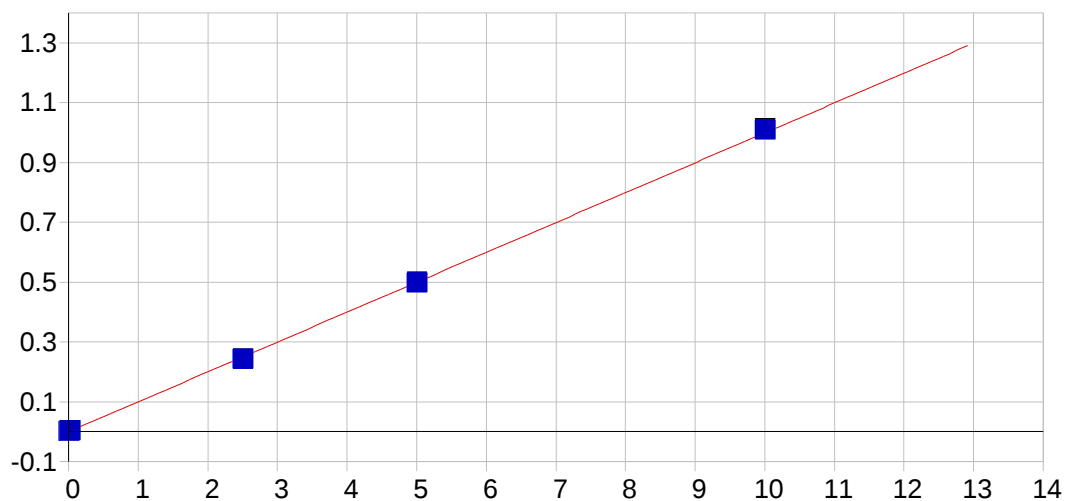


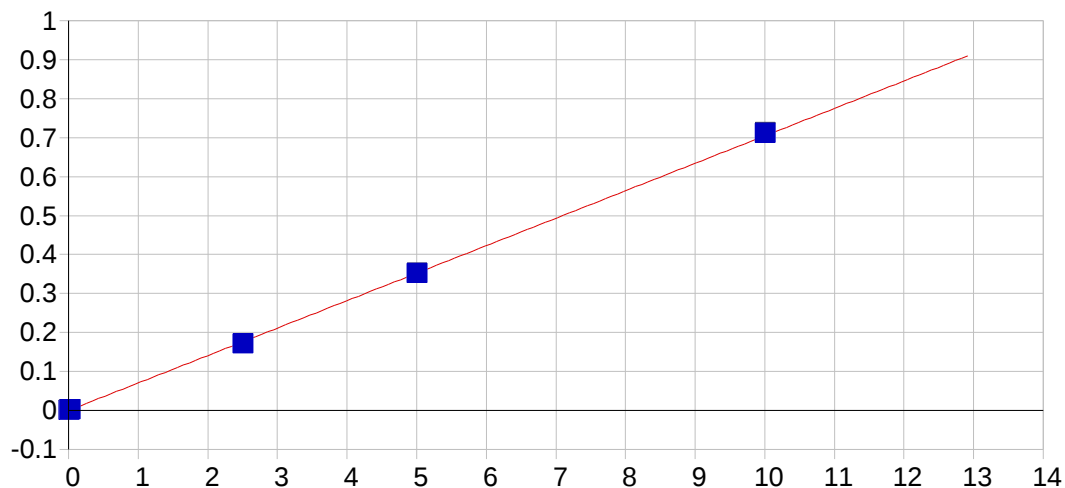


As 189.042 {478}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000376 Re-Slope: 1.000000
 A1 (Gain): 0.099932 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.002283
 Predicted MQL: 0.007609

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.02000	.02174	.002	8.71	.00180	.000	1
S3	2.5000	2.4250	-.075	-3.00	.24194	.000	1
S4	5.0000	4.9724	-.028	-.553	.49649	.002	1
S5	10.000	10.101	.101	1.01	1.0090	.004	1



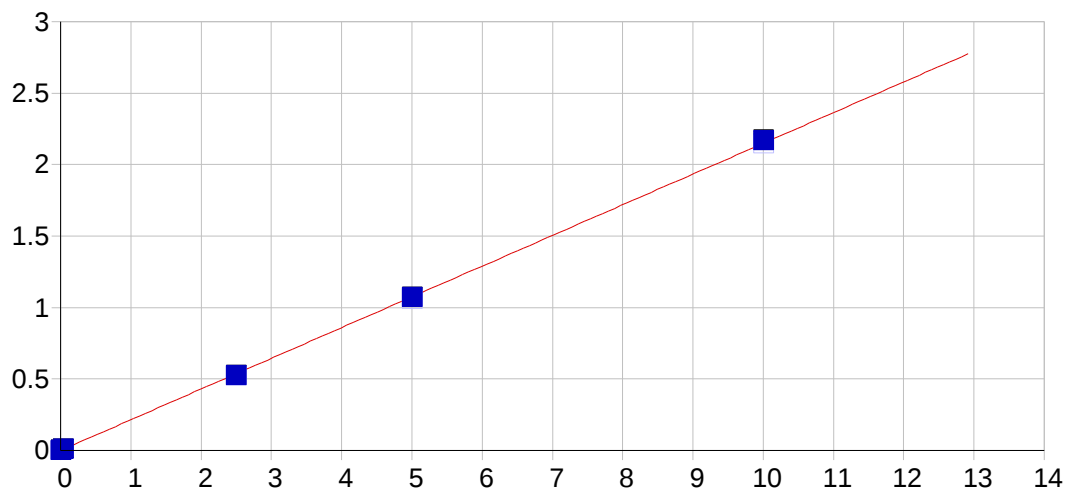
As 189.042 {479}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000

A1 (Gain): 0.070444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002068
 Predicted MQL: 0.006892

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.02000	.02096	.001	4.78	.00155	.000	1
S3	2.5000	2.4327	-.067	-2.69	.17144	.000	1
S4	5.0000	4.9805	-.019	-.389	.35093	.001	1
S5	10.000	10.086	.086	.858	.71057	.002	1

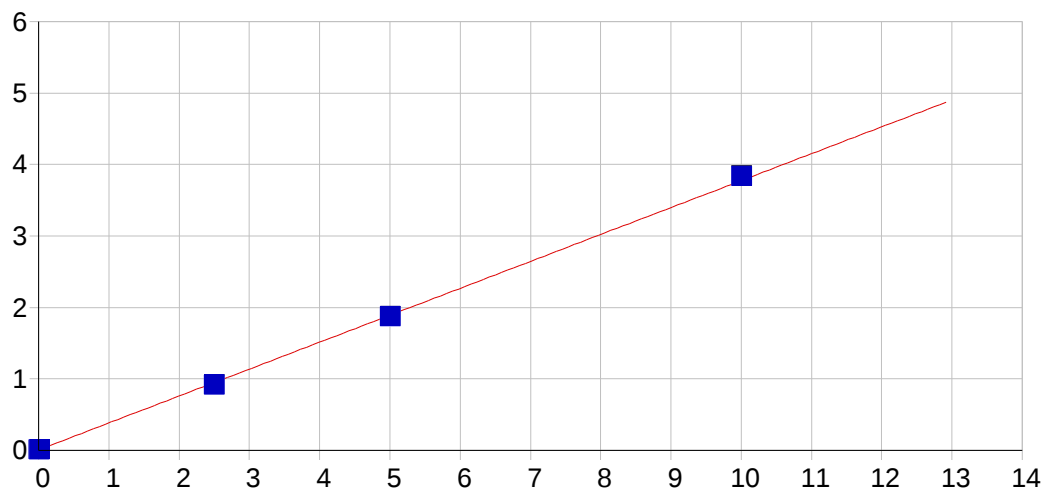


TI 190.856 {477}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000334 Re-Slope: 1.000000
 A1 (Gain): 0.214831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000874
 Predicted MQL: 0.002912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.04000	.04284	.003	7.10	.00931	.000	1
S3	2.5000	2.4371	-.063	-2.51	.51840	.002	1
S4	5.0000	4.9780	-.022	-.440	1.0587	.002	1
S5	10.000	10.082	.082	.821	2.1442	.004	1

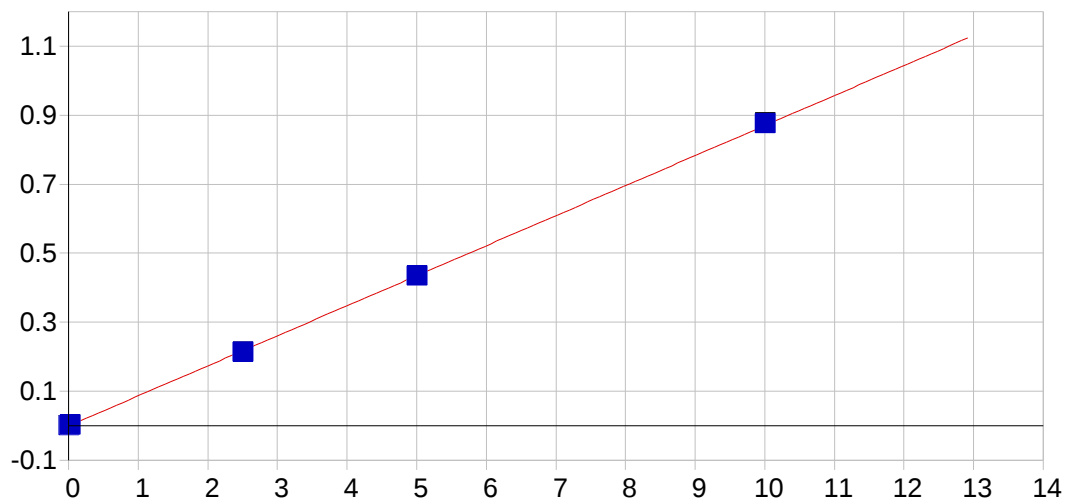


Pb 220.353 {453}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007551 Re-Slope: 1.000000
 A1 (Gain): 0.376671 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.000782
 Predicted MQL: 0.002606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00755	.000	1
S1	.01200	.01327	.001	10.6	.01246	.000	1
S3	2.5000	2.4017	-.098	-3.93	.91092	.002	1
S4	5.0000	4.9372	-.063	-1.26	1.8647	.001	1
S5	10.000	10.160	.160	1.60	3.8294	.010	1



Se 196.090 {472}

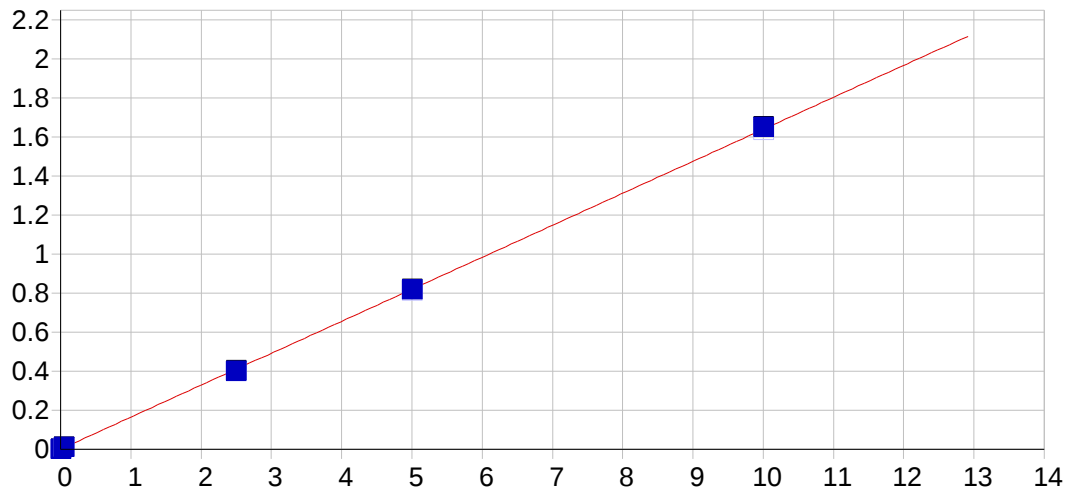
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000176 Re-Slope: 1.000000
 A1 (Gain): 0.087014 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000021
 Predicted MDL: 0.002325
 Predicted MQL: 0.007749

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.02000	.02222	.002	11.1	.00176	.000	1
S3	2.5000	2.4489	-.051	-2.04	.21287	.000	1
S4	5.0000	4.9851	-.015	-.298	.43350	.001	1
S5	10.000	10.064	.064	.637	.87532	.002	1



Sb 206.833 {463}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

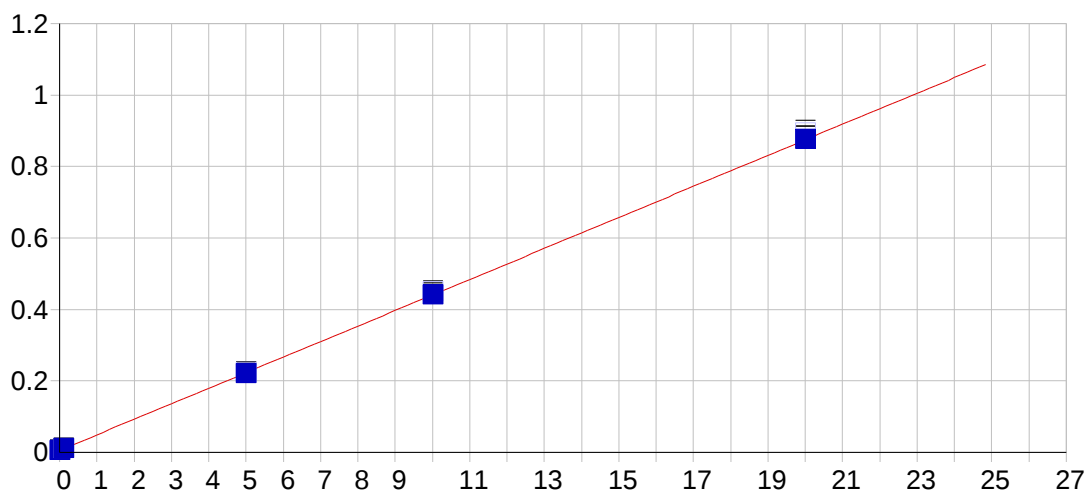
Weighting: 1/Conc

A0 (Offset): 0.000847
 A1 (Gain): 0.163883
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939
 Std Error of Est: 0.000069
 Predicted MDL: 0.001521
 Predicted MQL: 0.005071

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	.00085	.000	1
S1	.05000	.05461	.005	9.23	.00959	.000	1
S3	2.5000	2.4445	-.056	-2.22	.39685	.001	1
S4	5.0000	4.9866	-.013	-.267	.80886	.002	1
S5	10.000	10.064	.064	.643	1.6318	.004	1

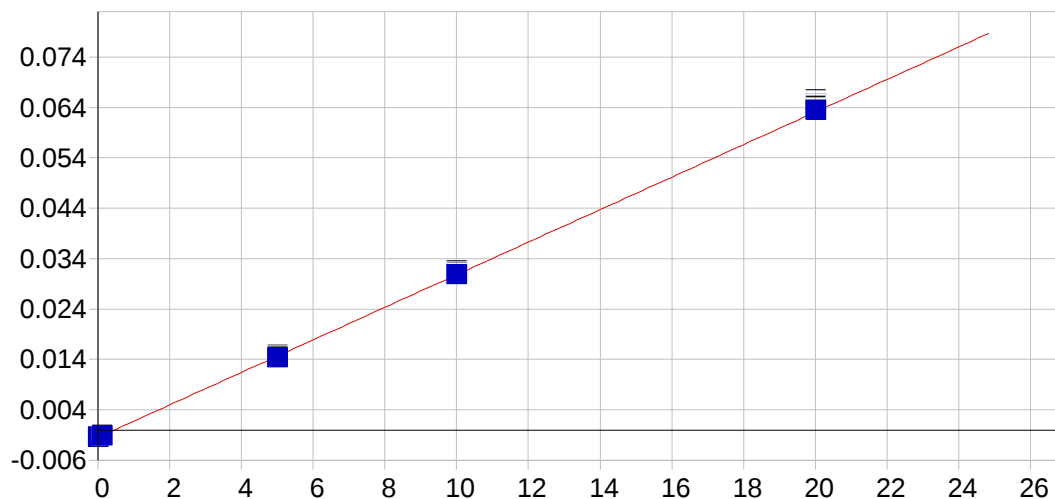


AI 308.215 {109}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005711 Re-Slope: 1.000000
 A1 (Gain): 0.043457 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002604
 Predicted MQL: 0.008679

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00571	.000	1
S1	.10000	.11406	.014	14.1	.01097	.000	1
S3	5.0000	4.9339	-.066	-1.32	.22445	.001	1
S4	10.000	10.022	.022	.218	.44988	.001	1
S5	20.000	20.030	.030	.148	.89344	.008	1



AI 309.271 {109}

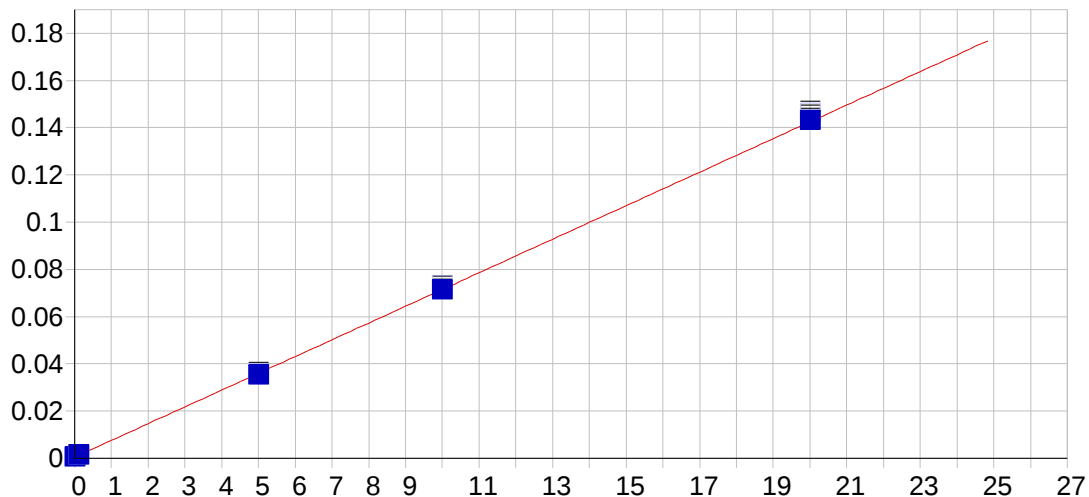
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001460 Re-Slope: 1.000000
 A1 (Gain): 0.003227 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000002
 Predicted MDL: 0.029082
 Predicted MQL: 0.096940

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00146	.000	1
S1	.10000	.10042	.000	.417	-.00111	.000	1
S3	5.0000	4.8881	-.112	-2.24	.01464	.000	1
S4	10.000	9.9881	-.012	-.119	.03142	.000	1
S5	20.000	20.123	.123	.617	.06477	.001	1



AI 396.152 { 85}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

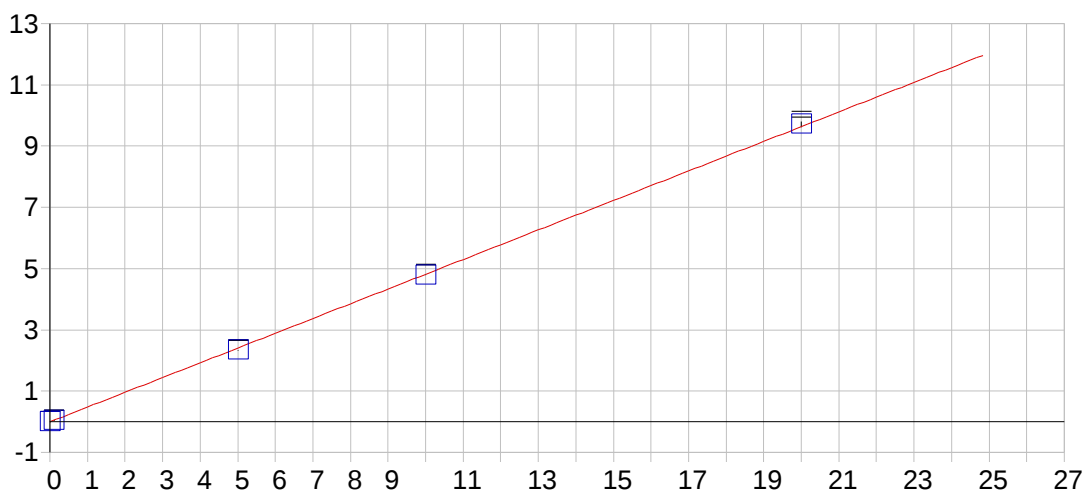
Weighting: 1/Conc

A0 (Offset): 0.000494
 A1 (Gain): 0.007099
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000008
 Predicted MDL: 0.017161
 Predicted MQL: 0.057202

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	.00049	.000	1
S1	.10000	.12223	.022	22.2	.00141	.000	1
S3	5.0000	4.8870	-.113	-2.26	.03590	.000	1
S4	10.000	9.9825	-.017	-.175	.07278	.000	1
S5	20.000	20.107	.107	.536	.14607	.001	1

