4.6906
#2	.23571	2.3151	23.439	.93570	2.3178	1.1748	4.6899
#3	.23393	2.3106	23.454	.93366	2.3119	1.1676	4.6632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3751	24.603	2.3137	1.2719	23.625	2.3403	2.3077
Stddev	.0088	.028	.0023	.0049	.072	.0077	.0019
%RSD	.37004	.11515	.09856	.38363	.30444	.32795	.08304

#1	2.3788	24.628	2.3161	1.2730	23.692	2.3470	2.3089
#2	2.3813	24.572	2.3134	1.2761	23.634	2.3420	2.3087
#3	2.3650	24.610	2.3116	1.2665	23.549	2.3319	2.3055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.918	4.8288	4.8453	4.6307	5.2656	4.8480	4.8823
Stddev	.103	.0107	.0315	.0130	.0182	.0091	.0164
%RSD	.41172	.22167	.64941	.28164	.34622	.18859	.33604

#1	25.028	4.8299	4.8605	4.6457	5.2553	4.8551	4.8859
#2	24.902	4.8389	4.8091	4.6233	5.2867	4.8513	4.8966
#3	24.825	4.8176	4.8662	4.6230	5.2549	4.8377	4.8644

Sample Name: CCV03 Acquired: 4/12/2019 15:19:11 Type: Unk
 Method: P4-ICP2(v3048) 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	4.5274	4.634	4.6909	F 3.6760	F<.00000
Stddev	.0122	.008	.0215	.1174	4.4964
%RSD	.26915	.1726	.45750	3.1930	546.05
#1	4.5390	4.636	4.7046	3.7534	1.9636
#2	4.5285	4.626	4.7019	3.7338	-6.0106
#3	4.5148	4.641	4.6662	3.5410	1.5767
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3795.6	72876.	5914.6	84.153	4566.6
Stddev	6.8	280.	28.9	1.535	9.2
%RSD	.18009	.38417	.48879	1.8247	.20255
#1	3792.6	72589.	5900.0	84.915	4557.3
#2	3790.8	72890.	5895.9	85.158	4566.9
#3	3803.5	73149.	5947.9	82.386	4575.8

Sample Name: CCB03 Acquired: 4/12/2019 15:23:08 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00178	-.00015	.00083	.00053	-.00822	.00049
Stddev	.00082	.00095	.00017	.00179	.00276	.00550	.00027
%RSD	97.397	53.524	111.31	216.33	519.83	66.989	55.012

#1	-.00065	.00141	-.00033	.00249	-.00081	-.00972	.00026
#2	-.00014	.00285	-.00014	-.00107	.00371	-.00212	.00078
#3	-.00174	.00106	.00001	.00108	-.00130	-.01281	.00043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00000	-.02170	-.00013	.00003	-.00051	-.00040
Stddev	.00004	.00006	.00395	.00004	.00027	.00030	.00011
%RSD	767.38	2332.8	18.195	32.842	846.69	58.158	29.101

#1	.00004	-.00005	-.02345	-.00018	-.00022	-.00029	-.00053
#2	-.00003	-.00003	-.02448	-.00010	.00031	-.00039	-.00033
#3	-.00002	.00006	-.01718	-.00011	.00000	-.00085	-.00033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.03054	.00017	.00031	.35936	-.00040	-.00106
Stddev	.00003	.02083	.00021	.00019	.00915	.00024	.00009
%RSD	184.42	68.202	127.50	63.214	2.5467	59.595	8.0948

#1	.00002	-.01037	.00010	.00024	.36674	-.00029	-.00098
#2	-.00003	-.02929	.00041	.00052	.36222	-.00024	-.00115
#3	-.00004	-.05197	-.00000	.00015	.34912	-.00068	-.00104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20770	.00017	.02396	-.00686	.00924	.00077	.00107
Stddev	.02339	.00012	.00495	.00076	.00092	.00049	.00202
%RSD	11.262	68.418	20.643	11.008	9.9627	63.590	188.71

#1	.18244	.00014	.01962	-.00616	.00969	.00091	-.00060
#2	.22861	.00030	.02935	-.00766	.00818	.00118	.00050
#3	.21206	.00007	.02291	-.00677	.00984	.00023	.00331

Sample Name: CCB03 Acquired: 4/12/2019 15:23:08 Type: Unk
 Method: P4-ICP2(v3048) 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	.00151	-.0003	-.00008	F 2.1027	F<.00000
Stddev	.00171	.0006	.00003	.1704	1.3041
%RSD	112.99	201.7	39.880	8.1033	106.24

#1	.00064	-.0001	-.00011	1.9929	-1.3192
#2	.00348	.0002	-.00005	2.2989	.11993
#3	.00041	-.0009	-.00008	2.0161	-2.4834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4032.1	77826.	6025.3	89.261	5327.3
Stddev	8.2	142.	17.3	1.813	8.0
%RSD	.20369	.18186	.28759	2.0315	.14956

#1	4029.7	77827.	6013.1	91.042	5328.7
#2	4041.2	77685.	6045.1	89.325	5334.4
#3	4025.3	77968.	6017.6	87.417	5318.6

Sample Name: PB118835BL Acquired: 4/12/2019 15:27:37 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00073	-.00056	-.00111	-.00016	-.00380	.00049
Stddev	.00130	.00098	.00028	.00056	.00050	.00805	.00009
%RSD	200.39	134.57	50.946	50.213	312.79	211.64	19.399

#1	.00058	.00140	-.00087	-.00171	-.00073	.00401	.00046
#2	-.00062	.00118	-.00050	-.00062	.00018	-.01206	.00041
#3	.00198	-.00040	-.00031	-.00098	.00008	-.00335	.00059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	-.02832	.00020	-.00004	-.00033	-.00007
Stddev	.00003	.00004	.01023	.00036	.00013	.00043	.00036
%RSD	410.82	125.87	36.112	184.41	315.39	130.97	511.17

#1	-.00003	-.00001	-.02121	.00062	.00010	-.00015	-.00030
#2	.00003	-.00008	-.02370	-.00004	-.00007	-.00002	-.00026
#3	.00003	-.00001	-.04004	.00001	-.00016	-.00081	.00035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01328	.00026	.00034	.27190	-.00031	-.00109
Stddev	.00004	.01688	.00021	.00021	.00983	.00020	.00005
%RSD	1777.2	127.08	83.128	61.704	3.6164	63.262	4.2946

#1	-.00001	-.00180	.00001	.00052	.27591	-.00054	-.00106
#2	.00004	.01013	.00037	.00011	.26070	-.00017	-.00114
#3	-.00004	.03151	.00039	.00037	.27910	-.00023	-.00107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19198	.00003	.00470	-.00813	.00421	.00012	-.00166
Stddev	.01807	.00030	.00399	.00242	.00113	.00068	.00126
%RSD	9.4126	931.64	84.981	29.746	26.853	578.70	76.005

#1	.18808	-.00019	.00159	-.00723	.00520	.00090	-.00237
#2	.17617	-.00008	.00920	-.01087	.00298	-.00034	-.00020
#3	.21168	.00037	.00330	-.00630	.00445	-.00020	-.00240

Sample Name: PB118835BL Acquired: 4/12/2019 15:27:37 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.0014	-.00008	F 1.9738	F<.00000
Stddev	.00150	.0005	.00009	.2215	.48795
%RSD	538.21	37.70	119.48	11.223	15.352
#1	-.00077	-.0014	.00002	1.7692	-3.5527
#2	.00200	-.0019	-.00010	1.9431	-3.3558
#3	-.00039	-.0009	-.00015	2.2091	-2.6265
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4026.8	77504.	6056.0	90.664	5323.7
Stddev	8.4	154.	16.9	.825	10.0
%RSD	.20795	.19920	.27916	.91002	.18830
#1	4020.2	77326.	6072.5	91.483	5312.2
#2	4036.2	77596.	6056.7	90.675	5330.5
#3	4023.9	77591.	6038.7	89.833	5328.4

Sample Name: PB118835BS Acquired: 4/12/2019 15:32:05 Type: Unk
Method: P4-ICP2(v3048) 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	.71505	1.9051	.92334	1.8312	.73575	1.8950	.19306
Stddev	.00429	.0034	.00047	.0065	.00248	.0264	.00129
%RSD	.60044	.18010	.05061	.35361	.33722	1.3923	.67058

#1	.71918	1.9046	.92386	1.8386	.73857	1.8649	.19167
#2	.71536	1.9020	.92320	1.8266	.73393	1.9061	.19328
#3	.71061	1.9088	.92296	1.8285	.73474	1.9141	.19423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18329	.17855	1.0172	.40091	.19048	.30352	3.0021
Stddev	.00032	.00028	.0017	.00166	.00042	.00087	.0036
%RSD	.17717	.15900	.16325	.41394	.22059	.28810	.12058

#1	.18298	.17876	1.0179	.40081	.19004	.30443	2.9990
#2	.18325	.17867	1.0153	.40262	.19088	.30268	3.0011
#3	.18363	.17823	1.0185	.39931	.19051	.30345	3.0061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20206	1.8970	.47355	.06963	3.0744	.29738	.17856
Stddev	.00027	.0203	.00064	.00051	.0226	.00053	.00010
%RSD	.13600	1.0676	.13477	.73562	.73527	.17674	.05820

#1	.20175	1.8737	.47359	.06943	3.0509	.29681	.17854
#2	.20226	1.9095	.47416	.06924	3.0959	.29749	.17867
#3	.20217	1.9079	.47289	.07021	3.0764	.29784	.17847

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5083	.39778	.29735	F -.01412	.88776	.64748	.19653
Stddev	.0023	.00160	.01948	.00249	.00611	.00263	.00279
%RSD	.02417	.40157	6.5501	17.650	.68863	.40589	1.4220

#1	9.5103	.39957	.28142	-.01132	.89380	.64978	.19438
#2	9.5088	.39649	.31906	-.01610	.88158	.64461	.19553
#3	9.5058	.39729	.29157	-.01493	.88790	.64805	.19969

Sample Name: PB118835BS Acquired: 4/12/2019 15:32:05 Type: Unk
Method: P4-ICP2(v3048) 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	.19828	F 4.968	.19500	F 2.5109	F<.00000
Stddev	.00097	.015	.00018	.1415	2.0802
%RSD	.49061	.3013	.09210	5.6360	17.578
#1	.19817	4.985	.19480	2.5227	-13.767
#2	.19930	4.956	.19516	2.6461	-12.103
#3	.19737	4.964	.19504	2.3638	-9.6330
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3938.8	76302.	5824.6	85.892	5063.8
Stddev	16.3	91.	22.2	1.089	11.1
%RSD	.41447	.11932	.38198	1.2673	.21918
#1	3920.9	76244.	5798.9	85.830	5052.9
#2	3942.5	76254.	5836.2	87.010	5063.3
#3	3953.0	76407.	5838.6	84.836	5075.1

Sample Name: PB118838BL Acquired: 4/12/2019 15:36:10 Type: Unk
Method: P4-ICP2(v3048) 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	-.00123	.00007	-.00033	-.00055	-.00130	.00389	.00083
Stddev	.00154	.00022	.00016	.00061	.00099	.01681	.00035
%RSD	124.85	330.99	47.521	111.94	75.670	432.42	42.036

#1	-.00043	.00018	-.00050	-.00115	-.00026	-.00002	.00115
#2	-.00301	.00021	-.00020	.00007	-.00221	.02231	.00046
#3	-.00026	-.00019	-.00029	-.00056	-.00144	-.01062	.00086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00003	-.01912	-.00058	-.00005	-.00041	-.00042
Stddev	.00003	.00003	.00844	.00015	.00017	.00049	.00040
%RSD	136.37	79.458	44.134	25.647	350.11	120.88	94.749

#1	.00003	-.00001	-.01706	-.00050	.00012	.00002	-.00021
#2	.00006	-.00006	-.02840	-.00049	-.00005	-.00094	-.00017
#3	-.00001	-.00003	-.01190	-.00075	-.00022	-.00029	-.00088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01268	.00005	.00011	.19552	-.00005	-.00099
Stddev	.00006	.03811	.00016	.00005	.00690	.00018	.00003
%RSD	791.12	300.69	306.85	44.160	3.5278	359.58	3.1079

#1	-.00008	-.01315	-.00012	.00007	.19219	.00009	-.00096
#2	.00004	-.00528	.00021	.00016	.19093	-.00026	-.00098
#3	.00002	.05645	.00007	.00009	.20346	.00001	-.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18167	-.00010	.00510	-.00880	.00552	-.00019	-.00010
Stddev	.01964	.00004	.00740	.00236	.00233	.00021	.00149
%RSD	10.810	42.129	145.04	26.873	42.212	109.35	1479.4

#1	.19858	-.00006	-.00341	-.00650	.00284	.00000	-.00118
#2	.16013	-.00015	.00873	-.01122	.00711	-.00041	-.00073
#3	.18631	-.00010	.00999	-.00867	.00661	-.00017	.00160

Sample Name: PB118838BL Acquired: 4/12/2019 15:36:10 Type: Unk
 Method: P4-ICP2(v3048) 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	.00098	.0002	-.00009	F 2.0888	F<.00000
Stddev	.00164	.0007	.00005	.1719	.81777
%RSD	167.57	457.7	50.847	8.2316	17.927

#1	.00140	-.0005	-.00006	1.9778	-3.9683
#2	-.00083	.0009	-.00006	2.0017	-4.2222
#3	.00237	.0000	-.00014	2.2869	-5.4945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4040.3	78289.	6085.4	88.947	5333.8
Stddev	8.3	142.	41.8	.087	6.3
%RSD	.20652	.18108	.68730	.09751	.11896

#1	4046.6	78262.	6039.7	88.975	5341.1
#2	4030.9	78442.	6121.8	89.017	5329.9
#3	4043.6	78163.	6094.7	88.850	5330.4

Sample Name: PB118838BS Acquired: 4/12/2019 15:40:38 Type: Unk
Method: P4-ICP2(v3048) 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	.72450	1.9220	.93122	1.8500	.74491	1.9008	.19474
Stddev	.00281	.0052	.00314	.0073	.00272	.0160	.00096
%RSD	.38836	.26832	.33707	.39352	.36539	.84407	.49205

#1	.72460	1.9186	.92828	1.8451	.74331	1.9184	.19502
#2	.72164	1.9195	.93086	1.8466	.74336	1.8969	.19367
#3	.72727	1.9279	.93452	1.8584	.74805	1.8870	.19552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18569	.18037	1.0445	.40368	.19229	.30627	3.0235
Stddev	.00042	.00034	.0093	.00120	.00055	.00175	.0090
%RSD	.22485	.18730	.88744	.29681	.28795	.57002	.29789

#1	.18536	.18045	1.0340	.40236	.19165	.30524	3.0194
#2	.18616	.18066	1.0483	.40470	.19266	.30528	3.0338
#3	.18555	.18000	1.0513	.40398	.19255	.30828	3.0172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20479	1.8931	.47789	.07012	3.0546	.30105	.18096
Stddev	.00039	.0074	.00107	.00059	.0018	.00056	.00071
%RSD	.19028	.39303	.22450	.83516	.05994	.18590	.39091

#1	.20477	1.9016	.47705	.07069	3.0548	.30147	.18063
#2	.20519	1.8901	.47910	.06952	3.0526	.30126	.18048
#3	.20441	1.8877	.47752	.07016	3.0562	.30041	.18177

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5918	.40121	.29200	F .01051	.89713	.65230	.19492
Stddev	.0835	.00176	.01149	.00087	.00623	.00139	.00084
%RSD	.87075	.43801	3.9353	8.2766	.69407	.21252	.42841

#1	9.6374	.40077	.28718	.01070	.89041	.65312	.19472
#2	9.4954	.39972	.28370	.01127	.89825	.65069	.19420
#3	9.6426	.40315	.30511	.00956	.90271	.65307	.19584

Sample Name: PB118838BS Acquired: 4/12/2019 15:40:38 Type: Unk
Method: P4-ICP2(v3048) 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	.19801	5.014	.19592	F 2.5150	F<.00000
Stddev	.00082	.013	.00065	.2620	5.8022
%RSD	.41400	.2675	.32987	10.416	51.212

#1	.19707	5.003	.19607	2.5544	-16.052
#2	.19854	5.011	.19648	2.7551	-13.085
#3	.19842	5.029	.19522	2.2356	-4.8528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3934.3	76446.	5856.7	85.406	5067.3
Stddev	6.6	230.	29.1	.612	8.2
%RSD	.16681	.30115	.49699	.71702	.16173

#1	3927.0	76212.	5855.5	84.857	5063.5
#2	3939.8	76453.	5828.1	86.067	5061.8
#3	3936.0	76672.	5886.3	85.295	5076.8

Sample Name: PB118850BL Acquired: 4/12/2019 15:44:41 Type: Unk
Method: P4-ICP2(v3048) 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	-.00061	.00110	-.00006	-.00000	-.00130	-.00098	.00038
Stddev	.00125	.00032	.00034	.00082	.00054	.01399	.00028
%RSD	204.57	29.167	533.78	44046.	41.236	1425.4	74.599

#1	.00046	.00146	.00019	-.00027	-.00089	.01033	.00044
#2	-.00031	.00082	-.00046	-.00065	-.00190	-.01663	.00062
#3	-.00199	.00103	.00008	.00092	-.00110	.00336	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	-.01069	-.00028	-.00000	-.00034	-.00068
Stddev	.00003	.00012	.01216	.00011	.00012	.00003	.00034
%RSD	179.62	324.23	113.72	37.698	3973.7	9.8660	49.917

#1	-.00001	-.00010	.00139	-.00034	.00008	-.00037	-.00100
#2	.00001	.00011	-.02293	-.00034	-.00014	-.00031	-.00071
#3	.00005	.00010	-.01054	-.00016	.00005	-.00034	-.00033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00496	.00004	.00038	.15082	-.00016	-.00103
Stddev	.00004	.00640	.00036	.00021	.00192	.00039	.00009
%RSD	285.21	129.02	900.38	54.351	1.2721	249.09	8.4163

#1	.00005	-.00582	.00014	.00049	.14862	.00030	-.00105
#2	.00001	-.01088	.00034	.00052	.15174	-.00037	-.00093
#3	-.00002	.00183	-.00036	.00014	.15211	-.00040	-.00110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17666	-.00004	-.00075	F -.01279	.00331	-.00048	-.00044
Stddev	.02186	.00023	.01003	.00105	.00180	.00059	.00173
%RSD	12.373	550.58	1334.4	8.2065	54.381	122.02	395.47

#1	.16420	-.00006	.00413	-.01162	.00256	-.00101	.00042
#2	.20190	.00019	.00590	-.01307	.00201	.00015	.00070
#3	.16389	-.00026	-.01229	-.01366	.00537	-.00058	-.00243

Sample Name: PB118850BL Acquired: 4/12/2019 15:44:41 Type: Unk
Method: P4-ICP2(v3048) 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	.00062	-.0001	-.00009	F 1.9429	F<.00000
Stddev	.00146	.0004	.00011	.1367	.76963
%RSD	234.90	416.7	116.06	7.0369	24.136
#1	-.00100	-.0002	-.00010	1.7850	-3.4125
#2	.00103	.0003	-.00019	2.0217	-2.3320
#3	.00184	-.0005	.00002	2.0219	-3.8217
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4045.5	78331.	6061.7	89.767	5342.3
Stddev	5.4	197.	27.1	2.061	4.4
%RSD	.13355	.25193	.44668	2.2955	.08203
#1	4047.1	78228.	6033.6	87.475	5337.3
#2	4039.5	78206.	6087.6	91.467	5345.5
#3	4049.9	78558.	6063.8	90.358	5344.2

Sample Name: PB118849BL Acquired: 4/12/2019 15:49:08 Type: Unk
Method: P4-ICP2(v3048) 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	-.00071	.00042	-.00017	.00101	-.00081	-.00362	-.00001
Stddev	.00096	.00088	.00101	.00323	.00246	.00697	.00031
%RSD	134.70	209.49	593.10	319.76	304.04	192.54	2810.9

#1	-.00040	-.00054	.00099	.00456	-.00340	.00367	-.00029
#2	-.00179	.00119	-.00071	-.00176	.00149	-.01021	.00032
#3	.00005	.00060	-.00079	.00023	-.00052	-.00431	-.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	-.01273	-.00001	-.00009	-.00035	-.00077
Stddev	.00004	.00001	.01111	.00026	.00012	.00041	.00042
%RSD	228.35	50.267	87.317	1962.5	124.94	116.86	54.369

#1	.00004	-.00002	-.00001	-.00026	.00002	-.00082	-.00125
#2	-.00002	-.00005	-.01759	.00026	-.00008	-.00013	-.00045
#3	.00003	-.00002	-.02059	-.00004	-.00021	-.00010	-.00062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00696	.00021	-.00016	.13481	-.00045	-.00108
Stddev	.00005	.00511	.00012	.00032	.00807	.00004	.00002
%RSD	88.046	73.412	57.580	205.35	5.9843	9.9817	1.7716

#1	-.00009	-.00642	.00007	.00018	.12557	-.00048	-.00105
#2	-.00000	-.00215	.00028	-.00046	.13839	-.00047	-.00108
#3	-.00006	-.01233	.00028	-.00020	.14046	-.00040	-.00109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16277	-.00019	.00381	-.00977	.00346	-.00037	-.00125
Stddev	.01534	.00009	.00465	.00067	.00152	.00027	.00135
%RSD	9.4214	50.315	122.09	6.8852	43.986	73.690	107.88

#1	.15919	-.00017	.00537	-.00904	.00376	-.00025	-.00067
#2	.17958	-.00011	.00747	-.00991	.00481	-.00068	-.00029
#3	.14954	-.00029	-.00142	-.01037	.00181	-.00017	-.00279

Sample Name: PB118849BL Acquired: 4/12/2019 15:49:08 Type: Unk
Method: P4-ICP2(v3048) 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	.00064	-.0005	-.00005	F 2.0118	F<.00000
Stddev	.00184	.0005	.00011	.1893	1.3996
%RSD	288.14	106.0	207.50	9.4081	44.102
#1	-.00060	.0000	.00005	1.9679	-3.5335
#2	.00275	-.0004	-.00005	2.2191	-4.3579
#3	-.00024	-.0010	-.00016	1.8483	-1.6291
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4040.1	77965.	6025.4	89.383	5334.5
Stddev	16.0	40.	15.2	2.108	18.6
%RSD	.39576	.05157	.25280	2.3581	.34943
#1	4056.3	77976.	6008.1	91.783	5352.8
#2	4039.9	77920.	6036.6	88.533	5335.1
#3	4024.3	77998.	6031.7	87.833	5315.6

Sample Name: PB118850TB Acquired: 4/12/2019 15:53:35 Type: Unk
Method: P4-ICP2(v3048) 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	-.00438	-.00148	.00149	.00080	-.00051	.00997	-.00005	-.00003
Stddev	.00143	.00140	.00069	.00401	.00105	.00744	.00034	.00007
%RSD	32.640	94.130	46.405	503.58	204.65	74.648	734.62	240.40
#1	-.00450	-.00178	.00120	-.00264	-.00090	.00420	.00033	.00001
#2	-.00574	.00004	.00229	.00520	-.00131	.01837	-.00014	-.00010
#3	-.00289	-.00271	.00100	-.00018	.00067	.00734	-.00033	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00328	.00053	-.00028	.00078	.00441	.00004	.01586
Stddev	.00006	.01294	.00065	.00003	.00033	.00031	.00008	.02849
%RSD	40.117	393.84	123.02	9.0933	42.527	6.9227	193.35	179.60
#1	-.00023	.00646	.00069	-.00025	.00042	.00434	.00001	.04850
#2	-.00011	.00164	-.00019	-.00029	.00106	.00414	-.00002	.00314
#3	-.00014	-.01796	.00109	-.00029	.00085	.00474	.00012	-.00405
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00150	F 284.64	-.00034	.00289	.28063	.00008	.00768
Stddev	.00016	.00018	1.11	.00076	.00005	.03252	.00005	.01217
%RSD	107.89	12.285	.38889	222.44	1.8758	11.587	60.207	158.61
#1	.00023	.00171	283.40	-.00012	.00283	.26741	.00009	-.00602
#2	.00026	.00136	285.53	-.00119	.00293	.25681	.00003	.01179
#3	-.00004	.00143	284.99	.00028	.00291	.31768	.00013	.01726
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00533	.01118	.00126	.00039	.00378	-.0004	-.00004	3.7792
Stddev	.00241	.00114	.00026	.00180	.00050	.0000	.00006	.0833
%RSD	45.150	10.164	20.378	461.08	13.300	11.14	147.19	2.2053
#1	-.00258	.01246	.00129	.00176	.00372	-.0004	-.00012	3.6865
#2	-.00636	.01077	.00098	.00106	.00430	-.0004	-.00002	3.8032
#3	-.00706	.01030	.00149	-.00165	.00330	-.0005	.00000	3.8479

Sample Name: PB118850TB Acquired: 4/12/2019 15:53:35 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7439
Stddev	3.8321
%RSD	219.75

#1	2.2465
#2	5.2999
#3	-2.3147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.4	71083.	5817.5	84.292	4455.0
Stddev	3.5	104.	4.2	.555	3.0
%RSD	.09465	.14664	.07140	.65809	.06783

#1	3670.5	71068.	5816.3	84.375	4457.9
#2	3664.4	70987.	5822.2	83.700	4451.9
#3	3670.2	71194.	5814.2	84.800	4455.3

Sample Name: K2196-03 Acquired: 4/12/2019 15:58:11 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00049	-.00918	.00265	-.00224	-.04112	.00188	.00012
Stddev	.00021	.00028	.00024	.00030	.00017	.00242	.00013	.00001
%RSD	61.508	56.254	2.6017	11.517	7.4894	5.8734	7.0645	7.5143

#1	.00045	.00063	-.00900	.00297	-.00219	-.03985	.00193	.00012
#2	.00010	.00017	-.00909	.00237	-.00243	-.04390	.00173	.00011
#3	.00049	.00067	-.00945	.00260	-.00211	-.03960	.00198	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.01928	-.00019	.00020	-.00633	-.00544	-.00006	-.04820
Stddev	.00000	.00321	.00011	.00006	.00003	.00009	.00002	.00496
%RSD	.31674	16.638	57.905	29.647	.49303	1.6578	32.449	10.284

#1	.00064	-.01714	-.00028	.00015	-.00637	-.00534	-.00006	-.04504
#2	.00064	-.01773	-.00023	.00027	-.00631	-.00552	-.00004	-.05392
#3	.00064	-.02297	-.00007	.00020	-.00632	-.00547	-.00008	-.04565

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00838	-.00165	.24798	-.00084	-.00144	.00539	-.00003	.00190
Stddev	.00010	.00007	.00249	.00018	.00002	.00956	.00005	.00110
%RSD	1.1742	3.9571	1.0035	20.832	1.2218	177.19	153.01	57.913

#1	.00834	-.00160	.24678	-.00104	-.00144	.00795	.00003	.00305
#2	.00830	-.00173	.24632	-.00075	-.00142	-.00518	-.00006	.00086
#3	.00849	-.00163	.25084	-.00073	-.00145	.01341	-.00007	.00179

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01803	-.02054	-.00145	-.00102	-.00392	-.0024	.00003	^ *****
Stddev	.00028	.00029	.00010	.00057	.00044	.0003	.00004	-----
%RSD	1.5323	1.3917	6.9405	55.658	11.256	11.67	147.70	-----

#1	-.01812	-.02036	-.00135	-.00158	-.00424	-.0022	-.00000	^ -----
#2	-.01772	-.02087	-.00144	-.00103	-.00409	-.0027	.00001	^ -----
#3	-.01824	-.02040	-.00155	-.00045	-.00341	-.0023	.00007	^ -----

Sample Name: K2196-03 Acquired: 4/12/2019 15:58:11 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	33.770
Stddev	4.239
%RSD	12.551

#1	28.890
#2	35.892
#3	36.529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13962.	250450.	15702.	239.39	19015.
Stddev	32.	1016.	152.	3.76	39.
%RSD	.22577	.40579	.96596	1.5722	.20594

#1	13959.	249430.	15533.	236.26	19007.
#2	13995.	250450.	15747.	238.33	19058.
#3	13932.	251470.	15827.	243.56	18981.