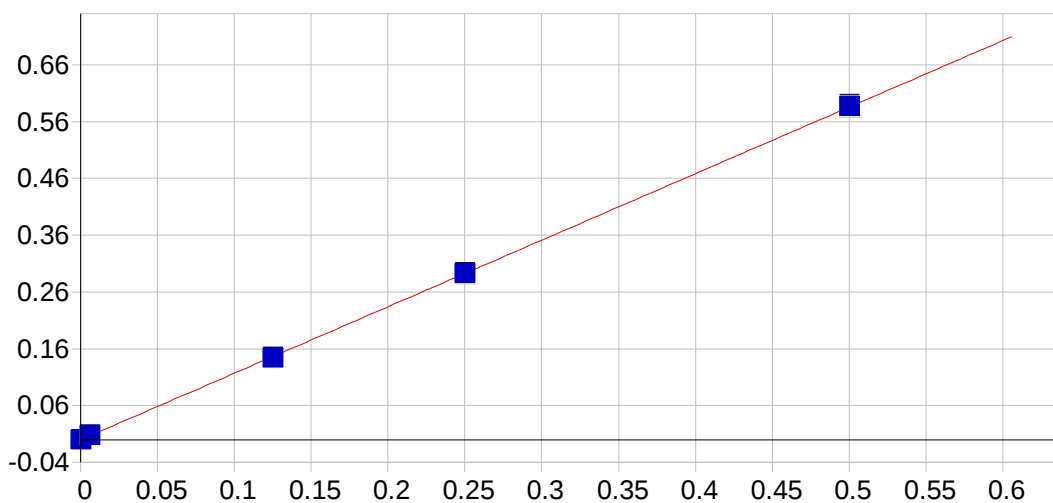


Ba 493.409 { 68}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003193 Re-Slope: 1.000000
 A1 (Gain): 0.481915 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000496
 Predicted MDL: 0.000603
 Predicted MQL: 0.002009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00320	.000	1
S1	.10000	.11110	.011	11.1	.05035	.000	1
S3	5.0000	4.8649	-.135	-2.70	2.3413	.012	1
S5	20.000	20.163	.163	.816	9.7138	.093	1
S4	10.000	9.9608	-.039	-.392	4.7971	.004	1



Be 234.861 {144}

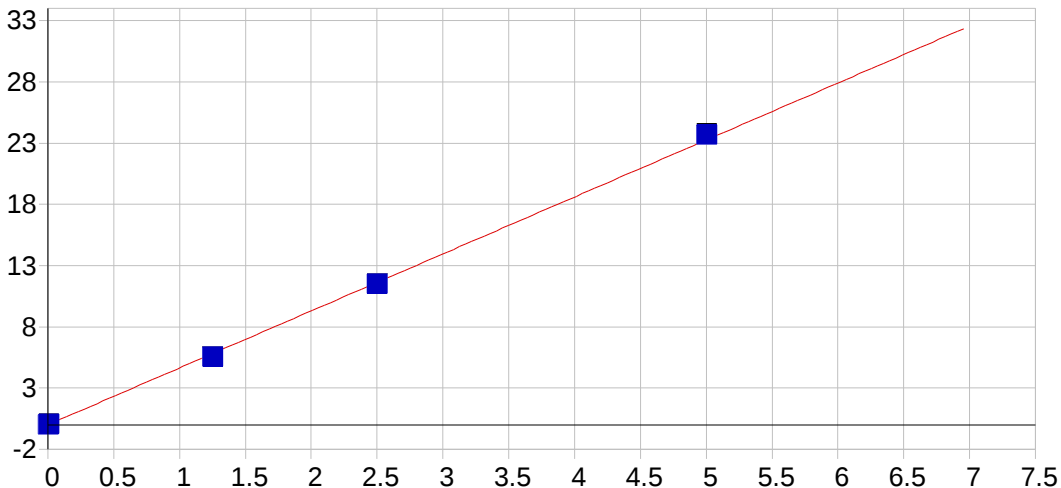
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000397 Re-Slope: 1.000000
 A1 (Gain): 1.171637 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000043
 Predicted MDL: 0.000065
 Predicted MQL: 0.000217

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00040	.000	1
S1	.00600	.00681	.001	13.5	.00751	.000	1
S3	.12500	.12321	-.002	-1.43	.14304	.001	1
S4	.25000	.25006	.000	.023	.29074	.001	1
S5	.50000	.50093	.001	.185	.58282	.004	1



Cd 226.502 {449}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

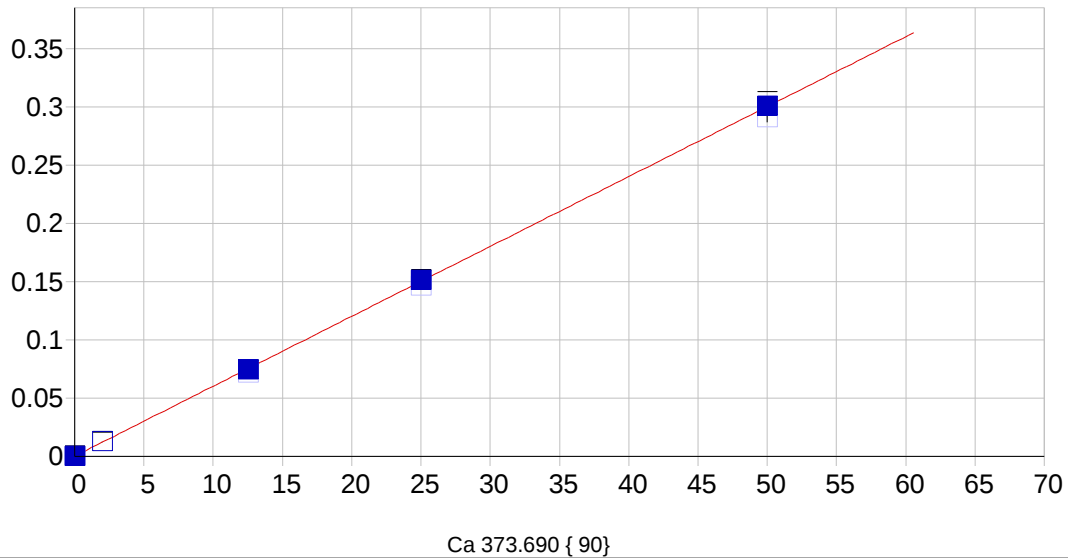
Weighting: 1/Conc

A0 (Offset): -0.004301
 A1 (Gain): 4.651026
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715
 Std Error of Est: 0.001039
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

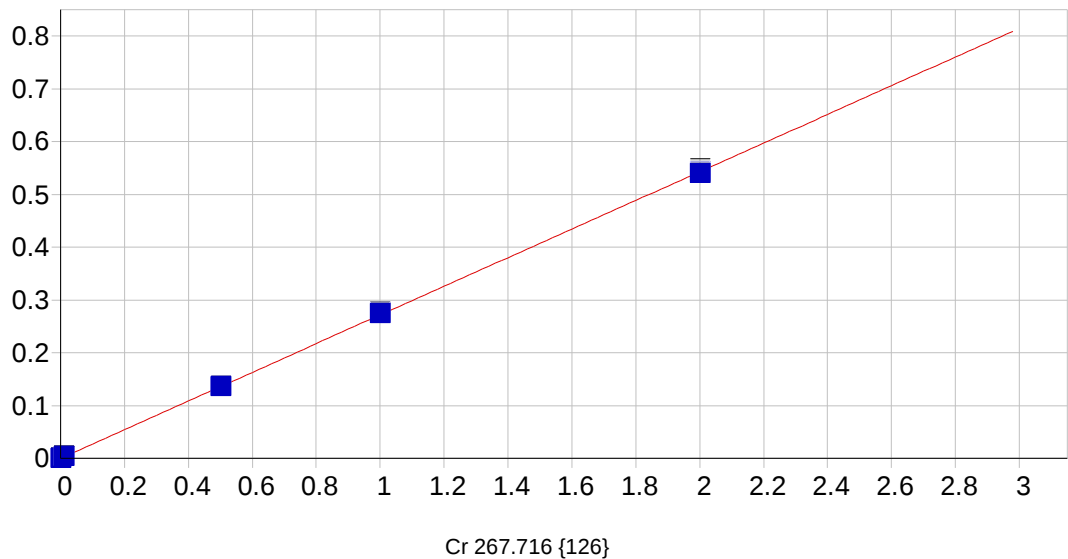
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00430	.000	1
S1	.00600	.00603	.000	.534	.02381	.000	1
S3	1.2500	1.1891	-.061	-4.87	5.5275	.010	1
S4	2.5000	2.4697	-.030	-1.21	11.485	.005	1
S5	5.0000	5.0912	.091	1.82	23.680	.053	1



Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.006000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.016966
 Predicted MQL: 0.056555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0372	.037	1.86	.01240	.000	1
S0	.00000	-.00002	-.000	.000	.00018	.000	1
S3	12.500	12.293	-.207	-1.66	.07143	.000	1
S4	25.000	25.116	.116	.465	.14588	.001	1
S5	50.000	50.052	.052	.105	.29050	.004	1



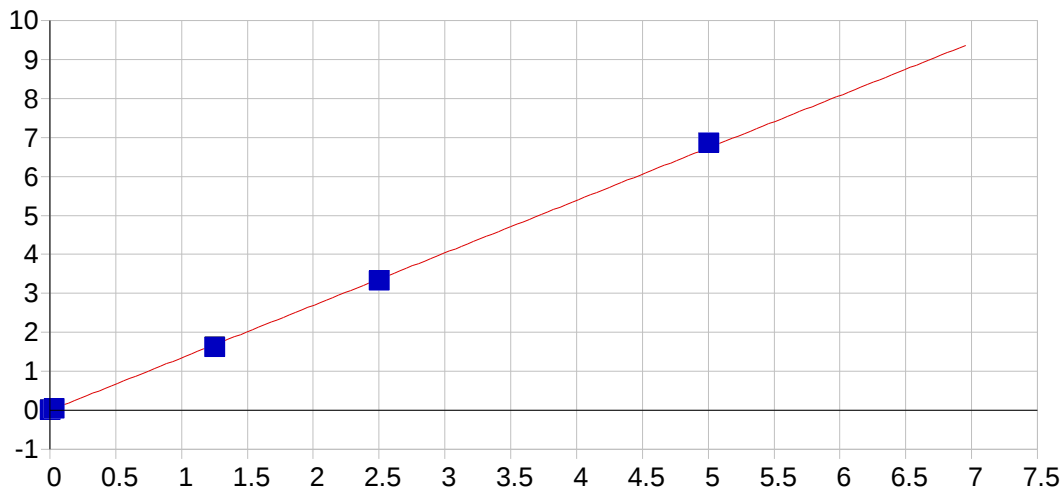
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.271466 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000023
 Predicted MDL: 0.000373
 Predicted MQL: 0.001243

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01156	.002	15.6	.00323	.000	1
S3	.50000	.50143	.001	.286	.13726	.000	1
S4	1.0000	1.0097	.010	.972	.27632	.000	1
S5	2.0000	1.9873	-.013	-.635	.54383	.004	1



Co 228.616 {447}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

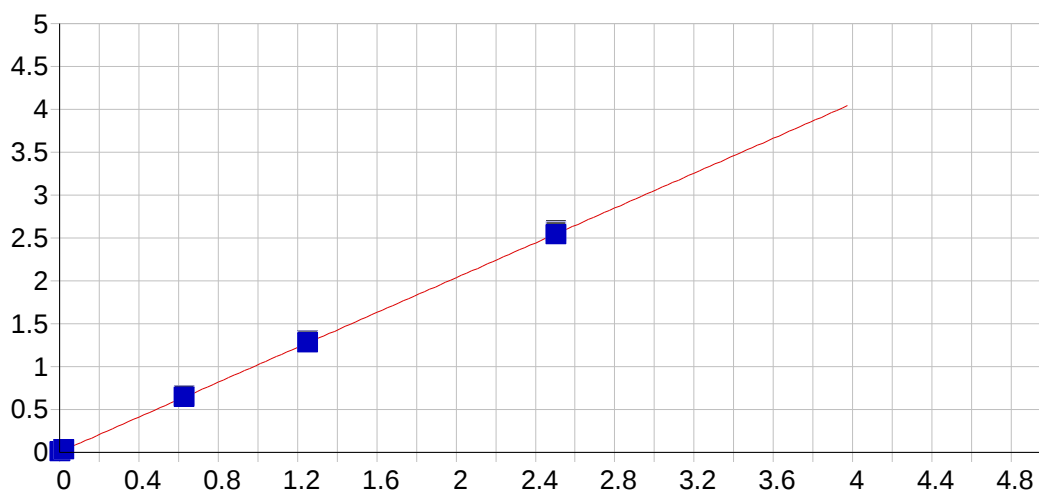
Weighting: 1/Conc

A0 (Offset): -0.000908
 A1 (Gain): 1.346231
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740
 Std Error of Est: 0.000643
 Predicted MDL: 0.000210
 Predicted MQL: 0.000700

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	-.00091	.000	1
S1	.03000	.03063	.001	2.09	.04005	.000	1
S3	1.2500	1.1950	-.055	-4.40	1.6092	.002	1
S4	2.5000	2.4643	-.036	-1.43	3.3192	.000	1
S5	5.0000	5.0901	.090	1.80	6.8568	.014	1

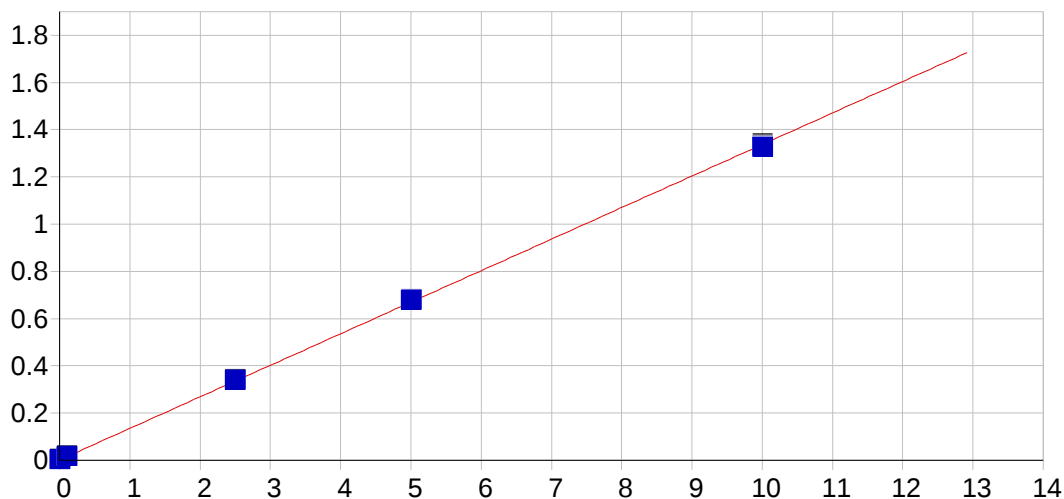


Cu 224.700 {450}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005364 Re-Slope: 1.000000
 A1 (Gain): 1.015825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.000361
 Predicted MQL: 0.001205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00536	.000	1
S1	.02000	.02343	.003	17.2	.02948	.000	1
S3	.62500	.62786	.003	.458	.65342	.000	1
S4	1.2500	1.2539	.004	.308	1.2996	.001	1
S5	2.5000	2.4899	-.010	-.406	2.5757	.007	1



Fe 240.488 {140}

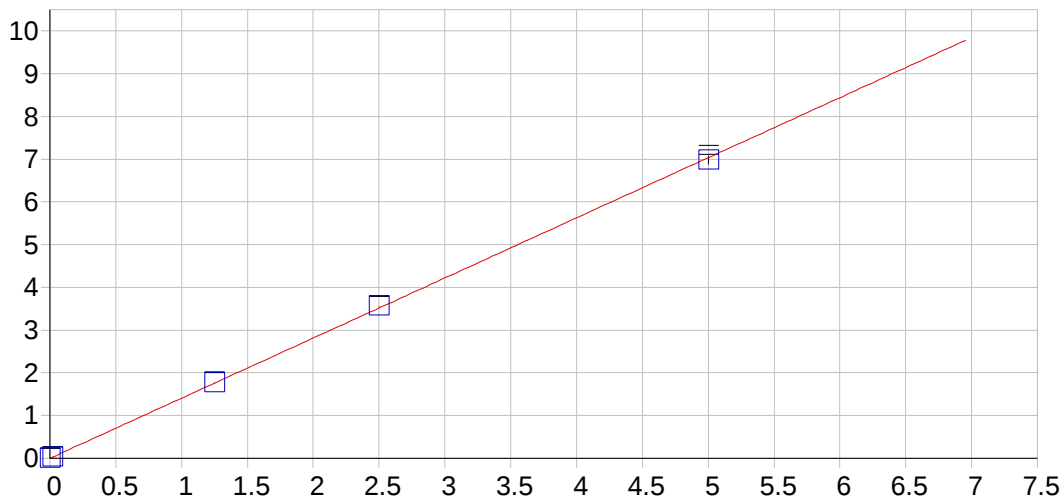
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001650 Re-Slope: 1.000000
 A1 (Gain): 0.133568 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000100
 Predicted MDL: 0.000592
 Predicted MQL: 0.001974

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00165	.000	1
S1	.10000	.11294	.013	12.9	.01680	.000	1
S3	2.5000	2.5220	.022	.880	.33976	.001	1
S4	5.0000	5.0566	.057	1.13	.67955	.001	1
S5	10.000	9.9084	-.092	-.916	1.3301	.009	1



Mn 257.610 {131}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

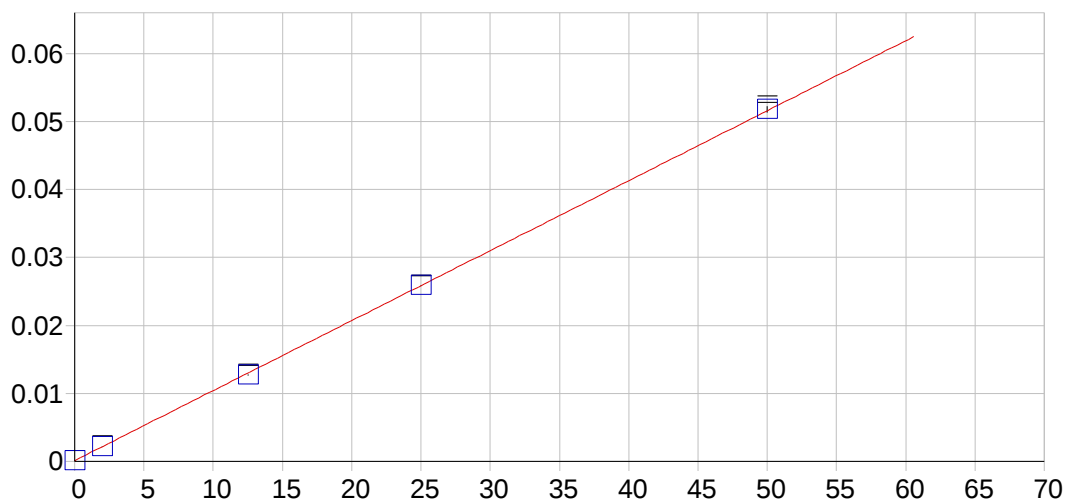
Weighting: 1/Conc

A0 (Offset): 0.000204
 A1 (Gain): 1.406954
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000317
 Predicted MDL: 0.000062
 Predicted MQL: 0.000206

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	.00020	.000	1
S1	.02000	.02390	.004	19.5	.03383	.000	1
S3	1.2500	1.2586	.009	.685	1.7709	.004	1
S4	2.5000	2.5296	.030	1.18	3.5592	.002	1
S5	5.0000	4.9580	-.042	-.841	6.9758	.107	1

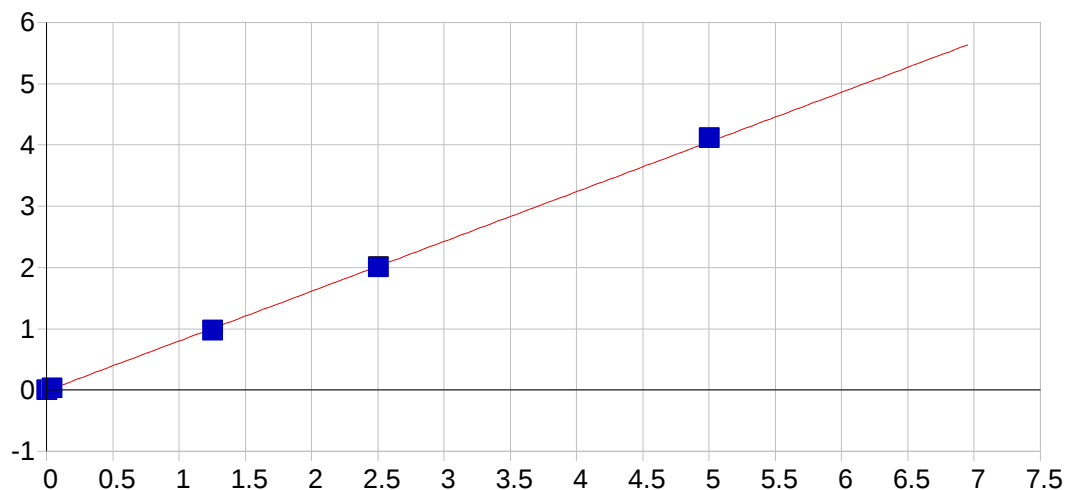


Mg 279.079 {121}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.001029 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.040816
 Predicted MQL: 0.136054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0206	.021	1.03	.00220	.000	1
S0	.00000	.00001	.000	.000	.00012	.000	1
S3	12.500	12.254	-.246	-1.97	.01273	.000	1
S4	25.000	25.016	.016	.064	.02587	.000	1
S5	50.000	50.210	.210	.419	.05181	.000	1



Ni 231.604 {445}

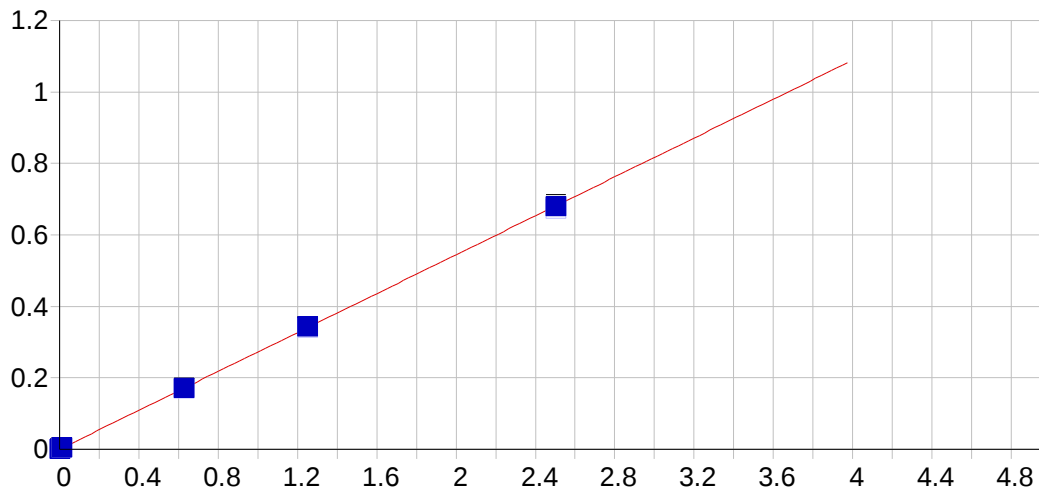
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011566 Re-Slope: 1.000000
 A1 (Gain): 0.812402 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843
 Std Error of Est: 0.000349
 Predicted MDL: 0.000377
 Predicted MQL: 0.001256

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01157	.000	1
S1	.04000	.04146	.001	3.65	.02213	.000	1
S3	1.2500	1.2055	-.044	-3.56	.96890	.001	1
S4	2.5000	2.4760	-.024	-.962	2.0021	.002	1
S5	5.0000	5.0671	.067	1.34	4.1094	.008	1



Ag 328.068 {103}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

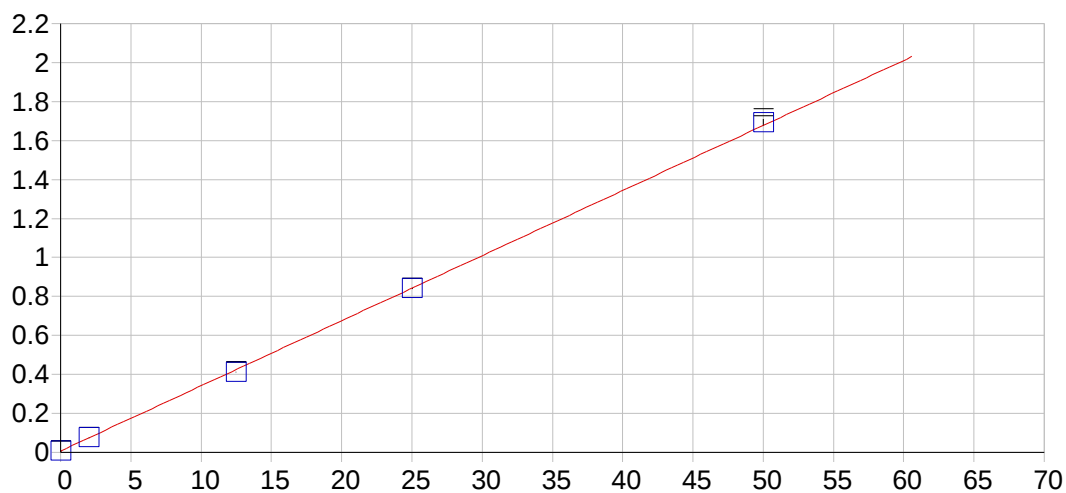
Weighting: 1/Conc

A0 (Offset): 0.000257
 A1 (Gain): 0.272135
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000014
 Predicted MDL: 0.000556
 Predicted MQL: 0.001852

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.01000	.01108	.001	10.8	.00322	.000	1
S3	.62500	.62269	-.002	-.370	.16778	.000	1
S4	1.2500	1.2555	.005	.439	.33805	.000	1
S5	2.5000	2.4958	-.004	-.170	.67170	.005	1

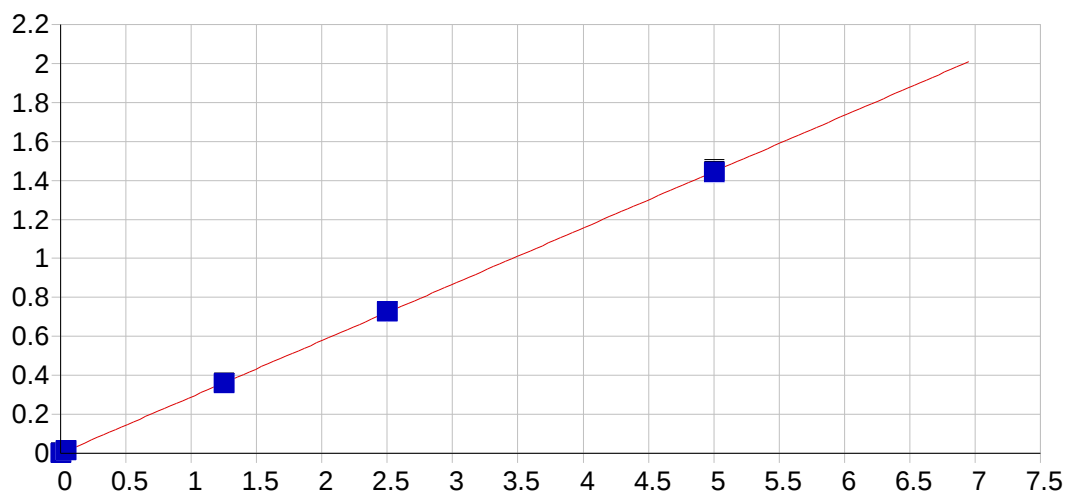


Na 589.592 { 57}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007573 Re-Slope: 1.000000
 A1 (Gain): 0.033395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000265
 Predicted MDL: 0.009465
 Predicted MQL: 0.031550

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0484	.048	2.42	.07598	.001	1
S0	.00000	.00001	.000	.000	.00757	.000	1
S3	12.500	12.087	-.413	-3.30	.41123	.002	1
S4	25.000	24.925	-.075	-.300	.83995	.000	1
S5	50.000	50.439	.439	.879	1.6920	.018	1



V 292.402 {115}

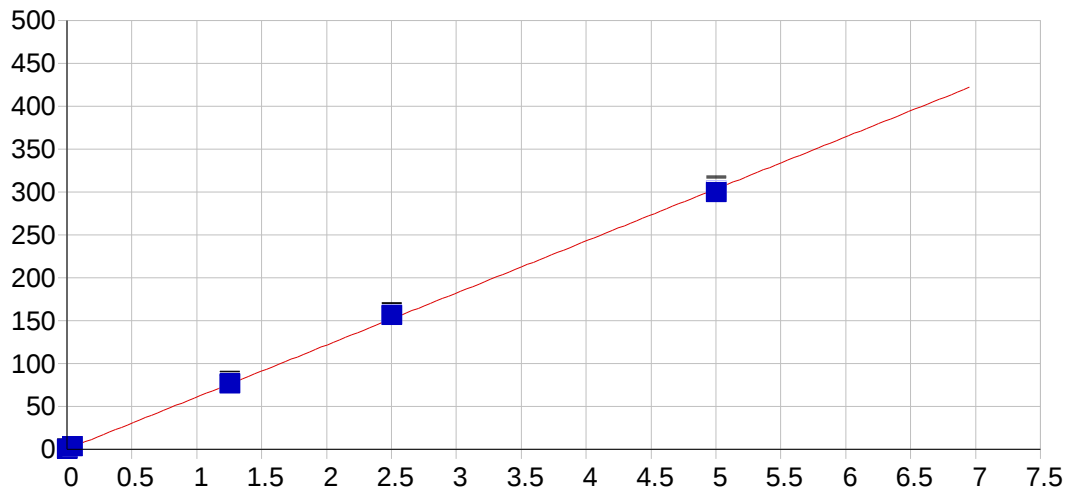
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.288937 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000048
 Predicted MDL: 0.000403
 Predicted MQL: 0.001343

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.04000	.04305	.003	7.62	.01250	.000	1
S3	1.2500	1.2399	-.010	-.811	.35613	.001	1
S4	2.5000	2.5147	.015	.587	.72210	.000	1
S5	5.0000	4.9924	-.008	-.151	1.4333	.011	1



Zn 206.200 {163}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

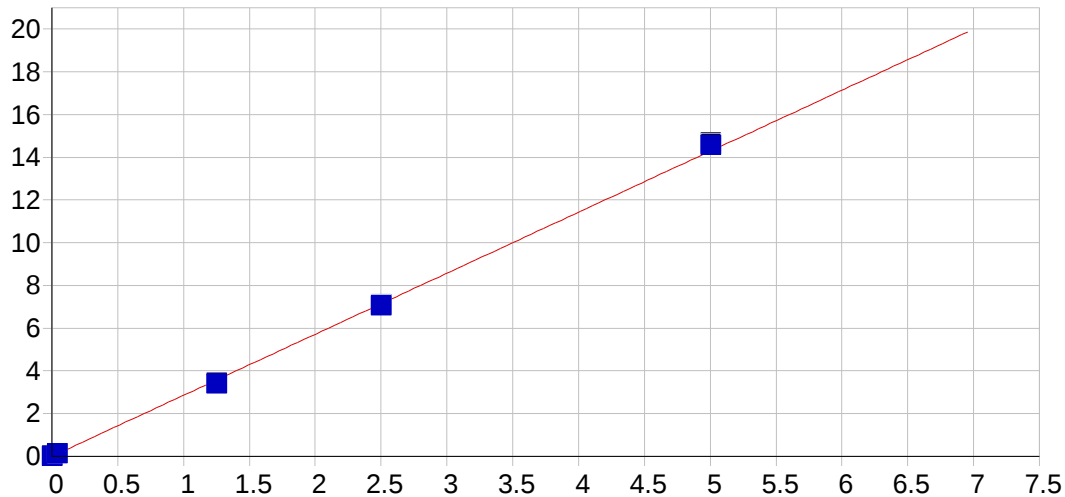
Weighting: 1/Conc

A0 (Offset): 0.171683
 A1 (Gain): 60.687005
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821
 Std Error of Est: 0.027932
 Predicted MDL: 0.000303
 Predicted MQL: 0.001011

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.17134	.011	1
S1	.04000	.04516	.005	12.9	2.9281	.054	1
S3	1.2500	1.2526	.003	.206	76.646	2.17	1
S4	2.5000	2.5620	.062	2.48	156.57	2.26	1
S5	5.0000	4.9303	-.070	-1.39	301.21	5.18	1

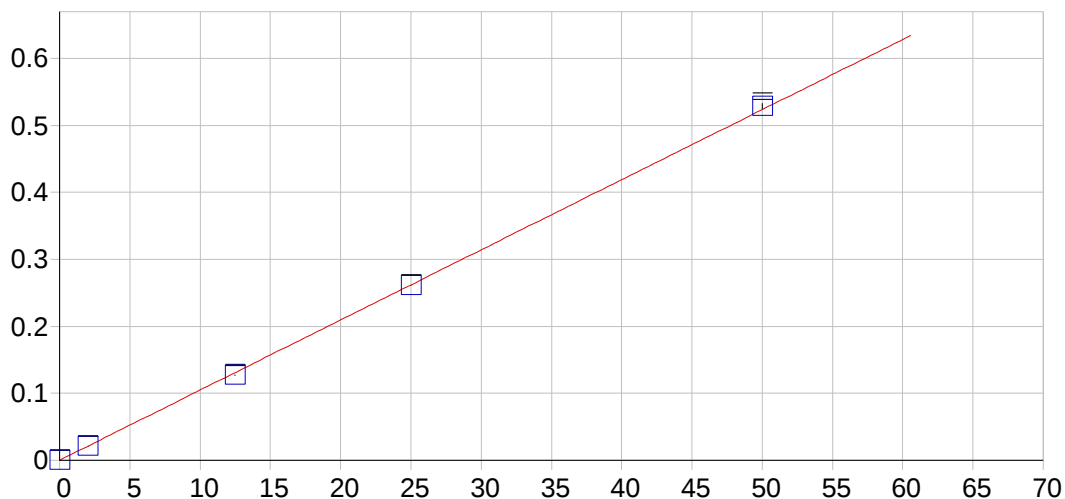


Zn 213.856 {458}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004001 Re-Slope: 1.000000
 A1 (Gain): 2.856104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.001708
 Predicted MDL: 0.000084
 Predicted MQL: 0.000279

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00400	.000	1
S1	.04000	.04055	.001	1.37	.12060	.001	1
S3	1.2500	1.1886	-.061	-4.91	3.4215	.002	1
S4	2.5000	2.4647	-.035	-1.41	7.0891	.003	1
S5	5.0000	5.0961	.096	1.92	14.650	.026	1



K 766.490 {44}

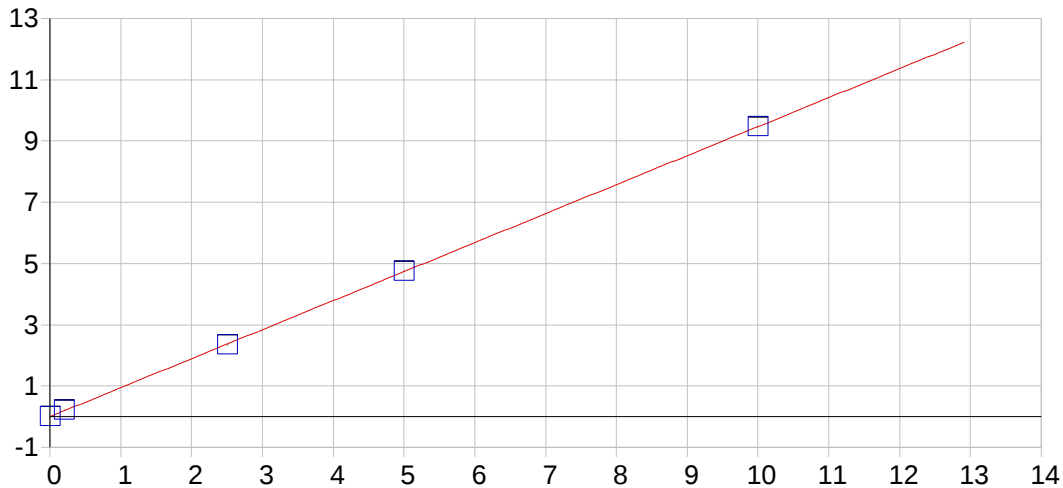
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000204 Re-Slope: 1.000000
 A1 (Gain): 0.010471 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912
 Std Error of Est: 0.000076
 Predicted MDL: 0.032410
 Predicted MQL: 0.108034

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9932	-.007	-.338	.02108	.000	1
S0	.00000	.00005	.000	.000	.00020	.000	1
S3	12.500	12.125	-.375	-3.00	.12717	.001	1
S4	25.000	24.923	-.077	-.306	.26118	.001	1
S5	50.000	50.458	.458	.917	.52856	.005	1



Mo 202.030 {467}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

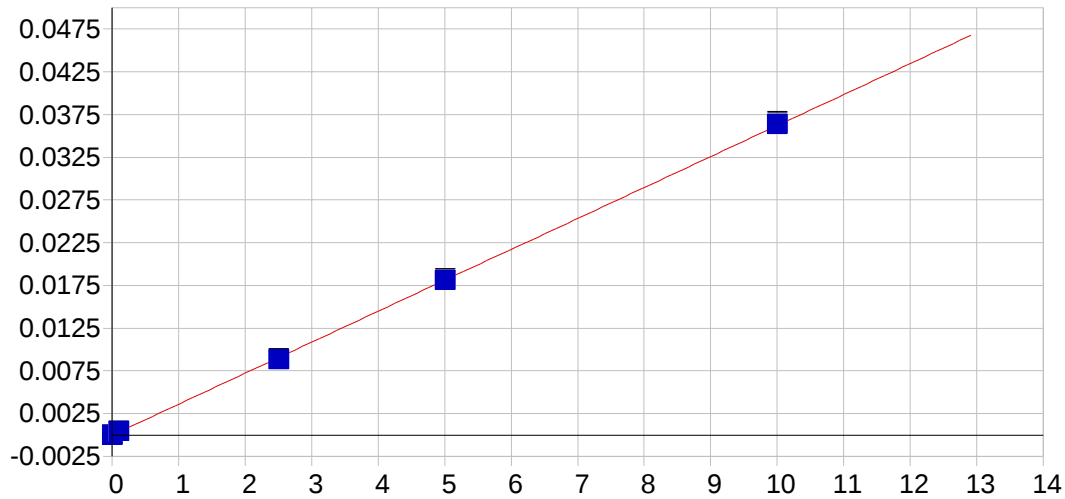
Weighting: 1/Conc

A0 (Offset): 0.000026
 A1 (Gain): 0.946997
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000706
 Predicted MDL: 0.000242
 Predicted MQL: 0.000808

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.20000	.21639	.016	8.20	.20495	.000	1
S3	2.5000	2.4744	-.026	-1.02	2.3433	.002	1
S4	5.0000	5.0171	.017	.341	4.7512	.005	1
S5	10.000	9.9921	-.008	-.079	9.4625	.013	1

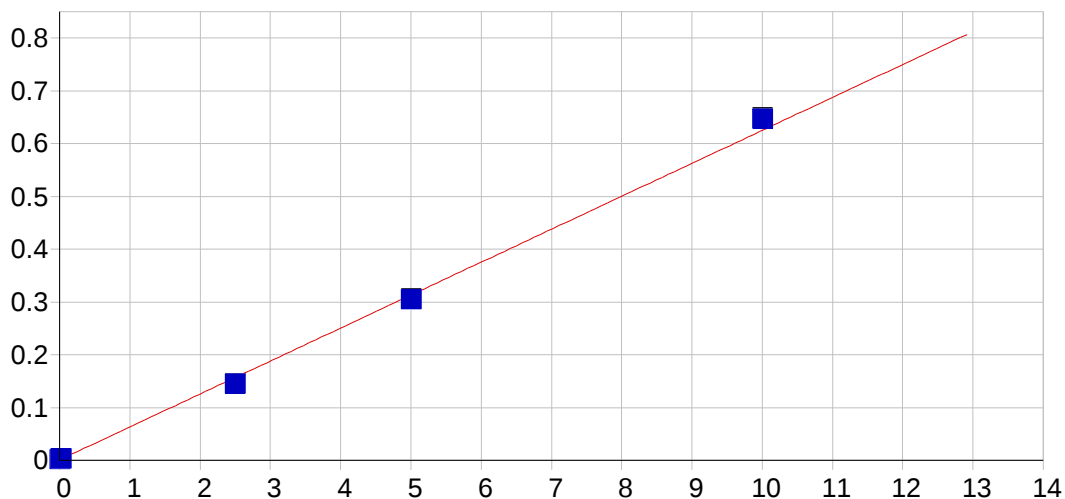


B 249.678 {135}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.003624 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.009913
 Predicted MQL: 0.033042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00002	.000	1
S1	.10000	.11343	.013	13.4	.00039	.000	1
S3	2.5000	2.4394	-.061	-2.42	.00880	.000	1
S4	5.0000	5.0063	.006	.126	.01808	.000	1
S5	10.000	10.041	.041	.409	.03628	.000	1



S 182.034 {485}

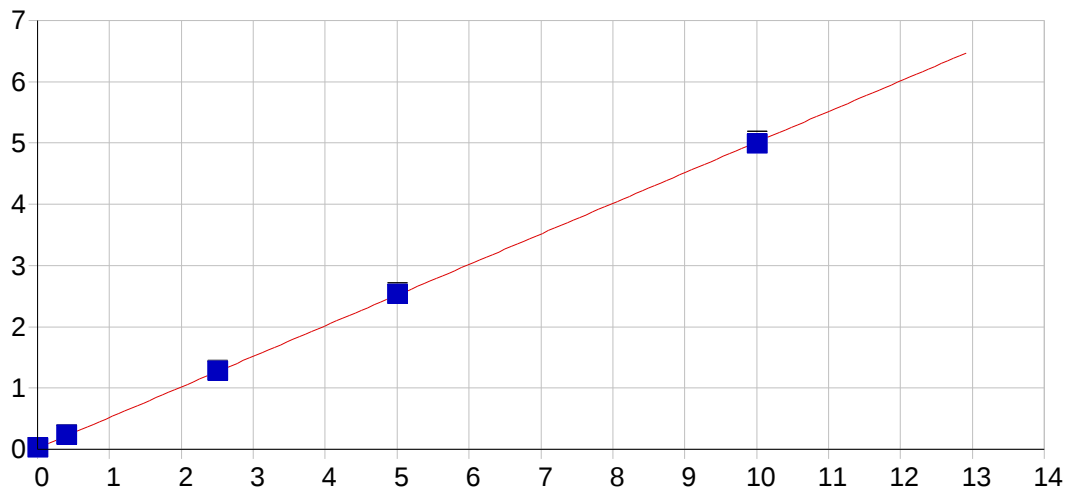
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000814 Re-Slope: 1.000000
 A1 (Gain): 0.062427 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999051
 Std Error of Est: 0.000066
 Predicted MDL: 0.002377
 Predicted MQL: 0.007924