Sample Name: PB118850BS Acquired: 4/12/2019 16:17:03 Type: Unk
Method: P4-ICP2(v3048) 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	.68627	1.8229	.87959	1.7731	.70851	1.7500	.17865
Stddev	.00771	.0217	.01164	.0224	.00747	.0091	.00060
%RSD	1.1240	1.1920	1.3228	1.2616	1.0547	.52103	.33422

#1	.67834	1.7988	.86668	1.7473	.70016	1.7563	.17900
#2	.68673	1.8287	.88284	1.7872	.71080	1.7395	.17796
#3	.69374	1.8411	.88926	1.7848	.71457	1.7542	.17899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17400	.16986	.93501	.36496	.17928	.29141	2.7709
Stddev	.00037	.00210	.00927	.00156	.00151	.00376	.0144
%RSD	.21482	1.2358	.99153	.42871	.84438	1.2903	.51917

#1	.17365	.16756	.92591	.36343	.17756	.28708	2.7561
#2	.17439	.17034	.93467	.36489	.17988	.29335	2.7719
#3	.17395	.17168	.94445	.36656	.18041	.29380	2.7848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18570	1.7411	.45056	.06616	2.7399	.27181	.17422
Stddev	.00095	.0454	.00593	.00045	.0165	.00057	.00201
%RSD	.50936	2.6089	1.3166	.67341	.60405	.21101	1.1527

#1	.18467	1.7448	.44403	.06613	2.7379	.27168	.17202
#2	.18589	1.6939	.45200	.06573	2.7245	.27132	.17466
#3	.18653	1.7845	.45563	.06662	2.7574	.27244	.17597

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8019	.37325	.25550	F .00103	.82915	.61789	.18186
Stddev	.0178	.00473	.01003	.00149	.00405	.00666	.00050
%RSD	.20235	1.2664	3.9276	145.34	.48880	1.0786	.27476

#1	8.8130	.36819	.26072	.00274	.82793	.61057	.18129
#2	8.7814	.37403	.26184	.00035	.82585	.61949	.18212
#3	8.8114	.37755	.24393	-.00001	.83367	.62360	.18218

Sample Name: PB118850BS Acquired: 4/12/2019 16:17:03 Type: Unk
Method: P4-ICP2(v3048) 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	.17985	F 4.762	.17834	F 2.9408	F<.00000
Stddev	.00181	.061	.00064	.1008	1.7675
%RSD	1.0044	1.278	.35627	3.4287	13.698

#1	.18031	4.693	.17880	2.8285	-14.927
#2	.17786	4.783	.17762	3.0237	-11.664
#3	.18138	4.809	.17861	2.9702	-12.118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.5	75692.	5856.8	86.770	4994.3
Stddev	8.6	329.	38.5	1.043	11.3
%RSD	.22215	.43467	.65660	1.2018	.22620

#1	3877.0	75314.	5815.2	85.833	4989.6
#2	3876.1	75850.	5864.3	87.894	4986.1
#3	3891.5	75912.	5891.0	86.583	5007.2

Sample Name: PB118849BS Acquired: 4/12/2019 16:21:07 Type: Unk
Method: P4-ICP2(v3048) 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	.76108	2.0266	.97506	1.9683	.78441	1.9093	.19434
Stddev	.01248	.0216	.00866	.0226	.00741	.0279	.00251
%RSD	1.6394	1.0672	.88814	1.1504	.94440	1.4640	1.2925

#1	.75389	2.0113	.96929	1.9489	.77643	1.8995	.19195
#2	.75387	2.0173	.97086	1.9628	.78574	1.8875	.19412
#3	.77549	2.0514	.98501	1.9932	.79106	1.9408	.19696

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19067	.18734	.99946	.40169	.19884	.32318	3.0476
Stddev	.00148	.00217	.00664	.00189	.00206	.00340	.0168
%RSD	.77676	1.1592	.66400	.47056	1.0384	1.0506	.55175

#1	.18943	.18544	.99384	.39991	.19783	.31983	3.0319
#2	.19028	.18687	.99777	.40367	.19747	.32309	3.0455
#3	.19231	.18971	1.0068	.40150	.20121	.32662	3.0653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20409	1.9193	.49995	.07260	2.9519	.29885	.19338
Stddev	.00107	.0400	.00430	.00036	.0342	.00081	.00210
%RSD	.52229	2.0853	.86083	.50166	1.1576	.26972	1.0869

#1	.20326	1.9031	.49826	.07248	2.9125	.29798	.19204
#2	.20372	1.8900	.49674	.07301	2.9710	.29900	.19230
#3	.20530	1.9649	.50484	.07231	2.9723	.29958	.19581

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5329	.41331	.30980	F -.00278	.91611	.68509	.19917
Stddev	.0673	.00385	.01742	.00210	.00290	.00733	.00159
%RSD	.70614	.93206	5.6229	75.562	.31666	1.0704	.79710

#1	9.4558	.40996	.29063	-.00065	.91723	.68035	.19753
#2	9.5795	.41244	.31411	-.00485	.91281	.68139	.20070
#3	9.5636	.41752	.32466	-.00285	.91828	.69354	.19927

Sample Name: PB118849BS Acquired: 4/12/2019 16:21:07 Type: Unk
Method: P4-ICP2(v3048) 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	.19729	5.299	.19420	F 2.6839	F<.00000
Stddev	.00185	.069	.00027	.1489	2.1914
%RSD	.93692	1.303	.13846	5.5462	14.983
#1	.19646	5.248	.19412	2.6283	-14.746
#2	.19600	5.273	.19398	2.5708	-16.755
#3	.19941	5.378	.19450	2.8526	-12.377
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3891.7	76144.	5867.8	86.126	4983.2
Stddev	7.6	211.	32.5	.890	19.4
%RSD	.19635	.27734	.55398	1.0335	.39001
#1	3883.4	76009.	5831.6	86.933	4960.8
#2	3893.3	76036.	5877.3	85.171	4995.1
#3	3898.4	76388.	5894.5	86.272	4993.7

Sample Name: CCV04 Acquired: 4/12/2019 16:25:11 Type: Unk
Method: P4-ICP2(v3048) 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	5.0026	5.0068	4.9034	5.0409	4.9889	10.071	10.115
Stddev	.0126	.0140	.0077	.0151	.0052	.023	.050
%RSD	.25122	.27870	.15751	.29993	.10355	.22705	.49232
#1	4.9894	5.0183	4.9031	5.0348	4.9831	10.088	10.171
#2	5.0040	4.9913	4.9114	5.0297	4.9903	10.045	10.076
#3	5.0145	5.0109	4.8959	5.0581	4.9932	10.081	10.097
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24842	2.4384	24.894	.98340	2.4597	1.2604	4.9361
Stddev	.00049	.0021	.065	.00398	.0027	.0024	.0027
%RSD	.19727	.08730	.26102	.40482	.10812	.19211	.05556
#1	.24785	2.4373	24.869	.97899	2.4580	1.2601	4.9385
#2	.24872	2.4409	24.846	.98449	2.4627	1.2629	4.9367
#3	.24868	2.4371	24.968	.98673	2.4582	1.2581	4.9331
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4854	24.992	2.4691	1.2800	24.746	2.4700	2.4675
Stddev	.0007	.051	.0031	.0021	.084	.0039	.0017
%RSD	.02782	.20356	.12666	.16290	.33982	.15803	.07057
#1	2.4848	24.989	2.4707	1.2787	24.841	2.4702	2.4685
#2	2.4851	24.943	2.4711	1.2824	24.680	2.4660	2.4685
#3	2.4862	25.045	2.4655	1.2789	24.718	2.4738	2.4655
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.421	5.0274	5.0385	4.9295	5.0590	4.9616	5.0645
Stddev	.101	.0048	.0408	.0077	.0264	.0058	.0113
%RSD	.39790	.09557	.80990	.15612	.52211	.11653	.22359
#1	25.533	5.0220	5.0792	4.9288	5.0293	4.9654	5.0521
#2	25.335	5.0310	4.9976	4.9222	5.0678	4.9645	5.0672
#3	25.396	5.0293	5.0387	4.9375	5.0799	4.9550	5.0743

Sample Name: CCV04 Acquired: 4/12/2019 16:25:11 Type: Unk
 Method: P4-ICP2(v3048) 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	4.9566	4.956	5.0148	F 3.4753	F<.00000
Stddev	.0096	.015	.0117	.0771	2.8487
%RSD	.19363	.2948	.23279	2.2184	84.181
#1	4.9677	4.958	5.0051	3.4980	-.50500
#2	4.9504	4.941	5.0117	3.5386	-3.4456
#3	4.9518	4.970	5.0278	3.3895	-6.2014
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.4	73275.	5942.5	85.378	4562.4
Stddev	5.4	143.	12.3	.442	11.1
%RSD	.14280	.19486	.20695	.51723	.24222
#1	3782.8	73116.	5955.3	84.881	4554.2
#2	3779.9	73314.	5930.7	85.525	4558.1
#3	3790.4	73394.	5941.4	85.727	4575.0

Sample Name: CCB04 Acquired: 4/12/2019 16:29:11 Type: Unk
Method: P4-ICP2(v3048) 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	-.00109	.00108	-.00036	-.00057	-.00079	-.00762	.00028
Stddev	.00022	.00131	.00022	.00259	.00061	.01076	.00027
%RSD	20.229	121.68	62.316	454.58	77.600	141.14	95.360

#1	-.00132	.00069	-.00040	-.00353	-.00149	-.01067	.00021
#2	-.00089	.00255	-.00012	.00058	-.00041	-.01652	.00005
#3	-.00105	.00001	-.00055	.00124	-.00046	.00433	.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00007	-.00232	-.00022	.00006	-.00013	-.00068
Stddev	.00004	.00001	.01481	.00044	.00011	.00011	.00047
%RSD	84.756	21.362	639.83	202.39	174.07	87.445	69.622

#1	.00000	.00006	-.01846	-.00041	-.00004	-.00004	-.00015
#2	.00009	.00006	.00087	.00029	.00006	-.00025	-.00105
#3	.00006	.00009	.01065	-.00053	.00017	-.00009	-.00084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01558	.00043	.00057	.06931	-.00050	-.00103
Stddev	.00005	.02970	.00036	.00013	.00570	.00038	.00004
%RSD	133.52	190.65	84.087	22.467	8.2254	76.424	3.4570

#1	.00000	-.03887	.00026	.00047	.07031	-.00021	-.00099
#2	-.00009	-.02575	.00085	.00052	.06318	-.00035	-.00105
#3	-.00002	.01787	.00019	.00072	.07445	-.00093	-.00104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20516	.00016	.00777	-.00885	.00557	.00080	-.00013
Stddev	.00269	.00028	.00861	.00265	.00130	.00044	.00165
%RSD	1.3103	172.02	110.75	29.973	23.390	54.882	1262.8

#1	.20345	.00043	.01761	-.00590	.00706	.00119	-.00026
#2	.20378	-.00012	.00413	-.00963	.00464	.00032	.00159
#3	.20826	.00018	.00159	-.01103	.00502	.00091	-.00172

Sample Name: CCB04 Acquired: 4/12/2019 16:29:11 Type: Unk
 Method: P4-ICP2(v3048) 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	.00175	-.0008	-.00009	F 2.2260	F<.00000
Stddev	.00116	.0013	.00008	.0892	1.9078
%RSD	66.332	163.4	80.752	4.0077	32.999
#1	.00296	-.0017	-.00004	2.1399	-6.6434
#2	.00064	.0007	-.00018	2.2201	-3.5947
#3	.00167	-.0015	-.00006	2.3180	-7.1060
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.8	78142.	6075.4	89.125	5283.0
Stddev	3.1	265.	34.3	.175	8.7
%RSD	.07623	.33940	.56431	.19635	.16507
#1	4010.5	77853.	6036.5	89.200	5273.0
#2	4016.5	78374.	6088.9	88.925	5287.4
#3	4014.4	78199.	6101.0	89.250	5288.7

Sample Name: LR CHECK 1 Acquired: 4/12/2019 16:33:09 Type: Unk
Method: P4-ICP2(v3048) 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	-.14617	-.08153	.15596	-.26309	.05794	1934.5	.01257	.01532
Stddev	.00682	.00184	.00158	.00661	.00755	12.8	.00074	.00029
%RSD	4.6679	2.2610	1.0143	2.5143	13.032	.66167	5.9056	1.9092

#1	-.15402	-.08052	.15454	-.26867	.04981	1919.8	.01267	.01555
#2	-.14165	-.08366	.15567	-.25578	.06474	1940.2	.01326	.01543
#3	-.14284	-.08042	.15767	-.26481	.05926	1943.5	.01178	.01499

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17748	1722.2	-.11278	.09006	1.1275	930.76	.03553	1775.1
Stddev	.00150	7.8	.00051	.00099	.0072	5.30	.00031	6.3
%RSD	.84408	.45391	.45182	1.0949	.63640	.56932	.87315	.35548

#1	.17699	1725.5	-.11315	.08909	1.1224	925.61	.03558	1771.2
#2	.17630	1727.8	-.11300	.09003	1.1244	930.48	.03519	1782.3
#3	.17917	1713.3	-.11220	.09106	1.1357	936.19	.03581	1771.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05633	-.09862	1666.7	.02693	.17463	1023.9	-.02096	-1.6820
Stddev	.00077	.00106	5.0	.00028	.00140	6.4	.00093	.0141
%RSD	1.3745	1.0732	.29805	1.0534	.80414	.62819	4.4215	.84045

#1	-.05673	-.09771	1672.3	.02725	.17573	1019.6	-.02120	-1.6843
#2	-.05683	-.09838	1664.7	.02670	.17305	1020.9	-.01994	-1.6949
#3	-.05544	-.09978	1663.0	.02685	.17511	1031.3	-.02174	-1.6669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39453	-.00065	.05504	-.05627	.02864	.0759	-1.0086	<.00000
Stddev	.00385	.00489	.00039	.00150	.00206	.0058	.0058	.11798
%RSD	.97532	750.62	.71349	2.6610	7.1749	7.678	.57415	2.0078

#1	.39282	.00500	.05549	-.05525	.02910	.0693	-1.0030	-5.8251
#2	.39894	-.00343	.05477	-.05557	.03043	.0805	-1.0082	-5.7927
#3	.39184	-.00353	.05486	-.05799	.02640	.0777	-1.0145	-6.0113

Sample Name: LR CHECK 1 Acquired: 4/12/2019 16:33:09 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

#1 ^ -----
#2 ^ -----
#3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.2	51190.	4953.8	56.838	2331.4
Stddev	12.8	108.	19.5	1.102	17.1
%RSD	.50694	.21188	.39397	1.9381	.73542

#1	2539.8	51314.	4949.2	57.557	2346.5
#2	2535.1	51112.	4937.0	57.386	2334.9
#3	2515.6	51145.	4975.2	55.569	2312.8

Sample Name: LR CHECK 2 Acquired: 4/12/2019 16:38:11 Type: Unk
Method: P4-ICP2(v3048) 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	.00004	.01325	229.32	.02622	-.01546	-.22323	96.522	-.00074
Stddev	.00153	.00120	1.25	.00190	.00220	.00756	.154	.00003
%RSD	4003.4	9.0883	.54543	7.2364	14.258	3.3849	.15913	3.7505

#1	-.00028	.01323	228.10	.02840	-.01614	-.21474	96.372	-.00074
#2	-.00130	.01206	230.60	.02537	-.01723	-.22569	96.679	-.00076
#3	.00170	.01446	229.25	.02490	-.01299	-.22924	96.515	-.00071

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00701	.19061	-.12221	-.01585	252.78	-.74231	42.347	.00519
Stddev	.00012	.00568	.00026	.00012	.57	.00285	.102	.02572
%RSD	1.7015	2.9813	.21043	.74514	.22697	.38409	.24014	496.00

#1	-.00714	.19072	-.12196	-.01578	252.68	-.73969	42.459	.01994
#2	-.00691	.18487	-.12247	-.01599	253.39	-.74534	42.259	-.02451
#3	-.00698	.19623	-.12219	-.01579	252.25	-.74191	42.324	.02014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.760	.00301	1.1505	-.07581	34.160	.97229	-.00683	.00100
Stddev	.030	.00009	.0338	.00116	.674	.06748	.00025	.00467
%RSD	.05949	3.1431	2.9389	1.5246	1.9729	6.9401	3.5973	466.74

#1	49.734	.00290	1.1728	-.07505	33.462	1.0421	-.00699	-.00312
#2	49.753	.00306	1.1671	-.07524	34.210	.96735	-.00695	.00607
#3	49.792	.00307	1.1116	-.07714	34.807	.90742	-.00655	.00005

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08976	.00717	.00185	.02641	.00053	-.0325	.00240	3.8114
Stddev	.00187	.00073	.00090	.00063	.00148	.0029	.00010	.2720
%RSD	2.0871	10.227	48.584	2.3718	278.57	9.007	4.0167	7.1353

#1	.09132	.00668	.00259	.02614	-.00105	-.0334	.00230	3.9928
#2	.09029	.00682	.00085	.02712	.00075	-.0349	.00242	3.9426
#3	.08768	.00802	.00210	.02596	.00189	-.0293	.00249	3.4987

Sample Name: LR CHECK 2 Acquired: 4/12/2019 16:38:11 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.2273
%RSD	22.220

#1	-10.768
#2	-7.5196
#3	-11.784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.6	75968.	6008.9	86.947	4680.9
Stddev	7.8	87.	10.1	1.045	12.9
%RSD	.21199	.11387	.16871	1.2013	.27483

#1	3696.3	76019.	6015.7	86.858	4695.4
#2	3681.7	75868.	6013.8	88.033	4670.8
#3	3693.9	76017.	5997.3	85.950	4676.4

Sample Name: K2204-01 Acquired: 4/12/2019 16:42:48 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-041119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04083	-.01116	.18123	.02095	.00260	126.88	.41520
Stddev	.00233	.00085	.00173	.00200	.00172	.76	.00164
%RSD	5.6956	7.6190	.95360	9.5391	66.096	.59809	.39590

#1	.03901	-.01208	.18322	.01865	.00407	127.08	.41603
#2	.04005	-.01097	.18024	.02200	.00071	126.04	.41330
#3	.04345	-.01041	.18022	.02220	.00301	127.52	.41626

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00702	.00497	91.502	.13874	.17916	.74917	225.43
Stddev	.00013	.00006	.327	.00149	.00031	.00317	1.36
%RSD	1.8112	1.1528	.35762	1.0763	.17245	.42376	.60324

#1	.00688	.00493	91.838	.13742	.17947	.74680	226.21
#2	.00709	.00503	91.184	.14037	.17914	.75278	223.86
#3	.00710	.00494	91.485	.13845	.17886	.74795	226.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1273	43.215	.12667	.00172	9.8983	.68977	.49352
Stddev	.0091	.417	.00116	.00024	.0642	.00084	.00013
%RSD	.17799	.96520	.91323	13.745	.64897	.12203	.02638

#1	5.1174	43.365	.12776	.00194	9.9175	.69004	.49367
#2	5.1354	42.744	.12546	.00147	9.8267	.69045	.49343
#3	5.1292	43.537	.12680	.00175	9.9508	.68883	.49347

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4028	.00579	.69785	8.3884	2.2175	.00840	2.7181
Stddev	.0556	.00051	.01245	.0383	.0181	.00081	.0048
%RSD	.86811	8.8912	1.7837	.45629	.81854	9.5823	.17528

#1	6.3570	.00610	.69225	8.4324	2.2319	.00832	2.7170
#2	6.3867	.00608	.71211	8.3701	2.1971	.00925	2.7234
#3	6.4646	.00520	.68919	8.3628	2.2235	.00764	2.7140

Sample Name: K2204-01 Acquired: 4/12/2019 16:42:48 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-041119 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09457	3.671	.00541	<.00000	F<.00000
Stddev	.00013	.020	.00140	.14281	3.6587
%RSD	.13529	.5337	25.885	17.802	4.4939
#1	.09442	3.692	.00482	-.66553	-78.007
#2	.09460	3.667	.00701	-.79071	-85.281
#3	.09467	3.654	.00440	-.95046	-80.956
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.6	80094.	6618.5	83.363	4370.2
Stddev	3.8	86.	23.6	.861	.3
%RSD	.09213	.10722	.35673	1.0331	.00785
#1	4094.7	80012.	6598.6	82.517	4370.0
#2	4087.3	80183.	6612.3	83.333	4370.6
#3	4089.9	80087.	6644.6	84.239	4370.0

Sample Name: K2373-01 Acquired: 4/12/2019 16:47:22 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TPH-FOUND Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04396	-.01624	2.2450	.01873	.00618	185.37	3.8053
Stddev	.00101	.00083	.0062	.00100	.00232	1.48	.0294
%RSD	2.3028	5.1244	.27663	5.3365	37.543	.80062	.77320

#1	.04297	-.01671	2.2436	.01939	.00457	183.67	3.7717
#2	.04392	-.01673	2.2518	.01758	.00884	186.05	3.8181
#3	.04500	-.01528	2.2397	.01922	.00514	186.39	3.8262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01245	.02510	148.02	.29763	.20274	1.1998	261.83
Stddev	.00003	.00046	.84	.00235	.00080	.0017	2.21
%RSD	.25313	1.8239	.57080	.78860	.39373	.14240	.84304

#1	.01246	.02511	148.97	.29720	.20329	1.2016	260.32
#2	.01248	.02464	147.76	.29552	.20182	1.1997	264.36
#3	.01242	.02556	147.34	.30016	.20309	1.1982	260.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9563	102.11	.41682	.00192	3.7300	.43941	3.4187
Stddev	.0159	.84	.00220	.00043	.0306	.00220	.0024
%RSD	.15998	.82240	.52834	22.458	.82062	.49962	.07001

#1	9.9672	101.35	.41766	.00229	3.6947	.43725	3.4214
#2	9.9380	101.97	.41432	.00203	3.7470	.43933	3.4174
#3	9.9637	103.01	.41847	.00145	3.7483	.44164	3.4172

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.764	.00773	.11800	4.2130	3.1279	.07435	3.1882
Stddev	.227	.00032	.00331	.0144	.0598	.00066	.0110
%RSD	.65317	4.1417	2.8032	.34076	1.9114	.88649	.34426

#1	34.507	.00804	.11560	4.2127	3.1860	.07506	3.2008
#2	34.936	.00740	.12177	4.1988	3.0666	.07423	3.1813
#3	34.850	.00774	.11662	4.2275	3.1312	.07376	3.1824

Sample Name: K2373-01 Acquired: 4/12/2019 16:47:22 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TPH-FOUND Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34699	F 10.35	.20910	<.00000	F<.00000
Stddev	.00068	.03	.00525	.09161	1.2565
%RSD	.19704	.3194	2.5125	3.3373	.76448

#1	.34713	10.37	.21502	-2.6571	-165.38
#2	.34624	10.31	.20500	-2.7379	-162.96
#3	.34758	10.36	.20729	-2.8399	-164.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4312.0	84715.	7068.8	79.879	4121.5
Stddev	8.6	153.	99.6	1.895	10.9
%RSD	.19917	.18011	1.4095	2.3724	.26375

#1	4302.0	84655.	6958.5	77.692	4110.9
#2	4317.2	84601.	7095.7	81.036	4132.6
#3	4316.7	84888.	7152.3	80.908	4120.8

Sample Name: K2374-02 Acquired: 4/12/2019 16:51:54 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-1(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	-.03009	.47250	.01694	.00314	146.72	1.6643
Stddev	.00336	.00232	.00177	.00265	.00174	.37	.0049
%RSD	58.889	7.7044	.37396	15.615	55.569	.25059	.29243

#1	.00463	-.03275	.47049	.01922	.00470	146.35	1.6623
#2	.00946	-.02899	.47321	.01757	.00346	147.09	1.6699
#3	.00301	-.02852	.47381	.01404	.00126	146.71	1.6608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	.01011	43.363	.40266	.16194	.54362	252.26
Stddev	.00009	.00037	.219	.00137	.00044	.00168	2.06
%RSD	.99677	3.6588	.50548	.33908	.26987	.30833	.81490

#1	.00895	.00991	43.616	.40215	.16145	.54180	252.00
#2	.00886	.00988	43.229	.40163	.16211	.54396	254.44
#3	.00877	.01054	43.245	.40421	.16227	.54510	250.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8214	56.703	.36522	.00243	4.3575	.52661	.94409
Stddev	.0088	.264	.00205	.00026	.0111	.00058	.00109
%RSD	.23076	.46574	.56123	10.633	.25395	.11053	.11594

#1	3.8306	56.432	.36335	.00218	4.3448	.52620	.94283
#2	3.8208	56.716	.36491	.00270	4.3625	.52728	.94457
#3	3.8130	56.960	.36741	.00242	4.3651	.52635	.94486

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.053	.00632	-.01219	2.6849	3.3818	.02229	7.4052
Stddev	.076	.00030	.00755	.0027	.0370	.00186	.0342
%RSD	.22276	4.7478	61.929	.10227	1.0935	8.3336	.46218

#1	33.965	.00604	-.00921	2.6834	3.4131	.02145	7.4416
#2	34.097	.00628	-.02077	2.6881	3.3913	.02442	7.4004
#3	34.096	.00663	-.00659	2.6832	3.3410	.02100	7.3737

Sample Name: K2374-02 Acquired: 4/12/2019 16:51:54 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-1(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14010	7.480	-.11336	<.00000	F<.00000
Stddev	.00105	.015	.00264	.13806	5.8177
%RSD	.74985	.2034	2.3311	5.2459	4.5503
#1	.14059	7.469	-.11203	-2.5421	-131.73
#2	.13890	7.498	-.11640	-2.7907	-130.66
#3	.14082	7.473	-.11164	-2.5625	-121.16
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4336.0	85196.	6969.9	83.192	4316.5
Stddev	5.3	228.	39.6	1.878	8.3
%RSD	.12236	.26719	.56873	2.2573	.19219
#1	4335.8	85361.	6928.2	84.758	4307.7
#2	4330.9	84936.	6974.4	83.708	4317.6
#3	4341.5	85290.	7007.1	81.110	4324.2

Sample Name: K2376-03 Acquired: 4/12/2019 16:56:27 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39696	-.01928	50.059	.02486	.61923	96.550	6.7582
Stddev	.00143	.00358	.140	.00810	.00093	.202	.0047
%RSD	.36112	18.573	.27954	32.576	.15025	.20914	.06925

#1	.39546	-.02001	49.957	.03345	.61876	96.319	6.7532
#2	.39710	-.01539	50.218	.01736	.62030	96.689	6.7591
#3	.39831	-.02244	50.001	.02377	.61863	96.643	6.7624

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01434	.11267	178.16	.76410	.17145	14.495	429.88
Stddev	.00032	.00035	.17	.00128	.00069	.030	1.59
%RSD	2.2385	.31190	.09712	.16761	.40239	.20468	.37017

#1	.01459	.11228	178.24	.76354	.17080	14.526	431.72
#2	.01445	.11273	178.27	.76319	.17139	14.467	429.04
#3	.01398	.11298	177.96	.76556	.17217	14.493	428.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.797	40.568	.68557	.02973	6.9322	.51306	24.088
Stddev	.032	.096	.00225	.00037	.0186	.00163	.097
%RSD	.20213	.23568	.32840	1.2320	.26784	.31813	.40320

#1	15.761	40.642	.68391	.02965	6.9147	.51270	24.054
#2	15.814	40.460	.68466	.02941	6.9300	.51164	24.198
#3	15.817	40.601	.68813	.03013	6.9517	.51484	24.013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.235	.06162	-.08763	F 11.231	3.2810	9.8607	2.6743
Stddev	.058	.00049	.00870	.024	.0151	.0260	.0044
%RSD	.51626	.79663	9.9321	.21489	.46105	.26349	.16566

#1	11.171	.06218	-.09766	11.245	3.2892	9.8405	2.6772
#2	11.251	.06125	-.08318	11.246	3.2636	9.8900	2.6692
#3	11.283	.06144	-.08206	11.203	3.2903	9.8516	2.6764

Sample Name: K2376-03 Acquired: 4/12/2019 16:56:27 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15191	F 16.92	.51322	<.00000	F<.00000
Stddev	.00089	.05	.00285	.02659	5.3277
%RSD	.58718	.2968	.55493	.60280	1.1177
#1	.15179	16.91	.51054	-4.4415	-471.79
#2	.15109	16.97	.51621	-4.3954	-475.82
#3	.15286	16.87	.51290	-4.3956	-482.34
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.2	79191.	6499.9	77.304	4072.9
Stddev	18.8	86.	19.0	1.367	10.0
%RSD	.47613	.10852	.29268	1.7679	.24504
#1	3940.0	79101.	6478.0	76.675	4061.8
#2	3977.6	79273.	6511.6	78.872	4081.2
#3	3956.9	79200.	6510.2	76.365	4075.5

Sample Name: K2377-03 Acquired: 4/12/2019 17:00:54 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01674	-.01658	.29847	.01727	.00285	138.76	.52281
Stddev	.00329	.00210	.00168	.00398	.00093	.93	.00365
%RSD	19.645	12.644	.56374	23.028	32.694	.66678	.69902

#1	.01736	-.01729	.29960	.01499	.00274	139.71	.52662
#2	.01968	-.01823	.29654	.01497	.00198	138.72	.52249
#3	.01319	-.01422	.29928	.02187	.00384	137.86	.51933

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00684	.00594	32.918	.17893	.14087	.43820	218.49
Stddev	.00009	.00017	.085	.00082	.00040	.00242	.48
%RSD	1.2587	2.9120	.25906	.45611	.28739	.55164	.21781

#1	.00676	.00574	32.884	.17849	.14131	.44058	218.87
#2	.00683	.00599	32.855	.17842	.14078	.43827	217.95
#3	.00693	.00608	33.015	.17987	.14052	.43575	218.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1284	44.318	.19299	.00288	3.5126	.35828	.55965
Stddev	.0058	.334	.00148	.00039	.0194	.00146	.00157
%RSD	.11248	.75325	.76434	13.652	.55254	.40873	.27994

#1	5.1243	44.590	.19444	.00316	3.5343	.35725	.55933
#2	5.1258	44.419	.19304	.00243	3.5066	.35996	.55827
#3	5.1350	43.945	.19149	.00305	3.4969	.35763	.56136

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2878	.00005	.01236	1.1113	5.2891	.02316	4.0231
Stddev	.0493	.00031	.01200	.0026	.0123	.00048	.0063
%RSD	.59460	617.08	97.144	.23207	.23231	2.0590	.15767

#1	8.3359	.00008	.00311	1.1090	5.2750	.02268	4.0273
#2	8.2900	-.00027	.02592	1.1108	5.2968	.02317	4.0158
#3	8.2374	.00035	.00803	1.1141	5.2956	.02363	4.0263

Sample Name: K2377-03 Acquired: 4/12/2019 17:00:54 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13-S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13389	6.168	-.08880	<.00000	F<.00000
Stddev	.00020	.021	.00055	.14714	1.1429
%RSD	.15026	.3356	.62360	7.6860	1.4429
#1	.13410	6.171	-.08937	-1.8521	-78.085
#2	.13387	6.146	-.08826	-2.0825	-80.370
#3	.13370	6.187	-.08878	-1.8088	-79.163
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4336.3	84703.	6850.2	82.439	4461.0
Stddev	6.8	14.	57.9	1.671	5.3
%RSD	.15753	.01665	.84505	2.0273	.11815
#1	4328.7	84708.	6910.7	83.259	4454.9
#2	4338.0	84687.	6844.6	83.542	4464.7
#3	4342.1	84713.	6795.3	80.516	4463.3

Sample Name: K2377-03DUP Acquired: 4/12/2019 17:05:28 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01520	-.01756	.29930	.01710	.00253	135.42	.52517
Stddev	.00241	.00150	.00209	.00204	.00062	.69	.00307
%RSD	15.846	8.5194	.69955	11.920	24.579	.50733	.58418

#1	.01744	-.01595	.29776	.01944	.00184	135.83	.52779
#2	.01265	-.01890	.30168	.01577	.00271	135.80	.52593
#3	.01551	-.01783	.29845	.01608	.00304	134.63	.52180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00675	.00609	32.487	.17673	.13977	.43767	215.34
Stddev	.00010	.00033	.152	.00034	.00041	.00081	2.47
%RSD	1.4136	5.4016	.46855	.18990	.29278	.18557	1.1492

#1	.00664	.00587	32.651	.17666	.13968	.43850	216.31
#2	.00680	.00595	32.460	.17645	.14022	.43763	217.19
#3	.00680	.00647	32.350	.17710	.13942	.43687	212.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0752	42.650	.18970	.00290	3.3705	.35502	.55929
Stddev	.0224	.179	.00049	.00068	.0221	.00003	.00110
%RSD	.44075	.41953	.25998	23.295	.65684	.00980	.19590

#1	5.0978	42.835	.18939	.00334	3.3925	.35501	.55940
#2	5.0746	42.637	.19027	.00324	3.3708	.35506	.55815
#3	5.0531	42.477	.18944	.00212	3.3483	.35499	.56033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1524	.00017	.01903	1.1020	5.1016	.02302	3.9898
Stddev	.0752	.00008	.00516	.0030	.0212	.00114	.0077
%RSD	.92271	46.421	27.098	.27432	.41514	4.9605	.19396

#1	8.1519	.00008	.02090	1.0999	5.1260	.02170	3.9983
#2	8.2278	.00020	.02299	1.1055	5.0900	.02370	3.9880
#3	8.0774	.00023	.01320	1.1007	5.0888	.02365	3.9831

Sample Name: K2377-03DUP Acquired: 4/12/2019 17:05:28 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13-SDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13002	6.206	-.08501	<.00000	F<.00000
Stddev	.00184	.023	.00269	.23789	1.1127
%RSD	1.4141	.3701	3.1651	13.563	1.3197
#1	.13112	6.217	-.08554	-1.4802	-83.679
#2	.13105	6.222	-.08740	-1.9103	-85.600
#3	.12790	6.180	-.08209	-1.8715	-83.666
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4361.4	85795.	6872.3	82.531	4495.6
Stddev	5.1	396.	26.2	1.159	6.2
%RSD	.11622	.46122	.38120	1.4047	.13815
#1	4356.5	85525.	6845.0	83.657	4491.1
#2	4366.7	85609.	6874.5	81.341	4502.7
#3	4361.1	86249.	6897.3	82.594	4493.0

Sample Name: K2377-03LX5 Acquired: 4/12/2019 17:10:02 Type: Unk
Method: P4-ICP2(v3048) 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	.00317	-.00180	.06173	.00766	-.00047	29.241	.11591
Stddev	.00269	.00059	.00043	.00121	.00107	.079	.00028
%RSD	84.942	32.585	.69182	15.788	227.98	.26939	.23759

#1	.00203	-.00187	.06132	.00643	-.00145	29.191	.11565
#2	.00625	-.00118	.06217	.00884	.00066	29.201	.11589
#3	.00124	-.00234	.06171	.00770	-.00062	29.332	.11620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00061	7.3938	.03903	.02753	.10243	56.041
Stddev	.00001	.00003	.0614	.00045	.00035	.00037	.345
%RSD	.60489	5.1239	.83006	1.1571	1.2705	.36030	.61597