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.02000	.01839	-.002	-8.07	.00192	.000	1
S3	2.5000	2.2951	-.205	-8.20	.14391	.000	1
S4	5.0000	4.8570	-.143	-2.86	.30367	.001	1
S5	10.000	10.349	.349	3.49	.64620	.002	1



Si 288.158 {117}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

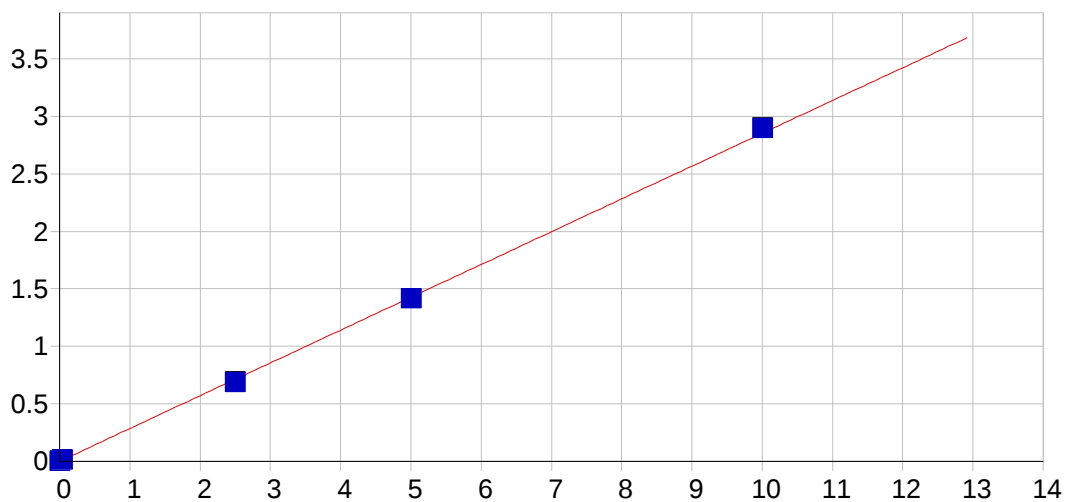
Weighting: 1/Conc

A0 (Offset): 0.020198
 A1 (Gain): 0.499352
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000417
 Predicted MDL: 0.002163
 Predicted MQL: 0.007211

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	.02019	.001	1
S1	.40000	.41340	.013	3.35	.22647	.001	1
S3	2.5000	2.5126	.013	.505	1.2742	.011	1
S4	5.0000	5.0316	.032	.632	2.5314	.016	1
S5	10.000	9.9424	-.058	-.576	4.9823	.039	1

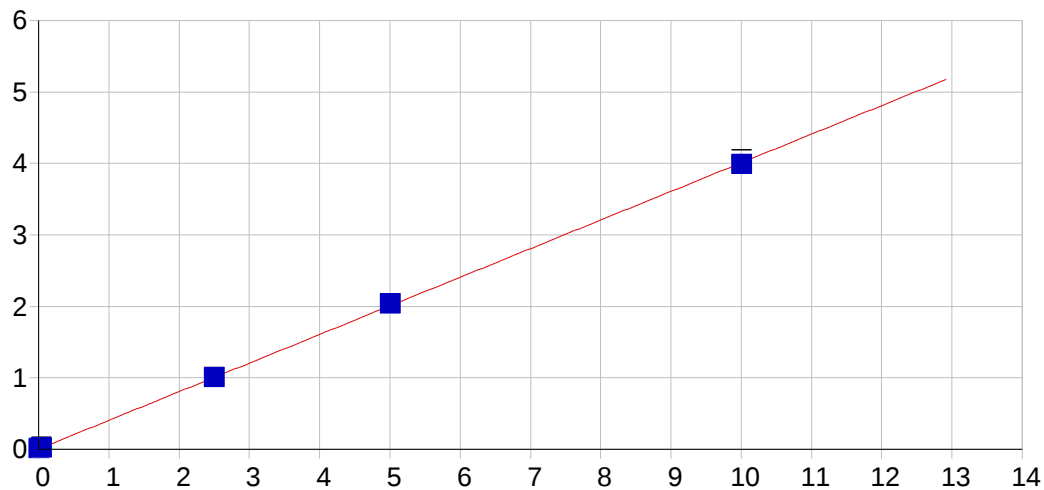


Sn 189.989 {477}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000903 Re-Slope: 1.000000
 A1 (Gain): 0.285100 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999817 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.000543
 Predicted MQL: 0.001811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.04000	.04004	.000	.088	.01232	.000	1
S3	2.5000	2.4041	-.096	-3.84	.68644	.002	1
S4	5.0000	4.9479	-.052	-1.04	1.4118	.003	1
S5	10.000	10.148	.148	1.48	2.8946	.004	1



Ti 336.121 {100}

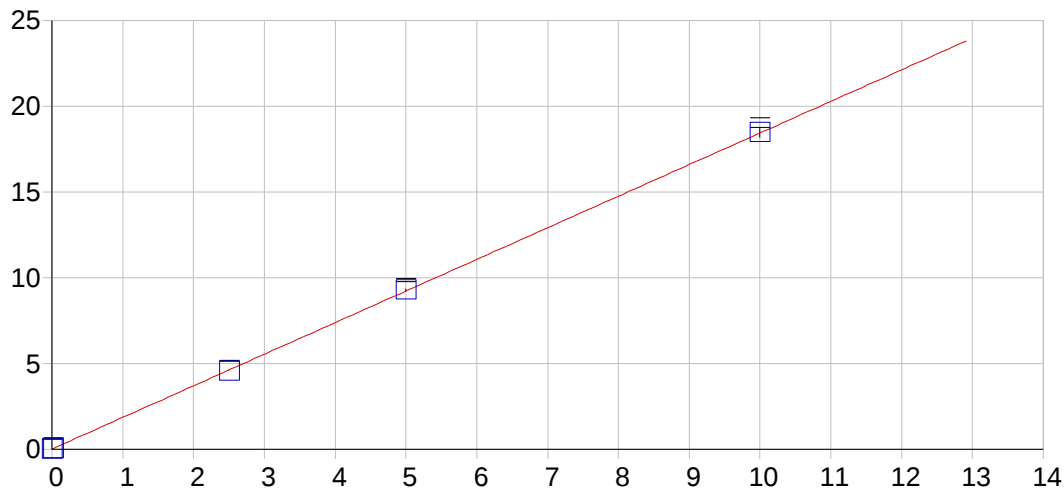
Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005142 Re-Slope: 1.000000
 A1 (Gain): 0.400371 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000113
 Predicted MDL: 0.001863
 Predicted MQL: 0.006211

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00514	.000	1
S1	.04000	.04238	.002	5.95	.02210	.000	1
S3	2.5000	2.4892	-.011	-.431	1.0016	.004	1
S4	5.0000	5.0609	.061	1.22	2.0311	.003	1
S5	10.000	9.9475	-.053	-.525	3.9873	.057	1



Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

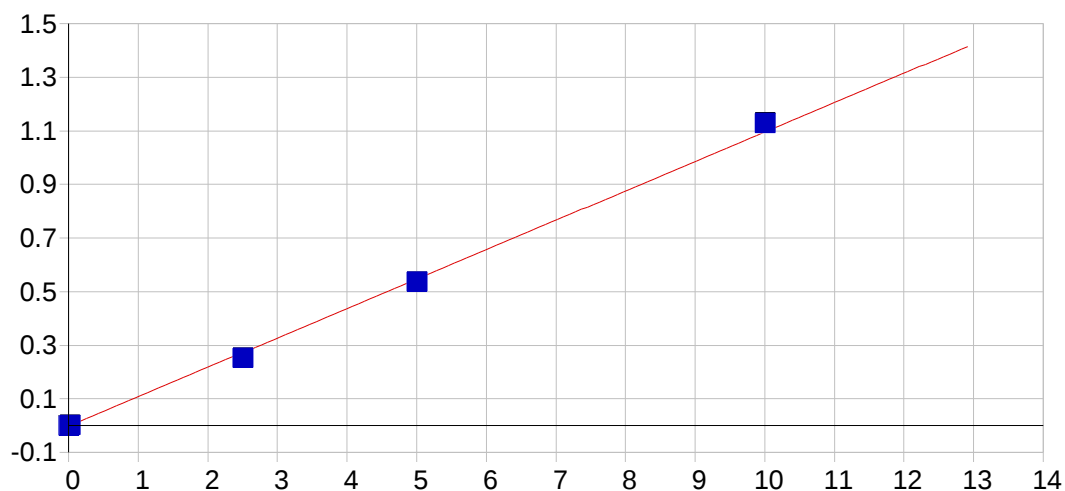
Weighting: 1/Conc

A0 (Offset): 0.017504
 A1 (Gain): 1.842583
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000271
 Predicted MDL: 0.001692
 Predicted MQL: 0.005640

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	.01750	.004	1
S1	.02000	.02057	.001	2.84	.05540	.002	1
S3	2.5000	2.4642	-.036	-1.43	4.5581	.017	1
S4	5.0000	5.0231	.023	.463	9.2730	.076	1
S5	10.000	10.012	.012	.121	18.466	.283	1



P 177.495 {490}

Date of Fit: 6/18/2019 17:44:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002041 Re-Slope: 1.000000
 A1 (Gain): 0.109728 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999273 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.001302
 Predicted MQL: 0.004339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00204	.000	1
S1	.02000	.01840	-.002	-8.00	-.00003	.000	1
S3	2.5000	2.3107	-.189	-7.57	.25111	.000	1
S4	5.0000	4.8950	-.105	-2.10	.53428	.000	1
S5	10.000	10.296	.296	2.96	1.1261	.002	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

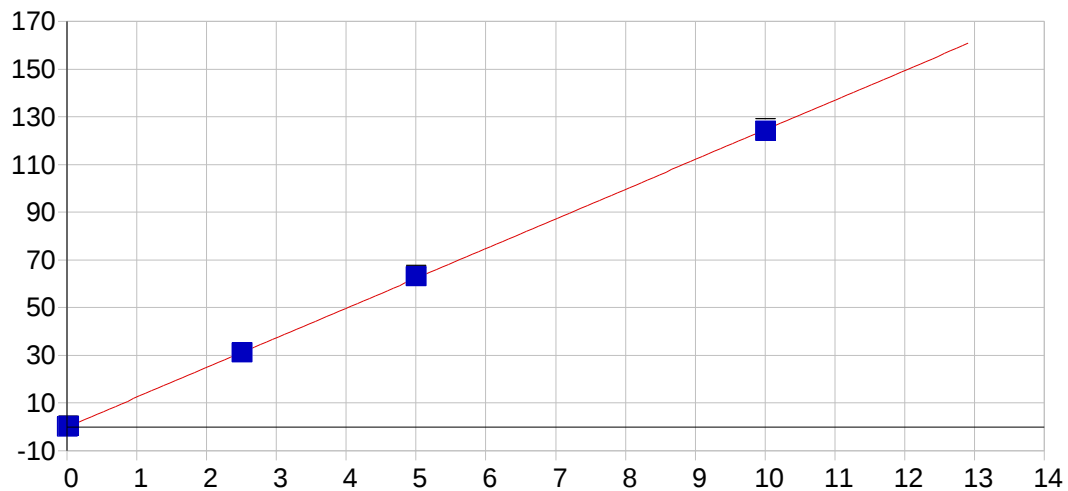
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002362

Re-Slope: 1.000000

A1 (Gain): 12.450338

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

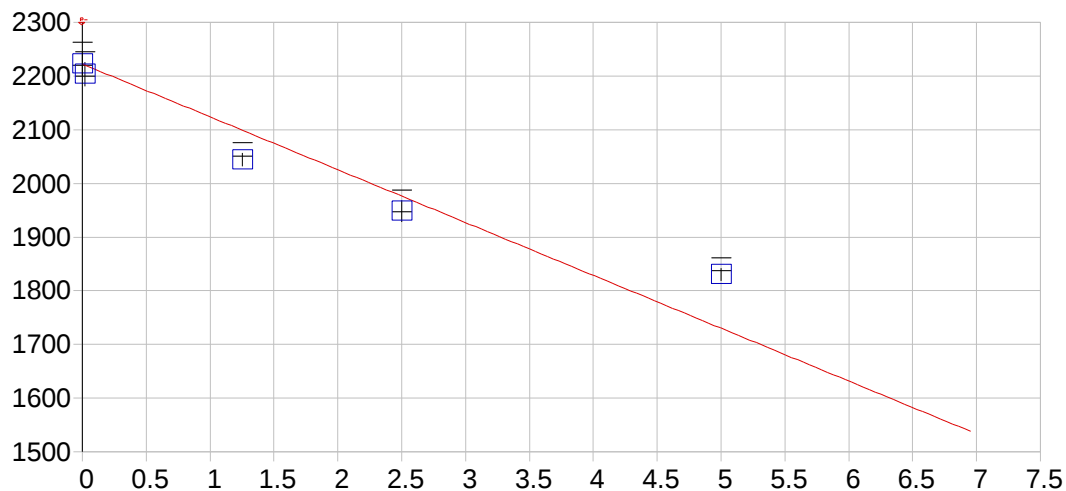
Status: OK.

Std Error of Est: 0.002416

Predicted MDL: 0.000108

Predicted MQL: 0.000359

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00240	.001	1
S1	.02000	.02292	.003	14.6	.28434	.002	1
S3	2.5000	2.4915	-.009	-.342	31.051	.122	1
S4	5.0000	5.0492	.049	.985	62.931	.485	1
S5	10.000	9.9564	-.044	-.436	124.09	.945	1



Date of Fit: 6/18/2019 17:44:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 2222.327931

Re-Slope: 1.000000

A1 (Gain): -98.427974

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.901368

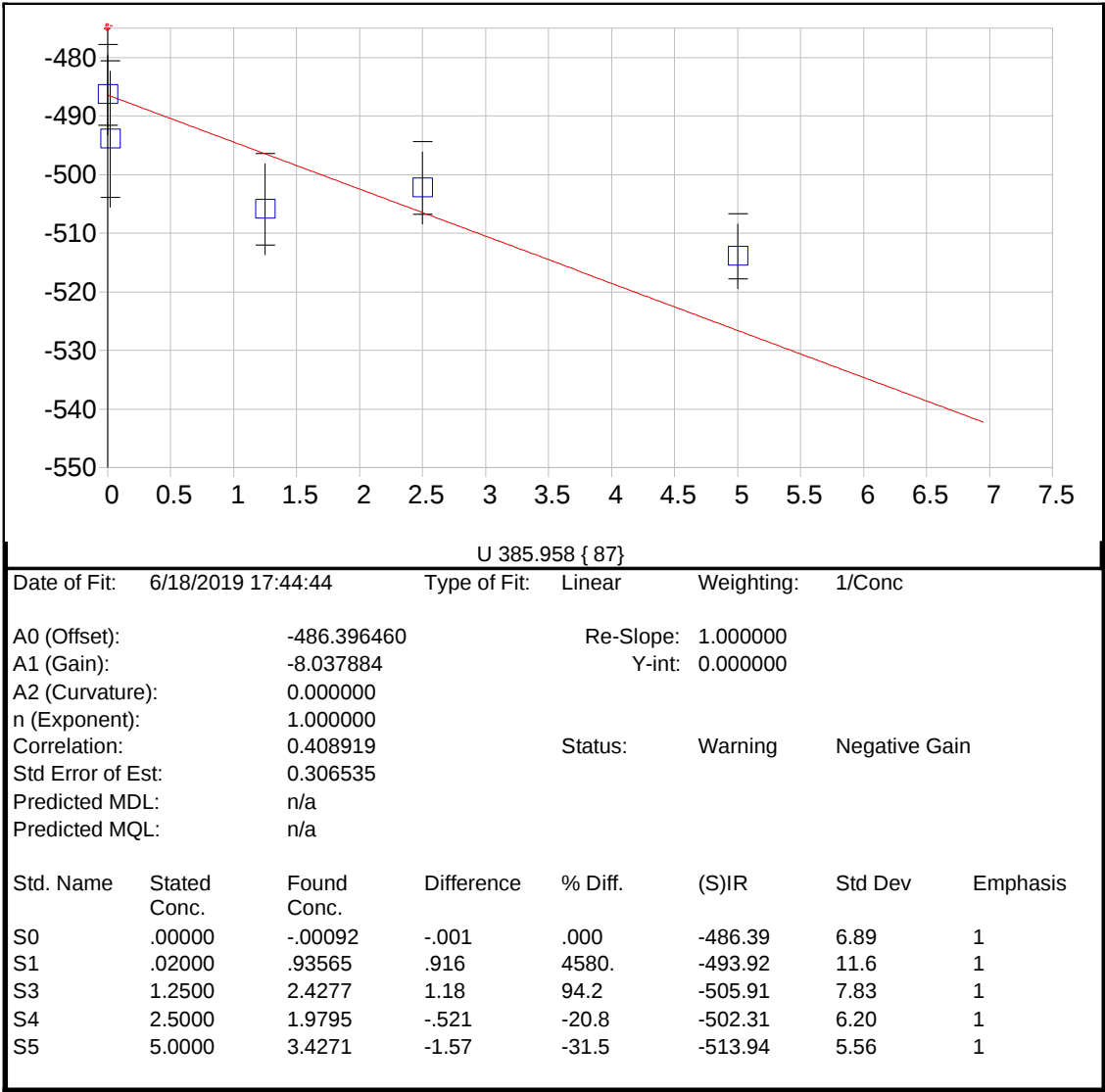
Status: Warning Negative Gain

Std Error of Est: 0.808104

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	2222.3	21.4	1
S1	.02000	.19512	.175	876.	2203.1	22.6	1
S3	1.2500	1.8099	.560	44.8	2044.2	12.6	1
S4	2.5000	2.7816	.282	11.3	1948.5	20.3	1
S5	5.0000	3.9834	-1.02	-20.3	1830.3	12.2	1



Sample Name: S0 Acquired: 6/18/2019 13:15:24 Type: Cal
Method: P4-ICP2(v3211) 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	.00007	.00033	.00755	-.00018	.00085	.00049	-.00320	-.00040
Stddev	.00012	.00007	.00022	.00022	.00019	.00012	.00045	.00000
%RSD	161.51	19.684	2.8942	124.31	21.999	24.701	14.010	1.0316

#1	.00003	.00031	.00736	-.00043	.00091	.00040	-.00363	-.00040
#2	-.00001	.00041	.00751	-.00009	.00099	.00045	-.00273	-.00040
#3	.00021	.00029	.00779	-.00001	.00064	.00063	-.00323	-.00039

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	-.00430	.00018	.00008	-.00091	.00536	.00165	.00020	.00012
Stddev	.00023	.00005	.00005	.00018	.00016	.00003	.00003	.00002
%RSD	5.3759	29.710	69.897	20.196	2.9873	1.6610	13.029	16.722

#1	-.00450	.00014	.00013	-.00104	.00518	.00165	.00018	.00014
#2	-.00435	.00015	.00003	-.00098	.00546	.00168	.00023	.00012
#3	-.00405	.00024	.00007	-.00070	.00545	.00162	.00019	.00010

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	-.01157	.00026	.00757	.00024	.00400	.00020	.00001	-.00002
Stddev	.00011	.00003	.00045	.00012	.00012	.00008	.00015	.00001
%RSD	.93568	10.375	5.9869	47.597	3.0640	38.275	1239.9	67.678

#1	-.01167	.00026	.00766	.00017	.00388	.00021	-.00001	-.00003
#2	-.01145	.00028	.00797	.00038	.00413	.00028	.00017	-.00002
#3	-.01158	.00023	.00708	.00018	.00401	.00012	-.00012	-.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	.00081	.02019	.00090	.00514	.01750	-.0020	-.00240	2222.3
Stddev	.00007	.00064	.00024	.00024	.00433	.0001	.00080	21.4
%RSD	8.5344	3.1536	26.031	4.7546	24.728	7.283	33.341	.96450

#1	.00076	.02083	.00079	.00522	.01681	-.0021	-.00311	2222.0
#2	.00079	.01956	.00117	.00534	.01356	-.0019	-.00256	2244.0
#3	.00089	.02018	.00075	.00487	.02214	-.0021	-.00153	2201.1

Sample Name: S0 Acquired: 6/18/2019 13:15:24 Type: Cal
Method: P4-ICP2(v3211) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-486.39
Stddev	6.89
%RSD	1.4159

#1	-484.56
#2	-480.60
#3	-494.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.1	42747.	3999.5	76.792	3615.0
Stddev	11.6	101.	33.8	.497	6.2
%RSD	.35113	.23687	.84503	.64739	.17048

#1	3293.9	42650.	3961.9	76.275	3608.0
#2	3315.6	42740.	4027.3	77.267	3619.4
#3	3311.8	42852.	4009.3	76.833	3617.8

Sample Name: S1 Acquired: 6/18/2019 13:19:51 Type: Cal
Method: P4-ICP2(v3211) 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	.00155	.00931	.01246	.00176	.00959	.00141	.05035	.00751
Stddev	.00010	.00019	.00011	.00009	.00021	.00002	.00035	.00010
%RSD	6.5682	2.0076	.86566	5.2605	2.1498	1.3609	.68951	1.3911

#1	.00154	.00913	.01245	.00186	.00973	.00139	.05018	.00759
#2	.00146	.00931	.01236	.00172	.00969	.00143	.05011	.00739
#3	.00166	.00950	.01258	.00169	.00936	.00141	.05074	.00754

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	.02381	.00323	.04005	.02948	.01680	.03383	.02213	.00322
Stddev	.00035	.00010	.00012	.00029	.00009	.00005	.00003	.00005
%RSD	1.4752	3.2217	.29565	.99063	.54230	.14462	.14974	1.5104

#1	.02421	.00315	.04015	.02941	.01690	.03379	.02212	.00317
#2	.02363	.00335	.04007	.02923	.01672	.03381	.02211	.00327
#3	.02358	.00318	.03992	.02980	.01678	.03388	.02217	.00321

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	.01250	.12060	.20495	.00039	.00192	.22647	.01232	.02210
Stddev	.00012	.00058	.00049	.00001	.00006	.00083	.00007	.00039
%RSD	.96786	.48205	.24137	2.0916	2.9709	.36460	.55344	1.7488

#1	.01255	.12117	.20493	.00040	.00198	.22739	.01232	.02254
#2	.01260	.12063	.20546	.00038	.00186	.22580	.01238	.02197
#3	.01237	.12001	.20447	.00039	.00193	.22621	.01225	.02180

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05540	-.0000	.28434	2203.1	-493.92
Stddev	.00246	.0001	.00215	22.6	11.65
%RSD	4.4441	431.2	.75705	1.0267	2.3585

#1	.05466	-.0002	.28288	2217.0	-481.59
#2	.05339	.0000	.28333	2177.0	-504.74
#3	.05815	.0001	.28682	2215.4	-495.42

Sample Name: S1 Acquired: 6/18/2019 13:19:51 Type: Cal
Method: P4-ICP2(v3211) 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	3311.8	42695.	4035.4	74.931	3591.4
Stddev	13.4	81.	21.7	.884	13.4
%RSD	.40356	.18932	.53734	1.1798	.37185
#1	3299.0	42619.	4010.7	75.667	3579.9
#2	3310.6	42780.	4051.5	73.950	3588.3
#3	3325.7	42687.	4044.0	75.175	3606.0

Sample Name: S2 Acquired: 6/18/2019 13:24:16 Type: Cal
Method: P4-ICP2(v3211) 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	.01240	.00220	.07598	.02108
Stddev	.00015	.00004	.00087	.00031
%RSD	1.2303	1.8757	1.1480	1.4667

#1	.01223	.00215	.07612	.02106
#2	.01251	.00224	.07677	.02140
#3	.01247	.00220	.07505	.02078

Int. Std.	Y_3600
Units	Cts/S
Avg	42508.
Stddev	199.
%RSD	.46894

#1	42351.
#2	42440.
#3	42732.

Sample Name: S3 Acquired: 6/18/2019 13:28:30 Type: Cal
Method: P4-ICP2(v3211) 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	.17144	.51840	.91092	.21287	.39685	.03590	2.3413	.14304
Stddev	.00021	.00220	.00198	.00034	.00088	.00037	.0120	.00057
%RSD	.12087	.42440	.21754	.16193	.22183	1.0390	.51290	.40138
#1	.17168	.51595	.91219	.21294	.39678	.03559	2.3330	.14249
#2	.17134	.52020	.91194	.21249	.39601	.03579	2.3357	.14300
#3	.17131	.51905	.90864	.21317	.39776	.03631	2.3550	.14363
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	5.5275	.07143	.13726	1.6092	.65342	.33976	1.7709	.01273
Stddev	.0096	.00033	.00034	.0019	.00048	.00085	.0045	.00008
%RSD	.17402	.46540	.25088	.11573	.07395	.24950	.25198	.61404
#1	5.5180	.07128	.13766	1.6071	.65293	.33959	1.7703	.01267
#2	5.5372	.07121	.13704	1.6098	.65344	.33900	1.7669	.01271
#3	5.5274	.07182	.13709	1.6106	.65390	.34067	1.7757	.01282
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	.96890	.16778	.41123	.35613	3.4215	.12717	2.3433	.00880
Stddev	.00102	.00017	.00219	.00068	.0019	.00093	.0022	.00005
%RSD	.10529	.10156	.53207	.19230	.05599	.73277	.09278	.60908
#1	.96978	.16766	.40924	.35579	3.4197	.12635	2.3410	.00874
#2	.96778	.16770	.41087	.35567	3.4235	.12697	2.3454	.00882
#3	.96914	.16797	.41358	.35691	3.4213	.12818	2.3435	.00884
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	.14391	1.2742	.68644	1.0016	4.5581	.2511	31.051	2044.2
Stddev	.00013	.0109	.00156	.0038	.0169	.0003	.122	12.6
%RSD	.09037	.85800	.22731	.37958	.36965	.1283	.39312	.61845
#1	.14377	1.2866	.68642	1.0057	4.5775	.2513	31.183	2057.0
#2	.14396	1.2700	.68489	.99822	4.5478	.2513	30.942	2043.9
#3	.14401	1.2660	.68801	1.0009	4.5490	.2507	31.030	2031.7

Sample Name: S3 Acquired: 6/18/2019 13:28:30 Type: Cal
 Method: P4-ICP2(v3211) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-505.91
Stddev	7.83
%RSD	1.5477

#1	-512.08
#2	-508.54
#3	-497.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3236.8	41621.	3968.3	73.175	3339.5
Stddev	5.0	67.	19.8	2.327	5.7
%RSD	.15356	.16039	.49844	3.1804	.16973

#1	3234.1	41630.	3945.6	73.453	3339.1
#2	3233.8	41683.	3977.7	70.721	3334.1
#3	3242.5	41550.	3981.7	75.351	3345.4

Sample Name: S4 Acquired: 6/18/2019 13:32:29 Type: Cal
Method: P4-ICP2(v3211) 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	.35093	1.0587	1.8647	.43350	.80886	.07278	4.7971	.29074
Stddev	.00086	.0016	.0010	.00073	.00174	.00016	.0040	.00099
%RSD	.24473	.15518	.05241	.16919	.21562	.22490	.08430	.34221
#1	.35004	1.0603	1.8636	.43315	.80751	.07294	4.7924	.29117
#2	.35176	1.0589	1.8651	.43435	.81083	.07261	4.7995	.29144
#3	.35099	1.0570	1.8654	.43302	.80824	.07279	4.7993	.28960
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	11.485	.14588	.27632	3.3192	1.2996	.67955	3.5592	.02587
Stddev	.005	.00050	.00042	.0003	.0012	.00076	.0023	.00006
%RSD	.04245	.34558	.15060	.01038	.09101	.11220	.06351	.21952
#1	11.488	.14644	.27612	3.3191	1.3000	.68005	3.5591	.02594
#2	11.479	.14574	.27679	3.3189	1.3005	.67867	3.5615	.02585
#3	11.488	.14546	.27604	3.3196	1.2983	.67993	3.5570	.02583
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	2.0021	.33805	.83995	.72210	7.0891	.26118	4.7512	.01808
Stddev	.0016	.00019	.00022	.00048	.0026	.00067	.0050	.00014
%RSD	.08176	.05588	.02598	.06590	.03592	.25781	.10443	.74930
#1	2.0016	.33814	.84018	.72192	7.0862	.26194	4.7529	.01820
#2	2.0040	.33817	.83975	.72265	7.0911	.26064	4.7551	.01793
#3	2.0008	.33783	.83992	.72175	7.0901	.26097	4.7456	.01810
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	.30367	2.5314	1.4118	2.0311	9.2730	.5343	62.931	1948.5
Stddev	.00115	.0164	.0032	.0029	.0756	.0001	.485	20.3
%RSD	.37802	.64740	.22552	.14179	.81576	.0229	.77062	1.0433
#1	.30486	2.5170	1.4151	2.0285	9.1877	.5344	62.376	1952.2
#2	.30358	2.5492	1.4114	2.0342	9.3320	.5342	63.276	1966.8
#3	.30257	2.5280	1.4088	2.0306	9.2994	.5343	63.141	1926.6

Sample Name: S4 Acquired: 6/18/2019 13:32:29 Type: Cal
 Method: P4-ICP2(v3211) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-502.31
Stddev	6.20
%RSD	1.2346

#1	-498.65
#2	-509.47
#3	-498.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.0	40801.	3927.4	70.431	3185.3
Stddev	8.9	109.	16.8	1.031	5.8
%RSD	.28075	.26678	.42781	1.4638	.18061

#1	3172.6	40675.	3946.5	70.068	3180.8
#2	3171.2	40853.	3914.6	69.630	3183.2
#3	3187.3	40873.	3921.3	71.594	3191.8

Sample Name: S5 Acquired: 6/18/2019 13:36:29 Type: Cal
Method: P4-ICP2(v3211) 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	.71057	2.1442	3.8294	.87532	1.6318	.14607	9.7138	.58282
Stddev	.00194	.0038	.0096	.00184	.0042	.00074	.0930	.00357
%RSD	.27303	.17875	.25017	.21032	.25778	.50971	.95788	.61327
#1	.70886	2.1407	3.8199	.87322	1.6277	.14579	9.6066	.57876
#2	.71018	2.1437	3.8291	.87610	1.6315	.14691	9.7610	.58549
#3	.71268	2.1483	3.8391	.87664	1.6361	.14550	9.7738	.58422
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	23.680	.29050	.54383	6.8568	2.5757	1.3301	6.9758	.05181
Stddev	.053	.00353	.00426	.0144	.0068	.0092	.1065	.00045
%RSD	.22520	1.2164	.78245	.21079	.26513	.69478	1.5271	.87257
#1	23.635	.28797	.53892	6.8429	2.5684	1.3195	6.8559	.05136
#2	23.667	.29453	.54645	6.8559	2.5767	1.3345	7.0594	.05227
#3	23.739	.28898	.54612	6.8717	2.5819	1.3363	7.0122	.05179
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	4.1094	.67170	1.6920	1.4333	14.650	.52856	9.4625	.03628
Stddev	.0079	.00473	.0179	.0112	.026	.00490	.0125	.00031
%RSD	.19183	.70349	1.0605	.78012	.17866	.92685	.13253	.85407
#1	4.1033	.66627	1.6769	1.4204	14.630	.52639	9.4526	.03594
#2	4.1066	.67390	1.7118	1.4396	14.641	.53417	9.4584	.03655
#3	4.1183	.67492	1.6873	1.4399	14.680	.52513	9.4766	.03635
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	.64620	4.9823	2.8946	3.9873	18.466	1.126	124.09	1830.3
Stddev	.00155	.0392	.0043	.0572	.283	.002	.95	12.2
%RSD	.24049	.78738	.14870	1.4350	1.5346	.1473	.76159	.66426
#1	.64677	4.9978	2.8904	4.0024	18.565	1.126	124.47	1843.1
#2	.64444	5.0114	2.8943	4.0354	18.686	1.124	124.79	1828.8
#3	.64739	4.9377	2.8990	3.9240	18.146	1.128	123.02	1818.9

Sample Name: S5 Acquired: 6/18/2019 13:36:29 Type: Cal
Method: P4-ICP2(v3211) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-513.94
Stddev	5.56
%RSD	1.0821

#1	-507.83
#2	-515.29
#3	-518.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.5	40091.	3937.8	70.897	2975.2
Stddev	3.1	255.	53.8	1.343	2.4
%RSD	.10150	.63579	1.3671	1.8939	.07911

#1	3090.1	40322.	3908.4	69.633	2974.7
#2	3085.0	39818.	3905.0	70.750	2977.8
#3	3084.4	40133.	3999.9	72.307	2973.2

Sample Name: ICV01 Acquired: 6/18/2019 14:13:24 Type: Unk
Method: P4-ICP2(v3211) 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	.99083	1.0316	.97938	.99940	.98900	2.5254	.49751
Stddev	.01103	.0120	.01064	.01071	.00672	.0203	.00285
%RSD	1.1128	1.1673	1.0868	1.0714	.67904	.80292	.57256

#1	.97862	1.0184	.96715	.98762	.98127	2.5025	.49455
#2	.99381	1.0345	.98442	1.0020	.99339	2.5325	.50024
#3	1.0001	1.0420	.98657	1.0085	.99235	2.5412	.49773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49050	.47710	10.338	.50490	.49069	.51490	5.1661
Stddev	.00146	.00502	.099	.00153	.00449	.00579	.0084
%RSD	.29782	1.0515	.95978	.30373	.91507	1.1236	.16325

#1	.48964	.47138	10.228	.50316	.48564	.50822	5.1575
#2	.49218	.47916	10.365	.50550	.49223	.51826	5.1744
#3	.48967	.48075	10.421	.50605	.49421	.51823	5.1665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51596	5.9887	.49630	.51145	9.7990	.50030	1.0043
Stddev	.00092	.0339	.00557	.00169	.0458	.00102	.0104
%RSD	.17855	.56638	1.1223	.32969	.46750	.20396	1.0399

#1	.51620	5.9534	.48988	.51162	9.7599	.49975	.99249
#2	.51673	5.9915	.49931	.51304	9.8494	.50148	1.0083
#3	.51494	6.0211	.49972	.50968	9.7877	.49968	1.0122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9128	2.4855	2.4228	F .00743	F 2.3639	2.3924	2.4958
Stddev	.0749	.0283	.0125	.00299	.0075	.0303	.0125
%RSD	.75601	1.1374	.51411	40.297	.31700	1.2675	.50090

#1	9.8281	2.4539	2.4096	.00509	2.3701	2.3581	2.4878
#2	9.9400	2.4942	2.4245	.00640	2.3660	2.4034	2.4893
#3	9.9703	2.5084	2.4344	.01080	2.3556	2.4157	2.5102

Sample Name: ICV01 Acquired: 6/18/2019 14:13:24 Type: Unk
Method: P4-ICP2(v3211) 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 -.00102	F .0003	F .00641	F 2.9184	F 2.4922
Stddev	.00073	.0010	.00009	.2564	1.0029
%RSD	71.204	377.4	1.3327	8.7865	40.243
#1	-.00019	.0009	.00646	2.7764	3.1992
#2	-.00134	.0007	.00631	3.2145	2.9331
#3	-.00153	-.0009	.00646	2.7645	1.3444
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.2	41904.	3971.1	73.012	3407.5
Stddev	28.5	63.	9.5	1.249	31.3
%RSD	.87381	.14964	.23870	1.7104	.91926
#1	3286.6	41914.	3960.3	71.660	3440.4
#2	3255.2	41837.	3977.8	74.122	3404.1
#3	3229.8	41961.	3975.3	73.254	3378.0

Sample Name: LLICV01 Acquired: 6/18/2019 14:17:29 Type: Unk
Method: P4-ICP2(v3211) 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	.02352	.04340	.01431	.02085	.05678	.11719	.10856	.00677
Stddev	.00183	.00064	.00050	.00112	.00067	.01027	.00170	.00007
%RSD	7.7773	1.4764	3.4674	5.3598	1.1724	8.7639	1.5653	.98572
#1	.02295	.04292	.01381	.02200	.05720	.10763	.10663	.00681
#2	.02557	.04315	.01480	.01976	.05601	.11589	.10986	.00681
#3	.02204	.04413	.01433	.02080	.05712	.12805	.10917	.00669
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	2.0309	.01136	.03053	.02054	.11403	.02383	2.1610
Stddev	.00003	.0157	.00013	.00012	.00026	.00044	.00017	.0808
%RSD	.56857	.77066	1.1479	.39249	1.2897	.38461	.72735	3.7401
#1	.00608	2.0133	.01150	.03048	.02079	.11453	.02398	2.0752
#2	.00611	2.0432	.01135	.03044	.02026	.11375	.02364	2.1719
#3	.00615	2.0361	.01124	.03066	.02056	.11380	.02388	2.2358
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04160	.01145	2.0151	.04355	.04239	2.1427	.22133	.11167
Stddev	.00047	.00024	.0285	.00050	.00007	.0464	.00015	.00504
%RSD	1.1283	2.0951	1.4166	1.1384	.16337	2.1678	.06999	4.5149
#1	.04106	.01172	1.9828	.04318	.04239	2.1074	.22151	.10646
#2	.04189	.01127	2.0256	.04336	.04232	2.1953	.22122	.11204
#3	.04185	.01137	2.0370	.04412	.04245	2.1253	.22125	.11652
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02134	.40991	.04078	.04304	.02192	.0196	.02290	F 1.8406
Stddev	.00254	.00879	.00024	.00176	.00036	.0008	.00010	.1726
%RSD	11.892	2.1447	.59059	4.0978	1.6393	3.939	.42091	9.3787
#1	.01858	.42006	.04051	.04227	.02177	.0189	.02297	1.7426
#2	.02186	.40516	.04092	.04506	.02166	.0194	.02279	2.0399
#3	.02357	.40452	.04093	.04180	.02233	.0204	.02294	1.7392

Sample Name: LLICV01 Acquired: 6/18/2019 14:17:29 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3173
Stddev 1.8445
%RSD 79.596

#1 3.2104
#2 .19627
#3 3.5453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.1	42897.	4014.9	75.183	3595.8
Stddev	1.1	126.	28.0	1.469	3.0
%RSD	.03173	.29400	.69638	1.9537	.08328

#1	3319.2	43019.	3983.6	73.950	3595.8
#2	3318.1	42906.	4023.6	74.792	3592.7
#3	3317.1	42767.	4037.5	76.808	3598.7

Sample Name: ICB01 Acquired: 6/18/2019 14:21:53 Type: Unk
Method: P4-ICP2(v3211) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	.00117	.00070	-.00148	.00250	.00020	.00033	.00004
Stddev	.00101	.00020	.00089	.00169	.00135	.01198	.00061	.00002
%RSD	48.858	16.625	128.28	113.92	53.921	5893.9	182.24	48.687
#1	.00248	.00111	-.00033	.00010	.00371	-.00246	.00001	.00002
#2	.00091	.00102	.00111	-.00129	.00276	-.01022	.00104	.00005
#3	.00279	.00139	.00131	-.00325	.00104	.01329	-.00005	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.01331	.00015	.00030	.00063	.00093	.00031	-.02895
Stddev	.00005	.01052	.00046	.00025	.00012	.00019	.00000	.03228
%RSD	63.549	79.051	301.60	81.221	19.000	19.993	.52356	111.49
#1	.00002	-.01623	-.00034	.00003	.00070	.00111	.00031	-.00948
#2	.00009	-.02206	.00021	.00050	.00070	.00094	.00031	-.06620
#3	.00012	-.00164	.00059	.00038	.00049	.00074	.00031	-.01116
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00010	-.12252	.00007	-.00049	.02787	.00024	.01614
Stddev	.00025	.00020	.01370	.00008	.00003	.03011	.00013	.00381
%RSD	42.455	206.96	11.178	113.06	6.3836	108.02	51.852	23.599
#1	-.00051	-.00010	-.10849	.00005	-.00048	.00869	.00038	.01331
#2	-.00038	.00030	-.12323	.00000	-.00052	.06258	.00013	.02047
#3	-.00086	.00009	-.13585	.00015	-.00046	.01235	.00022	.01464
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	.00070	.00080	-.00216	-.00150	-.0011	.00005	F 1.9453
Stddev	.00166	.00168	.00022	.00035	.00078	.0009	.00002	.2652
%RSD	113.90	241.16	27.676	16.285	51.884	79.33	39.250	13.631
#1	-.00020	.00228	.00103	-.00179	-.00238	-.0011	.00003	2.1189
#2	-.00335	-.00106	.00059	-.00221	-.00121	-.0003	.00005	2.0769
#3	-.00084	.00087	.00078	-.00249	-.00091	-.0021	.00006	1.6400

Sample Name: ICB01 Acquired: 6/18/2019 14:21:53 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3721
Stddev 1.5776
%RSD 66.504

#1 .56435
#2 3.4701
#3 3.0819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.9	42593.	3945.4	73.614	3608.6
Stddev	1.8	108.	23.8	1.567	1.2
%RSD	.05311	.25453	.60396	2.1285	.03376

#1	3307.6	42539.	3921.1	72.917	3609.9
#2	3309.8	42718.	3946.2	72.517	3608.3
#3	3306.4	42524.	3968.8	75.408	3607.5

Sample Name: CRI01 Acquired: 6/18/2019 14:26:21 Type: Unk
Method: P4-ICP2(v3211) 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	.02097	.04347	.01405	.02032	.05474	.11811	.10765	.00673
Stddev	.00070	.00032	.00028	.00123	.00187	.00492	.00101	.00007
%RSD	3.3556	.74029	2.0220	6.0340	3.4083	4.1634	.93909	.97222
#1	.02120	.04381	.01435	.01925	.05452	.12373	.10692	.00672
#2	.02018	.04316	.01378	.02005	.05671	.11463	.10722	.00680
#3	.02152	.04345	.01403	.02166	.05300	.11596	.10880	.00667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.0293	.01080	.03055	.02070	.11303	.02377	2.0896
Stddev	.00007	.0124	.00036	.00034	.00022	.00075	.00015	.0509
%RSD	1.1605	.60912	3.2938	1.1029	1.0479	.66752	.62431	2.4363
#1	.00606	2.0431	.01096	.03020	.02080	.11321	.02394	2.1410
#2	.00612	2.0257	.01106	.03087	.02085	.11368	.02369	2.0391
#3	.00621	2.0191	.01040	.03060	.02045	.11220	.02368	2.0888
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04211	.01081	1.9863	.04350	.04236	2.1412	.22193	.11877
Stddev	.00025	.00056	.0075	.00007	.00023	.0295	.00026	.00684
%RSD	.59509	5.2138	.37893	.15143	.53755	1.3771	.11633	5.7573
#1	.04229	.01139	1.9787	.04344	.04224	2.1109	.22217	.11407
#2	.04221	.01076	1.9864	.04357	.04263	2.1428	.22165	.12661
#3	.04182	.01027	1.9937	.04351	.04223	2.1698	.22196	.11563
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01994	.40993	.04039	.04244	.02052	.0190	.02295	F 2.0926
Stddev	.00125	.00250	.00045	.00129	.00045	.0004	.00006	.1324
%RSD	6.2677	.60996	1.1127	3.0433	2.1799	2.102	.24759	6.3258
#1	.02136	.41281	.04083	.04392	.02000	.0185	.02290	2.1473
#2	.01946	.40825	.04041	.04190	.02077	.0193	.02295	1.9416
#3	.01900	.40874	.03993	.04150	.02078	.0191	.02301	2.1888