#1	.00148	-.00060	7.4530	.03851	.02714	.10202	55.893
#2	.00147	-.00064	7.3305	.03933	.02766	.10254	56.436
#3	.00149	-.00058	7.3979	.03925	.02780	.10273	55.795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1911	9.5989	.03678	.00191	.79643	.07859	.10523
Stddev	.0031	.0402	.00032	.00026	.00658	.00068	.00041
%RSD	.25620	.41925	.86097	13.866	.82561	.86892	.38643

#1	1.1884	9.5984	.03699	.00167	.78907	.07781	.10502
#2	1.1906	9.6395	.03642	.00219	.80173	.07893	.10498
#3	1.1944	9.5590	.03694	.00186	.79850	.07904	.10570

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8984	-.00016	.01659	.20859	1.1931	.00496	.89924
Stddev	.0413	.00013	.00903	.00272	.0106	.00003	.00656
%RSD	2.1753	83.387	54.395	1.3023	.88544	.59495	.72938

#1	1.9011	-.00031	.01421	.20711	1.1926	.00496	.90656
#2	1.8558	-.00010	.00900	.20694	1.1827	.00498	.89390
#3	1.9382	-.00006	.02657	.21173	1.2038	.00492	.89726

Sample Name: K2377-03LX5 Acquired: 4/12/2019 17:10:02 Type: Unk
Method: P4-ICP2(v3048) 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	.02983	1.195	-.02735	2.1226	F<.00000
Stddev	.00041	.007	.00062	.0254	4.5330
%RSD	1.3863	.6086	2.2624	1.1956	75.860

#1	.02945	1.187	-.02713	2.1216	-2.5094
#2	.03027	1.202	-.02805	2.0978	-11.105
#3	.02977	1.198	-.02687	2.1485	-4.3118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4028.5	78870.	6155.5	85.046	4891.7
Stddev	16.9	366.	54.5	1.946	7.4
%RSD	.41897	.46427	.88493	2.2887	.15160

#1	4009.3	78747.	6101.9	83.500	4883.1
#2	4035.3	79282.	6210.8	87.232	4895.9
#3	4040.9	78581.	6153.8	84.407	4895.9

Sample Name: K2377-03MS Acquired: 4/12/2019 17:14:29 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69391	1.9976	1.3108	1.7135	.14911	144.42	.71223
Stddev	.00352	.0110	.0055	.0034	.00192	.51	.00313
%RSD	.50665	.54956	.42162	.20016	1.2865	.35351	.43949

#1	.69155	1.9965	1.3050	1.7111	.14939	144.39	.71246
#2	.69221	1.9873	1.3114	1.7120	.15087	144.95	.71525
#3	.69795	2.0091	1.3160	1.7174	.14707	143.93	.70900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18229	.20162	33.791	.52510	.34593	.73190	223.77
Stddev	.00044	.00022	.012	.00053	.00077	.00238	1.11
%RSD	.24407	.10913	.03622	.10041	.22140	.32517	.49713

#1	.18184	.20156	33.805	.52485	.34530	.73463	223.79
#2	.18230	.20144	33.783	.52571	.34571	.73081	224.87
#3	.18273	.20187	33.785	.52474	.34678	.73026	222.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1973	43.835	.70334	.06781	6.1444	.61799	.77914
Stddev	.0024	.212	.00180	.00027	.0269	.00022	.00112
%RSD	.04554	.48363	.25651	.39399	.43800	.03530	.14356

#1	5.1950	43.798	.70125	.06753	6.1194	.61821	.77866
#2	5.1971	44.064	.70432	.06806	6.1729	.61797	.77834
#3	5.1997	43.645	.70443	.06783	6.1408	.61778	.78042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.725	.33015	.24824	1.0636	7.1337	.71216	4.4223
Stddev	.077	.00099	.00424	.0064	.0384	.00352	.0040
%RSD	.46278	.30017	1.7088	.60596	.53821	.49395	.09062

#1	16.702	.32935	.25010	1.0562	7.1147	.70968	4.4210
#2	16.812	.32983	.24338	1.0683	7.1086	.71061	4.4190
#3	16.662	.33126	.25123	1.0662	7.1779	.71618	4.4268

Sample Name: K2377-03MS Acquired: 4/12/2019 17:14:29 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-13-SMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31512	F 11.88	.08190	<.00000	F<.00000
Stddev	.00152	.06	.00124	.18676	1.9435
%RSD	.48140	.5133	1.5153	17.907	2.0202
#1	.31381	11.87	.08139	-.90127	-97.956
#2	.31476	11.83	.08101	-1.2546	-94.114
#3	.31678	11.95	.08332	-.97291	-96.550
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4293.7	84505.	6744.3	81.786	4403.5
Stddev	4.6	380.	14.9	1.768	7.7
%RSD	.10798	.45012	.22024	2.1619	.17546
#1	4298.9	84293.	6730.1	80.486	4408.9
#2	4290.2	84278.	6743.1	83.800	4406.9
#3	4291.8	84944.	6759.7	81.074	4394.6

Sample Name: CCV05 Acquired: 4/12/2019 17:18:56 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118838BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9501	5.0151	4.8623	4.9915	4.9492	9.9119	9.9974
Stddev	.0149	.0047	.0057	.0163	.0137	.0544	.0082
%RSD	.30089	.09473	.11703	.32604	.27667	.54933	.08246

#1	4.9576	5.0205	4.8689	4.9972	4.9608	9.8768	9.9966
#2	4.9330	5.0132	4.8599	4.9731	4.9341	9.8843	9.9896
#3	4.9598	5.0116	4.8583	5.0042	4.9529	9.9746	10.006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24655	2.4107	24.688	.96676	2.4475	1.2555	4.8885
Stddev	.00033	.0046	.122	.00204	.0017	.0039	.0100
%RSD	.13363	.18894	.49309	.21127	.06954	.31052	.20519

#1	.24690	2.4153	24.776	.96643	2.4493	1.2584	4.9000
#2	.24651	2.4061	24.549	.96490	2.4459	1.2511	4.8842
#3	.24625	2.4107	24.739	.96895	2.4473	1.2570	4.8813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4562	24.406	2.4592	1.2831	24.117	2.4386	2.4569
Stddev	.0042	.181	.0048	.0022	.009	.0037	.0037
%RSD	.17266	.74027	.19676	.17441	.03689	.14986	.15182

#1	2.4577	24.471	2.4630	1.2851	24.115	2.4415	2.4611
#2	2.4595	24.202	2.4537	1.2807	24.109	2.4399	2.4543
#3	2.4514	24.545	2.4609	1.2834	24.127	2.4345	2.4551

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.853	5.0092	4.9190	4.8936	5.1464	4.9386	5.0411
Stddev	.058	.0079	.0154	.0137	.0308	.0063	.0084
%RSD	.23374	.15857	.31256	.27920	.59749	.12735	.16744

#1	24.821	5.0126	4.9125	4.9081	5.1792	4.9385	5.0466
#2	24.920	5.0001	4.9079	4.8810	5.1182	4.9323	5.0314
#3	24.817	5.0148	4.9365	4.8918	5.1418	4.9449	5.0453

Sample Name: CCV05 Acquired: 4/12/2019 17:18:56 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118838BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9233	4.913	4.9759	F 4.3320	F<.00000
Stddev	.0235	.009	.0333	.1825	2.8034
%RSD	.47697	.1765	.66861	4.2129	36.762
#1	4.9493	4.921	5.0059	4.3618	-4.3897
#2	4.9167	4.914	4.9401	4.4978	-9.3128
#3	4.9037	4.904	4.9816	4.1365	-9.1749
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3783.2	74204.	5912.3	83.174	4544.5
Stddev	5.9	217.	39.9	1.206	11.6
%RSD	.15672	.29217	.67488	1.4497	.25489
#1	3776.4	73980.	5868.3	84.549	4532.8
#2	3786.0	74220.	5922.4	82.677	4544.7
#3	3787.2	74413.	5946.1	82.296	4556.0

Sample Name: CCB05 Acquired: 4/12/2019 17:22:57 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118838BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00083	.00168	-.00041	-.00092	-.01357	.00103
Stddev	.00096	.00058	.00033	.00286	.00056	.00492	.00022
%RSD	229.28	69.469	19.672	694.78	61.448	36.268	20.999

#1	.00002	.00084	.00131	.00289	-.00145	-.00795	.00118
#2	.00151	.00025	.00194	-.00190	-.00033	-.01711	.00113
#3	-.00027	.00141	.00179	-.00223	-.00097	-.01564	.00078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00008	-.00709	-.00046	.00007	-.00039	.00009
Stddev	.00002	.00001	.00930	.00024	.00021	.00043	.00032
%RSD	758.59	18.295	131.17	51.910	297.74	108.69	349.14

#1	-.00003	.00009	-.00187	-.00029	.00021	-.00036	-.00024
#2	.00002	.00007	-.00158	-.00073	-.00017	.00002	.00012
#3	.00001	.00007	-.01783	-.00035	.00016	-.00084	.00040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00226	.00088	.00005	.06690	-.00019	-.00055
Stddev	.00003	.00867	.00014	.00039	.01566	.00008	.00003
%RSD	703.22	382.80	15.428	783.65	23.408	41.533	6.0451

#1	-.00002	.00578	.00079	-.00019	.05016	-.00018	-.00051
#2	.00003	-.01145	.00104	.00050	.08119	-.00012	-.00057
#3	.00001	-.00112	.00082	-.00016	.06937	-.00028	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17920	.00014	.01531	-.00941	.00547	.00086	-.00086
Stddev	.02359	.00020	.00652	.00149	.00320	.00037	.00189
%RSD	13.162	146.39	42.619	15.859	58.554	43.038	219.86

#1	.15808	.00025	.01275	-.00774	.00718	.00069	.00005
#2	.17485	.00026	.02273	-.00989	.00177	.00060	.00040
#3	.20465	-.00010	.01046	-.01060	.00745	.00128	-.00303

Sample Name: CCB05 Acquired: 4/12/2019 17:22:57 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118838BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00242	-.0006	-.00009	F 2.7056	F<.00000
Stddev	.00081	.0010	.00011	.1047	3.6096
%RSD	33.296	167.0	124.11	3.8700	48.683
#1	.00187	-.0018	-.00015	2.7131	-11.321
#2	.00206	-.0004	.00004	2.8063	-4.2034
#3	.00335	.0003	-.00016	2.5973	-6.7188
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4038.2	80053.	6102.1	89.331	5316.0
Stddev	7.0	131.	35.8	1.087	4.0
%RSD	.17319	.16304	.58636	1.2166	.07438
#1	4030.9	79910.	6061.5	88.492	5311.8
#2	4038.7	80084.	6115.6	90.558	5319.7
#3	4044.9	80166.	6129.1	88.942	5316.4

Sample Name: K2377-03MSD Acquired: 4/12/2019 17:27:25 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69317	2.0045	1.3010	1.7206	.15034	144.76	.71118
Stddev	.00495	.0109	.0042	.0077	.00134	.72	.00348
%RSD	.71339	.54138	.32239	.44638	.88865	.49552	.48989

#1	.69778	2.0149	1.3058	1.7292	.15076	144.35	.71005
#2	.69378	2.0054	1.2982	1.7184	.15141	145.59	.71509
#3	.68795	1.9933	1.2990	1.7143	.14884	144.35	.70840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18141	.20250	33.857	.52076	.34600	.73344	222.48
Stddev	.00053	.00046	.148	.00190	.00085	.00332	.70
%RSD	.29485	.22566	.43615	.36456	.24570	.45300	.31604

#1	.18086	.20299	33.697	.51876	.34693	.73669	221.73
#2	.18193	.20245	33.988	.52097	.34581	.73358	223.13
#3	.18146	.20208	33.887	.52254	.34527	.73005	222.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1736	43.562	.70210	.06737	6.1054	.61591	.78296
Stddev	.0531	.265	.00061	.00024	.0230	.00068	.00066
%RSD	1.0266	.60739	.08687	.35983	.37738	.11053	.08442

#1	5.1197	43.470	.70270	.06746	6.0862	.61513	.78344
#2	5.2259	43.861	.70148	.06756	6.1309	.61638	.78323
#3	5.1753	43.356	.70211	.06710	6.0989	.61622	.78221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.623	.33128	.22808	1.0692	7.0577	.71215	4.4377
Stddev	.055	.00108	.01650	.0091	.0524	.00530	.0076
%RSD	.33097	.32540	7.2347	.85326	.74271	.74482	.17146

#1	16.610	.33244	.20903	1.0797	6.9971	.71827	4.4317
#2	16.683	.33110	.23755	1.0632	7.0879	.70906	4.4463
#3	16.575	.33031	.23767	1.0648	7.0880	.70911	4.4351

Sample Name: K2377-03MSD Acquired: 4/12/2019 17:27:25 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13-SMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31846	F 11.95	.08370	<.00000	F<.00000
Stddev	.00085	.07	.00035	.08048	8.8201
%RSD	.26834	.5600	.41759	9.3740	7.9248
#1	.31877	12.02	.08378	-.81860	-121.00
#2	.31912	11.95	.08400	-.95119	-103.77
#3	.31750	11.88	.08332	-.80585	-109.11
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4326.7	86277.	6837.9	84.783	4434.3
Stddev	5.9	307.	17.3	2.450	3.2
%RSD	.13648	.35565	.25319	2.8903	.07197
#1	4327.5	86588.	6857.9	84.791	4433.5
#2	4320.4	85974.	6827.1	87.229	4431.5
#3	4332.2	86269.	6828.8	82.328	4437.8

Sample Name: K2377-03A Acquired: 4/12/2019 17:31:53 Type: Unk
Method: P4-ICP2(v3048) 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	.68508	1.9895	1.2940	1.7053	.14688	145.49	.71514
Stddev	.00337	.0015	.0007	.0014	.00103	1.00	.00497
%RSD	.49260	.07362	.05599	.08092	.70047	.68788	.69519

#1	.68888	1.9907	1.2932	1.7042	.14665	144.35	.70941
#2	.68243	1.9878	1.2945	1.7069	.14801	146.21	.71768
#3	.68393	1.9899	1.2943	1.7048	.14599	145.92	.71833

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18056	.20088	33.825	.51986	.34414	.73403	223.71
Stddev	.00017	.00028	.044	.00173	.00056	.00248	.81
%RSD	.09571	.13778	.13019	.33243	.16393	.33724	.36106

#1	.18076	.20110	33.777	.51788	.34416	.73684	224.14
#2	.18046	.20057	33.864	.52067	.34357	.73303	224.21
#3	.18046	.20097	33.835	.52104	.34470	.73220	222.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1926	43.899	.69877	.06745	6.1238	.61359	.77157
Stddev	.0436	.216	.00172	.00044	.0330	.00263	.00105
%RSD	.83958	.49252	.24653	.65374	.53903	.42802	.13574

#1	5.1815	43.651	.69704	.06704	6.0857	.61309	.77272
#2	5.2406	43.997	.69879	.06792	6.1433	.61643	.77067
#3	5.1556	44.049	.70049	.06740	6.1425	.61125	.77132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.636	.32960	.23322	1.0568	6.7675	.70548	4.3677
Stddev	.122	.00060	.00715	.0028	.0765	.00153	.0075
%RSD	.73056	.18219	3.0640	.26164	1.1307	.21698	.17158

#1	16.507	.33024	.22948	1.0600	6.8496	.70680	4.3597
#2	16.748	.32950	.22872	1.0551	6.7546	.70583	4.3689
#3	16.653	.32905	.24146	1.0553	6.6982	.70380	4.3745

Sample Name: K2377-03A Acquired: 4/12/2019 17:31:53 Type: Unk
 Method: P4-ICP2(v3048) 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	.31724	F 11.79	.08115	<.00000	F<.00000
Stddev	.00130	.03	.00108	.15551	.86512
%RSD	.40885	.2880	1.3338	17.238	.76659
#1	.31655	11.82	.07999	-.72837	-113.75
#2	.31644	11.75	.08214	-1.0283	-112.03
#3	.31874	11.80	.08133	-.94963	-112.78
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4334.3	86495.	6910.3	84.726	4451.9
Stddev	3.6	100.	36.7	1.504	3.3
%RSD	.08336	.11550	.53171	1.7747	.07320
#1	4333.2	86540.	6870.1	84.612	4455.5
#2	4331.3	86380.	6918.9	86.284	4449.1
#3	4338.3	86563.	6942.0	83.283	4451.1

Sample Name: K2377-07 Acquired: 4/12/2019 17:36:22 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01860	-.01532	2.7215	.02024	.00271	133.10	.99279
Stddev	.00131	.00157	.0013	.00204	.00210	.17	.00121
%RSD	7.0306	10.280	.04785	10.079	77.406	.12721	.12168

#1	.02007	-.01557	2.7218	.02253	.00093	133.23	.99316
#2	.01814	-.01364	2.7227	.01863	.00502	133.16	.99378
#3	.01758	-.01676	2.7201	.01955	.00217	132.91	.99144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	.00515	46.157	.18203	.11139	.68950	199.35
Stddev	.00004	.00006	.125	.00067	.00029	.00240	.77
%RSD	.68319	1.2019	.27037	.36860	.26355	.34825	.38453

#1	.00638	.00518	46.188	.18134	.11170	.68868	199.25
#2	.00634	.00508	46.264	.18268	.11111	.68762	200.17
#3	.00629	.00518	46.020	.18206	.11135	.69221	198.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8947	44.884	.18320	.00354	5.4286	.34648	.62035
Stddev	.0174	.154	.00091	.00038	.0089	.00124	.00051
%RSD	.35515	.34314	.49680	10.779	.16294	.35711	.08242

#1	4.8777	44.707	.18243	.00361	5.4209	.34524	.62016
#2	4.8941	44.988	.18297	.00387	5.4382	.34650	.61996
#3	4.9124	44.957	.18421	.00312	5.4266	.34771	.62092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1023	.00003	.03907	1.3258	3.3764	.32545	3.8840
Stddev	.0066	.00027	.00820	.0107	.0278	.00111	.0173
%RSD	.09351	930.12	20.980	.80585	.82322	.34166	.44613

#1	7.0956	.00012	.02968	1.3153	3.3937	.32420	3.8762
#2	7.1089	.00024	.04478	1.3256	3.3910	.32580	3.9039
#3	7.1025	-.00027	.04275	1.3367	3.3443	.32634	3.8719

Sample Name: K2377-07 Acquired: 4/12/2019 17:36:22 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12003	F 10.13	.00690	<.00000	F<.00000
Stddev	.00055	.03	.00021	.06107	3.2103
%RSD	.45429	.3361	3.1076	7.6738	4.3561
#1	.11993	10.14	.00686	-.73587	-75.425
#2	.11954	10.09	.00672	-.79357	-69.992
#3	.12062	10.15	.00714	-.85795	-75.672
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4304.2	85943.	6941.4	86.027	4503.0
Stddev	5.9	170.	26.0	.893	3.7
%RSD	.13717	.19802	.37495	1.0380	.08180
#1	4303.8	85914.	6935.5	85.427	4500.5
#2	4310.3	85790.	6918.8	87.053	4507.2
#3	4298.5	86126.	6969.8	85.601	4501.1

Sample Name: K2351-01 Acquired: 4/12/2019 17:40:57 Type: Unk
Method: P4-ICP2(v3048) 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	-.00002	.00018	.00786	.00105	-.00083	.01813	.00193
Stddev	.00092	.00087	.00085	.00136	.00091	.02097	.00003
%RSD	3933.4	474.90	10.772	129.49	110.07	115.65	1.3423

#1	.00100	.00117	.00833	-.00043	.00017	.04119	.00196
#2	-.00076	-.00047	.00836	.00133	-.00161	.00019	.00191
#3	-.00031	-.00015	.00688	.00225	-.00104	.01303	.00192

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00070	.08579	.00029	.00015	.00550	.04266
Stddev	.00008	.00005	.01403	.00014	.00026	.00026	.00064
%RSD	222.02	6.8047	16.355	49.969	169.79	4.7216	1.5117

#1	.00011	.00068	.07094	.00030	.00022	.00580	.04312
#2	.00004	.00075	.09883	.00014	.00036	.00537	.04294
#3	-.00004	.00066	.08760	.00042	-.00013	.00534	.04192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	.08166	.00196	-.00023	.53306	-.00057	.01619
Stddev	.00004	.03701	.00030	.00053	.00536	.00006	.00002
%RSD	3.3005	45.325	15.286	227.93	1.0062	10.872	.10297

#1	.00117	.04395	.00188	-.00017	.53763	-.00064	.01618
#2	.00113	.08310	.00171	.00026	.53440	-.00057	.01621
#3	.00120	.11793	.00229	-.00078	.52716	-.00051	.01618

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18777	.00006	.00947	.03392	.02825	-.00050	-.00045
Stddev	.03316	.00021	.00003	.00135	.00189	.00080	.00149
%RSD	17.658	365.07	.27435	3.9950	6.6807	157.64	333.39

#1	.22449	.00028	.00947	.03507	.02766	.00022	.00126
#2	.17878	-.00013	.00944	.03242	.02673	-.00038	-.00146
#3	.16003	.00002	.00949	.03425	.03036	-.00136	-.00113

Sample Name: K2351-01 Acquired: 4/12/2019 17:40:57 Type: Unk
 Method: P4-ICP2(v3048) 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	-.00070	.0032	.00089	2.5146	F<.00000
Stddev	.00011	.0004	.00003	.1033	2.1150
%RSD	15.502	11.51	3.1851	4.1085	16.033

#1	-.00082	.0030	.00088	2.3960	-10.984
#2	-.00062	.0030	.00092	2.5851	-15.200
#3	-.00065	.0037	.00087	2.5627	-13.390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4067.0	81724.	6237.0	92.119	5408.8
Stddev	6.2	271.	16.4	1.675	12.8
%RSD	.15218	.33103	.26321	1.8179	.23625

#1	4074.0	81678.	6223.8	93.458	5423.2
#2	4064.6	82015.	6255.4	90.242	5404.5
#3	4062.3	81479.	6231.9	92.658	5398.8

Sample Name: K2369-01 Acquired: 4/12/2019 17:45:24 Type: Unk
Method: P4-ICP2(v3048) 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	-.00037	-.00034	.02568	.00334	.00318	.55489	.05448
Stddev	.00116	.00045	.00021	.00175	.00096	.01334	.00081
%RSD	313.97	131.48	.82464	52.388	30.148	2.4041	1.4869

#1	-.00141	-.00043	.02591	.00175	.00214	.55922	.05368
#2	-.00057	.00015	.02551	.00306	.00336	.53992	.05530
#3	.00087	-.00074	.02561	.00521	.00403	.56552	.05446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00066	29.732	.00713	.00073	.39545	1.0745
Stddev	.00003	.00009	.056	.00014	.00011	.00101	.0031
%RSD	34.408	13.000	.18948	2.0022	15.695	.25531	.28764

#1	.00006	.00057	29.795	.00729	.00077	.39548	1.0710
#2	.00006	.00067	29.713	.00701	.00081	.39644	1.0763
#3	.00010	.00073	29.688	.00708	.00060	.39442	1.0763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05689	8.0173	.00786	.00034	76.601	.00084	.48790
Stddev	.00019	.0141	.00044	.00013	.096	.00022	.00059
%RSD	.33824	.17532	5.6112	37.190	.12581	25.625	.12052

#1	.05667	8.0065	.00803	.00026	76.493	.00104	.48855
#2	.05703	8.0123	.00820	.00049	76.631	.00062	.48774
#3	.05696	8.0332	.00736	.00027	76.679	.00086	.48740

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.742	.00052	.04235	F 18.178	8.3081	-.00545	.01770
Stddev	.075	.00011	.00624	.048	.0031	.00017	.00150
%RSD	.40273	21.245	14.746	.26402	.03683	3.1707	8.4846

#1	18.659	.00040	.04206	18.228	8.3109	-.00563	.01743
#2	18.761	.00057	.04873	18.176	8.3048	-.00528	.01635
#3	18.807	.00061	.03625	18.132	8.3085	-.00544	.01932

Sample Name: K2369-01 Acquired: 4/12/2019 17:45:24 Type: Unk
 Method: P4-ICP2(v3048) 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	.00070	3.774	.11600	3.6394	F<.00000
Stddev	.00085	.006	.00009	.0858	2.1529
%RSD	121.73	.1685	.07947	2.3564	33.763

#1	.00101	3.773	.11600	3.7151	-6.4717
#2	.00136	3.781	.11591	3.6568	-4.1775
#3	-.00026	3.769	.11609	3.5462	-8.4801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.3	77165.	6204.3	87.933	4723.7
Stddev	8.1	149.	21.6	.633	5.9
%RSD	.21273	.19325	.34870	.72028	.12499

#1	3821.9	77000.	6179.5	87.299	4726.8
#2	3817.6	77291.	6218.8	87.935	4716.9
#3	3833.3	77202.	6214.7	88.566	4727.4

Sample Name: K2364-01 Acquired: 4/12/2019 17:49:41 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05508	-.01122	.00579	.02054	.00795	.49566	3.0260
Stddev	.00380	.00102	.00426	.00738	.00045	.00129	.0294
%RSD	6.8989	9.0853	73.560	35.951	5.6524	.25974	.97143

#1	-.05192	-.01060	.00482	.02119	.00759	.49615	3.0291
#2	-.05930	-.01239	.01045	.01285	.00782	.49420	2.9951
#3	-.05403	-.01066	.00210	.02757	.00845	.49663	3.0537

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	.02159	207.18	-.05886	-.00130	.48723	453.96
Stddev	.00005	.00325	3.75	.00050	.00009	.01867	5.28
%RSD	1.2209	15.059	1.8119	.84296	6.9224	3.8319	1.1629

#1	.00398	.02184	206.96	-.05940	-.00136	.49187	456.21
#2	.00404	.02471	203.54	-.05843	-.00134	.50313	447.92
#3	.00407	.01822	211.03	-.05874	-.00119	.46667	457.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.227	34.744	-.04766	-.00913	1413.7	-.00448	.23848
Stddev	.066	.484	.00196	.00018	16.3	.00057	.01392
%RSD	.49565	1.3936	4.1115	1.9507	1.1527	12.662	5.8373

#1	13.219	34.498	-.04719	-.00909	1407.7	-.00502	.23855
#2	13.165	34.433	-.04981	-.00897	1401.2	-.00454	.25237
#3	13.296	35.302	-.04598	-.00932	1432.1	-.00389	.22453

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5178	.00025	.00497	F 17.907	5.4139	.00607	.05000
Stddev	.1784	.00037	.02278	.626	.1076	.00065	.00302
%RSD	2.0941	150.07	457.97	3.4975	1.9875	10.718	6.0448

#1	8.3471	-.00004	.01898	17.970	5.4662	.00633	.04657
#2	8.5033	.00067	-.02131	18.500	5.2902	.00655	.05226
#3	8.7030	.00012	.01726	17.252	5.4854	.00533	.05117

Sample Name: K2364-01 Acquired: 4/12/2019 17:49:41 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02742	.3758	.59542	1.5123	F<.00000
Stddev	.00574	.0137	.01316	.0250	3.1968
%RSD	20.914	3.650	2.2104	1.6519	1.0955

#1	.02180	.3761	.59725	1.5345	-288.19
#2	.02721	.3893	.58143	1.5172	-293.03
#3	.03326	.3619	.60756	1.4853	-294.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.5	63075.	5461.2	73.433	3482.7
Stddev	90.1	597.	92.7	1.679	103.3
%RSD	2.8414	.94600	1.6977	2.2857	2.9646

#1	3148.0	62660.	5404.6	72.165	3479.8
#2	3093.9	63759.	5568.2	75.337	3380.9
#3	3269.8	62807.	5410.7	72.798	3587.4

Sample Name: K2364-01DUP Acquired: 4/12/2019 17:54:25 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05228	-.00907	.00504	.02042	.00593	.50529	3.0108
Stddev	.00233	.00096	.00086	.00076	.00126	.01537	.0265
%RSD	4.4549	10.597	17.020	3.7030	21.225	3.0408	.88131

#1	-.04988	-.00941	.00590	.02071	.00737	.50927	3.0299
#2	-.05244	-.00982	.00505	.02098	.00501	.48833	3.0220
#3	-.05453	-.00799	.00418	.01956	.00542	.51827	2.9805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	.02077	199.34	-.05878	-.00051	.48022	454.84
Stddev	.00024	.00023	10.50	.00046	.00032	.00068	2.95
%RSD	6.4814	1.0873	5.2692	.77781	61.679	.14134	.64773

#1	.00391	.02102	205.85	-.05906	-.00045	.48001	451.91
#2	.00346	.02061	204.96	-.05825	-.00086	.48098	454.80
#3	.00384	.02066	187.23	-.05903	-.00024	.47968	457.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.243	34.654	-.04739	-.00918	1373.6	-.00465	.23378
Stddev	.103	.294	.00084	.00066	13.8	.00045	.00088
%RSD	.77917	.84956	1.7626	7.2373	1.0037	9.6242	.37758

#1	13.168	34.482	-.04717	-.00937	1357.9	-.00442	.23471
#2	13.361	34.994	-.04831	-.00973	1383.7	-.00436	.23296
#3	13.201	34.485	-.04668	-.00844	1379.2	-.00516	.23368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1399	-.00012	.00517	F 17.679	5.1976	.00502	.04937
Stddev	.1485	.00034	.02158	.088	.2440	.00128	.00367
%RSD	1.6248	280.63	417.71	.49572	4.6949	25.401	7.4406

#1	8.9688	-.00001	.01042	17.609	5.3479	.00444	.05210
#2	9.2357	.00015	-.01856	17.652	5.3289	.00414	.05082
#3	9.2152	-.00050	.02364	17.778	4.9161	.00649	.04520

Sample Name: K2364-01DUP Acquired: 4/12/2019 17:54:25 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04392	.3714	.55028	1.1643	F<.00000
Stddev	.00269	.0025	.06324	.1999	9.6130
%RSD	6.1235	.6648	11.492	17.167	3.2618

#1	.04084	.3686	.59119	1.2398	-299.06
#2	.04513	.3721	.58219	1.3154	-301.38
#3	.04579	.3734	.47744	.93765	-283.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.4	63834.	5742.5	77.746	3536.2
Stddev	6.6	212.	276.3	4.106	3.3
%RSD	.20558	.33268	4.8120	5.2817	.09369

#1	3218.9	64078.	5581.4	74.066	3537.4
#2	3225.2	63728.	5584.6	76.998	3538.7
#3	3232.1	63695.	6061.6	82.175	3532.5

Sample Name: K2364-01LX5 Acquired: 4/12/2019 17:59:08 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8130 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01087	.00108	-.00201	.01877	-.00006	.08171	.56372	.00045
Stddev	.00193	.00049	.00093	.00367	.00053	.00538	.01323	.00009
%RSD	17.707	45.531	46.016	19.534	890.71	6.5822	2.3473	18.966
#1	-.00866	.00144	-.00212	.01709	.00031	.07559	.55602	.00055
#2	-.01212	.00127	-.00288	.02298	.00017	.08566	.57900	.00041
#3	-.01184	.00052	-.00104	.01625	-.00066	.08390	.55615	.00040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	42.156	-.01544	-.00030	.09342	121.16	2.8487	6.8441
Stddev	.00041	.062	.00045	.00014	.00078	3.38	.0965	.1682
%RSD	29.429	.14765	2.8819	48.035	.83523	2.7878	3.3868	2.4578
#1	-.00124	42.102	-.01505	-.00027	.09411	119.41	2.8088	6.7342
#2	-.00186	42.140	-.01593	-.00017	.09258	125.06	2.9587	7.0377
#3	-.00108	42.224	-.01536	-.00045	.09358	119.03	2.7785	6.7603
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01260	.00281	276.85	-.00090	.02962	2.0443	-.00049	.05694
Stddev	.00023	.00071	6.27	.00026	.00075	.0801	.00007	.00892
%RSD	1.7944	25.330	2.2651	28.463	2.5353	3.9192	13.902	15.668
#1	-.01285	.00351	274.28	-.00091	.03002	2.0143	-.00053	.05703
#2	-.01242	.00282	284.00	-.00063	.02875	2.1351	-.00053	.06582
#3	-.01252	.00209	272.28	-.00115	.03009	1.9835	-.00041	.04797
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1566	1.1225	.00180	.01188	.01920	.0635	.08355	3.9852
Stddev	.0136	.0044	.00093	.00281	.00091	.0015	.00296	.5643
%RSD	.43079	.38812	51.596	23.625	4.7637	2.351	3.5412	14.160
#1	3.1714	1.1180	.00136	.00864	.01816	.0621	.08559	3.9037
#2	3.1448	1.1266	.00287	.01351	.01958	.0651	.08016	4.5859
#3	3.1536	1.1230	.00118	.01350	.01987	.0632	.08491	3.4661