Sample Name: CRI01 Acquired: 6/18/2019 14:26:21 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2734
Stddev	1.2495
%RSD	54.960

#1	3.7017
#2	1.3826
#3	1.7359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.3	43034.	3999.1	74.506	3594.4
Stddev	4.8	154.	11.8	1.290	7.3
%RSD	.14606	.35817	.29554	1.7318	.20181

#1	3307.1	42856.	3995.0	73.267	3592.9
#2	3310.2	43108.	4012.4	74.408	3588.1
#3	3316.6	43136.	3989.9	75.842	3602.3

Sample Name: ICSA01 Acquired: 6/18/2019 14:30:46 Type: Unk
 Method: P4-ICP2(v3211) 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	.00500	.01376	-.00145	-.00139	.01293	290.02	.00668	.00092
Stddev	.00316	.00063	.00114	.00116	.00158	1.54	.00055	.00008
%RSD	63.180	4.5652	78.795	83.224	12.209	.53221	8.2397	8.1848
#1	.00359	.01319	-.00115	-.00171	.01344	288.27	.00713	.00086
#2	.00863	.01443	-.00272	-.00235	.01116	290.62	.00607	.00100
#3	.00280	.01366	-.00049	-.00011	.01420	291.17	.00684	.00089
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00360	272.25	.04994	-.00080	.01043	99.699	.01454	287.40
Stddev	.00014	1.58	.00012	.00021	.00039	.610	.00028	1.99
%RSD	3.9117	.57977	.23187	25.826	3.7386	.61175	1.9114	.69177
#1	-.00356	270.44	.04983	-.00082	.01035	99.430	.01463	285.11
#2	-.00376	273.31	.04994	-.00099	.01085	100.40	.01476	288.65
#3	-.00348	273.00	.05006	-.00058	.01008	99.269	.01423	288.44
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01577	-.00835	-.05459	.00167	-.01669	.01839	-.00120	.08513
Stddev	.00008	.00043	.00834	.00016	.00033	.01833	.00033	.01660
%RSD	.47818	5.1256	15.283	9.4467	1.9917	99.652	27.636	19.495
#1	-.01582	-.00787	-.06172	.00151	-.01665	-.00116	-.00116	.08580
#2	-.01580	-.00869	-.05663	.00168	-.01705	.03517	-.00154	.06821
#3	-.01568	-.00850	-.04541	.00182	-.01639	.02116	-.00088	.10138
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02020	-.00462	.00918	-.00279	.00269	.0042	.00153	5.0636
Stddev	.00367	.00203	.00067	.00175	.00095	.0009	.00049	.3321
%RSD	18.163	44.040	7.2510	62.643	35.234	20.69	31.953	6.5578
#1	.02291	-.00228	.00856	-.00155	.00264	.0044	.00208	5.0116
#2	.02165	-.00595	.00989	-.00479	.00176	.0033	.00114	5.4185
#3	.01602	-.00563	.00909	-.00204	.00366	.0050	.00138	4.7606

Sample Name: ICSA01 Acquired: 6/18/2019 14:30:46 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.1764
%RSD	6.5781

#1	-19.032
#2	-17.938
#3	-16.681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.9	37270.	3789.8	65.743	2815.4
Stddev	5.7	148.	41.4	2.018	5.9
%RSD	.19505	.39751	1.0919	3.0690	.20998

#1	2919.5	37307.	3761.6	65.469	2808.6
#2	2924.3	37107.	3770.4	63.877	2818.7
#3	2930.9	37397.	3837.3	67.884	2819.0

Sample Name: ICSAB01 Acquired: 6/18/2019 14:35:23 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11081	.12468	.05409	.05477	.65509	284.60	.57382	.57126
Stddev	.00256	.00104	.00277	.00231	.00130	.76	.00186	.00068
%RSD	2.3118	.83632	5.1208	4.2092	.19802	.26813	.32493	.11944
#1	.10869	.12575	.05152	.05443	.65624	285.43	.57463	.57093
#2	.11366	.12367	.05372	.05266	.65533	283.93	.57169	.57204
#3	.11008	.12461	.05703	.05723	.65368	284.44	.57514	.57080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0545	273.42	.58601	.52675	.53825	96.852	.55191	280.36
Stddev	.0011	.82	.00243	.00052	.00137	.655	.00034	.83
%RSD	.10782	.30136	.41417	.09892	.25403	.67614	.06189	.29731
#1	1.0542	274.28	.58556	.52645	.53983	97.308	.55156	281.22
#2	1.0557	273.34	.58863	.52736	.53735	97.147	.55224	280.30
#3	1.0535	272.64	.58384	.52645	.53758	96.102	.55193	279.55
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0441	.21472	-.06895	.54485	1.1199	-.00454	1.0502	1.1609
Stddev	.0013	.00065	.00806	.00058	.0007	.02598	.0009	.0087
%RSD	.12545	.30346	11.688	.10686	.06080	571.75	.08448	.74629
#1	1.0446	.21543	-.07767	.54472	1.1195	.01857	1.0499	1.1620
#2	1.0451	.21460	-.06740	.54435	1.1206	.00046	1.0512	1.1690
#3	1.0426	.21414	-.06177	.54549	1.1195	-.03266	1.0496	1.1518
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01710	.92864	1.0749	1.0335	F .00208	F .0040	F .00201	5.3617
Stddev	.00405	.00674	.0024	.0048	.00139	.0008	.00069	.2549
%RSD	23.678	.72587	.22099	.46495	66.997	20.00	34.540	4.7533
#1	.01983	.93227	1.0767	1.0326	.00067	.0047	.00133	5.0779
#2	.01245	.92086	1.0758	1.0387	.00346	.0042	.00197	5.5711
#3	.01903	.93278	1.0722	1.0292	.00211	.0031	.00272	5.4362

Sample Name: ICSAB01 Acquired: 6/18/2019 14:35:23 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.1638
%RSD 6.3865

#1 -16.949
#2 -18.487
#3 -19.231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.1	37962.	3850.7	67.156	2819.7
Stddev	5.6	181.	24.3	.343	6.9
%RSD	.18998	.47640	.63115	.51116	.24586

#1	2962.2	37772.	3838.1	67.541	2819.1
#2	2956.4	37983.	3835.3	67.046	2813.1
#3	2967.7	38132.	3878.7	66.881	2826.9

Sample Name: CCV01 Acquired: 6/18/2019 14:39:47 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0905	5.0730	4.9950	5.0989	5.0322	10.062	10.003	.25447
Stddev	.0105	.0196	.0081	.0138	.0161	.037	.019	.00079
%RSD	.20592	.38623	.16287	.27150	.31961	.36568	.19166	.30934
#1	5.0789	5.0512	4.9869	5.0868	5.0259	10.081	9.9835	.25525
#2	5.0934	5.0788	4.9949	5.0959	5.0203	10.086	10.002	.25448
#3	5.0993	5.0892	5.0031	5.1140	5.0505	10.020	10.022	.25367
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5149	25.347	1.0123	2.4922	1.2733	5.1230	2.5524	25.349
Stddev	.0048	.073	.0008	.0067	.0022	.0072	.0031	.079
%RSD	.18986	.28874	.07842	.26994	.17253	.14027	.12296	.31302
#1	2.5119	25.431	1.0131	2.4860	1.2713	5.1311	2.5549	25.426
#2	2.5125	25.311	1.0115	2.4914	1.2731	5.1206	2.5489	25.353
#3	2.5204	25.299	1.0124	2.4993	1.2757	5.1173	2.5536	25.267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5125	1.2609	25.142	2.5450	2.4826	25.307	5.0898	5.0591
Stddev	.0059	.0005	.029	.0039	.0051	.046	.0063	.0247
%RSD	.23559	.04156	.11697	.15363	.20456	.18102	.12418	.48879
#1	2.5058	1.2603	25.135	2.5454	2.4787	25.256	5.0854	5.0623
#2	2.5143	1.2613	25.117	2.5486	2.4808	25.319	5.0868	5.0330
#3	2.5173	1.2612	25.175	2.5408	2.4884	25.345	5.0970	5.0821
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0188	5.0480	5.0474	5.1226	5.0900	5.021	5.1055	F 3.7368
Stddev	.0111	.1209	.0123	.1201	.1324	.006	.1291	.2395
%RSD	.22029	2.3950	.24385	2.3440	2.6020	.1291	2.5290	6.4090
#1	5.0064	5.1869	5.0345	5.2602	5.2426	5.014	5.2538	3.8218
#2	5.0278	4.9666	5.0489	5.0388	5.0054	5.025	5.0184	3.4664
#3	5.0221	4.9905	5.0589	5.0689	5.0220	5.025	5.0442	3.9222

Sample Name: CCV01 Acquired: 6/18/2019 14:39:47 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7772
 Stddev .9187
 %RSD 33.081

#1 3.5629
 #2 1.7671
 #3 3.0016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3190.8	41048.	3925.9	71.501	3191.1
Stddev	9.4	23.	101.0	2.399	9.4
%RSD	.29603	.05492	2.5719	3.3550	.29551

#1	3193.0	41049.	3809.5	69.525	3195.9
#2	3199.0	41070.	3989.2	74.170	3197.1
#3	3180.5	41025.	3979.1	70.808	3180.2

Sample Name: LLCCV01 Acquired: 6/18/2019 14:49:21 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02131	.04162	.01367	.01838	.05401	.11560	.10027	.00625
Stddev	.00089	.00063	.00075	.00158	.00093	.00245	.00057	.00003
%RSD	4.1669	1.5123	5.4889	8.6048	1.7175	2.1210	.57119	.50108
#1	.02204	.04193	.01281	.01696	.05508	.11456	.09984	.00626
#2	.02156	.04090	.01405	.02008	.05352	.11840	.10092	.00621
#3	.02032	.04204	.01417	.01808	.05343	.11384	.10006	.00626
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	1.9373	.01038	.02848	.02233	.10639	.02225	1.9366
Stddev	.00007	.0091	.00032	.00008	.00017	.00124	.00009	.1069
%RSD	1.2851	.47121	3.0592	.27207	.75156	1.1627	.41647	5.5207
#1	.00569	1.9270	.01007	.02856	.02252	.10590	.02234	1.8235
#2	.00572	1.9445	.01070	.02847	.02219	.10779	.02227	2.0361
#3	.00583	1.9403	.01038	.02840	.02229	.10547	.02215	1.9502
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03866	.01028	1.8234	.04060	.03718	1.9758	.20662	.10883
Stddev	.00064	.00028	.0240	.00064	.00015	.0512	.00076	.00298
%RSD	1.6555	2.6774	1.3183	1.5807	.40929	2.5917	.36972	2.7385
#1	.03806	.01060	1.8083	.04016	.03730	1.9620	.20578	.10674
#2	.03858	.01014	1.8511	.04134	.03723	2.0325	.20727	.10750
#3	.03933	.01010	1.8108	.04031	.03701	1.9329	.20681	.11224
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01752	.38727	.03816	.03748	.02082	.0189	.02135	F 1.8821
Stddev	.00230	.00303	.00062	.00041	.00118	.0012	.00009	.4784
%RSD	13.116	.78358	1.6378	1.0965	5.6891	6.353	.43808	25.420
#1	.01970	.39011	.03888	.03715	.01971	.0202	.02138	2.2641
#2	.01772	.38764	.03780	.03794	.02207	.0179	.02124	1.3455
#3	.01512	.38407	.03779	.03734	.02069	.0186	.02142	2.0367

Sample Name: LLCCV01 Acquired: 6/18/2019 14:49:21 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5307
Stddev	.3180
%RSD	12.564

#1	2.8655
#2	2.2329
#3	2.4938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.9	42826.	3964.8	75.103	3599.1
Stddev	12.7	26.	27.7	1.471	9.8
%RSD	.38108	.05956	.69791	1.9584	.27159

#1	3331.0	42846.	3946.7	74.050	3591.7
#2	3319.6	42797.	3996.6	76.783	3595.5
#3	3345.0	42835.	3951.1	74.475	3610.2

Sample Name: CCB01 Acquired: 6/18/2019 14:53:48 Type: Unk
Method: P4-ICP2(v3211) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	.00089	.00238	.00012	.00191	-.00237	.00040	.00001
Stddev	.00091	.00093	.00050	.00223	.00088	.00770	.00048	.00004
%RSD	36.097	105.43	20.914	1903.9	45.911	324.72	120.27	463.75
#1	.00146	.00122	.00262	-.00242	.00175	.00421	-.00014	-.00003
#2	.00308	.00160	.00271	.00099	.00113	-.01084	.00057	.00006
#3	.00299	-.00017	.00181	.00178	.00286	-.00049	.00077	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01189	.00022	.00014	.00060	.00094	.00013	-.06035
Stddev	.00004	.00608	.00045	.00018	.00016	.00040	.00001	.02028
%RSD	151.05	51.149	205.68	123.62	25.864	42.254	6.9980	33.598
#1	.00008	.00585	.00073	.00029	.00078	.00106	.00013	-.07999
#2	.00002	.01181	-.00001	-.00006	.00048	.00126	.00013	-.03949
#3	-.00001	.01801	-.00007	.00020	.00055	.00049	.00014	-.06157
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00004	-.18349	.00003	-.00035	-.02743	.00002	.00247
Stddev	.00016	.00007	.00802	.00019	.00010	.03509	.00024	.00261
%RSD	43.276	179.79	4.3729	615.72	29.205	127.90	1066.8	105.80
#1	-.00020	-.00000	-.19266	.00024	-.00045	-.00763	-.00000	-.00032
#2	-.00051	.00001	-.17775	-.00014	-.00025	-.00673	-.00020	.00485
#3	-.00041	-.00013	-.18006	-.00000	-.00035	-.06794	.00028	.00288
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00012	.00049	.00018	.00017	-.0005	-.00001	F 2.2027
Stddev	.00227	.00103	.00010	.00075	.00140	.0010	.00005	.1338
%RSD	1367.7	873.08	20.399	410.31	810.98	199.3	1017.8	6.0742
#1	-.00242	.00077	.00047	.00096	-.00136	-.0002	-.00004	2.2193
#2	.00106	.00012	.00059	-.00053	.00138	.0003	.00005	2.3274
#3	.00186	-.00124	.00040	.00012	.00049	-.0017	-.00003	2.0614

Sample Name: CCB01 Acquired: 6/18/2019 14:53:48 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0012
Stddev .3904
%RSD 13.008

#1 3.3412
#2 3.0876
#3 2.5749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.4	43221.	3978.7	75.519	3639.6
Stddev	8.0	75.	26.1	1.995	10.4
%RSD	.23993	.17277	.65580	2.6421	.28528

#1	3352.6	43135.	3975.8	77.292	3651.2
#2	3338.4	43264.	3954.2	73.358	3631.0
#3	3339.1	43265.	4006.2	75.908	3636.7

Sample Name: K3329-01 Acquired: 6/18/2019 14:57:47 Type: Unk
Method: P4-ICP2(v3211) 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	.28468	.01382	2.3360	.01568	.01142	144.54	.74380
Stddev	.00442	.00156	.0081	.00169	.00028	.32	.00287
%RSD	1.5533	11.321	.34558	10.770	2.4154	.22398	.38526

#1	.28561	.01456	2.3407	.01575	.01169	144.83	.74627
#2	.28857	.01203	2.3407	.01396	.01144	144.59	.74447
#3	.27987	.01489	2.3267	.01733	.01114	144.19	.74066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00799	.00226	95.208	.15429	.14613	.50164	219.01
Stddev	.00009	.00011	.196	.00076	.00071	.00188	.80
%RSD	1.0926	4.7061	.20602	.49010	.48687	.37389	.36322

#1	.00798	.00220	95.408	.15393	.14572	.50012	219.17
#2	.00790	.00238	95.016	.15515	.14696	.50374	218.15
#3	.00808	.00219	95.199	.15377	.14573	.50107	219.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1694	52.673	.22386	-.02401	6.0951	.44441	1.3492
Stddev	.0344	.267	.00135	.00033	.0115	.00174	.0034
%RSD	.82464	.50723	.60486	1.3889	.18872	.39159	.25374

#1	4.1574	52.868	.22366	-.02389	6.1036	.44278	1.3465
#2	4.1427	52.782	.22531	-.02376	6.0997	.44421	1.3530
#3	4.2082	52.368	.22262	-.02439	6.0820	.44625	1.3479

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5431	.00373	.61449	2.2066	3.5720	.03105	1.9588
Stddev	.0343	.00035	.00865	.0047	.0480	.00170	.0181
%RSD	.45429	9.3622	1.4083	.21294	1.3426	5.4783	.92313

#1	7.5790	.00403	.61355	2.2049	3.5596	.03286	1.9657
#2	7.5397	.00335	.62358	2.2119	3.6249	.03081	1.9724
#3	7.5107	.00381	.60635	2.2030	3.5314	.02948	1.9383

Sample Name: K3329-01 Acquired: 6/18/2019 14:57:47 Type: Unk
 Method: P4-ICP2(v3211) 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	.14681	9.571	.00343	<.00000	F<.00000
Stddev	.00156	.024	.00416	.41479	1.5729
%RSD	1.0655	.2485	121.13	7.1237	1.4851
#1	.14813	9.576	.00332	-5.9761	-106.07
#2	.14722	9.593	.00765	-6.1389	-104.27
#3	.14508	9.546	-.00067	-5.3530	-107.40
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.8	49807.	4944.7	70.491	3060.4
Stddev	11.1	80.	45.8	.896	7.4
%RSD	.28874	.16075	.92659	1.2717	.24302
#1	3848.5	49736.	4958.6	70.029	3055.9
#2	3836.3	49894.	4893.5	69.919	3056.2
#3	3858.5	49791.	4981.9	71.524	3068.9

Sample Name: K3352-02 Acquired: 6/18/2019 15:02:23 Type: Unk
Method: P4-ICP2(v3211) 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	.00468	.00009	.00691	.00085	.00750	.82633	.14211	.00006
Stddev	.00049	.00046	.00062	.00150	.00060	.00300	.00079	.00005
%RSD	10.559	508.97	8.9248	175.50	7.9902	.36357	.55342	84.599

#1	.00517	.00061	.00622	-.00033	.00682	.82944	.14181	.00004
#2	.00469	-.00010	.00712	.00254	.00775	.82344	.14300	.00013
#3	.00418	-.00024	.00740	.00035	.00794	.82611	.14152	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	6.1632	.00132	.00039	.00478	1.6654	.06043	.50239
Stddev	.00007	.0537	.00014	.00005	.00025	.0039	.00003	.00669
%RSD	47.891	.87122	10.557	14.252	5.2650	.23525	.04776	1.3314

#1	-.00022	6.1025	.00146	.00044	.00501	1.6626	.06045	.50936
#2	-.00013	6.2047	.00132	.00033	.00481	1.6638	.06044	.50179
#3	-.00008	6.1823	.00118	.00038	.00451	1.6699	.06040	.49602

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	-.00008	285.51	.00799	.04827	2.3869	.00050	.02648
Stddev	.00020	.00052	2.57	.00019	.00019	.0341	.00008	.00168
%RSD	16.058	633.13	.90116	2.4346	.40388	1.4292	16.129	6.3549

#1	-.00102	-.00033	283.53	.00783	.04848	2.3636	.00059	.02496
#2	-.00134	-.00044	284.59	.00820	.04810	2.4261	.00045	.02828
#3	-.00140	.00052	288.42	.00793	.04823	2.3711	.00046	.02618

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16800	.83150	.00142	.00700	.00381	.0087	.02792	4.2583
Stddev	.00355	.01332	.00038	.00030	.00128	.0016	.00008	.1199
%RSD	2.1116	1.6022	26.799	4.3498	33.488	17.90	.28080	2.8166

#1	.16416	.84508	.00111	.00666	.00235	.0100	.02801	4.2394
#2	.17115	.81845	.00130	.00709	.00439	.0091	.02788	4.3866
#3	.16868	.83098	.00184	.00725	.00470	.0070	.02786	4.1490

Sample Name: K3352-02 Acquired: 6/18/2019 15:02:23 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.8846
Stddev	2.7642
%RSD	27.965

#1	11.455
#2	6.6930
#3	11.506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.5	40431.	3950.9	72.744	3149.7
Stddev	10.0	204.	46.3	1.478	6.3
%RSD	.31913	.50570	1.1711	2.0321	.20016

#1	3137.1	40352.	3904.1	72.308	3146.4
#2	3148.1	40664.	3996.6	74.392	3145.6
#3	3157.2	40279.	3951.9	71.533	3156.9