Sample Name: K2364-01LX5 Acquired: 4/12/2019 17:59:08 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8130 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .70937
 Stddev 2.0972
 %RSD 295.64

#1 1.6582
 #2 -1.6946
 #3 2.1645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3676.5	71100.	5863.6	85.981	4342.9
Stddev	2.4	1992.	27.7	1.418	7.8
%RSD	.06496	2.8010	.47205	1.6495	.17925

#1	3676.7	72268.	5881.1	85.833	4346.4
#2	3678.8	68801.	5831.7	84.642	4348.3
#3	3674.1	72232.	5878.0	87.467	4334.0

Sample Name: K2364-01MS Acquired: 4/12/2019 18:03:44 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84250	2.0822	1.0778	2.3346	.89764	2.9164	3.4969
Stddev	.00363	.0037	.0045	.0105	.00550	.0394	.0067
%RSD	.43045	.17558	.41898	.45118	.61238	1.3523	.19137

#1	.84657	2.0797	1.0816	2.3382	.90381	2.8830	3.4893
#2	.84132	2.0806	1.0728	2.3429	.89586	2.9599	3.4995
#3	.83961	2.0864	1.0790	2.3228	.89326	2.9063	3.5019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22846	.24289	224.96	.35740	.22640	.82302	482.05
Stddev	.00060	.00114	.67	.00064	.00072	.00112	.89
%RSD	.26104	.47022	.29655	.17886	.31683	.13649	.18401

#1	.22797	.24393	225.53	.35808	.22682	.82331	481.41
#2	.22829	.24167	225.12	.35729	.22557	.82397	481.68
#3	.22913	.24308	224.22	.35682	.22682	.82178	483.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.335	39.424	.51624	.07660	1455.6	.32414	.49662
Stddev	.114	.440	.00090	.00078	6.8	.00129	.00173
%RSD	.79750	1.1153	.17357	1.0151	.46424	.39944	.34782

#1	14.370	38.998	.51726	.07607	1460.3	.32291	.49850
#2	14.208	39.876	.51559	.07624	1458.8	.32401	.49510
#3	14.429	39.399	.51586	.07750	1447.9	.32549	.49626

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.273	.42651	.30180	F 18.908	6.7296	.78368	.27632
Stddev	.183	.00123	.01061	.077	.0299	.00100	.00358
%RSD	.82132	.28877	3.5148	.40799	.44424	.12759	1.2953

#1	22.080	.42782	.29548	18.987	6.7502	.78458	.27996
#2	22.295	.42537	.29587	18.903	6.7433	.78260	.27280
#3	22.444	.42635	.31405	18.833	6.6953	.78387	.27619

Sample Name: K2364-01MS Acquired: 4/12/2019 18:03:44 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28870	7.664	.86301	1.0158	F<.00000
Stddev	.00497	.024	.00680	.0380	3.1596
%RSD	1.7214	.3102	.78736	3.7442	.94241
#1	.28296	7.689	.86935	1.0583	-335.55
#2	.29164	7.642	.86385	.98499	-331.98
#3	.29150	7.661	.85584	1.0042	-338.28
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.0	62943.	5428.9	73.485	3442.2
Stddev	6.6	64.	31.6	1.682	9.8
%RSD	.20756	.10091	.58152	2.2894	.28331
#1	3162.7	62985.	5396.1	74.678	3431.2
#2	3175.4	62974.	5431.6	71.561	3449.9
#3	3171.9	62870.	5459.1	74.217	3445.5

Sample Name: K2364-01MSD Acquired: 4/12/2019 18:08:10 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83423	2.0634	1.0664	2.3227	.89194	2.8906	3.4699
Stddev	.00213	.0036	.0015	.0070	.00112	.0295	.0167
%RSD	.25519	.17401	.14095	.29955	.12532	1.0193	.48231

#1	.83291	2.0599	1.0647	2.3287	.89073	2.8726	3.4574
#2	.83669	2.0670	1.0677	2.3151	.89214	2.9246	3.4889
#3	.83310	2.0632	1.0667	2.3244	.89294	2.8746	3.4634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22894	.24149	223.83	.35398	.22397	.82144	478.96
Stddev	.00053	.00037	.54	.00105	.00060	.00119	4.54
%RSD	.23133	.15332	.24109	.29658	.26643	.14448	.94839

#1	.22857	.24191	224.25	.35316	.22328	.82226	473.73
#2	.22954	.24136	223.22	.35516	.22426	.82008	481.95
#3	.22870	.24121	224.01	.35362	.22437	.82197	481.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.317	39.086	.51018	.07632	1410.8	.32396	.49267
Stddev	.199	.476	.00012	.00033	5.7	.00055	.00193
%RSD	1.3886	1.2187	.02258	.43376	.40736	.16912	.39189

#1	14.098	38.571	.51005	.07608	1414.6	.32342	.49464
#2	14.488	39.512	.51028	.07618	1413.6	.32395	.49259
#3	14.364	39.174	.51020	.07670	1404.2	.32451	.49078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.270	.42395	.29326	F 18.828	6.7346	.77517	.27306
Stddev	.189	.00106	.00403	.091	.0618	.00049	.00245
%RSD	.85072	.25020	1.3756	.48359	.91805	.06332	.89649

#1	22.133	.42377	.29791	18.908	6.8029	.77535	.27321
#2	22.486	.42300	.29064	18.846	6.6825	.77461	.27054
#3	22.190	.42509	.29125	18.729	6.7184	.77555	.27543

Sample Name: K2364-01MSD Acquired: 4/12/2019 18:08:10 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29694	7.590	.85886	1.0778	F<.00000
Stddev	.00320	.016	.01281	.0905	2.7162
%RSD	1.0774	.2069	1.4915	8.3988	.79607

#1	.29419	7.597	.87365	1.0225	-341.11
#2	.29617	7.601	.85110	1.0287	-338.53
#3	.30045	7.572	.85184	1.1823	-343.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.8	63307.	5440.7	74.072	3484.0
Stddev	6.2	164.	38.8	.561	2.0
%RSD	.19347	.25923	.71365	.75691	.05880

#1	3192.7	63395.	5399.3	73.424	3481.8
#2	3205.0	63117.	5476.3	74.399	3484.2
#3	3198.7	63408.	5446.5	74.392	3485.9

Sample Name: CCV06 Acquired: 4/12/2019 18:12:37 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14841 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9561	4.9928	4.8532	4.9985	4.9604	9.7338	9.8925
Stddev	.0087	.0019	.0015	.0114	.0040	.1437	.1085
%RSD	.17572	.03844	.03096	.22738	.08026	1.4763	1.0968

#1	4.9460	4.9948	4.8518	4.9867	4.9578	9.8159	9.9380
#2	4.9610	4.9926	4.8548	5.0093	4.9650	9.5678	9.7686
#3	4.9612	4.9910	4.8529	4.9996	4.9584	9.8176	9.9707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24480	2.4184	24.160	.96868	2.4529	1.2518	4.8779
Stddev	.00051	.0008	1.266	.00214	.0014	.0004	.0037
%RSD	.20817	.03417	5.2391	.22096	.05501	.03346	.07574

#1	.24534	2.4180	24.836	.96633	2.4544	1.2514	4.8818
#2	.24433	2.4179	22.700	.97052	2.4518	1.2523	4.8745
#3	.24474	2.4194	24.944	.96920	2.4526	1.2517	4.8775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4584	23.964	2.4623	1.2760	23.943	2.4425	2.4545
Stddev	.0032	.263	.0016	.0003	.223	.0054	.0008
%RSD	.12845	1.0965	.06596	.02375	.93018	.21993	.03313

#1	2.4619	24.075	2.4642	1.2760	24.092	2.4479	2.4554
#2	2.4578	23.664	2.4612	1.2757	23.687	2.4372	2.4541
#3	2.4557	24.154	2.4615	1.2763	24.051	2.4424	2.4539

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.499	5.0247	4.8142	4.9059	5.0449	4.9416	4.9077
Stddev	.207	.0060	.0586	.0077	.1747	.0009	.2603
%RSD	.84645	.11909	1.2169	.15679	3.4624	.01769	5.3039

#1	24.636	5.0236	4.8051	4.8971	5.1392	4.9406	5.0462
#2	24.261	5.0312	4.7607	4.9106	4.8433	4.9421	4.6074
#3	24.602	5.0195	4.8768	4.9102	5.1521	4.9421	5.0695

Sample Name: CCV06 Acquired: 4/12/2019 18:12:37 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14841 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8094	4.903	4.8939	F 3.8105	F<.00000
Stddev	.2415	.012	.2278	.1825	5.2800
%RSD	5.0224	.2371	4.6557	4.7888	73.148

#1	4.9396	4.902	5.0248	3.9766	-1.2173
#2	4.5307	4.892	4.6308	3.6152	-9.2858
#3	4.9579	4.915	5.0261	3.8397	-11.152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.9	76087.	6125.4	86.459	4627.2
Stddev	6.9	69.	247.7	3.263	1.6
%RSD	.17942	.09074	4.0442	3.7742	.03523

#1	3855.5	76010.	5978.6	83.575	4628.3
#2	3842.0	76143.	6411.4	90.001	4627.9
#3	3846.3	76108.	5986.1	85.802	4625.3

Sample Name: CCB06 Acquired: 4/12/2019 18:16:37 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14841 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	.00155	-.00022	.00048	-.00202	-.01545	.00111
Stddev	.00215	.00079	.00011	.00273	.00195	.01233	.00017
%RSD	100.89	50.835	51.583	573.46	96.687	79.833	15.243

#1	-.00240	.00246	-.00011	-.00255	-.00252	-.01562	.00092
#2	-.00412	.00118	-.00034	.00275	.00014	-.02769	.00115
#3	.00014	.00101	-.00021	.00123	-.00366	-.00303	.00125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00007	-.00624	-.00005	.00004	-.00059	-.00047
Stddev	.00004	.00008	.01306	.00009	.00015	.00011	.00038
%RSD	127.43	115.56	209.37	171.61	400.75	17.914	81.442

#1	.00006	.00016	.00254	-.00013	.00013	-.00053	-.00039
#2	.00005	.00005	-.02125	.00005	-.00013	-.00053	-.00089
#3	-.00002	.00000	-.00001	-.00009	.00011	-.00071	-.00014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00085	.00104	.00012	F .57071	-.00074	-.00099
Stddev	.00003	.02868	.00051	.00010	.01532	.00032	.00007
%RSD	187.56	3360.5	48.796	80.045	2.6835	43.633	7.2730

#1	.00001	-.00532	.00054	.00002	.58450	-.00078	-.00107
#2	-.00000	.02979	.00101	.00021	.57341	-.00040	-.00098
#3	-.00005	-.02704	.00155	.00013	.55423	-.00103	-.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24806	.00010	.00363	-.00277	.00629	.00043	-.00046
Stddev	.02271	.00015	.01956	.00045	.00238	.00043	.00125
%RSD	9.1564	154.24	539.37	16.241	37.794	100.78	272.80

#1	.26000	.00008	-.01887	-.00328	.00727	.00088	.00095
#2	.22186	-.00004	.01666	-.00243	.00803	.00038	-.00089
#3	.26230	.00025	.01309	-.00260	.00358	.00002	-.00143

Sample Name: CCB06 Acquired: 4/12/2019 18:16:37 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14841 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00540	-.0009	.00001	F 2.6685	F<.00000
Stddev	.00108	.0008	.00005	.1390	2.6315
%RSD	20.000	94.39	518.82	5.2094	21.671

#1	.00427	-.0015	.00007	2.5304	-10.543
#2	.00642	.0001	-.00000	2.6665	-10.705
#3	.00551	-.0013	-.00004	2.8084	-15.180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4069.0	80755.	6115.3	89.050	5339.9
Stddev	7.1	385.	9.6	1.506	1.5
%RSD	.17376	.47633	.15750	1.6908	.02724

#1	4076.7	80381.	6109.6	88.900	5340.7
#2	4062.9	80735.	6126.4	90.625	5338.2
#3	4067.4	81149.	6109.9	87.625	5340.7

Sample Name: K2364-01A Acquired: 4/12/2019 18:21:05 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8130 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83814	2.0620	1.0647	2.3185	.89264	2.9443	3.4962
Stddev	.00506	.0043	.0035	.0130	.00273	.0464	.0217
%RSD	.60369	.20954	.33018	.55904	.30543	1.5747	.62054

#1	.84260	2.0629	1.0680	2.3335	.89490	2.8915	3.4720
#2	.83264	2.0573	1.0610	2.3105	.89341	2.9630	3.5024
#3	.83918	2.0658	1.0650	2.3116	.88962	2.9783	3.5141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22880	.24123	224.65	.35727	.22366	.82058	478.14
Stddev	.00108	.00074	.86	.00073	.00065	.00399	1.93
%RSD	.47224	.30539	.38242	.20496	.28850	.48650	.40295

#1	.23004	.24201	225.61	.35643	.22413	.82512	477.09
#2	.22829	.24055	224.37	.35777	.22292	.81899	476.97
#3	.22807	.24113	223.96	.35761	.22393	.81762	480.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.328	39.371	.51039	.07542	1472.8	.32426	.49221
Stddev	.142	.525	.00282	.00067	8.5	.00096	.00122
%RSD	.99095	1.3332	.55211	.89406	.57640	.29513	.24837

#1	14.432	38.940	.51340	.07566	1482.5	.32465	.49361
#2	14.386	39.217	.50782	.07465	1466.7	.32496	.49164
#3	14.167	39.956	.50994	.07593	1469.2	.32317	.49137

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.861	.42253	.32932	F 18.876	6.6878	.77415	.27396
Stddev	.265	.00138	.01498	.020	.0586	.00285	.00159
%RSD	1.2132	.32733	4.5501	.10554	.87681	.36825	.58158

#1	21.582	.42322	.33982	18.898	6.7541	.77660	.27578
#2	21.890	.42342	.33599	18.860	6.6668	.77102	.27331
#3	22.110	.42093	.31216	18.869	6.6426	.77481	.27280

Sample Name: K2364-01A Acquired: 4/12/2019 18:21:05 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8130 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27956	7.589	.86286	1.0589	F<.00000
Stddev	.00397	.011	.00721	.1637	7.0685
%RSD	1.4206	.1454	.83524	15.456	2.0609

#1	.27500	7.601	.86901	1.2432	-345.14
#2	.28143	7.580	.86464	1.0028	-348.72
#3	.28226	7.587	.85493	.93060	-335.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.2	63379.	5477.8	73.019	3486.8
Stddev	13.9	201.	71.9	2.490	12.0
%RSD	.43291	.31709	1.3122	3.4097	.34548

#1	3185.7	63160.	5397.1	71.473	3472.9
#2	3198.5	63555.	5501.3	75.891	3493.4
#3	3213.4	63421.	5534.9	71.694	3494.1

Sample Name: K2364-02 Acquired: 4/12/2019 18:25:33 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05931	-.03554	-.00740	.14645	.02534	.43942	.34349
Stddev	.00371	.00076	.00097	.00163	.00263	.01279	.00200
%RSD	6.2579	2.1451	13.084	1.1119	10.362	2.9100	.58349

#1	-.06356	-.03552	-.00641	.14830	.02729	.45161	.34419
#2	-.05672	-.03631	-.00834	.14526	.02637	.42611	.34123
#3	-.05765	-.03479	-.00745	.14577	.02235	.44054	.34505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	.00185	249.68	.00711	.00134	.30831	319.55
Stddev	.00007	.00067	.66	.00025	.00027	.00050	2.06
%RSD	3.8238	36.058	.26371	3.5169	20.192	.16358	.64525

#1	.00170	.00234	248.95	.00736	.00138	.30884	318.05
#2	.00178	.00213	249.88	.00713	.00158	.30783	318.71
#3	.00184	.00109	250.22	.00686	.00105	.30825	321.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8810	41.115	-.02739	.00193	1118.0	-.00379	.52002
Stddev	.0520	.402	.00023	.00035	14.5	.00066	.00223
%RSD	.52662	.97656	.85504	17.948	1.2990	17.434	.42866

#1	9.8356	41.221	-.02761	.00166	1129.8	-.00307	.52259
#2	9.8696	40.671	-.02742	.00232	1122.5	-.00394	.51891
#3	9.9378	41.453	-.02714	.00181	1101.8	-.00437	.51857

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	446.52	.00554	4.4345	F 28.710	6.3238	.05062	.00691
Stddev	1.90	.00050	.0427	.127	.0454	.00086	.00117
%RSD	.42595	8.9746	.96360	.44101	.71859	1.6906	16.938

#1	446.60	.00560	4.4308	28.800	6.2728	.05107	.00556
#2	444.58	.00601	4.3937	28.566	6.3388	.05116	.00757
#3	448.38	.00502	4.4789	28.766	6.3599	.04964	.00761

Sample Name: K2364-02 Acquired: 4/12/2019 18:25:33 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04038	F 128.5	.74822	5.3563	F<.00000
Stddev	.00156	.5	.00210	.0975	5.9400
%RSD	3.8602	.3636	.28088	1.8200	5.4378
#1	.03868	128.9	.74811	5.4668	-107.14
#2	.04073	128.0	.75037	5.2827	-115.94
#3	.04174	128.7	.74617	5.3193	-104.63
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.7	58403.	5477.3	73.748	3508.2
Stddev	16.3	128.	20.3	2.769	19.5
%RSD	.58001	.21864	.37010	3.7548	.55666
#1	2787.7	58375.	5499.1	75.829	3487.3
#2	2800.5	58542.	5459.0	74.810	3511.3
#3	2820.0	58291.	5473.9	70.605	3526.0

Sample Name: K2371-01 Acquired: 4/12/2019 18:30:17 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05818	-.01306	-.00342	.01708	.00454	1.6943	1.1589
Stddev	.00065	.00103	.00121	.00051	.00204	.0288	.0067
%RSD	1.1096	7.8956	35.403	2.9701	44.975	1.6979	.58080

#1	-.05752	-.01347	-.00283	.01766	.00226	1.6639	1.1511
#2	-.05881	-.01189	-.00261	.01672	.00517	1.7211	1.1623
#3	-.05820	-.01383	-.00481	.01687	.00620	1.6979	1.1632

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00425	.03706	671.31	-.07908	.00012	.50660	500.52
Stddev	.00022	.00072	14.26	.00030	.00014	.00280	1.30
%RSD	5.1046	1.9497	2.1235	.37898	123.05	.55368	.25894

#1	.00417	.03742	654.89	-.07942	.00022	.50682	499.76
#2	.00449	.03752	678.55	-.07890	-.00005	.50928	499.78
#3	.00408	.03622	680.50	-.07891	.00018	.50369	502.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.352	186.54	-.06867	-.01776	1765.6	-.02871	2.3307
Stddev	.243	1.86	.00070	.00066	44.8	.00053	.0107
%RSD	.72857	.99600	1.0137	3.7349	2.5369	1.8583	.45889

#1	33.270	184.41	-.06924	-.01785	1814.3	-.02930	2.3350
#2	33.160	187.42	-.06887	-.01705	1756.5	-.02827	2.3386
#3	33.625	187.80	-.06790	-.01837	1726.1	-.02856	2.3185

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.135	.00149	-.02551	F 35.179	4.0945	.00316	.00056
Stddev	.602	.00053	.00577	.105	.0782	.00135	.00179
%RSD	.66053	35.332	22.636	.29968	1.9099	42.850	317.82

#1	90.465	.00160	-.02532	35.154	4.0050	.00284	.00226
#2	91.310	.00195	-.03138	35.295	4.1289	.00464	-.00130
#3	91.631	.00091	-.01983	35.088	4.1496	.00199	.00073

Sample Name: K2371-01 Acquired: 4/12/2019 18:30:17 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06984	1.016	2.9180	1.4937	F<.00000
Stddev	.00444	.002	.0670	.0498	10.886
%RSD	6.3526	.1999	2.2952	3.3303	2.7433

#1	.06475	1.017	2.8407	1.5485	-384.48
#2	.07192	1.018	2.9571	1.4812	-405.03
#3	.07287	1.014	2.9562	1.4514	-401.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.5	60078.	5441.7	69.449	3175.2
Stddev	14.2	186.	62.4	1.863	12.5
%RSD	.47556	.30967	1.1471	2.6829	.39251

#1	2974.0	59890.	5512.8	69.814	3166.4
#2	2989.0	60083.	5395.9	71.104	3169.6
#3	3002.4	60262.	5416.4	67.431	3189.4

Sample Name: K2381-01 Acquired: 4/12/2019 18:34:57 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04379	-.00556	.00689	.02916	.00706	.14669	1.4840
Stddev	.00095	.00301	.00164	.00152	.00025	.02017	.0285
%RSD	2.1708	54.108	23.834	5.2191	3.5018	13.750	1.9177

#1	-.04301	-.00377	.00630	.02796	.00720	.14561	1.4718
#2	-.04485	-.00903	.00874	.03087	.00720	.12708	1.4636
#3	-.04351	-.00388	.00562	.02864	.00677	.16738	1.5165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	.01063	268.56	.00063	-.00173	.50747	380.22
Stddev	.00009	.00082	.79	.00107	.00025	.00252	5.44
%RSD	3.5905	7.6691	.29385	171.17	14.349	.49600	1.4300

#1	.00253	.01122	267.78	-.00057	-.00159	.50939	377.34
#2	.00270	.01097	268.55	.00149	-.00201	.50840	376.82
#3	.00269	.00970	269.36	.00095	-.00158	.50462	386.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6333	54.049	-.03871	-.00316	1125.8	.00169	20.296
Stddev	.1526	1.339	.00015	.00022	20.1	.00029	.016
%RSD	2.3008	2.4780	.39697	6.8369	1.7871	17.354	.08046

#1	6.5505	53.160	-.03888	-.00305	1104.5	.00170	20.309
#2	6.5399	53.399	-.03859	-.00341	1128.3	.00198	20.278
#3	6.8094	55.590	-.03866	-.00303	1144.5	.00139	20.300

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.205	-.00499	.05269	6.4974	2.6871	.01565	-.00546
Stddev	.379	.00025	.00844	.0089	.0158	.00013	.00056
%RSD	2.4938	5.0111	16.020	.13733	.58836	.81007	10.224

#1	15.097	-.00481	.04401	6.4899	2.6693	.01579	-.00607
#2	14.892	-.00527	.05320	6.4952	2.6995	.01553	-.00536
#3	15.627	-.00487	.06086	6.5073	2.6924	.01564	-.00497

Sample Name: K2381-01 Acquired: 4/12/2019 18:34:57 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04039	.0842	.97112	2.7691	F<.00000
Stddev	.00068	.0010	.00510	.2467	1.5571
%RSD	1.6907	1.246	.52468	8.9105	.95600

#1	.03972	.0830	.97363	2.9543	-161.25
#2	.04108	.0845	.97447	2.4890	-163.02
#3	.04036	.0850	.96526	2.8639	-164.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.9	63904.	5556.9	74.865	3607.8
Stddev	14.5	1086.	19.3	.355	14.7
%RSD	.44363	1.7000	.34646	.47425	.40616

#1	3244.6	64296.	5535.8	74.517	3591.1
#2	3258.4	64741.	5561.2	75.226	3614.0
#3	3273.5	62677.	5573.6	74.852	3618.4

Sample Name: K2381-02 Acquired: 4/12/2019 18:39:40 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	-.02016	1.5407	.02114	.09155	122.92	2.0754
Stddev	.00208	.00128	.0027	.00848	.00126	.90	.0195
%RSD	64.977	6.3709	.17680	40.120	1.3742	.72855	.93849

#1	.00558	-.02125	1.5433	.01702	.09299	123.41	2.0884
#2	.00171	-.01875	1.5408	.03090	.09095	123.46	2.0849
#3	.00233	-.02049	1.5379	.01551	.09070	121.89	2.0530

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00704	.04670	249.53	.26100	.10376	1.6430	379.94
Stddev	.00025	.00010	1.00	.00076	.00069	.0034	.88
%RSD	3.5424	.20471	.39952	.29177	.66584	.20744	.23168

#1	.00733	.04681	248.40	.26165	.10436	1.6451	380.92
#2	.00688	.04664	249.89	.26118	.10300	1.6391	379.66
#3	.00691	.04664	250.29	.26016	.10391	1.6449	379.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7197	37.248	.31356	-.00164	744.07	.22202	9.0780
Stddev	.0256	.288	.00052	.00046	7.43	.00204	.0063
%RSD	.44680	.77394	.16647	28.276	.99829	.91851	.06896

#1	5.7467	37.430	.31366	-.00141	752.55	.22345	9.0839
#2	5.6958	37.400	.31300	-.00134	740.93	.22293	9.0715
#3	5.7167	36.916	.31403	-.00218	738.72	.21969	9.0786

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	109.79	.73241	3.7530	F 56.539	F 86.064	.11949	2.7128
Stddev	.81	.00059	.0412	.048	.726	.00157	.0105
%RSD	.74022	.08114	1.0980	.08473	.84307	1.3153	.38747

#1	110.24	.73309	3.7618	56.594	85.416	.12129	2.7030
#2	110.27	.73214	3.7890	56.512	85.927	.11836	2.7116
#3	108.85	.73200	3.7081	56.510	86.848	.11884	2.7239

Sample Name: K2381-02 Acquired: 4/12/2019 18:39:40 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29007	F 52.34	1.1183	.92374	F<.00000
Stddev	.00176	.11	.0042	.12172	6.8775
%RSD	.60718	.2021	.37327	13.177	2.9188

#1	.28805	52.41	1.1136	.85378	-227.84
#2	.29090	52.39	1.1199	.85315	-238.18
#3	.29126	52.21	1.1214	1.0643	-240.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.9	69765.	5945.9	73.015	3634.1
Stddev	10.6	429.	23.2	1.604	10.5
%RSD	.30359	.61470	.39057	2.1969	.28942

#1	3488.7	69396.	5966.3	74.766	3622.7
#2	3505.6	69663.	5950.8	72.663	3636.1
#3	3508.3	70235.	5920.6	71.616	3643.5

Sample Name: K2381-03 Acquired: 4/12/2019 18:44:21 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00559	-.02086	1.6602	.02355	.09029	124.11	2.6365
Stddev	.00256	.00283	.0056	.00317	.00317	.24	.0076
%RSD	45.793	13.590	.33804	13.481	3.5124	.18976	.28846

#1	.00772	-.02126	1.6551	.02328	.09357	123.88	2.6360
#2	.00275	-.01785	1.6662	.02685	.09005	124.35	2.6443
#3	.00630	-.02347	1.6593	.02052	.08724	124.09	2.6291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00749	.04421	250.27	.36346	.11814	1.5411	384.93
Stddev	.00017	.00010	1.38	.00041	.00045	.0031	.82
%RSD	2.2212	.23530	.54961	.11255	.37896	.19841	.21392

#1	.00729	.04412	248.76	.36302	.11776	1.5400	385.30
#2	.00759	.04417	250.61	.36353	.11802	1.5445	383.98
#3	.00757	.04432	251.45	.36383	.11864	1.5387	385.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1162	43.844	.39192	-.00367	741.97	.22590	8.8396
Stddev	.0337	.243	.00151	.00033	4.49	.00064	.0075
%RSD	.47310	.55462	.38598	8.9434	.60484	.28255	.08456

#1	7.0822	43.642	.39183	-.00335	742.69	.22588	8.8386
#2	7.1169	43.775	.39046	-.00401	746.06	.22527	8.8475
#3	7.1495	44.114	.39348	-.00365	737.17	.22655	8.8326

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.54	.69274	3.6008	F 55.799	F 74.028	.09959	3.0090
Stddev	.26	.00150	.0112	.154	.402	.00161	.0235
%RSD	.24180	.21652	.31203	.27616	.54356	1.6212	.78205

#1	107.67	.69115	3.6103	55.943	73.644	.09778	2.9832
#2	107.71	.69295	3.6038	55.818	73.992	.10090	3.0291
#3	107.24	.69413	3.5884	55.637	74.447	.10008	3.0148

Sample Name: K2381-03 Acquired: 4/12/2019 18:44:21 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27402	F 48.72	1.1839	.53574	F<.00000
Stddev	.00268	.10	.0074	.15418	4.5852
%RSD	.97756	.2149	.62170	28.780	1.7883

#1	.27099	48.83	1.1754	.70987	-261.34
#2	.27503	48.72	1.1878	.48077	-252.28
#3	.27606	48.62	1.1884	.41657	-255.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.5	70316.	6002.6	74.550	3650.7
Stddev	12.6	260.	12.8	.257	11.8
%RSD	.35489	.36981	.21349	.34448	.32457

#1	3533.5	70016.	6001.7	74.837	3640.4
#2	3541.9	70481.	6015.9	74.341	3648.2
#3	3558.2	70450.	5990.3	74.474	3663.6

Sample Name: K2335-02 Acquired: 4/12/2019 18:49:02 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00061	.00007	.00211	-.00212	-.00000	.05829
Stddev	.00134	.00104	.00047	.00107	.00105	.01185	.00088
%RSD	77.202	169.24	645.43	50.478	49.507	343190.	1.5105

#1	-.00327	.00109	.00053	.00176	-.00099	.01255	.05930
#2	-.00081	.00133	.00009	.00127	-.00308	-.01101	.05779
#3	-.00112	-.00058	-.00041	.00331	-.00230	-.00155	.05777

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00028	32.890	-.00009	.00004	.00095	.02009
Stddev	.00005	.00011	.139	.00068	.00012	.00038	.00038
%RSD	165.99	38.487	.42265	767.16	279.76	39.851	1.9076

#1	.00001	-.00017	32.921	.00069	-.00009	.00052	.02053
#2	-.00001	-.00039	32.738	-.00043	.00014	.00113	.01979
#3	.00009	-.00028	33.011	-.00053	.00008	.00121	.01996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20523	2.8329	.00033	.00057	86.758	-.00050	.04362
Stddev	.00031	.0244	.00013	.00023	.161	.00006	.00018
%RSD	.15329	.86185	38.804	40.918	.18590	12.954	.41445

#1	.20492	2.8173	.00034	.00031	86.657	-.00042	.04341
#2	.20555	2.8203	.00046	.00077	86.673	-.00054	.04375
#3	.20524	2.8610	.00020	.00062	86.944	-.00054	.04369

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2411	.00148	.07072	6.8161	1.7681	-.00191	.00030
Stddev	.0171	.00027	.00701	.0326	.0154	.00055	.00125
%RSD	.32729	17.913	9.9084	.47809	.87124	28.720	423.10

#1	5.2393	.00164	.06609	6.7802	1.7856	-.00253	-.00043
#2	5.2590	.00163	.06728	6.8243	1.7623	-.00152	.00174
#3	5.2249	.00118	.07878	6.8439	1.7564	-.00167	-.00043

Sample Name: K2335-02 Acquired: 4/12/2019 18:49:02 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV30755L Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01569	.0042	.25202	3.0530	F<.00000
Stddev	.00064	.0007	.00026	.0780	3.3253
%RSD	4.0505	17.03	.10181	2.5531	71.491

#1	.01573	.0036	.25229	2.9964	-5.3251
#2	.01504	.0041	.25198	3.1419	-7.5882
#3	.01631	.0050	.25178	3.0208	-1.0408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3852.2	76973.	6028.5	88.308	4823.2
Stddev	26.9	387.	36.4	1.707	34.7
%RSD	.69805	.50249	.60458	1.9333	.71962

#1	3883.2	76534.	5987.8	87.906	4862.6
#2	3838.9	77123.	6039.3	90.181	4810.0
#3	3834.6	77263.	6058.2	86.838	4797.1

Sample Name: K2335-02DUP Acquired: 4/12/2019 18:53:24 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00109	.00013	.00318	-.00119	-.00451	.05641
Stddev	.00095	.00143	.00056	.00079	.00101	.00442	.00034
%RSD	73.304	130.65	424.04	24.960	85.421	97.998	.60707

#1	-.00227	-.00055	-.00013	.00226	-.00026	-.00165	.05678
#2	-.00121	-.00271	-.00024	.00360	-.00103	-.00960	.05634
#3	-.00039	-.00002	.00077	.00367	-.00227	-.00228	.05611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00019	32.039	.00009	.00016	.00067	.01422
Stddev	.00004	.00003	.057	.00041	.00017	.00027	.00019
%RSD	800.70	17.231	.17848	480.12	107.04	40.721	1.3553

#1	.00000	-.00022	31.987	-.00001	.00014	.00094	.01442
#2	.00004	-.00018	32.029	.00054	.00000	.00066	.01422
#3	-.00003	-.00016	32.100	-.00027	.00034	.00040	.01403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19972	2.7671	.00031	.00009	85.217	-.00055	.03529
Stddev	.00007	.0575	.00013	.00017	.286	.00023	.00032
%RSD	.03468	2.0784	41.117	191.59	.33592	41.756	.91627

#1	.19967	2.7231	.00027	.00027	84.890	-.00062	.03564
#2	.19980	2.8322	.00021	.00005	85.421	-.00074	.03500
#3	.19969	2.7460	.00045	-.00006	85.340	-.00030	.03523

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9229	.00116	.04497	6.5683	1.6378	-.00180	-.00020
Stddev	.0584	.00011	.01451	.0257	.0042	.00100	.00087
%RSD	1.1867	9.4685	32.278	.39114	.25787	55.547	430.44

#1	4.8988	.00105	.05614	6.5463	1.6374	-.00277	.00004
#2	4.8804	.00116	.05020	6.5621	1.6422	-.00185	.00052
#3	4.9895	.00127	.02856	6.5965	1.6338	-.00077	-.00116

Sample Name: K2335-02DUP Acquired: 4/12/2019 18:53:24 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV30755LDUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01281	.0019	.24432	3.2328	F<.00000
Stddev	.00126	.0013	.00101	.1836	1.7287
%RSD	9.8132	67.31	.41378	5.6796	34.596
#1	.01160	.0016	.24514	3.4422	-3.0025
#2	.01272	.0033	.24464	3.1563	-5.9226
#3	.01411	.0008	.24319	3.0998	-6.0657
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.6	76359.	5989.1	86.332	4852.6
Stddev	8.9	243.	41.7	1.086	8.4
%RSD	.22885	.31767	.69691	1.2580	.17221
#1	3874.3	76200.	5947.8	87.074	4844.3
#2	3876.8	76239.	5988.4	86.838	4852.5
#3	3890.8	76638.	6031.2	85.086	4861.0

Sample Name: CCV07 Acquired: 4/12/2019 18:57:48 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8660	4.9067	4.8032	4.9280	4.9609	9.6384	9.7903
Stddev	.0164	.0077	.0144	.0056	.0103	.1039	.0883
%RSD	.33777	.15678	.29963	.11253	.20846	1.0779	.90182

#1	4.8471	4.9105	4.8037	4.9217	4.9508	9.5222	9.6910
#2	4.8742	4.8978	4.7886	4.9301	4.9715	9.6708	9.8201
#3	4.8767	4.9116	4.8174	4.9322	4.9603	9.7222	9.8599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24406	2.4119	24.732	.96365	2.4330	1.2357	4.8358
Stddev	.00123	.0014	.052	.00222	.0020	.0016	.0107
%RSD	.50547	.05919	.21062	.23047	.08182	.12595	.22096

#1	.24307	2.4120	24.772	.96110	2.4346	1.2351	4.8271
#2	.24366	2.4104	24.673	.96470	2.4307	1.2374	4.8326
#3	.24544	2.4133	24.751	.96516	2.4336	1.2345	4.8477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4562	23.642	2.4329	1.2631	23.790	2.4362	2.4333
Stddev	.0065	.311	.0042	.0022	.188	.0056	.0042
%RSD	.26488	1.3155	.17092	.17588	.78959	.22998	.17365

#1	2.4497	23.373	2.4302	1.2611	23.579	2.4310	2.4337
#2	2.4562	23.570	2.4307	1.2627	23.851	2.4355	2.4288
#3	2.4627	23.982	2.4376	1.2654	23.940	2.4421	2.4373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.524	5.0107	4.7004	4.8173	F 5.5196	4.8799	4.9870
Stddev	.188	.0092	.0618	.0167	.0278	.0103	.0162
%RSD	.79850	.18424	1.3144	.34632	.50419	.21105	.32483

#1	23.312	5.0025	4.6444	4.8035	5.5517	4.8819	4.9956
#2	23.590	5.0207	4.6902	4.8125	5.5024	4.8688	4.9683
#3	23.669	5.0090	4.7667	4.8358	5.5047	4.8891	4.9971

Sample Name: CCV07 Acquired: 4/12/2019 18:57:48 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8722	4.799	5.0078	F 3.5338	F<.00000
Stddev	.0111	.013	.0208	.0597	.22682
%RSD	.22750	.2729	.41541	1.6879	2.1281
#1	4.8799	4.791	5.0289	3.5849	-10.912
#2	4.8595	4.791	4.9873	3.4683	-10.477
#3	4.8772	4.814	5.0073	3.5483	-10.585
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3885.2	76714.	5992.5	84.346	4695.6
Stddev	2.9	194.	41.4	1.386	10.4
%RSD	.07522	.25238	.69074	1.6427	.22142
#1	3883.7	76935.	5945.9	83.790	4689.5
#2	3888.6	76577.	6006.7	83.325	4707.6
#3	3883.4	76629.	6025.0	85.923	4689.7

Sample Name: CCB07 Acquired: 4/12/2019 19:01:52 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T1-604-EB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	.00148	-.00093	.00242	-.00134	-.00500	.00113
Stddev	.00209	.00071	.00041	.00251	.00079	.01149	.00059
%RSD	203.89	48.042	44.188	103.89	59.274	229.97	52.492

#1	-.00092	.00082	-.00128	.00015	-.00132	.00076	.00049
#2	.00323	.00138	-.00104	.00198	-.00055	-.01823	.00124
#3	.00077	.00223	-.00048	.00511	-.00214	.00248	.00165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	-.01089	-.00055	-.00009	-.00080	.00014
Stddev	.00002	.00003	.01090	.00076	.00006	.00017	.00029
%RSD	47.282	245.01	100.04	139.66	66.162	20.799	208.00

#1	.00006	.00000	-.02060	-.00071	-.00005	-.00061	-.00014
#2	.00002	.00004	.00090	.00028	-.00015	-.00088	.00043
#3	.00003	-.00001	-.01298	-.00121	-.00005	-.00091	.00012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.03866	.00082	.00016	.48516	-.00082	-.00094
Stddev	.00002	.01172	.00010	.00015	.02153	.00012	.00008
%RSD	333.20	30.323	12.377	96.519	4.4373	14.043	8.3887

#1	.00000	-.05051	.00071	.00015	.50976	-.00071	-.00095
#2	-.00001	-.02707	.00084	.00001	.47591	-.00081	-.00102
#3	.00003	-.03840	.00090	.00031	.46980	-.00094	-.00086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16049	.00012	.00859	-.00601	.01762	.00073	.00030
Stddev	.00979	.00008	.00391	.00182	.00078	.00019	.00156
%RSD	6.1005	65.733	45.505	30.276	4.4194	26.290	525.32

#1	.15943	.00006	.01261	-.00729	.01841	.00093	.00196
#2	.15127	.00021	.00836	-.00393	.01686	.00071	.00004
#3	.17077	.00009	.00480	-.00682	.01758	.00055	-.00112

Sample Name: CCB07 Acquired: 4/12/2019 19:01:52 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: T1-604-EB Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00355	.0010	-.00002	F 2.0666	F<.00000
Stddev	.00055	.0004	.00004	.1180	2.0475
%RSD	15.437	43.01	172.35	5.7117	18.635

#1	.00396	.0008	-.00001	2.1663	-11.905
#2	.00375	.0016	-.00007	2.0972	-8.6413
#3	.00293	.0008	.00001	1.9363	-12.415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4103.8	80617.	6113.8	87.517	5410.4
Stddev	1.4	292.	23.8	1.136	5.6
%RSD	.03411	.36239	.38983	1.2976	.10292

#1	4102.3	80325.	6100.1	87.433	5409.2
#2	4103.9	80910.	6099.9	86.425	5405.6
#3	4105.1	80615.	6141.3	88.692	5416.5

Sample Name: K2335-02LX5 Acquired: 4/12/2019 19:06:20 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00026	-.00089	.00168	-.00181	-.01621	.00719
Stddev	.00065	.00119	.00060	.00145	.00096	.00557	.00022
%RSD	260.40	461.65	67.361	86.034	53.096	34.354	3.0016

#1	-.00098	.00014	-.00152	.00324	-.00073	-.01028	.00743
#2	-.00005	-.00087	-.00033	.00142	-.00257	-.01701	.00707
#3	.00028	.00151	-.00081	.00038	-.00213	-.02133	.00705

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	3.9200	-.00018	-.00000	-.00064	.00154
Stddev	.00003	.00008	.0280	.00028	.00011	.00025	.00051
%RSD	48.537	368.22	.71461	160.27	2388.1	38.446	33.313

#1	.00005	-.00004	3.9286	-.00050	-.00011	-.00058	.00165
#2	.00003	.00012	3.8887	-.00003	-.00001	-.00044	.00098
#3	.00008	-.00001	3.9428	.00000	.00011	-.00092	.00198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02496	.30024	.00068	-.00016	10.781	-.00056	.00321
Stddev	.00008	.03708	.00043	.00013	.065	.00034	.00009
%RSD	.31620	12.349	63.836	82.583	.60089	60.323	2.9274

#1	.02496	.27671	.00102	-.00002	10.707	-.00018	.00314
#2	.02489	.28102	.00081	-.00018	10.820	-.00083	.00318
#3	.02504	.34298	.00019	-.00028	10.818	-.00068	.00332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68288	.00035	.01608	.75057	.20775	-.00035	-.00010
Stddev	.03643	.00014	.01251	.00540	.00153	.00100	.00120
%RSD	5.3346	40.529	77.836	.71903	.73744	284.14	1157.2

#1	.66809	.00051	.02742	.75239	.20921	.00062	.00039
#2	.65617	.00028	.01815	.75483	.20616	-.00030	.00076
#3	.72438	.00026	.00266	.74450	.20789	-.00138	-.00147

Sample Name: K2335-02LX5 Acquired: 4/12/2019 19:06:20 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8124 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00332	.0020	.03016	2.4530	F<.00000
Stddev	.00119	.0008	.00010	.0741	2.8242
%RSD	35.751	41.46	.33160	3.0186	25.305

#1	.00405	.0020	.03017	2.4353	-13.759
#2	.00395	.0012	.03025	2.3893	-11.568
#3	.00195	.0028	.03005	2.5342	-8.1547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4019.7	79274.	6105.2	88.798	5257.1
Stddev	7.3	226.	31.9	1.321	15.9
%RSD	.18040	.28528	.52239	1.4879	.30299

#1	4013.4	79526.	6071.9	87.289	5240.3
#2	4018.2	79204.	6135.4	89.359	5259.1
#3	4027.6	79090.	6108.4	89.746	5272.0

Sample Name: K2335-02MS Acquired: 4/12/2019 19:10:48 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53224	1.3329	.65268	1.3603	.60309	1.3454	.19976
Stddev	.00525	.0073	.00384	.0059	.00325	.0199	.00096
%RSD	.98595	.55062	.58871	.43245	.53937	1.4763	.48209

#1	.52776	1.3276	.64936	1.3536	.59994	1.3406	.19890
#2	.53094	1.3299	.65179	1.3628	.60288	1.3672	.20080
#3	.53802	1.3413	.65689	1.3645	.60644	1.3283	.19959

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13580	.13115	35.100	.27912	.13686	.21445	2.1008
Stddev	.00010	.00075	.188	.00112	.00075	.00164	.0034
%RSD	.07133	.57031	.53596	.40275	.55086	.76297	.16041

#1	.13591	.13032	35.231	.27879	.13615	.21298	2.1039
#2	.13573	.13134	34.885	.27820	.13679	.21416	2.0972
#3	.13576	.13178	35.185	.28037	.13765	.21621	2.1014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35167	4.1697	.34049	.04984	94.553	.21385	.17329
Stddev	.00041	.0498	.00172	.00059	.092	.00055	.00162
%RSD	.11759	1.1946	.50459	1.1755	.09692	.25523	.93348

#1	.35206	4.2005	.33881	.05041	94.638	.21377	.17184
#2	.35171	4.1964	.34043	.04924	94.564	.21443	.17299
#3	.35123	4.1123	.34224	.04989	94.456	.21334	.17504

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.663	.32160	.23985	7.0019	2.4459	.52059	.15533
Stddev	.061	.00260	.00673	.0379	.0147	.00399	.00068
%RSD	.52610	.80776	2.8079	.54147	.60169	.76566	.44060

#1	11.595	.31956	.23612	6.9781	2.4560	.51632	.15587
#2	11.714	.32072	.23580	6.9820	2.4290	.52122	.15456
#3	11.679	.32452	.24762	7.0456	2.4528	.52422	.15555

Sample Name: K2335-02MS Acquired: 4/12/2019 19:10:48 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15017	3.860	.40168	3.5427	F<.00000
Stddev	.00080	.020	.00205	.0845	1.9535
%RSD	.53545	.5194	.51056	2.3847	22.189

#1	.15088	3.844	.40394	3.6181	-6.5758
#2	.14930	3.854	.39995	3.5586	-9.6128
#3	.15032	3.882	.40114	3.4514	-10.223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.5	75478.	5885.2	84.950	4788.3
Stddev	6.6	448.	64.9	2.082	2.9
%RSD	.17098	.59380	1.1026	2.4510	.06129

#1	3850.0	74964.	5812.4	82.768	4791.6
#2	3837.7	75688.	5937.0	85.166	4786.2
#3	3839.7	75783.	5906.2	86.916	4787.0

Sample Name: K2335-02MSD Acquired: 4/12/2019 19:14:52 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97838	2.4459	1.1976	2.4903	.89335	2.4857	.31886
Stddev	.00162	.0089	.0035	.0119	.00576	.0134	.00144
%RSD	.16593	.36540	.29418	.47778	.64474	.53960	.45271

#1	.97997	2.4490	1.1990	2.4803	.88925	2.4712	.31983
#2	.97843	2.4529	1.2002	2.5035	.89994	2.4977	.31720
#3	.97673	2.4358	1.1936	2.4872	.89087	2.4882	.31956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24753	.23977	35.628	.51225	.25229	.39181	3.8400
Stddev	.00024	.00049	.175	.00115	.00035	.00029	.0050
%RSD	.09603	.20616	.49172	.22492	.14003	.07375	.13153

#1	.24730	.23977	35.596	.51341	.25196	.39197	3.8454
#2	.24778	.24027	35.817	.51110	.25225	.39148	3.8354
#3	.24751	.23928	35.471	.51225	.25266	.39198	3.8393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46747	5.3237	.62755	.09075	95.275	.39378	.28630
Stddev	.00065	.0618	.00224	.00055	.156	.00116	.00065
%RSD	.13913	1.1613	.35650	.60205	.16424	.29436	.22679

#1	.46687	5.3511	.62904	.09129	95.341	.39299	.28661
#2	.46739	5.2529	.62862	.09076	95.097	.39324	.28674
#3	.46816	5.3670	.62498	.09020	95.389	.39511	.28555

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.979	.47607	.40466	6.9569	2.7596	.77747	.23018
Stddev	.029	.00051	.00474	.0210	.0326	.00304	.00164
%RSD	.17208	.10730	1.1707	.30138	1.1820	.39057	.71120

#1	17.011	.47586	.40987	6.9730	2.7581	.77957	.22956
#2	16.954	.47665	.40062	6.9644	2.7929	.77885	.22895
#3	16.971	.47569	.40348	6.9332	2.7277	.77399	.23204

Sample Name: K2335-02MSD Acquired: 4/12/2019 19:14:52 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV30755LMSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26855	7.066	.51573	3.8103	F<.00000
Stddev	.00159	.020	.00218	.0303	3.1758
%RSD	.59132	.2801	.42313	.79428	30.068
#1	.26897	7.074	.51472	3.7800	-14.191
#2	.26988	7.081	.51823	3.8406	-9.2073
#3	.26679	7.043	.51423	3.8102	-8.2883
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3852.1	76128.	5913.1	87.105	4783.5
Stddev	19.0	471.	41.0	1.295	31.3
%RSD	.49309	.61845	.69266	1.4863	.65367
#1	3832.3	75598.	5888.6	86.254	4750.0
#2	3853.8	76289.	5890.3	86.466	4788.6
#3	3870.1	76498.	5960.3	88.595	4811.9

Sample Name: K2335-02A Acquired: 4/12/2019 19:18:54 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8126 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72447	1.8032	.88447	1.8415	.79666	1.8669	.25389
Stddev	.00303	.0029	.00184	.0046	.00037	.0109	.00202
%RSD	.41756	.16277	.20762	.24724	.04614	.58551	.79604

#1	.72784	1.8066	.88408	1.8384	.79624	1.8569	.25235
#2	.72200	1.8010	.88646	1.8467	.79694	1.8651	.25313
#3	.72357	1.8022	.88285	1.8393	.79678	1.8786	.25617

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18608	.17895	35.686	.38494	.18640	.28967	2.8800
Stddev	.00058	.00036	.171	.00006	.00030	.00057	.0011
%RSD	.31060	.19929	.47791	.01665	.16083	.19559	.03852

#1	.18577	.17926	35.814	.38499	.18675	.29015	2.8800
#2	.18675	.17902	35.752	.38496	.18623	.28980	2.8812
#3	.18572	.17856	35.492	.38487	.18623	.28905	2.8789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40798	4.7822	.46239	.06782	96.698	.29533	.22182
Stddev	.00101	.0612	.00068	.00033	.148	.00083	.00074
%RSD	.24834	1.2796	.14729	.49120	.15328	.28065	.33428

#1	.40682	4.8235	.46310	.06769	96.530	.29450	.22145
#2	.40868	4.7119	.46175	.06757	96.755	.29615	.22267
#3	.40843	4.8112	.46230	.06820	96.809	.29532	.22134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.156	.42260	.31495	6.9881	2.6632	.68776	.20636
Stddev	.016	.00058	.00460	.0133	.0149	.00127	.00174
%RSD	.11129	.13709	1.4605	.19041	.55979	.18443	.84150

#1	14.138	.42235	.31938	6.9996	2.6741	.68883	.20700
#2	14.164	.42327	.31020	6.9735	2.6693	.68810	.20769
#3	14.166	.42220	.31526	6.9913	2.6462	.68636	.20440

Sample Name: K2335-02A Acquired: 4/12/2019 19:18:54 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8126 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20168	5.219	.45511	3.6293	F<.00000
Stddev	.00074	.020	.00162	.1287	1.7187
%RSD	.36752	.3805	.35497	3.5459	19.837

#1	.20253	5.242	.45598	3.5055	-8.6506
#2	.20128	5.206	.45610	3.7624	-10.389
#3	.20122	5.210	.45324	3.6200	-6.9521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.8	74846.	5859.6	84.411	4781.5
Stddev	6.0	194.	39.7	2.357	13.2
%RSD	.15496	.25890	.67833	2.7925	.27594

#1	3839.2	74658.	5829.4	82.992	4769.8
#2	3844.2	74836.	5844.7	87.132	4778.8
#3	3851.1	75045.	5904.6	83.109	4795.8

Sample Name: K2342-18 Acquired: 4/12/2019 19:22:57 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00027	.00069	.00152	.00055	.04100	.14031
Stddev	.00275	.00063	.00034	.00072	.00069	.01094	.00060
%RSD	1308.9	229.40	49.732	47.546	127.14	26.692	.42803

#1	-.00278	.00006	.00106	.00225	.00111	.05227	.13990
#2	.00263	.00098	.00039	.00152	.00076	.03041	.14002
#3	.00078	-.00022	.00061	.00080	-.00023	.04033	.14100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00014	17.259	.00007	.00038	.00066	.06084
Stddev	.00003	.00012	.084	.00010	.00008	.00024	.00056
%RSD	75.954	84.637	.48788	150.34	21.081	36.121	.91362

#1	.00004	-.00025	17.329	-.00001	.00028	.00091	.06032
#2	.00001	-.00017	17.282	.00018	.00043	.00066	.06143
#3	.00006	-.00001	17.165	.00003	.00042	.00043	.06078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13924	3.2230	.00048	.00008	35.499	-.00002	.04329
Stddev	.00048	.0358	.00019	.00021	.322	.00026	.00004
%RSD	.34253	1.1095	40.635	264.70	.90780	1218.4	.09592

#1	.13870	3.1829	.00070	-.00014	35.187	.00017	.04333
#2	.13958	3.2342	.00038	.00011	35.481	.00008	.04331
#3	.13945	3.2517	.00035	.00027	35.831	-.00032	.04325

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7170	.00284	.05445	.51482	2.4132	.00043	-.00022
Stddev	.0641	.00023	.01220	.00467	.0379	.00076	.00107
%RSD	2.3603	8.1375	22.402	.90743	1.5696	178.72	487.35

#1	2.6617	.00259	.06827	.51508	2.4473	.00110	.00011
#2	2.7021	.00288	.04991	.51935	2.4198	.00057	.00065
#3	2.7873	.00304	.04518	.51002	2.3724	-.00040	-.00142

Sample Name: K2342-18 Acquired: 4/12/2019 19:22:57 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00824	.0039	.10542	2.6177	F<.00000
Stddev	.00043	.0003	.00036	.2012	3.6301
%RSD	5.1592	8.079	.34004	7.6862	41.415

#1	.00833	.0041	.10582	2.5714	-12.105
#2	.00861	.0042	.10534	2.4436	-9.2884
#3	.00778	.0036	.10511	2.8380	-4.9018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3955.3	78039.	6001.9	87.704	5054.3
Stddev	1.4	79.	70.0	2.408	9.4
%RSD	.03450	.10169	1.1665	2.7458	.18665

#1	3954.2	78041.	5932.2	85.313	5044.6
#2	3954.9	77958.	6001.3	87.669	5055.0
#3	3956.8	78117.	6072.2	90.129	5063.4

Sample Name: K2338-02 Acquired: 4/12/2019 19:27:20 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SHALLOW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00300	.00086	.00139	.00046	.02069	.09795
Stddev	.00209	.00068	.00043	.00249	.00044	.00581	.00028
%RSD	123.28	22.656	50.206	179.01	96.265	28.063	.29002

#1	-.00157	-.00372	.00036	.00187	.00028	.01426	.09762
#2	-.00385	-.00293	.00114	-.00130	.00013	.02225	.09812
#3	.00033	-.00236	.00107	.00360	.00096	.02556	.09812

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00018	7.0062	.00055	-.00012	.00310	.00887
Stddev	.00007	.00005	.0242	.00029	.00009	.00037	.00021
%RSD	80.667	27.098	.34588	53.664	74.776	11.873	2.3231

#1	.00016	-.00023	7.0339	.00087	-.00018	.00321	.00863
#2	.00004	-.00018	6.9955	.00048	-.00017	.00340	.00900
#3	.00006	-.00013	6.9891	.00029	-.00002	.00269	.00897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.31961	-.00077	.00049	303.41	-.00055	.02233
Stddev	.00003	.01846	.00027	.00008	2.38	.00015	.00006
%RSD	2.0833	5.7745	34.818	17.293	.78402	28.174	.24943

#1	.00133	.29830	-.00066	.00042	304.30	-.00042	.02227
#2	.00138	.33051	-.00108	.00058	300.72	-.00072	.02238
#3	.00133	.33001	-.00058	.00045	305.22	-.00050	.02234

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50383	-.00002	.01606	.07561	.30674	.00103	-.00019
Stddev	.02004	.00007	.00564	.00055	.00320	.00032	.00082
%RSD	3.9783	412.61	35.100	.72093	1.0430	30.999	423.32

#1	.52621	-.00008	.02253	.07502	.31042	.00084	.00074
#2	.49775	.00006	.01349	.07609	.30514	.00086	-.00074
#3	.48753	-.00004	.01217	.07573	.30465	.00140	-.00058

Sample Name: K2338-02 Acquired: 4/12/2019 19:27:20 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SHALLOW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00654	.0030	.05698	3.6300	F<.00000
Stddev	.00149	.0017	.00032	.0170	.30279
%RSD	22.785	56.49	.55524	.46692	20.442

#1	.00794	.0013	.05731	3.6105	-1.5742
#2	.00498	.0047	.05696	3.6409	-1.1429
#3	.00669	.0032	.05668	3.6386	-1.7267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3756.8	73521.	5930.8	84.444	4565.8
Stddev	14.4	74.	69.3	.828	10.4
%RSD	.38442	.10095	1.1692	.98092	.22817

#1	3773.4	73437.	5859.3	83.725	4577.5
#2	3749.0	73548.	5935.2	84.258	4562.4
#3	3747.9	73578.	5997.8	85.350	4557.5

Sample Name: K2338-04 Acquired: 4/12/2019 19:31:56 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-DEEP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00241	.00203	.00303	-.00083	.04618	.10201
Stddev	.00148	.00146	.00099	.00181	.00049	.01397	.00058
%RSD	89.242	60.562	48.567	59.777	59.508	30.249	.57252

#1	-.00334	-.00187	.00094	.00491	-.00078	.03223	.10186
#2	-.00060	-.00407	.00286	.00130	-.00135	.06017	.10265
#3	-.00102	-.00130	.00229	.00289	-.00036	.04614	.10151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00013	5.4733	.00051	-.00026	.01089	.02480
Stddev	.00001	.00005	.0154	.00029	.00016	.00035	.00021
%RSD	15.711	37.802	.28105	55.415	60.005	3.2329	.84514

#1	.00007	-.00018	5.4643	.00040	-.00036	.01104	.02504
#2	.00010	-.00010	5.4644	.00030	-.00035	.01114	.02465
#3	.00009	-.00010	5.4910	.00084	-.00008	.01049	.02471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00375	.83607	.00028	.00049	301.48	-.00045	.03277
Stddev	.00011	.03392	.00038	.00034	2.23	.00035	.00003
%RSD	3.0459	4.0572	136.35	69.963	.74088	78.908	.08195

#1	.00366	.79821	.00051	.00088	300.04	-.00083	.03280
#2	.00372	.86369	.00048	.00031	304.05	-.00036	.03278
#3	.00388	.84631	-.00016	.00027	300.36	-.00014	.03274

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78033	.00003	.01727	.08770	.30693	.00095	.00162
Stddev	.03137	.00004	.01403	.00346	.00236	.00019	.00162
%RSD	4.0198	135.40	81.259	3.9468	.77025	19.722	99.657

#1	.75665	.00007	.00155	.09146	.30770	.00115	.00345
#2	.76843	.00003	.02855	.08699	.30428	.00090	.00039
#3	.81590	-.00001	.02171	.08465	.30881	.00079	.00103

Sample Name: K2338-04 Acquired: 4/12/2019 19:31:56 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-DEEP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00921	.0080	.04216	3.7597	F<.00000
Stddev	.00078	.0008	.00038	.1611	2.4407
%RSD	8.4227	10.02	.89420	4.2841	101.55

#1	.00850	.0088	.04174	3.5739	-3.7496
#2	.01004	.0079	.04247	3.8461	-3.8746
#3	.00910	.0072	.04227	3.8592	.41387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.4	73007.	5927.7	84.308	4543.7
Stddev	7.0	183.	9.4	1.153	5.3
%RSD	.18696	.25104	.15915	1.3679	.11659

#1	3735.2	72850.	5924.5	83.908	4541.7
#2	3749.0	72963.	5938.3	85.608	4549.6
#3	3740.1	73208.	5920.3	83.408	4539.6

Sample Name: K2338-09 Acquired: 4/12/2019 19:36:31 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-SHALLOW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	-.00093	.00301	.00248	-.00205	.16970	.06543	-.00002
Stddev	.00077	.00056	.00051	.00234	.00145	.01507	.00075	.00001
%RSD	28.444	59.802	16.878	94.538	70.530	8.8819	1.1467	40.446

#1	-.00249	-.00153	.00309	-.00018	-.00049	.16314	.06478	-.00002
#2	-.00358	-.00085	.00348	.00423	-.00234	.15902	.06625	-.00001
#3	-.00209	-.00042	.00247	.00339	-.00334	.18694	.06526	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	11.382	.00049	.00105	.03274	.09673	.09712	.72841
Stddev	.00007	.021	.00020	.00011	.00040	.00140	.00024	.02858
%RSD	69.001	.18570	40.146	10.131	1.2124	1.4424	.24480	3.9235

#1	-.00014	11.358	.00029	.00094	.03319	.09728	.09704	.74723
#2	-.00002	11.388	.00049	.00105	.03252	.09776	.09738	.69552
#3	-.00014	11.399	.00068	.00115	.03249	.09514	.09692	.74248

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00054	337.59	-.00032	.02649	2.3093	.00001	.01698
Stddev	.00041	.00036	.51	.00015	.00026	.0271	.00009	.01289
%RSD	29.335	67.045	.15218	47.767	.96930	1.1739	744.06	75.926

#1	.00148	.00052	337.95	-.00043	.02621	2.3367	.00008	.00484
#2	.00178	.00019	337.00	-.00015	.02652	2.3087	.00004	.01558
#3	.00096	.00090	337.81	-.00039	.02672	2.2825	-.00009	.03051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07238	.50897	.00155	.00479	.01060	.0039	.06004	3.8299
Stddev	.00184	.00217	.00023	.00119	.00130	.0017	.00019	.3166
%RSD	2.5454	.42635	14.673	24.835	12.239	43.93	.31140	8.2663

#1	.07309	.50909	.00165	.00472	.01122	.0020	.05991	4.1921
#2	.07029	.50675	.00129	.00363	.00911	.0043	.05996	3.6060
#3	.07376	.51109	.00171	.00601	.01148	.0053	.06026	3.6917

Sample Name: K2338-09 Acquired: 4/12/2019 19:36:31 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-SHALLOW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 3.1474
%RSD 487.39

#1 -4.1573
#2 1.9213
#3 .29870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.5	72327.	5898.4	85.300	4491.8
Stddev	7.2	306.	28.1	3.698	13.0
%RSD	.19446	.42365	.47634	4.3350	.28901

#1	3718.0	72049.	5891.3	83.308	4497.9
#2	3715.3	72276.	5929.4	89.567	4500.6
#3	3704.4	72656.	5874.6	83.025	4476.9

Sample Name: K2338-11 Acquired: 4/12/2019 19:41:05 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-DEEP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	-.00081	.00271	.00457	-.00096	.10044	.09197	.00003
Stddev	.00111	.00106	.00068	.00289	.00055	.01173	.00040	.00000
%RSD	45.681	131.09	25.245	63.216	56.623	11.675	.43571	16.561