Sample Name: K3352-04 Acquired: 6/18/2019 15:06:56 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00178	.00273	.00440	.00630	6.7941	.11251	.00053
Stddev	.00237	.00048	.00068	.00147	.00081	.1440	.00167	.00003
%RSD	124.77	26.994	24.781	33.496	12.873	2.1190	1.4842	5.8561

#1	.00455	.00144	.00291	.00409	.00537	6.6375	.11060	.00053
#2	.00117	.00233	.00331	.00601	.00669	6.8241	.11328	.00056
#3	-.00002	.00158	.00199	.00311	.00685	6.9207	.11366	.00050

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	13.717	.01485	.00281	.01218	39.550	.19480	.81076
Stddev	.00006	.155	.00034	.00008	.00022	.272	.00049	.04196
%RSD	2.8236	1.1270	2.2960	2.8906	1.7865	.68665	.25188	5.1751

#1	-.00191	13.542	.01499	.00287	.01243	39.252	.19463	.78078
#2	-.00201	13.777	.01510	.00283	.01203	39.613	.19442	.85871
#3	-.00201	13.833	.01446	.00271	.01209	39.784	.19535	.79279

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00343	-.00248	299.07	.01447	.03257	.73839	-.00002	.04848
Stddev	.00030	.00065	1.68	.00053	.00048	.03337	.00008	.00442
%RSD	8.8154	26.215	.56302	3.6770	1.4864	4.5199	493.70	9.1150

#1	.00372	-.00225	297.14	.01386	.03306	.70137	-.00011	.04516
#2	.00346	-.00199	299.80	.01482	.03257	.74764	.00005	.04679
#3	.00312	-.00322	300.26	.01474	.03209	.76617	.00001	.05350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21985	6.8069	.00244	.14137	.01301	.0346	-.00654	4.0096
Stddev	.00246	.3536	.00049	.01405	.00223	.0004	.00237	.1570
%RSD	1.1194	5.1952	19.917	9.9418	17.146	1.144	36.279	3.9163

#1	.21725	6.4188	.00300	.12607	.01068	.0349	-.00907	4.1726
#2	.22214	6.8913	.00221	.14435	.01321	.0342	-.00619	3.8593
#3	.22016	7.1108	.00211	.15370	.01513	.0348	-.00437	3.9970

Sample Name: K3352-04 Acquired: 6/18/2019 15:06:56 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3073
Stddev .2838
%RSD 12.302

#1 2.2208
#2 2.0769
#3 2.6244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.1	40398.	4177.7	74.933	3121.3
Stddev	11.1	62.	235.2	5.827	12.0
%RSD	.35315	.15414	5.6287	7.7759	.38318

#1	3144.7	40352.	4436.0	81.142	3110.2
#2	3160.3	40373.	4120.9	74.075	3119.8
#3	3166.3	40469.	3976.1	69.583	3134.0

Sample Name: K3348-01 Acquired: 6/18/2019 15:11:37 Type: Unk
Method: P4-ICP2(v3211) 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	.00159	.00256	.01052	.00127	-.00355	.11675	.02595	-.00001
Stddev	.00021	.00030	.00101	.00150	.00147	.00651	.00048	.00003
%RSD	13.249	11.648	9.6121	117.42	41.318	5.5767	1.8684	265.14

#1	.00159	.00248	.01065	.00296	-.00524	.11321	.02624	-.00004
#2	.00138	.00231	.01147	.00077	-.00269	.12426	.02539	-.00002
#3	.00180	.00289	.00946	.00009	-.00271	.11277	.02622	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	9.8563	.03086	.00721	.17195	.73320	.37591	3.4400
Stddev	.00002	.0485	.00050	.00017	.00036	.00203	.00059	.0240
%RSD	7.4401	.49204	1.6065	2.3422	.21011	.27669	.15706	.69866

#1	-.00031	9.8430	.03045	.00711	.17159	.73538	.37580	3.4141
#2	-.00031	9.9101	.03073	.00712	.17197	.73138	.37655	3.4443
#3	-.00036	9.8159	.03141	.00741	.17231	.73283	.37539	3.4615

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96411	-.00013	F 1883.8	.00005	.10074	F 1014.5	.00409	F 41.691
Stddev	.00371	.00026	31.7	.00011	.00055	5.9	.00007	.122
%RSD	.38434	202.75	1.6833	219.42	.54888	.58248	1.7098	.29372

#1	.96838	-.00004	1918.8	.00005	.10124	1021.2	.00411	41.752
#2	.96224	-.00042	1875.8	.00016	.10014	1009.9	.00401	41.772
#3	.96171	.00007	1856.9	-.00006	.10084	1012.5	.00414	41.550

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1399.7	8.4304	-.52394	-.00004	.07316	5.068	.11039	7.8787
Stddev	2.7	.0582	.00030	.00009	.00264	.013	.00015	.0616
%RSD	.18935	.69072	.05784	262.69	3.6024	.2588	.13613	.78227

#1	1402.2	8.3646	-.52411	.00003	.07032	5.072	.11041	7.9480
#2	1396.9	8.4753	-.52359	.00000	.07364	5.079	.11053	7.8299
#3	1399.9	8.4514	-.52412	-.00014	.07552	5.053	.11023	7.8582

Sample Name: K3348-01 Acquired: 6/18/2019 15:11:37 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.803
Stddev .571
%RSD 5.2901

#1 10.163
#2 11.262
#3 10.984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.4	35253.	3918.6	71.039	2586.6
Stddev	12.3	113.	22.3	1.683	6.9
%RSD	.44018	.31951	.56807	2.3691	.26560

#1	2804.1	35354.	3943.5	72.783	2593.4
#2	2786.7	35272.	3911.7	70.908	2586.6
#3	2780.4	35131.	3900.6	69.425	2579.7

Sample Name: K3348-01DUP Acquired: 6/18/2019 15:16:10 Type: Unk
Method: P4-ICP2(v3211) 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	.00395	.00262	.00993	.00312	-.00514	.10622	.02648	-.00002
Stddev	.00082	.00064	.00058	.00251	.00066	.00576	.00031	.00005
%RSD	20.656	24.278	5.8635	80.272	12.763	5.4264	1.1626	237.56
#1	.00303	.00271	.00936	.00023	-.00546	.09964	.02650	.00001
#2	.00425	.00321	.00991	.00442	-.00439	.10863	.02617	.00000
#3	.00458	.00195	.01052	.00471	-.00558	.11039	.02678	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	10.047	.03022	.00724	.17351	.73362	.37825	3.4219
Stddev	.00006	.031	.00012	.00026	.00035	.00387	.00026	.0377
%RSD	16.681	.30420	.39346	3.5878	.19992	.52743	.06831	1.1030
#1	-.00028	10.033	.03029	.00715	.17312	.73309	.37797	3.3785
#2	-.00036	10.025	.03029	.00754	.17364	.73773	.37830	3.4467
#3	-.00039	10.082	.03009	.00705	.17378	.73004	.37848	3.4406
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97468	-.00035	1722.0	.00050	.09644	F 1018.9	.00451	F 42.617
Stddev	.00355	.00030	30.2	.00017	.00007	8.5	.00027	.147
%RSD	.36404	85.053	1.7518	33.311	.07407	.83513	5.8963	.34452
#1	.97878	-.00012	1732.1	.00052	.09639	1024.9	.00479	42.448
#2	.97248	-.00025	1745.8	.00033	.09653	1022.6	.00426	42.701
#3	.97279	-.00069	1688.0	.00066	.09641	1009.2	.00448	42.703
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1426.1	8.3877	-.53442	-.00091	.07294	5.185	.11202	8.0007
Stddev	3.1	.0456	.00090	.00087	.00114	.013	.00034	.2173
%RSD	.21424	.54300	.16750	95.021	1.5626	.2593	.30063	2.7163
#1	1429.5	8.4391	-.53543	-.00005	.07217	5.198	.11163	7.7853
#2	1425.0	8.3719	-.53370	-.00091	.07425	5.186	.11222	7.9968
#3	1423.7	8.3522	-.53414	-.00178	.07241	5.171	.11220	8.2199

Sample Name: K3348-01DUP Acquired: 6/18/2019 15:16:10 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.9673
Stddev	1.0130
%RSD	11.297

#1	8.5772
#2	8.2074
#3	10.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.3	34746.	3918.4	71.603	2536.7
Stddev	1.4	119.	22.9	2.036	4.3
%RSD	.05030	.34205	.58433	2.8434	.16922

#1	2736.9	34611.	3895.2	69.392	2533.3
#2	2735.0	34796.	3918.9	72.017	2541.5
#3	2734.2	34833.	3941.0	73.400	2535.2

Sample Name: K3348-01LX5 Acquired: 6/18/2019 15:20:43 Type: Unk
Method: P4-ICP2(v3211) 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	.00196	.00182	.00622	-.00295	.00007	.03266	.00436	.00003
Stddev	.00039	.00058	.00079	.00036	.00094	.00429	.00058	.00007
%RSD	20.057	31.938	12.635	12.071	1382.4	13.145	13.332	267.35
#1	.00158	.00247	.00564	-.00257	.00049	.02780	.00373	-.00004
#2	.00194	.00162	.00711	-.00299	.00073	.03426	.00487	.00002
#3	.00236	.00136	.00590	-.00328	-.00101	.03593	.00448	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	1.8627	.00634	.00157	.03693	.15142	.07691	.62188
Stddev	.00006	.0144	.00007	.00038	.00032	.00034	.00049	.01007
%RSD	53.329	.77469	1.1816	23.909	.85965	.22490	.63649	1.6188
#1	-.00015	1.8501	.00633	.00127	.03714	.15117	.07635	.63351
#2	-.00005	1.8596	.00642	.00144	.03708	.15128	.07709	.61603
#3	-.00017	1.8784	.00627	.00199	.03656	.15180	.07727	.61611
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19213	-.00044	388.46	.00009	.01778	188.73	.00094	7.8942
Stddev	.00082	.00054	4.01	.00031	.00007	1.00	.00034	.0333
%RSD	.42932	123.85	1.0320	355.17	.39875	.52725	36.615	.42240
#1	.19308	-.00080	384.52	.00040	.01770	187.66	.00091	7.8885
#2	.19174	.00019	392.54	-.00022	.01781	188.91	.00130	7.8641
#3	.19158	-.00069	388.31	.00008	.01782	189.63	.00061	7.9301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 316.74	1.8189	-.11843	-.00079	.02583	.9307	.02275	5.5102
Stddev	1.19	.0077	.00068	.00169	.00226	.0035	.00002	.1132
%RSD	.37681	.42227	.57179	213.57	8.7486	.3741	.10636	2.0539
#1	317.70	1.8111	-.11921	-.00058	.02724	.9346	.02278	5.6029
#2	317.12	1.8191	-.11811	.00078	.02704	.9291	.02274	5.3841
#3	315.41	1.8264	-.11798	-.00258	.02323	.9282	.02273	5.5437

Sample Name: K3348-01LX5 Acquired: 6/18/2019 15:20:43 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.1595
Stddev	1.4862
%RSD	16.226

#1	7.4722
#2	10.274
#3	9.7322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2993.9	38169.	3852.3	69.804	2930.1
Stddev	8.8	38.	14.3	1.174	9.6
%RSD	.29521	.10001	.37186	1.6817	.32785

#1	2983.9	38131.	3843.5	68.510	2919.0
#2	3000.8	38207.	3868.8	70.800	2936.1
#3	2996.9	38169.	3844.6	70.103	2935.2

Sample Name: K3348-01MS Acquired: 6/18/2019 15:25:15 Type: Unk
Method: P4-ICP2(v3211) 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	.87990	1.9329	1.0259	2.3805	.83240	2.4788	.26408	.22566
Stddev	.00580	.0079	.0009	.0066	.00340	.0186	.00228	.00051
%RSD	.65966	.40968	.08979	.27592	.40815	.74923	.86429	.22564
#1	.87329	1.9321	1.0248	2.3737	.83131	2.4980	.26577	.22623
#2	.88225	1.9255	1.0264	2.3810	.82969	2.4610	.26499	.22527
#3	.88416	1.9412	1.0264	2.3868	.83621	2.4774	.26148	.22547
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21546	11.471	.44236	.21946	.47163	3.8574	.58004	5.7167
Stddev	.00014	.056	.00089	.00019	.00131	.0027	.00058	.0304
%RSD	.06708	.48468	.20078	.08663	.27812	.07078	.09944	.53204
#1	.21535	11.511	.44190	.21952	.47014	3.8605	.58061	5.7495
#2	.21541	11.494	.44339	.21962	.47211	3.8552	.58007	5.6895
#3	.21563	11.408	.44180	.21925	.47263	3.8566	.57946	5.7111
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5001	.08224	1696.4	.32460	.30226	F 1000.7	.41001	F 41.854
Stddev	.0010	.00035	48.8	.00016	.00022	12.2	.00077	.291
%RSD	.06670	.42020	2.8765	.04979	.07231	1.2199	.18662	.69450
#1	1.4998	.08186	1744.5	.32465	.30216	1011.5	.40926	42.189
#2	1.5013	.08233	1697.7	.32442	.30211	1003.3	.40998	41.695
#3	1.4994	.08254	1646.9	.32472	.30251	987.45	.41079	41.677
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1400.9	9.2795	.22246	.20174	.33471	F 12.45	.31826	8.3127
Stddev	3.3	.0605	.00030	.00256	.00147	.02	.00062	.2442
%RSD	.23327	.65152	.13662	1.2679	.43957	.1726	.19600	2.9375
#1	1403.4	9.2200	.22211	.20235	.33367	12.43	.31756	8.5946
#2	1397.2	9.2775	.22264	.20393	.33639	12.45	.31875	8.1766
#3	1402.0	9.3409	.22264	.19893	.33407	12.47	.31847	8.1669

Sample Name: K3348-01MS Acquired: 6/18/2019 15:25:15 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0283
Stddev	.6136
%RSD	10.178

#1	6.7368
#2	5.6741
#3	5.6741

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.6	34853.	3826.7	70.319	2548.2
Stddev	3.7	72.	18.1	.781	4.9
%RSD	.13376	.20567	.47366	1.1108	.19075

#1	2745.7	34772.	3843.9	69.680	2543.5
#2	2750.0	34877.	3828.5	70.087	2547.9
#3	2753.0	34909.	3807.8	71.190	2553.2

Sample Name: K3348-01MSD Acquired: 6/18/2019 15:29:36 Type: Unk
Method: P4-ICP2(v3211) 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	.88133	1.9399	1.0308	2.3955	.84242	2.4958	.26920	.22609
Stddev	.00097	.0034	.0028	.0040	.00212	.0173	.00058	.00018
%RSD	.10969	.17484	.27243	.16733	.25136	.69488	.21689	.08130
#1	.88032	1.9361	1.0307	2.3915	.84368	2.5159	.26964	.22622
#2	.88141	1.9423	1.0337	2.3956	.84359	2.4861	.26942	.22617
#3	.88225	1.9415	1.0281	2.3995	.83997	2.4855	.26854	.22588
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21621	11.582	.44302	.22082	.47364	3.8641	.58265	5.7125
Stddev	.00030	.106	.00296	.00058	.00012	.0157	.00047	.0743
%RSD	.13757	.91484	.66839	.26362	.02601	.40591	.08028	1.3014
#1	.21607	11.582	.43965	.22147	.47357	3.8460	.58233	5.7004
#2	.21655	11.687	.44416	.22036	.47378	3.8730	.58243	5.7922
#3	.21601	11.475	.44523	.22061	.47357	3.8733	.58318	5.6450
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5027	.08270	1652.4	.32626	.30375	F 1002.2	.40993	F 42.363
Stddev	.0008	.00100	55.2	.00171	.00079	1.8	.00124	.357
%RSD	.05258	1.2051	3.3432	.52487	.26168	.18364	.30205	.84313
#1	1.5024	.08174	1711.5	.32487	.30436	1000.2	.41008	42.580
#2	1.5036	.08262	1602.0	.32817	.30403	1003.8	.40862	42.558
#3	1.5022	.08373	1643.7	.32573	.30285	1002.6	.41108	41.951
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1405.7	9.1659	.22139	.20389	.33601	F 12.51	.31754	8.6271
Stddev	2.3	.0970	.00254	.00313	.00259	.03	.00242	.2091
%RSD	.16060	1.0578	1.1472	1.5370	.77226	.2707	.76214	2.4239
#1	1403.2	9.0626	.21880	.20041	.33400	12.49	.31496	8.8575
#2	1407.5	9.1802	.22388	.20650	.33894	12.55	.31792	8.5743
#3	1406.4	9.2550	.22149	.20476	.33510	12.49	.31975	8.4494

Sample Name: K3348-01MSD Acquired: 6/18/2019 15:29:36 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0343
Stddev .3423
%RSD 6.8004

#1 5.1442
#2 5.3082
#3 4.6504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.2	34655.	3865.3	69.724	2531.3
Stddev	3.2	45.	33.1	1.564	.4
%RSD	.11532	.12953	.85749	2.2425	.01762

#1	2729.1	34695.	3897.1	70.411	2530.8
#2	2735.4	34607.	3867.7	70.827	2531.4
#3	2731.9	34662.	3831.0	67.935	2531.7

Sample Name: K3348-01A Acquired: 6/18/2019 15:33:57 Type: Unk
Method: P4-ICP2(v3211) 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	.88611	1.9482	1.0262	2.4097	.83673	2.4913	.26808	.22491
Stddev	.00141	.0014	.0007	.0084	.00455	.0257	.00047	.00040
%RSD	.15874	.07298	.07137	.34789	.54363	1.0303	.17484	.17878
#1	.88449	1.9474	1.0265	2.4031	.83200	2.4767	.26815	.22447
#2	.88707	1.9498	1.0267	2.4070	.83712	2.4762	.26758	.22527
#3	.88676	1.9474	1.0253	2.4191	.84108	2.5209	.26851	.22499
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21519	11.680	.44224	.21966	.47112	3.8418	.57959	5.7411
Stddev	.00022	.010	.00114	.00023	.00064	.0014	.00075	.0935
%RSD	.10066	.08147	.25689	.10510	.13527	.03622	.12923	1.6279
#1	.21526	11.672	.44135	.21980	.47052	3.8407	.57949	5.6393
#2	.21536	11.690	.44352	.21978	.47179	3.8414	.58039	5.7609
#3	.21495	11.677	.44185	.21939	.47104	3.8434	.57890	5.8231
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4979	.08257	1632.1	.32420	.31241	990.34	.41066	F 42.193
Stddev	.0024	.00039	56.3	.00055	.00015	5.97	.00108	.094
%RSD	.16188	.47455	3.4509	.16867	.04960	.60234	.26351	.22214
#1	1.4971	.08264	1691.3	.32473	.31224	987.85	.40945	42.090
#2	1.5006	.08292	1579.2	.32425	.31254	986.02	.41101	42.215
#3	1.4960	.08214	1625.9	.32363	.31247	997.15	.41153	42.274
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1420.2	9.1584	.21895	.20252	.33338	F 12.52	.31704	8.5345
Stddev	3.3	.0449	.00431	.00136	.00092	.00	.00139	.0280
%RSD	.23535	.49077	1.9693	.67178	.27461	.0245	.43719	.32781
#1	1421.4	9.1777	.21437	.20095	.33373	12.52	.31627	8.5652
#2	1422.8	9.1905	.21955	.20340	.33234	12.52	.31864	8.5105
#3	1416.5	9.1071	.22293	.20320	.33408	12.52	.31620	8.5277

Sample Name: K3348-01A Acquired: 6/18/2019 15:33:57 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1014
Stddev	1.3355
%RSD	21.888

#1	7.5704
#2	4.9605
#3	5.7733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.8	34517.	3861.3	70.231	2530.3
Stddev	5.1	52.	17.8	.936	4.1
%RSD	.18850	.14951	.46140	1.3326	.16037

#1	2730.9	34575.	3863.6	69.381	2529.2
#2	2724.1	34477.	3842.5	71.234	2527.0
#3	2734.3	34499.	3877.9	70.079	2534.8

Sample Name: PB120714BL Acquired: 6/18/2019 15:38:18 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	.00147	.00149	-.00217	.00164	.02355	-.00001	.00001
Stddev	.00148	.00018	.00036	.00136	.00059	.00317	.00034	.00005
%RSD	147.50	12.400	24.381	62.452	36.141	13.462	3279.7	538.90
#1	.00025	.00158	.00191	-.00167	.00176	.02012	.00037	.00002
#2	.00005	.00157	.00124	-.00371	.00100	.02638	-.00011	-.00005
#3	.00271	.00126	.00132	-.00114	.00217	.02413	-.00029	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.01282	.00011	.00016	.00056	.00155	-.00008	-.05089
Stddev	.00005	.01539	.00015	.00012	.00019	.00050	.00003	.03555
%RSD	51.640	120.00	133.57	74.957	33.924	32.243	36.139	69.850
#1	.00014	.02450	.00022	.00028	.00048	.00125	-.00009	-.06913
#2	.00004	.01859	-.00006	.00017	.00042	.00212	-.00005	-.07362
#3	.00013	-.00461	.00019	.00004	.00077	.00127	-.00010	-.00993
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00007	F 3.9504	-.00001	-.00057	F 3.5392	.00065	F .17081
Stddev	.00030	.00022	.2694	.00032	.00004	.3071	.00018	.01393
%RSD	317.07	294.54	6.8194	2178.2	6.5107	8.6780	26.827	8.1568
#1	.00019	.00016	4.2265	-.00033	-.00053	3.8662	.00064	.18561
#2	-.00040	-.00028	3.9363	-.00002	-.00059	3.4944	.00049	.16888
#3	-.00008	-.00010	3.6882	.00031	-.00059	3.2569	.00084	.15794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .64323	.00261	-.00004	-.00090	F .00877	.0047	.00007	F 2.2616
Stddev	.04130	.00155	.00040	.00030	.00119	.0001	.00006	.3279
%RSD	6.4207	59.494	1065.7	33.976	13.612	3.000	92.113	14.498
#1	.68600	.00170	-.00001	-.00095	.00992	.0045	.00013	1.8991
#2	.64010	.00173	.00035	-.00117	.00753	.0047	.00002	2.5376
#3	.60358	.00440	-.00045	-.00057	.00886	.0048	.00005	2.3480