#1	-.00285	.00011	.00212	.00460	-.00129	.09827	.09243	.00003
#2	-.00117	-.00197	.00346	.00166	-.00127	.08995	.09180	.00003
#3	-.00328	-.00057	.00254	.00744	-.00033	.11310	.09169	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	6.8877	.00017	.00042	.01424	.06112	.07807	.67891
Stddev	.00012	.0108	.00031	.00017	.00012	.00042	.00020	.01141
%RSD	373.77	.15615	179.50	39.791	.84067	.68390	.25826	1.6800

#1	-.00013	6.8943	.00047	.00061	.01437	.06137	.07799	.69203
#2	.00010	6.8753	-.00015	.00032	.01414	.06063	.07793	.67133
#3	-.00006	6.8936	.00020	.00033	.01420	.06134	.07830	.67337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00025	311.02	-.00041	.03712	1.6383	-.00012	.01141
Stddev	.00036	.00021	1.74	.00046	.00021	.0338	.00008	.00694
%RSD	32.289	84.296	.55983	113.26	.57111	2.0607	63.313	60.869

#1	.00094	.00049	309.01	.00004	.03723	1.6721	-.00019	.01270
#2	.00154	.00009	312.16	-.00038	.03687	1.6382	-.00014	.01761
#3	.00089	.00017	311.87	-.00089	.03725	1.6046	-.00004	.00391

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08892	.38714	.00147	.00380	.01232	.0072	.03741	3.4393
Stddev	.00024	.00690	.00071	.00112	.00061	.0002	.00016	.2104
%RSD	.27016	1.7815	48.767	29.461	4.9870	2.663	.42164	6.1183

#1	.08870	.38096	.00200	.00499	.01287	.0074	.03729	3.6603
#2	.08918	.39458	.00174	.00278	.01166	.0071	.03759	3.4162
#3	.08887	.38588	.00065	.00362	.01244	.0071	.03735	3.2414

Sample Name: K2338-11 Acquired: 4/12/2019 19:41:05 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-DEEP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7023
 Stddev .6281
 %RSD 36.899

#1 1.0333
 #2 2.2795
 #3 1.7940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3802.2	73074.	5899.5	85.189	4614.1
Stddev	5.2	311.	19.4	.787	10.4
%RSD	.13777	.42572	.32939	.92421	.22508

#1	3796.7	72788.	5910.5	84.308	4603.0
#2	3807.2	73028.	5877.0	85.825	4623.6
#3	3802.5	73405.	5910.9	85.433	4615.7

Sample Name: K2355-04 Acquired: 4/12/2019 19:45:39 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	-.00011	.00130	.00107	-.00147	.04658	.07309	.00004
Stddev	.00220	.00125	.00045	.00370	.00034	.01029	.00053	.00003
%RSD	137.30	1114.5	34.724	344.74	23.079	22.088	.72604	84.430

#1	-.00341	.00133	.00150	-.00304	-.00108	.03598	.07356	.00001
#2	.00085	-.00086	.00162	.00412	-.00165	.04723	.07252	.00007
#3	-.00225	-.00081	.00078	.00213	-.00168	.05652	.07318	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	8.3040	-.00014	-.00001	.00488	.02725	.35124	1.9600
Stddev	.00005	.0299	.00068	.00031	.00014	.00019	.00098	.0276
%RSD	37.416	.35979	497.32	3526.4	2.8203	.70595	.27888	1.4079

#1	-.00017	8.2709	-.00029	.00035	.00495	.02708	.35012	1.9682
#2	-.00008	8.3122	-.00072	-.00016	.00497	.02746	.35162	1.9293
#3	-.00014	8.3290	.00060	-.00021	.00472	.02721	.35197	1.9826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00044	270.99	-.00078	.01408	1.2454	-.00003	.02021
Stddev	.00019	.00009	2.09	.00004	.00004	.0111	.00002	.00446
%RSD	49.284	20.702	.77245	5.5481	.31868	.88960	54.664	22.043

#1	.00035	.00054	273.41	-.00075	.01409	1.2508	-.00002	.02531
#2	.00023	.00036	269.86	-.00075	.01404	1.2326	-.00005	.01824
#3	.00061	.00043	269.72	-.00083	.01413	1.2527	-.00003	.01708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12540	.33745	.00063	.00059	.00524	.0162	.05482	3.0862
Stddev	.00287	.00720	.00024	.00102	.00048	.0004	.00012	.1093
%RSD	2.2869	2.1331	38.326	172.60	9.1461	2.264	.21741	3.5416

#1	.12322	.33028	.00067	-.00055	.00518	.0160	.05468	3.2039
#2	.12865	.33741	.00085	.00092	.00575	.0166	.05490	3.0666
#3	.12433	.34467	.00037	.00141	.00480	.0160	.05487	2.9880

Sample Name: K2355-04 Acquired: 4/12/2019 19:45:39 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1654
 Stddev 2.0478
 %RSD 175.72

#1 -.42312
 #2 .44274
 #3 3.4765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3848.0	74260.	6118.6	88.025	4673.9
Stddev	6.2	139.	59.0	2.376	7.2
%RSD	.16087	.18738	.96393	2.6991	.15403

#1	3847.7	74292.	6185.9	90.100	4669.5
#2	3854.4	74380.	6075.9	88.542	4682.3
#3	3842.0	74107.	6094.0	85.433	4670.1

Sample Name: CCV08 Acquired: 4/12/2019 19:50:14 Type: Unk
Method: P4-ICP2(v3048) 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	4.8278	4.8664	4.7959	4.9040	4.9573	9.6715	9.8646
Stddev	.0099	.0078	.0121	.0046	.0076	.0612	.0130
%RSD	.20495	.15994	.25207	.09471	.15338	.63229	.13190

#1	4.8363	4.8751	4.7993	4.9047	4.9645	9.6863	9.8619
#2	4.8302	4.8638	4.7824	4.8990	4.9494	9.7239	9.8788
#3	4.8169	4.8602	4.8059	4.9082	4.9582	9.6043	9.8532

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24650	2.4310	24.890	.98041	2.4202	1.2214	4.8673
Stddev	.00062	.0014	.077	.00112	.0022	.0011	.0057
%RSD	.25056	.05625	.31058	.11378	.09160	.08869	.11694

#1	.24579	2.4326	24.974	.98036	2.4225	1.2226	4.8608
#2	.24682	2.4302	24.823	.98156	2.4202	1.2204	4.8714
#3	.24689	2.4302	24.873	.97933	2.4181	1.2213	4.8697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4889	23.861	2.4125	1.2478	24.273	2.4642	2.4199
Stddev	.0022	.096	.0013	.0014	.028	.0018	.0013
%RSD	.08823	.40340	.05563	.11242	.11695	.07176	.05309

#1	2.4885	23.870	2.4138	1.2474	24.280	2.4622	2.4213
#2	2.4912	23.952	2.4111	1.2467	24.298	2.4654	2.4189
#3	2.4869	23.761	2.4125	1.2494	24.242	2.4650	2.4194

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.565	5.0096	4.7002	4.8075	5.1067	4.8901	4.9565
Stddev	.031	.0063	.0151	.0131	.0316	.0036	.0061
%RSD	.13340	.12597	.32211	.27263	.61968	.07388	.12358

#1	23.601	5.0142	4.7009	4.8224	5.0950	4.8937	4.9512
#2	23.542	5.0024	4.7149	4.8024	5.0826	4.8902	4.9550
#3	23.553	5.0123	4.6846	4.7977	5.1425	4.8865	4.9632

Sample Name: CCV08 Acquired: 4/12/2019 19:50:14 Type: Unk
 Method: P4-ICP2(v3048) 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	4.8356	4.770	5.0463	F 3.0444	F<.00000
Stddev	.0180	.007	.0246	.1313	1.1314
%RSD	.37130	.1443	.48803	4.3111	13.806
#1	4.8310	4.777	5.0397	3.0271	-9.2701
#2	4.8205	4.768	5.0256	3.1835	-8.3004
#3	4.8555	4.764	5.0735	2.9227	-7.0147
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.5	75752.	6000.9	84.284	4735.7
Stddev	5.5	30.	21.1	2.315	7.4
%RSD	.13990	.03927	.35103	2.7467	.15657
#1	3891.3	75762.	6008.2	83.200	4727.3
#2	3901.5	75719.	6017.3	86.942	4738.2
#3	3899.8	75776.	5977.1	82.709	4741.5

Sample Name: CCB08 Acquired: 4/12/2019 19:54:15 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	.00236	-.00101	.00196	-.00093	-.00758	.00086
Stddev	.00111	.00034	.00091	.00164	.00080	.01889	.00009
%RSD	153.79	14.542	90.266	83.839	85.837	249.16	10.217

#1	.00162	.00239	.00000	.00278	-.00159	-.01636	.00076
#2	.00108	.00201	-.00177	.00302	-.00118	-.02048	.00090
#3	-.00052	.00269	-.00127	.00007	-.00004	.01410	.00093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00011	.00668	.00004	.00002	-.00084	-.00073
Stddev	.00001	.00002	.01933	.00031	.00016	.00033	.00022
%RSD	8.8289	19.985	289.48	860.31	845.88	39.125	29.920

#1	.00009	.00009	.01793	.00010	-.00015	-.00096	-.00068
#2	.00008	.00012	-.01564	-.00030	.00004	-.00110	-.00098
#3	.00009	.00013	.01774	.00031	.00017	-.00047	-.00055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.03634	.00074	.00002	.36855	-.00058	-.00103
Stddev	.00004	.00873	.00025	.00033	.01308	.00014	.00006
%RSD	128.18	24.027	34.219	1358.3	3.5486	24.671	6.0553

#1	-.00001	-.04512	.00066	-.00029	.36963	-.00068	-.00099
#2	-.00007	-.02766	.00102	.00037	.38106	-.00065	-.00110
#3	-.00000	-.03622	.00053	-.00000	.35497	-.00042	-.00099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12671	.00023	.00601	-.00834	.00515	.00051	.00087
Stddev	.02612	.00015	.01134	.00092	.00136	.00062	.00054
%RSD	20.614	66.730	188.58	11.021	26.476	120.73	61.639

#1	.15687	.00040	-.00348	-.00812	.00520	.00122	.00104
#2	.11131	.00016	.00295	-.00934	.00648	.00022	.00027
#3	.11195	.00012	.01858	-.00754	.00376	.00010	.00130

Sample Name: CCB08 Acquired: 4/12/2019 19:54:15 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00431	.0026	.00006	F 1.6062	F<.00000
Stddev	.00183	.0014	.00008	.0923	1.4729
%RSD	42.468	54.59	135.78	5.7437	13.636

#1	.00228	.0041	.00009	1.6876	-12.485
#2	.00584	.0024	.00011	1.5060	-9.7515
#3	.00480	.0013	-.00003	1.6251	-10.168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4122.0	79675.	6146.6	88.911	5469.0
Stddev	10.5	97.	17.2	1.138	11.4
%RSD	.25479	.12235	.27906	1.2795	.20758

#1	4111.0	79602.	6129.9	89.417	5455.9
#2	4123.0	79636.	6145.7	87.608	5474.4
#3	4132.0	79786.	6164.2	89.708	5476.6

Sample Name: K2355-04DUP Acquired: 4/12/2019 19:58:43 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00151	.00140	.00180	-.00023	.04399	.07742
Stddev	.00013	.00088	.00028	.00217	.00061	.01194	.00102
%RSD	7.2029	58.390	20.120	120.44	265.14	27.150	1.3127

#1	-.00193	-.00059	.00109	-.00054	.00031	.03026	.07649
#2	-.00171	-.00235	.00163	.00220	-.00089	.05191	.07726
#3	-.00171	-.00159	.00148	.00374	-.00010	.04982	.07851

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00008	8.8390	-.00011	.00001	.00560	.02948
Stddev	.00008	.00008	.0643	.00023	.00009	.00032	.00083
%RSD	129.97	98.392	.72695	210.26	864.25	5.6492	2.8081

#1	-.00003	-.00004	8.8020	.00008	.00005	.00590	.03042
#2	.00010	-.00018	8.8018	-.00004	-.00010	.00527	.02890
#3	.00011	-.00003	8.9132	-.00037	.00008	.00562	.02911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37147	2.0590	.00073	.00008	288.31	-.00068	.01668
Stddev	.00019	.0271	.00045	.00030	2.77	.00015	.00006
%RSD	.05102	1.3159	62.133	377.34	.96206	21.994	.35284

#1	.37163	2.0419	.00038	-.00025	285.17	-.00071	.01662
#2	.37153	2.0450	.00056	.00017	289.36	-.00051	.01673
#3	.37126	2.0903	.00124	.00032	290.41	-.00080	.01669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2619	.00031	.00977	.13586	.36944	.00209	.00236
Stddev	.0268	.00007	.00811	.00149	.00670	.00043	.00121
%RSD	2.1276	21.757	83.076	1.0950	1.8126	20.716	51.192

#1	1.2623	.00024	.01111	.13574	.36660	.00247	.00319
#2	1.2349	.00032	.00107	.13740	.37709	.00162	.00097
#3	1.2886	.00037	.01713	.13443	.36464	.00218	.00290

Sample Name: K2355-04DUP Acquired: 4/12/2019 19:58:43 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9-SDUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00515	.0148	.05836	3.1894	F<.00000
Stddev	.00153	.0011	.00019	.1951	1.4316
%RSD	29.676	7.457	.33293	6.1186	30.979
#1	.00463	.0138	.05816	3.2963	-3.6268
#2	.00395	.0160	.05837	3.3077	-3.9749
#3	.00687	.0146	.05854	2.9641	-6.2621
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.6	73241.	6016.2	85.147	4647.7
Stddev	4.0	261.	37.3	1.481	3.2
%RSD	.10393	.35691	.61960	1.7395	.06947
#1	3808.0	73179.	5981.9	83.458	4644.0
#2	3807.8	73017.	6055.9	86.225	4649.8
#3	3801.1	73528.	6010.7	85.758	4649.3

Sample Name: K2355-04LX5 Acquired: 4/12/2019 20:03:18 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118803BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	.00147	-.00054	.00036	-.00124	.00449	.01659
Stddev	.00134	.00099	.00040	.00104	.00064	.00980	.00029
%RSD	285.63	67.255	74.859	285.80	51.345	218.43	1.7253

#1	-.00097	.00258	-.00013	.00107	-.00128	-.00633	.01626
#2	-.00149	.00112	-.00093	-.00083	-.00186	.00702	.01679
#3	.00105	.00070	-.00055	.00084	-.00059	.01278	.01672

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00001	1.9642	-.00033	.00002	.00096	.00728
Stddev	.00004	.00012	.0129	.00017	.00014	.00036	.00051
%RSD	44.834	1100.4	.65430	51.485	643.50	37.150	7.0243

#1	.00005	.00012	1.9535	-.00048	-.00013	.00058	.00679
#2	.00008	-.00011	1.9606	-.00014	.00015	.00128	.00781
#3	.00013	.00003	1.9784	-.00036	.00004	.00102	.00725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08389	.46891	-.00016	.00025	63.660	-.00086	.00243
Stddev	.00056	.05295	.00023	.00040	.443	.00018	.00005
%RSD	.66794	11.292	145.40	157.38	.69646	20.359	2.0450

#1	.08366	.41148	-.00032	.00036	63.266	-.00085	.00248
#2	.08453	.47946	-.00026	-.00019	63.574	-.00070	.00238
#3	.08348	.51580	.00011	.00059	64.140	-.00105	.00244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38302	-.00020	.01004	.02088	.08265	-.00022	.00005
Stddev	.02343	.00027	.01013	.00200	.00118	.00048	.00103
%RSD	6.1178	133.61	100.93	9.5697	1.4301	218.48	2202.7

#1	.35758	-.00051	.00247	.02050	.08196	-.00005	.00122
#2	.38776	-.00001	.00609	.01910	.08198	-.00075	-.00042
#3	.40372	-.00009	.02154	.02304	.08402	.00015	-.00066

Sample Name: K2355-04LX5 Acquired: 4/12/2019 20:03:18 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118803BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00413	.0054	.01291	2.0983	F<.00000
Stddev	.00096	.0008	.00013	.1533	3.0249
%RSD	23.165	14.11	1.0378	7.3077	42.712

#1	.00371	.0063	.01283	2.2620	-10.549
#2	.00522	.0049	.01307	2.0747	-4.9826
#3	.00345	.0051	.01285	1.9580	-5.7144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3959.6	76241.	6081.8	85.822	4993.0
Stddev	7.1	183.	45.4	.317	14.3
%RSD	.17841	.24014	.74584	.36986	.28738

#1	3951.7	76194.	6035.7	85.928	4976.5
#2	3965.4	76444.	6126.3	86.073	5001.4
#3	3961.6	76087.	6083.5	85.465	5001.3

Sample Name: K2355-04MS Acquired: 4/12/2019 20:07:46 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73796	1.7978	.91128	1.9256	.75195	1.9684	.27374
Stddev	.00165	.0053	.00170	.0030	.00534	.0099	.00068
%RSD	.22415	.29204	.18624	.15458	.71031	.50481	.24712

#1	.73617	1.7930	.91036	1.9275	.75713	1.9784	.27299
#2	.73829	1.7970	.91025	1.9271	.75225	1.9684	.27430
#3	.73943	1.8034	.91324	1.9222	.74646	1.9585	.27392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19133	.18870	9.6239	.39286	.19094	.29186	2.9385
Stddev	.00038	.00031	.0035	.00161	.00037	.00089	.0077
%RSD	.19632	.16689	.03658	.41066	.19117	.30422	.26359

#1	.19093	.18875	9.6277	.39227	.19130	.29255	2.9313
#2	.19139	.18836	9.6207	.39162	.19096	.29218	2.9377
#3	.19168	.18898	9.6233	.39468	.19057	.29086	2.9467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55845	3.8244	.47377	.06939	277.52	.30212	.21332
Stddev	.00030	.0274	.00082	.00019	3.68	.00040	.00013
%RSD	.05294	.71772	.17411	.27495	1.3274	.13255	.06282

#1	.55817	3.7954	.47459	.06934	274.22	.30182	.21336
#2	.55844	3.8279	.47378	.06923	276.86	.30197	.21317
#3	.55876	3.8500	.47294	.06960	281.49	.30257	.21343

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.732	.39440	.28012	.12473	1.1854	.66008	.19441
Stddev	.055	.00056	.01398	.00255	.0043	.00146	.00099
%RSD	.50977	.14313	4.9899	2.0465	.36095	.22140	.50991

#1	10.669	.39481	.28929	.12735	1.1805	.65840	.19554
#2	10.759	.39464	.26403	.12459	1.1876	.66087	.19402
#3	10.768	.39376	.28703	.12225	1.1882	.66098	.19368

Sample Name: K2355-04MS Acquired: 4/12/2019 20:07:46 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9-SMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19780	5.434	.24707	3.5022	F<.00000
Stddev	.00155	.001	.00058	.1011	2.4488
%RSD	.78178	.0248	.23594	2.8861	48.084

#1	.19780	5.433	.24649	3.6119	-7.8879
#2	.19625	5.433	.24705	3.4819	-4.0659
#3	.19935	5.435	.24766	3.4128	-3.3247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3783.1	72619.	5876.6	84.982	4604.6
Stddev	10.7	114.	13.9	.822	4.0
%RSD	.28387	.15752	.23680	.96762	.08677

#1	3776.2	72549.	5865.0	85.476	4603.2
#2	3777.7	72751.	5872.9	85.438	4601.5
#3	3795.5	72557.	5892.1	84.033	4609.1

Sample Name: K2355-04MSD Acquired: 4/12/2019 20:11:59 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73213	1.7900	.90401	1.9121	.74380	1.9473	.27108
Stddev	.00346	.0035	.00055	.0048	.00174	.0188	.00137
%RSD	.47230	.19504	.06115	.25099	.23361	.96680	.50397

#1	.73381	1.7910	.90465	1.9165	.74496	1.9322	.26991
#2	.72815	1.7928	.90373	1.9070	.74464	1.9684	.27076
#3	.73443	1.7861	.90365	1.9127	.74181	1.9414	.27258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18928	.18757	9.5643	.39019	.19013	.29064	2.9083
Stddev	.00050	.00008	.0502	.00205	.00051	.00124	.0080
%RSD	.26354	.04353	.52454	.52537	.26759	.42654	.27561

#1	.18871	.18756	9.5358	.38922	.19071	.29143	2.9010
#2	.18952	.18766	9.5349	.38880	.18991	.28921	2.9070
#3	.18962	.18749	9.6222	.39254	.18976	.29128	2.9169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55159	3.8201	.47196	.06858	276.06	.29865	.21028
Stddev	.00060	.0601	.00054	.00089	1.90	.00128	.00044
%RSD	.10906	1.5734	.11343	1.2931	.68935	.42860	.20963

#1	.55102	3.7532	.47205	.06790	275.19	.29743	.21069
#2	.55153	3.8376	.47245	.06959	274.75	.29853	.21034
#3	.55222	3.8695	.47139	.06826	278.24	.29998	.20981

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.570	.39250	.29076	.12144	1.1833	.65368	.19280
Stddev	.050	.00043	.01507	.00299	.0035	.00134	.00182
%RSD	.46894	.11039	5.1831	2.4626	.29824	.20450	.94499

#1	10.563	.39254	.28794	.11828	1.1817	.65281	.19074
#2	10.525	.39205	.27730	.12423	1.1808	.65522	.19342
#3	10.623	.39291	.30704	.12180	1.1873	.65301	.19422

Sample Name: K2355-04MSD Acquired: 4/12/2019 20:11:59 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9-SMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19919	5.404	.24503	3.4506	F<.00000
Stddev	.00031	.014	.00047	.0797	2.9278
%RSD	.15465	.2525	.19242	2.3093	224.39
#1	.19925	5.418	.24474	3.4151	-4.5185
#2	.19946	5.403	.24477	3.3948	-.60682
#3	.19885	5.391	.24557	3.5419	1.2110
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3775.4	72830.	5882.7	83.408	4597.5
Stddev	13.6	158.	18.8	.533	14.8
%RSD	.35895	.21758	.32000	.63874	.32088
#1	3762.9	72862.	5871.8	83.192	4586.9
#2	3773.6	72970.	5904.5	83.017	4591.2
#3	3789.8	72658.	5871.9	84.015	4614.3

Sample Name: K2355-04A Acquired: 4/12/2019 20:16:12 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118803BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73374	1.7922	.90664	1.9316	.75395	1.9671	.27427
Stddev	.00327	.0039	.00081	.0024	.00122	.0098	.00130
%RSD	.44542	.21528	.08987	.12161	.16180	.49950	.47296

#1	.73743	1.7877	.90575	1.9341	.75463	1.9762	.27559
#2	.73258	1.7939	.90680	1.9311	.75254	1.9685	.27422
#3	.73121	1.7948	.90736	1.9295	.75467	1.9567	.27299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19060	.18852	9.5970	.39232	.19075	.29213	2.9279
Stddev	.00051	.00027	.0629	.00033	.00056	.00072	.0021
%RSD	.26880	.14063	.65501	.08498	.29340	.24801	.07299

#1	.19119	.18827	9.5269	.39199	.19013	.29163	2.9303
#2	.19037	.18848	9.6160	.39232	.19090	.29180	2.9262
#3	.19024	.18880	9.6483	.39265	.19122	.29296	2.9272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55993	3.9421	.47364	.06866	278.71	.30143	.21003
Stddev	.00037	.0326	.00062	.00025	2.73	.00118	.00042
%RSD	.06603	.82619	.13188	.36472	.97994	.39265	.19867

#1	.56030	3.9580	.47397	.06894	277.91	.30192	.20958
#2	.55992	3.9637	.47292	.06845	281.76	.30229	.21040
#3	.55956	3.9047	.47402	.06860	276.48	.30008	.21010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.728	.39433	.28688	.12236	1.1707	.65857	.19422
Stddev	.080	.00114	.02322	.00510	.0125	.00270	.00061
%RSD	.74497	.29003	8.0947	4.1665	1.0711	.40985	.31362

#1	10.786	.39467	.31311	.12783	1.1588	.66106	.19493
#2	10.763	.39306	.27860	.12152	1.1695	.65571	.19384
#3	10.637	.39527	.26894	.11774	1.1838	.65895	.19391

Sample Name: K2355-04A Acquired: 4/12/2019 20:16:12 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118803BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19843	5.435	.24602	3.4206	F<.00000
Stddev	.00184	.013	.00178	.0647	2.8549
%RSD	.92709	.2349	.72203	1.8921	37.835
#1	.19684	5.443	.24411	3.4864	-9.9080
#2	.19802	5.420	.24762	3.3570	-8.3559
#3	.20045	5.441	.24634	3.4184	-4.3733
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3772.3	72788.	5936.5	85.096	4599.4
Stddev	10.1	448.	27.6	1.008	9.5
%RSD	.26717	.61616	.46480	1.1839	.20572
#1	3761.4	72346.	5967.8	85.075	4591.9
#2	3774.2	72776.	5925.7	84.100	4596.2
#3	3781.3	73242.	5915.9	86.114	4610.0

Sample Name: K2357-01 Acquired: 4/12/2019 20:20:26 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-041019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	-.00065	.00240	.00135	-.00075	.45910	.11138	-.00002
Stddev	.00145	.00135	.00083	.00155	.00063	.00548	.00014	.00003
%RSD	46.279	208.12	34.571	115.33	84.478	1.1934	.12363	159.00

#1	-.00206	-.00007	.00334	.00078	-.00119	.45278	.11134	-.00003
#2	-.00478	-.00220	.00179	.00310	-.00103	.46244	.11154	-.00004
#3	-.00255	.00031	.00207	.00015	-.00002	.46209	.11128	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	125.77	.00229	-.00041	.00304	.00350	.00022	.00838
Stddev	.00006	1.07	.00017	.00014	.00019	.00018	.00003	.03926
%RSD	15.352	.85100	7.5746	33.890	6.2452	5.1768	15.371	468.49

#1	-.00031	124.61	.00212	-.00052	.00318	.00369	.00025	-.03075
#2	-.00041	125.97	.00229	-.00025	.00312	.00333	.00018	.00812
#3	-.00040	126.72	.00246	-.00046	.00283	.00348	.00023	.04778

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	.00028	266.60	.00151	.01395	12.542	.01090	.01385
Stddev	.00009	.00030	3.12	.00036	.00001	.042	.00023	.01240
%RSD	4.2284	108.95	1.1719	23.742	.10119	.33361	2.0939	89.553

#1	-.00229	.00034	263.90	.00112	.01395	12.544	.01075	.00162
#2	-.00213	.00054	265.88	.00183	.01394	12.500	.01079	.02642
#3	-.00214	-.00005	270.02	.00159	.01396	12.583	.01117	.01351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1650	1.0371	-.00009	-.00329	.01688	.0028	1.0684	3.4217
Stddev	.0313	.0053	.00070	.00181	.00152	.0011	.0061	.1888
%RSD	.75084	.51192	787.65	54.896	8.9829	41.23	.56802	5.5187

#1	4.1938	1.0310	.00009	-.00121	.01534	.0041	1.0614	3.5789
#2	4.1696	1.0400	-.00086	-.00443	.01838	.0022	1.0719	3.4738
#3	4.1318	1.0402	.00051	-.00424	.01691	.0020	1.0719	3.2122

Sample Name: K2357-01 Acquired: 4/12/2019 20:20:26 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-041019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9828
 Stddev 2.2064
 %RSD 55.398

#1 1.8354
 #2 6.2438
 #3 3.8691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3689.0	71661.	5888.8	85.188	4496.6
Stddev	6.6	224.	24.9	.581	10.4
%RSD	.17774	.31287	.42277	.68149	.23091

#1	3687.9	71859.	5911.1	84.713	4493.2
#2	3696.0	71707.	5893.2	85.835	4508.2
#3	3683.1	71418.	5861.9	85.016	4488.3

Sample Name: K2358-04 Acquired: 4/12/2019 20:24:58 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00021	.02745	.00188	-.00046	.17344	.16006
Stddev	.00096	.00063	.00077	.00268	.00025	.00202	.00086
%RSD	313.88	297.48	2.7933	143.17	54.560	1.1659	.53798

#1	.00071	.00019	.02733	.00440	-.00075	.17450	.16083
#2	-.00121	-.00094	.02827	.00217	-.00034	.17471	.16022
#3	-.00042	.00011	.02675	-.00094	-.00030	.17111	.15913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00018	52.916	.00127	.00067	.02190	.01696
Stddev	.00007	.00005	.152	.00028	.00027	.00042	.00005
%RSD	235.83	25.115	.28669	22.520	40.110	1.9141	.27051

#1	-.00001	.00022	52.745	.00128	.00062	.02145	.01701
#2	-.00001	.00013	53.033	.00154	.00043	.02228	.01696
#3	.00011	.00020	52.971	.00097	.00095	.02198	.01691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22521	2.4468	.01126	.00031	271.63	-.00003	.07835
Stddev	.00059	.0542	.00034	.00053	2.11	.00002	.00114
%RSD	.26353	2.2168	3.0268	172.36	.77525	82.339	1.4562

#1	.22495	2.4623	.01087	-.00030	272.84	-.00005	.07779
#2	.22478	2.4916	.01148	.00054	272.85	-.00003	.07966
#3	.22588	2.3865	.01144	.00067	269.20	-.00000	.07759

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85354	-.00025	.01709	.41748	1.7402	.00160	-.00171
Stddev	.03599	.00023	.01150	.00194	.0139	.00053	.00072
%RSD	4.2167	94.452	67.312	.46477	.79967	33.294	42.350

#1	.88984	.00001	.02201	.41524	1.7304	.00106	-.00090
#2	.85291	-.00043	.02531	.41857	1.7340	.00162	-.00191
#3	.81787	-.00032	.00394	.41863	1.7561	.00212	-.00231

Sample Name: K2358-04 Acquired: 4/12/2019 20:24:58 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01116	.0262	.14399	3.1767	F<.00000
Stddev	.00034	.0013	.00011	.0214	1.4832
%RSD	3.0043	4.787	.07722	.67235	143.62

#1	.01136	.0275	.14412	3.2004	-2.7430
#2	.01134	.0250	.14391	3.1588	-.25556
#3	.01077	.0262	.14394	3.1709	-.09966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.6	72188.	5909.7	83.501	4569.0
Stddev	6.8	320.	6.3	2.229	5.3
%RSD	.18081	.44260	.10682	2.6697	.11666

#1	3734.8	71820.	5909.5	81.996	4564.1
#2	3746.4	72366.	5916.1	86.062	4568.1
#3	3746.6	72379.	5903.5	82.445	4574.7

Sample Name: K2358-08 Acquired: 4/12/2019 20:29:31 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	.00020	.00281	.00100	.00061	.48962	.05118
Stddev	.00133	.00179	.00114	.00368	.00027	.01257	.00054
%RSD	87.424	904.64	40.647	368.24	43.797	2.5675	1.0573

#1	-.00020	-.00066	.00228	.00114	.00092	.47553	.05143
#2	-.00287	.00225	.00202	-.00275	.00044	.49363	.05156
#3	-.00151	-.00100	.00412	.00461	.00047	.49970	.05056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00008	5.3149	.00108	-.00021	.00302	.38925
Stddev	.00002	.00003	.0478	.00006	.00031	.00050	.00122
%RSD	34.832	38.955	.89867	5.5173	147.25	16.402	.31415

#1	.00004	-.00007	5.2761	.00109	-.00057	.00249	.38789
#2	.00004	-.00012	5.3683	.00114	-.00000	.00347	.39027
#3	.00007	-.00006	5.3003	.00102	-.00006	.00310	.38959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04589	.39967	-.00011	.00026	271.14	.00142	.01474
Stddev	.00014	.02063	.00025	.00047	1.27	.00026	.00012
%RSD	.29852	5.1628	223.35	183.33	.46955	18.155	.81242

#1	.04581	.41715	.00015	.00076	269.71	.00154	.01469
#2	.04605	.40494	-.00014	.00018	272.15	.00113	.01465
#3	.04582	.37691	-.00034	-.00017	271.55	.00160	.01487

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91767	.00010	.01307	.09015	1.0802	.00121	.01716
Stddev	.03371	.00019	.00815	.00216	.0126	.00035	.00351
%RSD	3.6736	180.19	62.342	2.4015	1.1706	28.748	20.483

#1	.89065	-.00010	.00818	.09261	1.0932	.00095	.01627
#2	.90692	.00026	.02248	.08856	1.0795	.00161	.01417
#3	.95545	.00015	.00855	.08927	1.0679	.00108	.02103

Sample Name: K2358-08 Acquired: 4/12/2019 20:29:31 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00835	.0041	.03055	3.3282	F<.00000
Stddev	.00113	.0008	.00011	.0911	3.1446
%RSD	13.571	19.20	.35413	2.7373	82.505
#1	.00779	.0032	.03059	3.2711	-3.0410
#2	.00760	.0042	.03062	3.2803	-7.2697
#3	.00965	.0048	.03042	3.4333	-1.1236
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3817.1	73373.	5977.1	85.367	4680.6
Stddev	3.0	261.	32.6	.922	5.9
%RSD	.07822	.35515	.54613	1.0802	.12610
#1	3814.0	73612.	5940.3	86.183	4674.2
#2	3817.4	73412.	5988.2	84.367	4681.9
#3	3820.0	73095.	6002.7	85.550	4685.8

Sample Name: K2358-12 Acquired: 4/12/2019 20:34:04 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00023	.21348	.00245	.00077	.04530	.31750	-.00009
Stddev	.00154	.00019	.00118	.00088	.00084	.01076	.00079	.00008
%RSD	101.28	81.612	.55310	35.897	108.92	23.753	.24785	91.389

#1	-.00125	-.00001	.21484	.00167	.00016	.03748	.31794	.00000
#2	-.00013	-.00033	.21289	.00228	.00173	.05757	.31659	-.00012
#3	-.00317	-.00035	.21271	.00340	.00043	.04084	.31797	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	25.376	.00031	.00787	.05624	.14953	.60593	1.0701
Stddev	.00004	.046	.00024	.00026	.00023	.00100	.00105	.0227
%RSD	1.3483	.18124	76.709	3.3221	.41532	.67155	.17355	2.1261

#1	.00292	25.398	.00020	.00757	.05647	.15060	.60480	1.0463
#2	.00285	25.323	.00015	.00798	.05625	.14938	.60611	1.0917
#3	.00287	25.407	.00059	.00805	.05600	.14861	.60688	1.0724

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00887	.00053	286.70	-.00062	1.3107	1.3909	-.00021	.02639
Stddev	.00048	.00017	1.96	.00012	.0024	.0311	.00020	.00964
%RSD	5.3749	32.411	.68388	18.834	.17917	2.2368	96.951	36.517

#1	.00941	.00038	287.77	-.00066	1.3123	1.4040	-.00006	.02610
#2	.00850	.00072	287.88	-.00049	1.3080	1.3553	-.00013	.03617
#3	.00870	.00050	284.43	-.00070	1.3119	1.4133	-.00043	.01691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45191	.70584	.00230	.00491	.01505	.0632	.14738	3.3844
Stddev	.00087	.00112	.00006	.00050	.00122	.0002	.00036	.1575
%RSD	.19200	.15904	2.6387	10.087	8.1255	.3352	.24188	4.6548

#1	.45245	.70551	.00225	.00514	.01385	.0634	.14761	3.4049
#2	.45236	.70709	.00229	.00434	.01501	.0630	.14756	3.2176
#3	.45090	.70492	.00237	.00524	.01630	.0633	.14697	3.5307

Sample Name: K2358-12 Acquired: 4/12/2019 20:34:04 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.5865
%RSD	162.31

#1	.49512
#2	-2.6574
#3	-.76995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3774.5	72423.	5953.4	83.658	4608.7
Stddev	11.9	223.	46.0	1.291	12.7
%RSD	.31615	.30727	.77329	1.5437	.27517

#1	3769.9	72207.	5920.7	82.292	4602.3
#2	3788.1	72410.	5933.4	84.858	4623.3
#3	3765.6	72652.	6006.0	83.825	4600.5

Sample Name: K2358-16 Acquired: 4/12/2019 20:38:34 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7-D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00094	.01296	.00279	-.00042	.20550	.13842	.00000
Stddev	.00167	.00025	.00102	.00387	.00036	.01055	.00082	.00002
%RSD	271.24	26.911	7.8504	138.84	86.469	5.1333	.58964	533.09

#1	-.00210	-.00123	.01414	.00709	-.00052	.20292	.13909	-.00001
#2	-.00093	-.00077	.01240	.00169	-.00002	.19648	.13867	.00003
#3	.00119	-.00082	.01235	-.00042	-.00072	.21710	.13751	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	82.066	-.00065	.00164	.00511	.12042	1.2211	9.6978
Stddev	.00008	.472	.00021	.00003	.00034	.00057	.0023	.0600
%RSD	30.578	.57565	31.965	2.1126	6.6461	.47110	.19141	.61815

#1	.00035	81.881	-.00064	.00161	.00549	.11989	1.2229	9.6555
#2	.00019	81.715	-.00086	.00163	.00485	.12036	1.2184	9.6714
#3	.00023	82.603	-.00044	.00168	.00499	.12102	1.2218	9.7664

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	.00074	250.51	-.00040	.10231	1.2858	.00111	.04003
Stddev	.00046	.00039	2.12	.00027	.00014	.0119	.00012	.00316
%RSD	12.106	53.023	.84704	67.503	.13808	.92428	11.061	7.8955

#1	.00411	.00051	249.26	-.00020	.10219	1.2720	.00125	.04101
#2	.00325	.00052	252.96	-.00071	.10228	1.2928	.00101	.04258
#3	.00394	.00119	249.30	-.00029	.10247	1.2924	.00108	.03650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0650	5.8275	.00081	-.00123	.00886	.0044	.24424	3.8206
Stddev	.0076	.0414	.00023	.00084	.00118	.0019	.00066	.1236
%RSD	.70872	.71013	27.968	68.365	13.365	42.95	.26835	3.2362

#1	1.0709	5.8131	.00055	-.00068	.00756	.0060	.24404	3.9525
#2	1.0676	5.7953	.00093	-.00219	.00917	.0023	.24371	3.7073
#3	1.0565	5.8742	.00095	-.00081	.00986	.0048	.24498	3.8019

Sample Name: K2358-16 Acquired: 4/12/2019 20:38:34 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2856
Stddev	2.3423
%RSD	71.292

#1	2.7355
#2	5.8540
#3	1.2672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.1	71915.	5903.5	84.238	4587.6
Stddev	1.6	159.	25.5	.495	8.5
%RSD	.04221	.22043	.43191	.58710	.18500

#1	3736.4	71752.	5908.8	84.130	4593.4
#2	3733.3	72069.	5925.8	83.807	4577.8
#3	3735.5	71922.	5875.7	84.778	4591.5

Sample Name: CCV09 Acquired: 4/12/2019 20:43:07 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8036	4.8262	4.7847	4.8885	4.9592	9.8660	10.000
Stddev	.0133	.0222	.0029	.0097	.0050	.0406	.048
%RSD	.27573	.46112	.06031	.19748	.10090	.41122	.47976

#1	4.8162	4.8432	4.7841	4.8990	4.9604	9.8300	9.9870
#2	4.7898	4.8010	4.7878	4.8800	4.9635	9.8579	9.9599
#3	4.8046	4.8344	4.7821	4.8864	4.9537	9.9100	10.053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24977	2.4411	24.997	.99037	2.4165	1.2162	4.9083
Stddev	.00049	.0023	.037	.00131	.0005	.0006	.0090
%RSD	.19556	.09364	.14689	.13207	.02041	.05181	.18290

#1	.24994	2.4397	24.985	.99087	2.4169	1.2168	4.9104
#2	.24922	2.4398	25.038	.99135	2.4167	1.2161	4.8984
#3	.25015	2.4437	24.967	.98888	2.4160	1.2156	4.9159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5134	24.278	2.4070	1.2530	24.696	2.4844	2.4156
Stddev	.0056	.041	.0020	.0020	.170	.0058	.0006
%RSD	.22498	.16901	.08259	.15608	.69022	.23317	.02534

#1	2.5171	24.262	2.4085	1.2529	24.635	2.4894	2.4163
#2	2.5069	24.248	2.4048	1.2550	24.565	2.4780	2.4152
#3	2.5163	24.325	2.4078	1.2511	24.889	2.4858	2.4152

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.853	5.0201	4.7576	4.7857	5.0104	4.8915	4.9679
Stddev	.125	.0008	.0397	.0124	.0451	.0145	.0173
%RSD	.52262	.01489	.83363	.25998	.89986	.29716	.34747

#1	23.768	5.0193	4.7169	4.7988	4.9986	4.8988	4.9636
#2	23.794	5.0208	4.7962	4.7741	5.0602	4.8747	4.9869
#3	23.996	5.0202	4.7596	4.7842	4.9723	4.9009	4.9531

Sample Name: CCV09 Acquired: 4/12/2019 20:43:07 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8369	4.753	5.0724	F 2.8466	F<.00000
Stddev	.0051	.020	.0054	.2332	.53731
%RSD	.10527	.4104	.10714	8.1904	6.9168
#1	4.8344	4.766	5.0731	2.9808	-7.5408
#2	4.8427	4.730	5.0666	2.5774	-7.3820
#3	4.8335	4.761	5.0774	2.9817	-8.3818
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3922.2	75285.	6034.6	84.508	4775.0
Stddev	3.5	101.	26.2	2.743	1.6
%RSD	.08952	.13453	.43407	3.2461	.03326
#1	3921.6	75291.	6029.2	81.477	4773.3
#2	3919.1	75383.	6011.5	85.227	4776.4
#3	3926.0	75180.	6063.1	86.821	4775.3

Sample Name: CCB09 Acquired: 4/12/2019 20:47:05 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00188	-.00141	.00027	-.00004	.00953	.00090
Stddev	.00047	.00136	.00083	.00191	.00129	.00473	.00042
%RSD	100.67	72.238	58.421	704.59	3326.7	49.607	46.424

#1	.00078	.00060	-.00055	-.00091	.00144	.00672	.00111
#2	-.00007	.00331	-.00150	.00248	-.00091	.01499	.00117
#3	.00069	.00175	-.00219	-.00075	-.00064	.00688	.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00011	-.00610	-.00048	.00018	-.00087	.00436
Stddev	.00002	.00004	.00602	.00009	.00009	.00026	.00048
%RSD	36.406	32.884	98.722	19.070	49.133	30.518	11.065

#1	.00003	.00015	-.00945	-.00044	.00025	-.00057	.00383
#2	.00005	.00008	.00085	-.00059	.00021	-.00107	.00447
#3	.00006	.00010	-.00970	-.00042	.00008	-.00096	.00478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.03039	.00094	.00019	.35058	-.00069	-.00101
Stddev	.00005	.01183	.00057	.00024	.00906	.00008	.00010
%RSD	1248.4	38.921	60.016	129.18	2.5857	12.143	10.072

#1	-.00005	-.01848	.00079	-.00003	.36006	-.00059	-.00102
#2	.00005	-.03057	.00047	.00014	.34968	-.00075	-.00090
#3	.00002	-.04213	.00157	.00045	.34199	-.00071	-.00110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09814	.00028	.00696	-.01000	.00273	.00034	-.00052
Stddev	.01796	.00023	.00810	.00228	.00160	.00061	.00033
%RSD	18.296	82.697	116.36	22.802	58.492	177.62	64.582

#1	.08097	.00050	.00923	-.00776	.00456	.00102	-.00042
#2	.09666	.00028	-.00203	-.01232	.00164	.00019	-.00025
#3	.11679	.00005	.01368	-.00990	.00199	-.00017	-.00089

Sample Name: CCB09 Acquired: 4/12/2019 20:47:05 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00215	.0016	.00001	F 1.5382	F<.00000
Stddev	.00032	.0012	.00009	.0735	3.1199
%RSD	14.756	76.95	1677.0	4.7779	26.329

#1	.00186	.0023	.00003	1.5833	-11.214
#2	.00211	.0022	.00008	1.5779	-15.238
#3	.00249	.0002	-.00010	1.4534	-9.0961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4138.2	79542.	6138.2	89.975	5504.5
Stddev	6.7	223.	21.6	2.054	7.4
%RSD	.16226	.28057	.35213	2.2831	.13511

#1	4131.2	79663.	6140.4	87.917	5497.7
#2	4138.8	79679.	6115.6	89.983	5503.5
#3	4144.6	79285.	6158.6	92.025	5512.4

Sample Name: K2359-01 Acquired: 4/12/2019 20:51:33 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00064	.00744	.00218	.00431	.04234	.14097
Stddev	.00109	.00016	.00032	.00186	.00135	.00848	.00119
%RSD	77.070	24.539	4.2686	85.525	31.348	20.032	.84386

#1	-.00019	-.00073	.00773	.00004	.00380	.04551	.14129
#2	-.00228	-.00072	.00747	.00303	.00329	.03273	.13965
#3	-.00177	-.00046	.00710	.00346	.00585	.04877	.14196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00001	4.0892	.00178	.00022	.00849	.56173
Stddev	.00001	.00004	.0065	.00023	.00002	.00015	.00605
%RSD	574.73	275.25	.15821	12.810	8.4318	1.7412	1.0775

#1	.00001	-.00001	4.0831	.00151	.00021	.00832	.55612
#2	-.00002	.00002	4.0960	.00189	.00022	.00859	.56092
#3	.00000	-.00006	4.0885	.00192	.00025	.00856	.56815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01645	.26582	.00191	.00062	211.58	.00050	.16696
Stddev	.00025	.00889	.00036	.00033	.97	.00019	.00033
%RSD	1.5008	3.3455	18.924	53.994	.45706	37.694	.19924

#1	.01621	.25603	.00190	.00095	211.52	.00040	.16682
#2	.01644	.26800	.00155	.00029	210.64	.00072	.16734
#3	.01671	.27341	.00228	.00061	212.57	.00038	.16672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37064	.00360	.01892	1.2318	.13482	.00108	.00194
Stddev	.03200	.00012	.00546	.0212	.00070	.00035	.00037
%RSD	8.6347	3.4037	28.849	1.7212	.51990	31.972	19.084

#1	.37260	.00369	.01367	1.2083	.13460	.00081	.00228
#2	.33770	.00346	.01853	1.2377	.13560	.00096	.00154
#3	.40162	.00365	.02456	1.2495	.13426	.00147	.00199

Sample Name: K2359-01 Acquired: 4/12/2019 20:51:33 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00578	.0809	.01479	3.2714	F<.00000
Stddev	.00075	.0007	.00010	.0879	1.6784
%RSD	13.035	.9144	.68220	2.6864	22.791

#1	.00495	.0808	.01472	3.2735	-9.2993
#2	.00643	.0817	.01490	3.3582	-6.4878
#3	.00597	.0802	.01474	3.1824	-6.3054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.2	73120.	6058.3	85.608	4715.0
Stddev	21.8	480.	3.2	1.200	29.6
%RSD	.57507	.65608	.05267	1.4018	.62687

#1	3773.9	73202.	6055.2	86.800	4687.3
#2	3800.4	73553.	6058.2	85.625	4711.7
#3	3817.3	72604.	6061.6	84.400	4746.1

Sample Name: K2196-04 Acquired: 4/12/2019 20:56:09 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00056	.00086	.00109	-.00096	.12680	.07363
Stddev	.00078	.00138	.00064	.00242	.00041	.00872	.00051
%RSD	35.054	246.57	73.737	222.18	42.661	6.8799	.68994

#1	-.00300	.00096	.00098	-.00118	-.00060	.11853	.07402
#2	-.00228	-.00175	.00143	.00365	-.00087	.12596	.07306
#3	-.00143	-.00089	.00018	.00081	-.00140	.13591	.07381

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00011	9.3655	-.00042	.00263	.00469	.03391
Stddev	.00001	.00003	.0185	.00016	.00010	.00025	.00088
%RSD	7.7232	28.242	.19778	38.946	3.8159	5.2387	2.5981

#1	.00015	.00013	9.3441	-.00026	.00272	.00492	.03492
#2	.00014	.00007	9.3765	-.00041	.00263	.00472	.03347
#3	.00016	.00012	9.3760	-.00058	.00252	.00443	.03333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45656	1.1714	.00073	.00073	256.33	-.00069	.02231
Stddev	.00336	.0170	.00024	.00039	2.15	.00032	.00012
%RSD	.73596	1.4537	32.132	53.253	.83729	46.601	.55311

#1	.46014	1.1538	.00048	.00072	254.26	-.00095	.02238
#2	.45347	1.1726	.00078	.00112	256.17	-.00033	.02237
#3	.45606	1.1878	.00094	.00035	258.55	-.00077	.02216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81197	-.00010	.01451	.23448	.42751	.00137	.00109
Stddev	.02926	.00003	.01547	.00573	.00338	.00019	.00264
%RSD	3.6034	27.727	106.65	2.4426	.79048	13.926	242.29

#1	.82046	-.00014	-.00293	.24035	.42427	.00124	.00414
#2	.77940	-.00009	.02659	.23418	.43101	.00127	-.00058
#3	.83604	-.00009	.01987	.22891	.42727	.00158	-.00028

Sample Name: K2196-04 Acquired: 4/12/2019 20:56:09 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.0053	.03232	3.2250	F<.00000
Stddev	.00076	.0010	.00012	.2470	1.4177
%RSD	13.336	18.79	.37134	7.6594	45.186

#1	.00600	.0050	.03220	3.4883	-1.5612
#2	.00620	.0064	.03244	3.1886	-3.5429
#3	.00480	.0045	.03233	2.9983	-4.3083

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3873.1	74024.	6090.6	85.150	4734.8
Stddev	19.1	350.	31.3	2.376	18.5
%RSD	.49289	.47258	.51373	2.7900	.39090

#1	3852.8	73676.	6062.1	86.442	4716.0
#2	3875.9	74376.	6085.6	82.408	4735.5
#3	3890.6	74021.	6124.1	86.600	4753.0

Sample Name: K2196-04DUP Acquired: 4/12/2019 21:00:44 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00167	.00199	-.00024	-.00085	.11195	.07547
Stddev	.00062	.00103	.00107	.00113	.00148	.01952	.00017
%RSD	1758.2	61.940	53.635	466.94	174.82	17.440	.22636

#1	.00051	-.00056	.00280	.00047	-.00255	.13375	.07546
#2	-.00071	-.00261	.00240	-.00155	-.00004	.10603	.07531
#3	.00009	-.00182	.00078	.00035	.00005	.09608	.07565

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00009	9.5975	-.00020	.00287	.00477	.03511
Stddev	.00006	.00003	.0220	.00006	.00028	.00021	.00048
%RSD	28.635	37.232	.22930	30.613	9.7794	4.3499	1.3646

#1	.00015	.00013	9.5838	-.00013	.00318	.00453	.03473
#2	.00021	.00009	9.5859	-.00024	.00281	.00486	.03565
#3	.00027	.00006	9.6229	-.00022	.00263	.00492	.03496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46177	1.2051	.00114	.00008	263.39	-.00064	.02284
Stddev	.00055	.0275	.00022	.00021	1.41	.00041	.00015
%RSD	.11810	2.2844	19.659	250.69	.53585	64.494	.64760

#1	.46237	1.1891	.00103	.00028	263.81	-.00051	.02300
#2	.46166	1.2369	.00099	.00010	264.54	-.00031	.02281
#3	.46130	1.1894	.00140	-.00013	261.82	-.00110	.02271

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83681	-.00005	.02273	.22219	.43655	.00037	.00225
Stddev	.00986	.00020	.00514	.00056	.00223	.00026	.00191
%RSD	1.1783	413.61	22.594	.25252	.51028	70.908	84.741

#1	.82861	-.00028	.02250	.22208	.43878	.00058	.00243
#2	.83406	.00009	.02798	.22280	.43433	.00045	.00406
#3	.84775	.00005	.01772	.22169	.43656	.00008	.00026

Sample Name: K2196-04DUP Acquired: 4/12/2019 21:00:44 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00636	.0034	.03324	3.0704	F<.00000
Stddev	.00146	.0005	.00020	.2179	1.0946
%RSD	23.033	15.51	.61122	7.0966	32.712
#1	.00531	.0033	.03301	3.2785	-2.3103
#2	.00573	.0029	.03337	3.0887	-4.4912
#3	.00803	.0039	.03334	2.8439	-3.2366
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.3	73421.	5988.5	85.397	4704.0
Stddev	18.3	45.	31.8	1.554	16.6
%RSD	.47494	.06109	.53061	1.8202	.35208
#1	3829.6	73375.	5951.8	84.217	4686.9
#2	3852.7	73426.	6005.1	87.158	4705.0
#3	3865.6	73464.	6008.4	84.817	4720.0

Sample Name: K2196-04LX5 Acquired: 4/12/2019 21:05:19 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00068	-.00034	.00036	-.00216	.01953	.01580
Stddev	.00191	.00069	.00014	.00079	.00132	.00538	.00010
%RSD	733.22	101.03	42.384	217.31	61.436	27.562	.65667

#1	-.00196	.00041	-.00021	.00046	-.00197	.01909	.01579
#2	.00180	.00017	-.00031	.00111	-.00356	.02513	.01569
#3	-.00062	.00147	-.00049	-.00047	-.00093	.01439	.01590

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00001	1.9863	-.00035	.00048	.00081	.00828
Stddev	.00004	.00001	.0160	.00040	.00020	.00033	.00054
%RSD	94.833	107.60	.80794	113.76	40.571	40.330	6.5779

#1	.00009	-.00002	1.9878	.00002	.00060	.00071	.00768
#2	.00005	-.00002	2.0015	-.00030	.00026	.00117	.00840
#3	.00000	.00000	1.9695	-.00078	.00059	.00054	.00875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09712	.23612	.00005	.00038	53.832	-.00066	.00424
Stddev	.00011	.00413	.00010	.00064	.140	.00020	.00009
%RSD	.11015	1.7511	203.73	165.83	.25992	30.422	2.0908

#1	.09718	.24064	-.00007	.00021	53.775	-.00051	.00427
#2	.09700	.23519	.00010	-.00015	53.730	-.00089	.00431
#3	.09720	.23253	.00012	.00109	53.992	-.00058	.00414

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29461	-.00007	.00659	.03694	.09335	.00022	.00014
Stddev	.03881	.00014	.00980	.00316	.00174	.00043	.00070
%RSD	13.174	189.74	148.70	8.5612	1.8641	196.08	484.03

#1	.29117	-.00003	.01536	.03345	.09522	.00033	.00023
#2	.33503	.00004	-.00399	.03778	.09306	-.00026	.00080
#3	.25763	-.00023	.00840	.03960	.09178	.00058	-.00060

Sample Name: K2196-04LX5 Acquired: 4/12/2019 21:05:19 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00460	.0037	.00694	2.3321	F<.00000
Stddev	.00113	.0013	.00005	.0909	2.1127
%RSD	24.494	34.72	.71713	3.8979	25.076

#1	.00350	.0024	.00700	2.2330	-6.0742
#2	.00454	.0036	.00692	2.4115	-9.0358
#3	.00575	.0050	.00691	2.3519	-10.165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.4	77179.	6106.4	88.178	5068.8
Stddev	3.3	255.	34.7	1.821	3.6
%RSD	.08227	.33091	.56823	2.0648	.07089

#1	4001.3	77040.	6066.5	87.966	5064.8
#2	3999.1	77473.	6122.7	90.096	5070.0
#3	3994.8	77022.	6129.9	86.473	5071.7

Sample Name: K2196-04MS Acquired: 4/12/2019 21:09:47 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73059	1.7926	.90660	1.9151	.74752	2.0466	.27819
Stddev	.00314	.0072	.00142	.0070	.00397	.0154	.00180
%RSD	.42933	.40237	.15690	.36818	.53100	.75048	.64757

#1	.73134	1.7890	.90767	1.9211	.75126	2.0367	.27902
#2	.72715	1.7878	.90499	1.9073	.74336	2.0643	.27613
#3	.73329	1.8009	.90714	1.9168	.74795	2.0389	.27943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19253	.18930	11.092	.39482	.19333	.29035	2.9516
Stddev	.00024	.00043	.004	.00181	.00052	.00065	.0077
%RSD	.12687	.22754	.03605	.45801	.26845	.22320	.25976

#1	.19281	.18978	11.090	.39510	.19387	.29107	2.9567
#2	.19238	.18895	11.096	.39289	.19283	.29016	2.9428
#3	.19241	.18917	11.088	.39647	.19329	.28981	2.9553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68012	3.0735	.47313	.06901	274.46	.30262	.21563
Stddev	.00094	.0572	.00104	.00022	1.43	.00027	.00030
%RSD	.13843	1.8616	.22051	.31386	.51994	.08945	.13750

#1	.68117	3.0250	.47432	.06923	272.93	.30245	.21579
#2	.67935	3.0589	.47237	.06879	274.69	.30293	.21582
#3	.67986	3.1366	.47270	.06901	275.76	.30248	.21529

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.374	.39230	.29700	.22012	1.2825	.65423	.19501
Stddev	.067	.00089	.01402	.00282	.0050	.00159	.00173
%RSD	.65060	.22731	4.7217	1.2808	.38720	.24269	.88523

#1	10.361	.39323	.31086	.21873	1.2782	.65522	.19668
#2	10.313	.39145	.28282	.21827	1.2879	.65507	.19513
#3	10.447	.39221	.29732	.22337	1.2815	.65240	.19323

Sample Name: K2196-04MS Acquired: 4/12/2019 21:09:47 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19954	5.408	.22680	3.2255	F<.00000
Stddev	.00165	.015	.00093	.1273	1.6636
%RSD	.82560	.2744	.40946	3.9467	19.857
#1	.19820	5.420	.22744	3.2894	-8.5356
#2	.20138	5.392	.22723	3.3082	-6.6408
#3	.19905	5.413	.22573	3.0789	-9.9568
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3857.9	73269.	5907.8	84.510	4704.2
Stddev	12.6	213.	34.6	2.631	14.2
%RSD	.32751	.29088	.58550	3.1137	.30233
#1	3847.1	73023.	5882.9	84.947	4695.8
#2	3854.8	73375.	5893.2	81.687	4696.2
#3	3871.8	73407.	5947.3	86.895	4720.7

Sample Name: K2196-04MSD Acquired: 4/12/2019 21:14:00 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74350	1.8187	.91918	1.9493	.76141	2.0958	.28205
Stddev	.00481	.0035	.00173	.0080	.00138	.0185	.00228
%RSD	.64716	.19324	.18829	.41172	.18147	.88301	.80816

#1	.74889	1.8224	.91908	1.9583	.76124	2.0783	.27981
#2	.74199	1.8182	.91750	1.9428	.76013	2.0939	.28199
#3	.73963	1.8154	.92096	1.9469	.76287	2.1151	.28436

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19453	.19218	11.172	.39844	.19621	.29591	2.9793
Stddev	.00057	.00021	.054	.00030	.00020	.00092	.0004
%RSD	.29558	.10989	.48175	.07636	.10242	.31250	.01182

#1	.19513	.19211	11.192	.39866	.19630	.29690	2.9792
#2	.19447	.19201	11.111	.39809	.19598	.29576	2.9790
#3	.19399	.19242	11.213	.39856	.19635	.29507	2.9797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68814	3.1928	.48048	.06997	276.74	.30582	.21938
Stddev	.00107	.0288	.00032	.00095	1.83	.00104	.00040
%RSD	.15526	.90325	.06632	1.3507	.66143	.34079	.18224

#1	.68911	3.1608	.48012	.07062	275.79	.30703	.21943
#2	.68832	3.2167	.48074	.07040	278.85	.30525	.21895
#3	.68700	3.2008	.48056	.06888	275.57	.30520	.21975

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.576	.39810	.30469	.22584	1.2787	.66324	.19619
Stddev	.049	.00058	.00905	.00477	.0033	.00404	.00242
%RSD	.46127	.14587	2.9703	2.1121	.26044	.60982	1.2357

#1	10.523	.39850	.29467	.22828	1.2826	.66113	.19643
#2	10.583	.39836	.31228	.22889	1.2768	.66069	.19365
#3	10.620	.39743	.30711	.22034	1.2768	.66791	.19848

Sample Name: K2196-04MSD Acquired: 4/12/2019 21:14:00 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-041119 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20166	5.487	.22753	3.4606	F<.00000
Stddev	.00100	.015	.00154	.2523	2.9796
%RSD	.49390	.2686	.67485	7.2900	138.43
#1	.20210	5.504	.22928	3.7485	1.1993
#2	.20052	5.479	.22693	3.3551	-3.1556
#3	.20236	5.478	.22639	3.2782	-4.5011
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.1	73015.	5955.9	85.916	4623.2
Stddev	6.5	193.	53.0	.998	8.7
%RSD	.17254	.26470	.88963	1.1617	.18892
#1	3784.2	72815.	5894.9	84.789	4613.2
#2	3784.5	73028.	5982.4	86.270	4627.4
#3	3795.6	73201.	5990.5	86.689	4629.0

Sample Name: K2196-04A Acquired: 4/12/2019 21:18:14 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74015	1.8140	.91715	1.9392	.75747	2.0696	.28114
Stddev	.00271	.0037	.00362	.0048	.00223	.0299	.00215
%RSD	.36564	.20357	.39462	.24720	.29380	1.4469	.76376

#1	.74265	1.8145	.91625	1.9431	.75892	2.0400	.28159
#2	.73727	1.8101	.91406	1.9338	.75491	2.0999	.28303
#3	.74052	1.8174	.92113	1.9407	.75858	2.0691	.27881

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19412	.19171	11.199	.39823	.19610	.29449	2.9805
Stddev	.00056	.00076	.080	.00119	.00108	.00094	.0057
%RSD	.28801	.39632	.71578	.29855	.54854	.32006	.19010

#1	.19407	.19159	11.107	.39801	.19578	.29476	2.9864
#2	.19358	.19101	11.239	.39716	.19522	.29344	2.9751
#3	.19470	.19252	11.251	.39951	.19730	.29527	2.9801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68737	3.1589	.48009	.06979	275.57	.30536	.21902
Stddev	.00275	.0214	.00185	.00029	3.08	.00076	.00084
%RSD	.40023	.67621	.38461	.41927	1.1193	.25015	.38153

#1	.68625	3.1412	.48032	.07013	272.47	.30516	.21909
#2	.68535	3.1529	.47814	.06967	278.63	.30471	.21815
#3	.69050	3.1826	.48181	.06958	275.62	.30620	.21982

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.503	.39610	.30467	.21979	1.2870	.66269	.19724
Stddev	.107	.00082	.00466	.00234	.0129	.00027	.00230
%RSD	1.0187	.20616	1.5293	1.0653	1.0000	.04140	1.1657

#1	10.509	.39549	.30925	.22036	1.2917	.66300	.19458
#2	10.607	.39578	.29994	.22178	1.2724	.66251	.19846
#3	10.393	.39703	.30480	.21721	1.2968	.66255	.19866

Sample Name: K2196-04A Acquired: 4/12/2019 21:18:14 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20044	5.478	.22869	3.4387	F<.00000
Stddev	.00052	.013	.00043	.0854	2.1962
%RSD	.25939	.2370	.18969	2.4827	24.870

#1	.20097	5.469	.22919	3.4852	-10.688
#2	.20041	5.472	.22845	3.3401	-6.4067
#3	.19993	5.493	.22843	3.4907	-9.3976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3813.5	73257.	5925.4	85.786	4641.5
Stddev	10.8	374.	40.1	.920	19.2
%RSD	.28330	.50998	.67688	1.0725	.41379

#1	3813.5	72846.	5902.8	86.362	4642.9
#2	3824.3	73350.	5971.7	86.270	4659.9
#3	3802.7	73575.	5901.7	84.724	4621.6

Sample Name: K2204-02 Acquired: 4/12/2019 21:22:28 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-041119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00138	-.00009	.00270	-.00049	-.00016	.04516	.09904	.00005
Stddev	.00153	.00131	.00059	.00166	.00257	.01121	.00162	.00007
%RSD	110.38	1458.9	21.818	341.65	1566.6	24.823	1.6364	139.62

#1	.00025	.00140	.00334	-.00133	.00151	.03259	.10087	-.00003
#2	-.00278	-.00106	.00218	-.00156	.00112	.04877	.09847	.00011
#3	-.00162	-.00061	.00258	.00143	-.00313	.05412	.09779	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	32.324	-.00061	.00961	.00464	.02290	1.0095	1.7028
Stddev	.00005	.176	.00017	.00015	.00037	.00029	.0018	.0327
%RSD	48.037	.54482	27.882	1.5125	7.9863	1.2653	.18200	1.9226

#1	-.00006	32.156	-.00055	.00962	.00467	.02310	1.0076	1.7137
#2	-.00016	32.309	-.00079	.00946	.00426	.02257	1.0097	1.7287
#3	-.00009	32.507	-.00047	.00975	.00500	.02304	1.0113	1.6660

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	.00042	228.68	-.00146	.01990	.87561	-.00020	.02572
Stddev	.00044	.00025	1.72	.00021	.00010	.03414	.00010	.01015
%RSD	23.242	60.409	.75249	14.065	.52756	3.8987	51.186	39.458

#1	.00164	.00013	228.47	-.00126	.01982	.85517	-.00027	.02813
#2	.00166	.00055	230.50	-.00146	.01987	.91502	-.00008	.01458
#3	.00242	.00058	227.08	-.00167	.02002	.85664	-.00025	.03444

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17893	.35509	.00162	-.00164	.00790	.0010	.07384	3.1917
Stddev	.00551	.00199	.00068	.00074	.00075	.0009	.00025	.2929
%RSD	3.0794	.55969	41.827	45.028	9.4966	85.71	.34002	9.1763

#1	.18021	.35716	.00229	-.00079	.00863	.0000	.07392	3.0165
#2	.17289	.35490	.00163	-.00206	.00793	.0017	.07405	3.0288
#3	.18369	.35320	.00093	-.00208	.00713	.0014	.07356	3.5298

Sample Name: K2204-02 Acquired: 4/12/2019 21:22:28 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-041119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.2172
 Stddev 2.7042
 %RSD 51.833

#1 5.8827
 #2 2.2424
 #3 7.5266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3833.0	73828.	5982.4	85.661	4688.2
Stddev	16.5	584.	17.6	.620	22.9
%RSD	.43048	.79146	.29489	.72372	.48829

#1	3833.5	73594.	5999.7	85.258	4680.9
#2	3849.2	73397.	5964.4	86.375	4713.9
#3	3816.2	74493.	5983.0	85.350	4669.9

Sample Name: K2373-03 Acquired: 4/12/2019 21:27:03 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TPH-FOUND Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00440	-.00183	.00804	.00189	-.00105	.05707	.26331	.00010
Stddev	.00140	.00090	.00042	.00112	.00082	.00576	.00138	.00007
%RSD	31.914	49.328	5.2294	58.998	78.341	10.093	.52247	74.265

#1	-.00495	-.00288	.00770	.00250	-.00091	.06197	.26188	.00005
#2	-.00280	-.00135	.00792	.00060	-.00030	.05851	.26462	.00006
#3	-.00544	-.00128	.00851	.00257	-.00192	.05072	.26345	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	33.616	.00011	-.00043	.00893	.03011	.09733	1.9913
Stddev	.00001	.163	.00046	.00011	.00006	.00059	.00041	.0542
%RSD	1.3109	.48355	408.92	25.276	.64637	1.9503	.42573	2.7235

#1	.00087	33.430	-.00040	-.00046	.00898	.02970	.09779	1.9327
#2	.00087	33.688	.00025	-.00053	.00886	.02984	.09721	2.0013
#3	.00089	33.730	.00049	-.00031	.00894	.03078	.09699	2.0398

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.00022	252.39	-.00057	.09734	1.2398	-.00008	.00790
Stddev	.00023	.00010	.13	.00034	.00045	.0151	.00008	.00765
%RSD	72.716	44.984	.05114	60.673	.46320	1.2195	91.125	96.730

#1	-.00011	.00022	252.24	-.00058	.09785	1.2570	-.00000	-.00065
#2	-.00057	.00031	252.50	-.00022	.09715	1.2284	-.00009	.01029
#3	-.00029	.00012	252.41	-.00090	.09701	1.2340	-.00015	.01407

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21424	.83409	.00125	-.00051	.00784	.0521	.12378	3.3065
Stddev	.00091	.00438	.00029	.00177	.00111	.0044	.00063	.1578
%RSD	.42537	.52532	22.966	346.09	14.175	8.467	.50513	4.7735

#1	.21527	.82906	.00102	.00114	.00689	.0499	.12308	3.4292
#2	.21356	.83616	.00158	-.00030	.00907	.0572	.12428	3.1284
#3	.21388	.83705	.00117	-.00238	.00757	.0492	.12397	3.3618

Sample Name: K2373-03 Acquired: 4/12/2019 21:27:03 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TPH-FOUND Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5466
Stddev	2.7270
%RSD	76.891

#1	.43140
#2	5.5021
#3	4.7063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.4	73669.	5979.5	84.569	4688.1
Stddev	14.3	147.	10.9	.653	14.7
%RSD	.37193	.19903	.18185	.77271	.31377

#1	3817.2	73517.	5967.7	85.258	4672.0
#2	3834.5	73809.	5989.2	83.958	4691.8
#3	3845.4	73681.	5981.6	84.492	4700.7

Sample Name: K2374-03 Acquired: 4/12/2019 21:31:36 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-1(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00275	-.00021	.00178	.00573	-.00153	.01870	.36642	.00015
Stddev	.00060	.00115	.00028	.00177	.00063	.00877	.00109	.00001
%RSD	21.686	548.52	15.469	30.874	41.425	46.887	.29771	8.4832

#1	-.00321	-.00154	.00209	.00730	-.00085	.01581	.36569	.00017
#2	-.00296	.00053	.00168	.00607	-.00163	.01174	.36591	.00015
#3	-.00208	.00038	.00156	.00381	-.00210	.02854	.36768	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	34.112	-.00229	.00847	.01676	21.833	1.0305	8.4517
Stddev	.00011	.082	.00032	.00014	.00029	.032	.0022	.1187
%RSD	15.951	.24135	13.979	1.6067	1.7079	.14637	.21676	1.4051

#1	-.00081	34.187	-.00237	.00834	.01687	21.815	1.0286	8.3476
#2	-.00074	34.024	-.00257	.00861	.01644	21.870	1.0330	8.5810
#3	-.00059	34.125	-.00194	.00846	.01698	21.814	1.0300	8.4263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01825	.00052	208.53	-.00012	.08251	1.2876	-.00016	.05101
Stddev	.00021	.00066	1.52	.00028	.00031	.0119	.00020	.01186
%RSD	1.1332	127.67	.72662	228.50	.37314	.92096	125.33	23.255

#1	.01802	.00116	207.54	-.00027	.08232	1.2776	-.00034	.03758
#2	.01833	.00055	210.27	-.00030	.08234	1.2844	.00006	.06007
#3	.01841	-.00016	207.77	.00020	.08286	1.3007	-.00021	.05537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26998	.93342	.00147	-.00169	.00844	.0574	.09197	3.1823
Stddev	.00320	.00704	.00057	.00188	.00080	.0016	.00015	.1352
%RSD	1.1867	.75467	38.737	110.90	9.4288	2.792	.16221	4.2492

#1	.26925	.92763	.00165	-.00349	.00772	.0573	.09213	3.2358
#2	.26720	.94126	.00083	-.00183	.00929	.0558	.09184	3.2826
#3	.27349	.93138	.00193	.00025	.00829	.0590	.09193	3.0285

Sample Name: K2374-03 Acquired: 4/12/2019 21:31:36 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-1(0-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6858
 Stddev 1.9946
 %RSD 54.116

#1 2.6679
 #2 2.4055
 #3 5.9839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3830.1	73979.	5968.8	84.895	4690.9
Stddev	3.4	166.	35.0	.597	6.4
%RSD	.08981	.22412	.58683	.70333	.13585

#1	3831.1	73847.	5929.0	84.249	4697.1
#2	3833.0	73926.	5994.9	85.011	4691.2
#3	3826.3	74165.	5982.5	85.426	4684.4

Sample Name: CCV10 Acquired: 4/12/2019 21:36:09 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14840 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7784	4.8083	4.7783	4.8635	4.9410	9.7141	9.9201
Stddev	.0076	.0082	.0094	.0123	.0019	.0258	.0522
%RSD	.15916	.17114	.19750	.25263	.03808	.26551	.52578

#1	4.7856	4.8178	4.7822	4.8776	4.9392	9.7307	9.9574
#2	4.7704	4.8039	4.7675	4.8550	4.9408	9.7271	9.9423
#3	4.7791	4.8033	4.7851	4.8580	4.9430	9.6844	9.8605

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24962	2.4383	25.012	.98826	2.4080	1.2091	4.9076
Stddev	.00031	.0048	.060	.00331	.0040	.0004	.0021
%RSD	.12271	.19857	.23815	.33510	.16661	.03198	.04277

#1	.24992	2.4391	24.988	.99005	2.4078	1.2095	4.9078
#2	.24962	2.4331	25.080	.98444	2.4041	1.2088	4.9053
#3	.24931	2.4427	24.969	.99029	2.4121	1.2091	4.9095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5123	24.077	2.3978	1.2475	24.487	2.4866	2.4107
Stddev	.0011	.107	.0039	.0019	.133	.0037	.0033
%RSD	.04227	.44320	.16133	.14985	.54270	.14923	.13577

#1	2.5121	24.052	2.3951	1.2497	24.536	2.4891	2.4131
#2	2.5135	24.194	2.3960	1.2463	24.588	2.4883	2.4070
#3	2.5114	23.986	2.4022	1.2466	24.336	2.4823	2.4121

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.672	5.0006	4.6933	4.7462	4.9791	4.8724	4.9655
Stddev	.076	.0101	.0052	.0101	.0078	.0107	.0147
%RSD	.32059	.20092	.11117	.21325	.15736	.21922	.29502

#1	23.700	5.0084	4.6979	4.7496	4.9811	4.8788	4.9824
#2	23.729	4.9892	4.6944	4.7348	4.9705	4.8601	4.9582
#3	23.586	5.0040	4.6876	4.7542	4.9858	4.8784	4.9560

Sample Name: CCV10 Acquired: 4/12/2019 21:36:09 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14840 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8347	4.714	5.0887	F 2.9414	F<.00000
Stddev	.0333	.008	.0359	.1128	2.4294
%RSD	.68863	.1762	.70562	3.8350	29.027

#1	4.8646	4.721	5.1216	3.0316	-11.169
#2	4.8407	4.705	5.0942	2.9778	-6.8121
#3	4.7988	4.716	5.0504	2.8149	-7.1272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.4	75152.	5983.9	83.838	4773.2
Stddev	9.0	351.	41.5	.601	7.7
%RSD	.23016	.46704	.69322	.71701	.16177

#1	3910.9	74812.	5940.0	83.882	4764.4
#2	3921.6	75133.	5989.3	83.217	4776.0
#3	3928.8	75513.	6022.4	84.417	4779.0

Sample Name: CCB10 Acquired: 4/12/2019 21:40:07 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14840 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00166	-.00074	.00087	-.00018	.00824	.00084
Stddev	.00134	.00133	.00086	.00104	.00064	.00934	.00039
%RSD	899.18	79.648	117.05	120.08	348.68	113.26	46.347

#1	-.00119	.00155	.00025	.00078	.00053	.01866	.00124
#2	.00015	.00304	-.00111	.00194	-.00071	.00546	.00047
#3	.00149	.00040	-.00135	-.00013	-.00036	.00062	.00081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00016	-.01376	-.00007	.00003	-.00024	-.00086
Stddev	.00008	.00001	.01573	.00024	.00009	.00022	.00031
%RSD	124.59	8.9524	114.35	336.08	364.45	93.085	36.212

#1	.00005	.00015	-.01171	-.00022	.00008	-.00001	-.00069
#2	.00014	.00018	-.03041	.00020	-.00008	-.00045	-.00122
#3	-.00001	.00016	.00085	-.00020	.00007	-.00026	-.00068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00514	.00086	.00044	.33162	-.00079	-.00112
Stddev	.00003	.03072	.00013	.00011	.01448	.00010	.00007
%RSD	1126.3	597.24	15.081	25.780	4.3659	13.234	6.5630

#1	-.00003	.03672	.00071	.00033	.33744	-.00079	-.00105
#2	-.00001	-.02465	.00094	.00045	.34229	-.00069	-.00113
#3	.00003	.00336	.00092	.00055	.31514	-.00090	-.00120

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10324	.00039	.01099	F -.01059	.00269	.00094	-.00037
Stddev	.01298	.00025	.00348	.00314	.00132	.00031	.00149
%RSD	12.575	65.453	31.713	29.652	49.067	32.666	401.73

#1	.11796	.00024	.01397	-.00913	.00305	.00116	.00134
#2	.09833	.00024	.00716	-.00845	.00123	.00059	-.00142
#3	.09343	.00068	.01183	-.01420	.00380	.00108	-.00104

Sample Name: CCB10 Acquired: 4/12/2019 21:40:07 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14840 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00328	.0025	.00003	F 1.5141	F<.00000
Stddev	.00101	.0006	.00006	.0898	2.4111
%RSD	30.854	22.18	209.81	5.9296	19.021

#1	.00436	.0019	.00010	1.5339	-13.266
#2	.00235	.0030	-.00002	1.4161	-14.738
#3	.00314	.0026	.00001	1.5924	-10.025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.6	79223.	6090.5	88.706	5507.1
Stddev	8.7	226.	41.0	.625	10.0
%RSD	.21143	.28552	.67262	.70491	.18145

#1	4142.6	79306.	6094.4	89.283	5514.1
#2	4126.5	78968.	6129.5	88.042	5495.6
#3	4140.5	79397.	6047.8	88.792	5511.5

Sample Name: K2375-01 Acquired: 4/12/2019 21:44:36 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DELAVAN-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	.00067	.00585	.00180	-.00118	-.00548	.14826	-.00004
Stddev	.00121	.00037	.00039	.00176	.00078	.01128	.00099	.00003
%RSD	140.89	55.572	6.6300	97.575	66.166	205.99	.66473	91.336

#1	-.00067	.00109	.00606	-.00023	-.00097	-.01693	.14733	.00000
#2	-.00216	.00052	.00540	.00284	-.00204	.00562	.14815	-.00006
#3	.00024	.00040	.00609	.00279	-.00052	-.00512	.14929	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	176.98	-.00018	.00181	.00269	.00166	.34502	5.8003
Stddev	.00008	.53	.00030	.00011	.00054	.00079	.00049	.0662
%RSD	30.250	.30139	167.76	6.0161	20.046	47.423	.14157	1.1407

#1	-.00028	176.77	-.00029	.00186	.00209	.00130	.34464	5.7249
#2	-.00036	176.59	-.00040	.00189	.00283	.00256	.34557	5.8484
#3	-.00019	177.59	.00016	.00169	.00314	.00112	.34486	5.8278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00025	263.27	.00244	.09106	3.9251	.00560	.04520
Stddev	.00013	.00022	.79	.00016	.00025	.0265	.00017	.01003
%RSD	175.79	88.769	.30036	6.7570	.27373	.67420	3.0633	22.195

#1	-.00016	.00043	263.61	.00262	.09082	3.9010	.00578	.05452
#2	-.00014	.00000	263.83	.00230	.09103	3.9209	.00543	.03458
#3	.00008	.00031	262.36	.00239	.09132	3.9534	.00558	.04649

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5359	5.4255	-.00036	-.00365	.01764	.0388	.52101	3.8778
Stddev	.0246	.0335	.00084	.00188	.00121	.0017	.00091	.0871
%RSD	.37626	.61686	231.44	51.399	6.8446	4.508	.17529	2.2471

#1	6.5298	5.4557	.00060	-.00394	.01784	.0382	.52171	3.9702
#2	6.5149	5.3895	-.00095	-.00537	.01873	.0407	.51998	3.8663
#3	6.5629	5.4312	-.00074	-.00165	.01634	.0373	.52135	3.7971

Sample Name: K2375-01 Acquired: 4/12/2019 21:44:36 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DELAVAN-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6590
Stddev	3.5918
%RSD	77.093

#1	2.0079
#2	8.7468
#3	3.2225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.2	72266.	5975.5	84.195	4555.2
Stddev	12.4	115.	26.9	2.968	10.8
%RSD	.33196	.15884	.44937	3.5249	.23780

#1	3712.9	72349.	5945.0	80.872	4552.0
#2	3719.9	72135.	5985.7	86.583	4546.3
#3	3736.9	72314.	5995.6	85.129	4567.2

Sample Name: K2376-04 Acquired: 4/12/2019 21:49:07 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	-.00054	.75722	.00102	.00484	.09728	.32490	.00006
Stddev	.00208	.00069	.00131	.00158	.00091	.00656	.00108	.00002
%RSD	59.266	129.27	.17343	154.99	18.888	6.7436	.33379	35.093

#1	-.00114	-.00093	.75571	-.00023	.00407	.10207	.32597	.00007
#2	-.00504	.00026	.75782	.00049	.00460	.08980	.32380	.00007
#3	-.00433	-.00094	.75812	.00280	.00585	.09997	.32493	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01344	60.876	-.00011	.00104	.48527	.06957	.60785	3.2918
Stddev	.00005	.292	.00040	.00013	.00126	.00026	.00028	.0365
%RSD	.33750	.48027	345.46	12.269	.25914	.37807	.04608	1.1085

#1	.01339	60.723	-.00056	.00111	.48476	.06934	.60798	3.3092
#2	.01346	60.693	.00020	.00112	.48434	.06952	.60753	3.3164
#3	.01347	61.213	.00002	.00090	.48670	.06986	.60805	3.2499

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01163	.00023	286.99	-.00073	1.4817	1.5847	-.00054	.02115
Stddev	.00029	.00045	2.44	.00005	.0040	.0135	.00019	.00959
%RSD	2.5323	193.10	.84870	6.5450	.27261	.85048	35.501	45.355

#1	.01155	-.00001	284.34	-.00077	1.4804	1.5981	-.00032	.01381
#2	.01195	-.00004	289.13	-.00067	1.4785	1.5712	-.00068	.03200
#3	.01138	.00075	287.50	-.00074	1.4862	1.5848	-.00063	.01762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54971	1.5059	.00318	.00005	.01127	.0280	.27155	3.4628
Stddev	.00356	.0083	.00068	.00118	.00067	.0007	.00093	.0415
%RSD	.64722	.55016	21.344	2541.2	5.9367	2.460	.34070	1.1997

#1	.54622	1.4983	.00269	-.00128	.01090	.0288	.27048	3.4397
#2	.54957	1.5047	.00395	.00097	.01204	.0277	.27214	3.4380
#3	.55333	1.5147	.00289	.00045	.01087	.0276	.27202	3.5108

Sample Name: K2376-04 Acquired: 4/12/2019 21:49:07 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.58800
Stddev	.98616
%RSD	167.72

#1	.70482
#2	-.45137
#3	1.5105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3791.9	72580.	5978.5	83.930	4609.6
Stddev	13.3	265.	18.5	1.530	11.2
%RSD	.34972	.36473	.30868	1.8224	.24202

#1	3776.6	72488.	5999.4	85.280	4596.7
#2	3800.1	72373.	5971.7	84.242	4616.5
#3	3799.0	72878.	5964.4	82.269	4615.5

Sample Name: K2377-04 Acquired: 4/12/2019 21:53:37 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-13-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	-.00138	.00167	.00333	-.00027	.07374	.05990	.00007
Stddev	.00181	.00260	.00045	.00093	.00091	.01020	.00016	.00008
%RSD	198.91	188.15	26.740	27.816	337.27	13.825	.27007	105.39

#1	-.00056	.00155	.00208	.00309	.00070	.08223	.06006	.00004
#2	-.00288	-.00229	.00174	.00255	-.00040	.07657	.05973	.00002
#3	.00070	-.00340	.00119	.00435	-.00111	.06243	.05991	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	9.1996	-.00007	.00202	.00356	.04441	.04257	1.7612
Stddev	.00004	.0813	.00033	.00029	.00005	.00058	.00018	.0110
%RSD	108.39	.88342	485.28	14.146	1.4781	1.3027	.41849	.62706

#1	.00000	9.1126	.00032	.00212	.00355	.04505	.04240	1.7688
#2	-.00007	9.2128	-.00027	.00170	.00352	.04424	.04255	1.7661
#3	-.00004	9.2735	-.00025	.00224	.00362	.04393	.04276	1.7485

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00015	232.24	-.00037	.01109	1.0581	-.00010	.01365
Stddev	.00008	.00017	1.89	.00025	.00004	.0332	.00017	.01353
%RSD	1336.9	108.05	.81373	69.078	.39478	3.1352	177.21	99.110

#1	.00003	.00014	230.54	-.00014	.01113	1.0200	-.00008	.02448
#2	.00004	-.00001	231.90	-.00064	.01110	1.0805	.00007	.01799
#3	-.00010	.00032	234.27	-.00032	.01105	1.0737	-.00027	-.00152

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30048	.40739	.00036	.00173	.00663	.0203	.04485	2.9911
Stddev	.00078	.00238	.00055	.00097	.00149	.0007	.00025	.0791
%RSD	.26082	.58379	153.00	56.084	22.445	3.323	.55787	2.6443

#1	.30100	.40628	.00005	.00079	.00583	.0198	.04474	3.0664
#2	.29958	.40577	.00099	.00167	.00572	.0201	.04469	2.9983
#3	.30087	.41012	.00003	.00272	.00835	.0211	.04514	2.9087

Sample Name: K2377-04 Acquired: 4/12/2019 21:53:37 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-13-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0878
 Stddev 4.3514
 %RSD 140.92

#1 -.57178
 #2 1.9359
 #3 7.8993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.7	74220.	6048.4	86.708	4746.9
Stddev	4.8	274.	29.1	.714	8.8
%RSD	.12544	.36949	.48148	.82401	.18434

#1	3854.2	74183.	6053.8	86.300	4748.0
#2	3853.5	74511.	6074.4	87.533	4737.7
#3	3862.2	73967.	6016.9	86.292	4755.1

Sample Name: K2377-08 Acquired: 4/12/2019 21:58:12 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	-.00165	.04788	.00078	-.00076	.32670	.16047
Stddev	.00021	.00042	.00083	.00355	.00113	.01011	.00110
%RSD	10.388	25.679	1.7299	457.33	149.74	3.0957	.68361

#1	-.00229	-.00204	.04711	-.00219	.00054	.32812	.15966
#2	-.00194	-.00172	.04776	.00471	-.00155	.33602	.16172
#3	-.00191	-.00120	.04875	-.00019	-.00125	.31595	.16004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00012	19.377	.00049	.00047	.01538	.30622
Stddev	.00008	.00004	.028	.00017	.00013	.00045	.00225
%RSD	244.20	34.860	.14245	35.776	26.865	2.9383	.73464

#1	-.00005	-.00010	19.402	.00052	.00062	.01588	.30559
#2	.00005	-.00017	19.380	.00030	.00038	.01525	.30436
#3	.00009	-.00009	19.348	.00064	.00042	.01500	.30872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19921	2.3484	.00038	.00024	255.76	.00009	.03155
Stddev	.00079	.0264	.00036	.00020	1.13	.00027	.00007
%RSD	.39601	1.1237	95.308	82.366	.44279	306.10	.20986

#1	.20011	2.3523	.00021	.00028	255.77	.00028	.03150
#2	.19865	2.3202	.00079	.00003	254.63	.00020	.03153
#3	.19886	2.3726	.00013	.00041	256.89	-.00022	.03163

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3140	-.00011	.01158	.32380	.82206	.00221	.01137
Stddev	.0273	.00007	.00750	.00447	.00685	.00008	.00114
%RSD	2.0766	66.168	64.733	1.3798	.83346	3.7163	10.046

#1	1.3293	-.00019	.02008	.31926	.81476	.00214	.01016
#2	1.3301	-.00005	.00876	.32820	.82307	.00230	.01152
#3	1.2825	-.00008	.00590	.32395	.82835	.00218	.01243

Sample Name: K2377-08 Acquired: 4/12/2019 21:58:12 Type: Unk
 Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00699	.2277	.08638	2.8381	F<.00000
Stddev	.00060	.0011	.00029	.1681	1.9640
%RSD	8.6287	.4771	.33184	5.9239	57.074

#1	.00763	.2278	.08649	3.0261	-5.3448
#2	.00691	.2266	.08659	2.7023	-3.5566
#3	.00643	.2287	.08605	2.7858	-1.4219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3845.5	73853.	6038.8	86.369	4725.1
Stddev	1.2	222.	25.5	1.467	7.6
%RSD	.03031	.30096	.42235	1.6981	.16068

#1	3845.2	73620.	6009.5	85.083	4733.1
#2	3844.6	73876.	6050.7	87.967	4717.9
#3	3846.8	74063.	6056.2	86.058	4724.2

Sample Name: CCV11 Acquired: 4/12/2019 22:02:46 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7460	4.7675	4.7274	4.8332	4.9160	9.6745	9.8481
Stddev	.0033	.0041	.0040	.0079	.0189	.0724	.0235
%RSD	.07045	.08679	.08405	.16286	.38398	.74862	.23870

#1	4.7450	4.7698	4.7271	4.8252	4.9016	9.7578	9.8684
#2	4.7498	4.7627	4.7236	4.8410	4.9374	9.6385	9.8536
#3	4.7433	4.7700	4.7315	4.8333	4.9091	9.6270	9.8224

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24715	2.4158	24.906	.98466	2.3836	1.1967	4.8745
Stddev	.00044	.0025	.097	.00480	.0031	.0023	.0069
%RSD	.17850	.10431	.38811	.48789	.13098	.19033	.14059

#1	.24719	2.4136	25.009	.98584	2.3802	1.1941	4.8806
#2	.24757	2.4152	24.818	.98876	2.3844	1.1978	4.8757
#3	.24669	2.4185	24.890	.97938	2.3863	1.1982	4.8671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4938	23.941	2.3736	1.2397	24.343	2.4682	2.3871
Stddev	.0094	.100	.0027	.0023	.062	.0065	.0011
%RSD	.37526	.41776	.11490	.18254	.25408	.26217	.04461

#1	2.4997	24.037	2.3744	1.2406	24.405	2.4728	2.3874
#2	2.4987	23.950	2.3705	1.2414	24.342	2.4709	2.3859
#3	2.4830	23.837	2.3758	1.2371	24.282	2.4608	2.3879

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.401	4.9654	4.6903	4.7090	4.9364	4.8242	4.9201
Stddev	.065	.0069	.0338	.0097	.0109	.0060	.0294
%RSD	.27786	.13900	.72079	.20493	.22091	.12535	.59769

#1	23.477	4.9594	4.7265	4.7194	4.9481	4.8191	4.9539
#2	23.364	4.9730	4.6596	4.7071	4.9266	4.8225	4.9063
#3	23.364	4.9639	4.6849	4.7003	4.9347	4.8309	4.9001

Sample Name: CCV11 Acquired: 4/12/2019 22:02:46 Type: Unk
Method: P4-ICP2(v3048) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7915	4.681	5.0500	F 2.4596	F<.00000
Stddev	.0252	.005	.0139	.1587	1.8862
%RSD	.52558	.1125	.27580	6.4524	18.123
#1	4.8204	4.675	5.0660	2.6420	-10.320
#2	4.7798	4.684	5.0441	2.3539	-8.5672
#3	4.7742	4.684	5.0401	2.3828	-12.337
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3945.6	75397.	6010.0	84.085	4816.7
Stddev	5.8	287.	22.8	2.010	.7
%RSD	.14591	.38071	.37887	2.3902	.01375
#1	3950.7	75320.	5987.5	83.950	4817.4
#2	3939.4	75156.	6009.5	86.159	4816.1
#3	3946.7	75714.	6033.0	82.146	4816.5

Sample Name: CCB11 Acquired: 4/12/2019 22:06:44 Type: Unk
Method: P4-ICP2(v3048) 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	-.00010	.00274	-.00064	-.00029	-.00004	-.00483	.00097
Stddev	.00196	.00066	.00063	.00034	.00038	.00893	.00029
%RSD	1975.8	23.912	99.600	119.27	990.25	184.87	30.269

#1	-.00181	.00312	-.00105	.00011	-.00046	-.00435	.00123
#2	-.00053	.00199	-.00095	-.00049	.00008	.00385	.00065
#3	.00204	.00312	.00009	-.00048	.00027	-.01399	.00104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	.00395	-.00005	.00011	-.00007	-.00043
Stddev	.00006	.00004	.01048	.00018	.00015	.00040	.00029
%RSD	102.13	123.29	265.15	364.13	140.02	614.22	68.099

#1	.00010	.00003	.01421	.00005	.00028	.00032	-.00044
#2	.00009	.00008	-.00674	.00006	.00003	-.00048	-.00071
#3	-.00001	-.00000	.00439	-.00026	.00001	-.00004	-.00013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00090	.00082	.00025	.33967	-.00040	-.00105
Stddev	.00005	.02832	.00034	.00020	.00638	.00026	.00008
%RSD	130.59	3135.4	40.966	80.073	1.8786	63.855	7.3571

#1	-.00002	.00512	.00121	.00046	.33270	-.00045	-.00108
#2	-.00010	-.02929	.00066	.00025	.34522	-.00064	-.00110
#3	.00000	.02688	.00060	.00005	.34110	-.00013	-.00096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09633	.00017	.00353	F -.01035	.00250	.00089	-.00078
Stddev	.01208	.00018	.01085	.00209	.00216	.00028	.00160
%RSD	12.543	103.35	306.96	20.158	86.611	31.083	204.62

#1	.10827	.00023	-.00130	-.00883	.00009	.00120	.00092
#2	.09662	.00032	-.00405	-.01273	.00427	.00079	-.00102
#3	.08411	-.00003	.01596	-.00950	.00313	.00067	-.00225

Sample Name: CCB11 Acquired: 4/12/2019 22:06:44 Type: Unk
 Method: P4-ICP2(v3048) 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	.00349	.0043	-.00000	F 1.0622	F<.00000
Stddev	.00151	.0008	.00007	.0657	1.0702
%RSD	43.395	18.02	2693.7	6.1880	6.9899
#1	.00340	.0046	-.00004	1.0022	-16.500
#2	.00203	.0034	.00008	1.1324	-15.007
#3	.00505	.0049	-.00005	1.0519	-14.425
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4105.6	78994.	6059.8	86.967	5484.1
Stddev	5.3	180.	12.2	.507	12.7
%RSD	.12950	.22732	.20162	.58286	.23172
#1	4099.5	79182.	6046.1	87.550	5470.6
#2	4108.9	78976.	6069.4	86.633	5495.7
#3	4108.5	78824.	6063.9	86.717	5486.1