Sample Name: PB120714BL Acquired: 6/18/2019 15:38:18 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .74223
Stddev 1.2549
%RSD 169.08

#1 -.70487
#2 1.5312
#3 1.4004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.6	42696.	3960.0	73.547	3571.8
Stddev	6.9	67.	34.3	1.306	6.6
%RSD	.20960	.15605	.86681	1.7755	.18585

#1	3283.2	42621.	3923.1	72.583	3568.8
#2	3286.3	42748.	3966.0	73.025	3567.2
#3	3296.4	42720.	3990.9	75.033	3579.4

Sample Name: CCV02 Acquired: 6/18/2019 15:42:46 Type: Unk
Method: P4-ICP2(v3211) 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	4.9301	4.9866	4.8196	4.9829	4.9229	9.9715	9.8725	.24686
Stddev	.0066	.0104	.0058	.0068	.0173	.0966	.0560	.00051
%RSD	.13456	.20899	.12085	.13718	.35208	.96903	.56679	.20489
#1	4.9325	4.9918	4.8263	4.9890	4.9113	9.8607	9.8141	.24632
#2	4.9352	4.9933	4.8166	4.9843	4.9428	10.016	9.8779	.24694
#3	4.9226	4.9746	4.8158	4.9755	4.9145	10.038	9.9256	.24732
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4458	25.040	.98448	2.4222	1.2469	4.9856	2.4958	24.634
Stddev	.0018	.200	.00245	.0023	.0031	.0145	.0050	.187
%RSD	.07223	.79883	.24886	.09542	.24797	.29152	.20169	.75914
#1	2.4477	24.816	.98302	2.4247	1.2495	4.9691	2.4910	24.420
#2	2.4455	25.104	.98310	2.4219	1.2478	4.9912	2.4954	24.720
#3	2.4442	25.200	.98731	2.4201	1.2435	4.9965	2.5010	24.762
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4625	1.2409	25.342	2.4943	2.4028	26.194	4.9681	4.9815
Stddev	.0014	.0014	.166	.0036	.0017	.072	.0060	.0531
%RSD	.05684	.11647	.65618	.14383	.06924	.27342	.12117	1.0657
#1	2.4637	1.2425	25.176	2.4926	2.4046	26.134	4.9706	4.9300
#2	2.4610	1.2404	25.342	2.4918	2.4026	26.175	4.9724	4.9785
#3	2.4629	1.2398	25.509	2.4984	2.4013	26.273	4.9612	5.0361
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.7924	4.9062	4.9376	4.8693	5.1672	4.951	4.9746	F 3.9595
Stddev	.0525	.0259	.0093	.0090	.0005	.012	.0025	.0189
%RSD	.90719	.52806	.18863	.18401	.01002	.2347	.04981	.47806
#1	5.8391	4.9353	4.9451	4.8795	5.1668	4.965	4.9771	3.9807
#2	5.8025	4.8856	4.9406	4.8658	5.1678	4.946	4.9722	3.9442
#3	5.7355	4.8977	4.9272	4.8627	5.1672	4.944	4.9744	3.9535

Sample Name: CCV02 Acquired: 6/18/2019 15:42:46 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .73964
Stddev	.83144
%RSD	112.41

#1	1.5930
#2	-.06799
#3	.69392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.2	40635.	3923.0	69.481	3149.6
Stddev	12.7	68.	18.8	1.581	14.4
%RSD	.40321	.16808	.47971	2.2754	.45582

#1	3130.8	40650.	3901.3	68.430	3137.1
#2	3137.6	40695.	3934.2	68.714	3146.5
#3	3155.3	40561.	3933.6	71.299	3165.3

Sample Name: CCB02 Acquired: 6/18/2019 15:56:34 Type: Unk
Method: P4-ICP2(v3211) 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	-.00078	.00130	.00074	-.00101	.00050	.02938	-.00031	.00011
Stddev	.00070	.00101	.00027	.00195	.00080	.01464	.00035	.00004
%RSD	90.571	77.855	36.659	192.49	160.38	49.816	112.16	37.030
#1	-.00119	.00213	.00104	.00088	.00142	.01773	.00009	.00016
#2	.00004	.00017	.00069	-.00091	.00010	.02461	-.00051	.00010
#3	-.00118	.00159	.00050	-.00301	-.00002	.04581	-.00052	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00664	.00027	.00021	.00036	.00050	-.00003	-.06733
Stddev	.00004	.01463	.00012	.00021	.00041	.00014	.00006	.06263
%RSD	23.308	220.49	45.581	96.571	111.91	27.857	178.77	93.019
#1	.00019	-.01458	.00031	.00040	.00033	.00066	-.00000	.00080
#2	.00018	.01025	.00038	-.00001	.00079	.00039	.00001	-.08039
#3	.00012	-.01558	.00013	.00025	-.00002	.00046	-.00010	-.12241
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00025	.50142	-.00011	-.00060	.41635	.00020	.04822
Stddev	.00032	.00043	.01313	.00026	.00006	.02916	.00006	.00917
%RSD	61.046	172.58	2.6185	238.60	9.1573	7.0029	29.759	19.008
#1	.00032	.00001	.50916	.00001	-.00065	.43926	.00026	.05366
#2	.00036	-.00074	.48626	-.00041	-.00062	.38353	.00014	.03764
#3	.00089	-.00001	.50884	.00007	-.00054	.42626	.00020	.05337
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .31042	.00356	-.00037	-.00079	.00096	.0007	.00007	1.4025
Stddev	.01258	.00127	.00044	.00113	.00121	.0022	.00009	.0597
%RSD	4.0531	35.776	118.51	143.10	125.68	310.8	139.03	4.2558
#1	.32097	.00499	-.00007	-.00056	.00198	-.0017	.00008	1.3563
#2	.31380	.00314	-.00017	-.00202	-.00037	.0025	-.00003	1.4699
#3	.29649	.00255	-.00088	.00021	.00127	.0012	.00015	1.3813

Sample Name: CCB02 Acquired: 6/18/2019 15:56:34 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.84035
Stddev	.31501
%RSD	37.486

#1	1.0217
#2	.47661
#3	1.0228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.4	43040.	3983.3	72.622	3609.4
Stddev	2.4	103.	8.7	.673	4.7
%RSD	.07325	.23933	.21916	.92665	.13095

#1	3311.1	43100.	3974.3	71.883	3605.7
#2	3306.6	42921.	3991.7	72.783	3607.7
#3	3310.5	43099.	3983.7	73.200	3614.7

Sample Name: K3422-01 Acquired: 6/18/2019 16:01:03 Type: Unk
Method: P4-ICP2(v3211) 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	.00128	.00120	.01526	.00231	.00177	32.355	.14198
Stddev	.00074	.00056	.00095	.00044	.00053	.156	.00110
%RSD	58.246	46.499	6.2343	19.044	29.950	.48085	.77546

#1	.00058	.00056	.01456	.00280	.00226	32.332	.14219
#2	.00206	.00150	.01487	.00219	.00121	32.520	.14296
#3	.00120	.00154	.01634	.00194	.00183	32.212	.14079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00017	8.2742	.00701	.00108	.21553	3.8501
Stddev	.00005	.00005	.0616	.00040	.00018	.00097	.0063
%RSD	31.762	27.887	.74388	5.6659	16.309	.44985	.16416

#1	.00013	.00015	8.2305	.00740	.00090	.21568	3.8486
#2	.00012	.00023	8.3446	.00702	.00125	.21450	3.8570
#3	.00021	.00014	8.2476	.00660	.00108	.21642	3.8446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18672	1.2951	.00706	.00004	3.5622	.00234	.48190
Stddev	.00025	.0130	.00035	.00037	.0338	.00032	.00158
%RSD	.13191	1.0032	4.9051	900.36	.94865	13.853	.32706

#1	.18700	1.3040	.00732	.00008	3.5436	.00245	.48082
#2	.18662	1.3011	.00718	-.00035	3.6012	.00261	.48117
#3	.18654	1.2802	.00667	.00039	3.5418	.00198	.48371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6002	.00154	.04491	3.6030	1.0359	.00766	.04458
Stddev	.0131	.00016	.00377	.0117	.0049	.00086	.00258
%RSD	.81868	10.123	8.3941	.32582	.47015	11.190	5.7982

#1	1.6127	.00151	.04082	3.5923	1.0315	.00856	.04755
#2	1.5865	.00140	.04824	3.6155	1.0349	.00686	.04283
#3	1.6013	.00171	.04567	3.6010	1.0411	.00755	.04336

Sample Name: K3422-01 Acquired: 6/18/2019 16:01:03 Type: Unk
 Method: P4-ICP2(v3211) 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	F 11.77	.02603	1.0811	F<.00000
Stddev	.00065	.03	.00014	.1411	.83748
%RSD	101.38	.2899	.53269	13.047	24.373

#1	-.00126	11.75	.02610	1.1802	-4.0604
#2	-.00070	11.75	.02587	1.1435	-2.4843
#3	.00004	11.81	.02611	.91964	-3.7634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.1	43743.	4165.5	77.170	3558.4
Stddev	1.6	90.	32.2	.998	2.6
%RSD	.04733	.20684	.77323	1.2935	.07252

#1	3343.4	43769.	4138.1	76.195	3561.3
#2	3343.0	43642.	4200.9	78.190	3557.4
#3	3345.9	43817.	4157.4	77.127	3556.4

Sample Name: PB120706BS Acquired: 6/18/2019 16:05:43 Type: Unk
Method: P4-ICP2(v3211) 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	.76146	2.0035	.95394	1.9945	.77632	2.0050	.20026
Stddev	.00100	.0028	.00041	.0021	.00177	.0348	.00209
%RSD	.13181	.14188	.04340	.10479	.22854	1.7336	1.0429

#1	.76045	2.0063	.95389	1.9966	.77837	1.9648	.19791
#2	.76146	2.0006	.95438	1.9944	.77533	2.0263	.20099
#3	.76246	2.0036	.95355	1.9924	.77525	2.0237	.20189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19860	.18889	1.1279	.40820	.19399	.32010	3.1204
Stddev	.00073	.00128	.0088	.00169	.00019	.00007	.0033
%RSD	.36790	.68008	.78408	.41490	.09845	.02099	.10662

#1	.19874	.19016	1.1177	.40646	.19377	.32016	3.1226
#2	.19924	.18759	1.1331	.40829	.19411	.32013	3.1221
#3	.19780	.18892	1.1329	.40984	.19410	.32003	3.1166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20886	1.9564	.49421	.07425	3.2948	.30587	.18685
Stddev	.00047	.0545	.00067	.00112	.0295	.00032	.00039
%RSD	.22738	2.7849	.13598	1.5028	.89626	.10596	.20671

#1	.20915	1.9271	.49475	.07325	3.2618	.30599	.18664
#2	.20913	2.0193	.49346	.07404	3.3037	.30550	.18730
#3	.20832	1.9229	.49441	.07545	3.3188	.30611	.18662

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.223	.40099	.33380	F .34306	.90522	.67436	.19698
Stddev	.069	.00028	.01488	.00988	.00721	.00142	.00126
%RSD	.67314	.06882	4.4568	2.8790	.79675	.21080	.64056

#1	10.160	.40121	.32366	.35410	.91253	.67417	.19604
#2	10.296	.40068	.32687	.33999	.89811	.67304	.19841
#3	10.214	.40109	.35088	.33508	.90501	.67587	.19648

Sample Name: PB120706BS Acquired: 6/18/2019 16:05:43 Type: Unk
Method: P4-ICP2(v3211) 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	.21795	5.553	.20839	F 2.0170	F<.00000
Stddev	.00220	.005	.00091	.4145	.61570
%RSD	1.0074	.0924	.43437	20.549	14.336

#1	.21779	5.558	.20737	2.4765	-4.0016
#2	.21584	5.553	.20871	1.9033	-3.8802
#3	.22022	5.548	.20910	1.6713	-5.0021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.2	42388.	3961.8	72.675	3514.8
Stddev	18.6	87.	20.3	1.485	19.2
%RSD	.56701	.20593	.51294	2.0435	.54527

#1	3265.2	42460.	3940.9	71.233	3498.8
#2	3301.7	42413.	3981.5	74.200	3536.1
#3	3276.8	42291.	3963.1	72.592	3509.6

Sample Name: LR CHECK 1 Acquired: 6/18/2019 16:10:48 Type: Unk
Method: P4-ICP2(v3211) 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	-.03759	.06782	.17890	-.15937	.09706	2049.7	.02649	.01518
Stddev	.00065	.00793	.00113	.00667	.00168	5.5	.00058	.00011
%RSD	1.7403	11.697	.63283	4.1845	1.7333	.26667	2.1841	.71380

#1	-.03833	.07648	.17950	-.15267	.09533	2050.2	.02583	.01520
#2	-.03708	.06610	.17759	-.16601	.09869	2054.9	.02672	.01527
#3	-.03737	.06090	.17959	-.15942	.09718	2044.0	.02692	.01506

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05452	1957.2	-.07723	.07206	.22408	900.83	-.02413	1901.8
Stddev	.00067	13.4	.00108	.00070	.00314	3.71	.00049	7.2
%RSD	1.2349	.68631	1.4026	.97270	1.4000	.41199	2.0289	.37861

#1	.05378	1972.1	-.07848	.07245	.22047	905.11	-.02356	1910.1
#2	.05510	1953.5	-.07648	.07248	.22609	898.64	-.02441	1898.6
#3	.05468	1946.0	-.07674	.07125	.22569	898.73	-.02440	1896.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05550	-.23134	1818.5	.01666	.08917	1088.5	-.00721	.10343
Stddev	.00141	.00182	26.9	.00076	.00015	4.8	.00009	.00980
%RSD	2.5369	.78635	1.4767	4.5414	.16740	.44550	1.1794	9.4735

#1	-.05634	-.22933	1846.9	.01625	.08931	1092.4	-.00726	.11145
#2	-.05629	-.23286	1815.2	.01620	.08901	1089.9	-.00712	.10634
#3	-.05387	-.23184	1793.5	.01754	.08919	1083.1	-.00727	.09251

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39094	.00299	.05836	-.04904	.03543	.0853	-.97671	<.00000
Stddev	.00435	.00138	.00174	.00309	.00104	.0050	.00414	.13697
%RSD	1.1117	46.082	2.9892	6.3099	2.9230	5.826	.42402	3.3794

#1	.38915	.00147	.05693	-.04893	.03430	.0803	-.98149	-4.1249
#2	.38777	.00415	.05784	-.05218	.03564	.0902	-.97428	-4.1390
#3	.39589	.00335	.06030	-.04600	.03634	.0856	-.97436	-3.8951

Sample Name: LR CHECK 1 Acquired: 6/18/2019 16:10:48 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.3220
%RSD .26624

#1 -495.02
#2 -497.37
#3 -497.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.3	29612.	3431.1	52.709	1764.2
Stddev	9.8	49.	15.1	1.108	8.8
%RSD	.43731	.16415	.43901	2.1022	.50001

#1	2247.4	29558.	3446.8	53.689	1756.8
#2	2245.9	29651.	3416.7	52.930	1761.7
#3	2263.6	29629.	3430.0	51.506	1774.0

Sample Name: LR CHECK 2 Acquired: 6/18/2019 16:15:42 Type: Unk
Method: P4-ICP2(v3211) 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	.00625	.00313	263.20	.03045	-.03912	-.14269	106.73	-.00234
Stddev	.00184	.00069	.92	.00112	.00171	.00954	.81	.00011
%RSD	29.469	22.060	.35093	3.6922	4.3609	6.6852	.76284	4.6928
#1	.00424	.00300	263.73	.02929	-.04061	-.13192	106.00	-.00229
#2	.00665	.00388	263.73	.03053	-.03949	-.14604	107.61	-.00226
#3	.00785	.00251	262.13	.03153	-.03726	-.15009	106.58	-.00246
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00916	.18922	-.13504	.00662	261.49	-.72228	46.112	-.14928
Stddev	.00006	.00986	.00036	.00025	1.93	.00310	.147	.04074
%RSD	.70202	5.2134	.26886	3.7815	.73938	.42914	.31908	27.294
#1	-.00921	.19291	-.13513	.00658	261.86	-.71928	46.262	-.14852
#2	-.00918	.19672	-.13536	.00689	263.22	-.72547	46.107	-.10892
#3	-.00909	.17805	-.13465	.00640	259.40	-.72209	45.968	-.19040
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.300	.01112	1.2543	-.12992	34.129	.93347	-.00729	.01860
Stddev	.342	.00080	.1230	.00132	.136	.09721	.00051	.00882
%RSD	.63005	7.1838	9.8093	1.0125	.39843	10.414	7.0455	47.435
#1	54.595	.01066	1.3845	-.13090	34.027	1.0380	-.00782	.02034
#2	54.379	.01205	1.2384	-.12843	34.283	.91669	-.00725	.02642
#3	53.925	.01066	1.1400	-.13044	34.075	.84575	-.00680	.00904
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22975	-.00343	.00309	.01576	.00053	.2706	.00342	3.2722
Stddev	.00228	.00105	.00060	.00038	.00056	.0017	.00002	.2160
%RSD	.99271	30.513	19.326	2.4240	105.52	.6342	.52513	6.6009
#1	.23051	-.00461	.00319	.01560	.00077	.2706	.00344	3.1853
#2	.23154	-.00262	.00363	.01548	-.00011	.2689	.00343	3.5182
#3	.22718	-.00306	.00245	.01619	.00094	.2723	.00340	3.1133

Sample Name: LR CHECK 2 Acquired: 6/18/2019 16:15:42 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .26281
Stddev .99623
%RSD 379.07

#1 1.3193
#2 .12860
#3 -.65951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.0	43307.	4026.8	73.364	3295.1
Stddev	6.6	87.	10.7	2.206	4.4
%RSD	.23838	.20108	.26452	3.0069	.13494

#1	2779.2	43341.	4014.7	73.817	3293.0
#2	2783.4	43372.	4030.9	75.308	3292.1
#3	2792.2	43208.	4034.8	70.967	3300.2

Sample Name: K3157-01 Acquired: 6/18/2019 16:24:52 Type: Unk
Method: P4-ICP2(v3211) 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	.02914	.01489	.60984	.01340	.01082	168.93	.68220
Stddev	.00042	.00079	.00140	.00137	.00113	.82	.00298
%RSD	1.4432	5.2998	.22913	10.190	10.444	.48366	.43633

#1	.02882	.01576	.61143	.01413	.01041	168.37	.68136
#2	.02898	.01421	.60925	.01425	.01210	168.55	.67973
#3	.02961	.01471	.60883	.01183	.00996	169.86	.68550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	.00407	165.12	.27849	.21130	.61245	263.40
Stddev	.00009	.00026	.74	.00058	.00136	.00122	.79
%RSD	1.1002	6.2992	.44576	.20715	.64296	.19849	.29986

#1	.00805	.00436	164.72	.27857	.21228	.61327	263.34
#2	.00813	.00390	164.66	.27902	.20975	.61105	262.64
#3	.00795	.00394	165.97	.27787	.21188	.61303	264.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3758	92.791	.32840	-.03632	27.301	.77316	1.1168
Stddev	.0137	.281	.00153	.00045	.183	.00150	.0064
%RSD	.31198	.30322	.46483	1.2355	.67029	.19424	.56927

#1	4.3748	92.516	.32886	-.03596	27.215	.77417	1.1238
#2	4.3626	92.778	.32670	-.03682	27.177	.77143	1.1115
#3	4.3899	93.079	.32965	-.03618	27.511	.77387	1.1149

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.567	.01756	.28363	F 28.924	1.5946	.01791	6.3532
Stddev	.140	.00018	.01292	.119	.0050	.00081	.0261
%RSD	.65100	.99979	4.5564	.40992	.31126	4.5400	.41040

#1	21.513	.01770	.26873	29.014	1.5986	.01726	6.3373
#2	21.462	.01761	.29178	28.789	1.5961	.01882	6.3389
#3	21.727	.01736	.29038	28.967	1.5890	.01766	6.3833

Sample Name: K3157-01 Acquired: 6/18/2019 16:24:52 Type: Unk
Method: P4-ICP2(v3211) 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	.18322	F 11.98	.06047	<.00000	F<.00000
Stddev	.00241	.04	.00031	.20620	2.9494
%RSD	1.3178	.3050	.50520	3.1695	1.9872

#1	.18183	11.99	.06016	-6.2821	-150.14
#2	.18182	11.94	.06046	-6.5476	-150.09
#3	.18600	12.02	.06078	-6.6881	-145.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3754.3	49143.	5003.1	70.346	2920.9
Stddev	8.0	133.	8.9	1.223	8.8
%RSD	.21361	.26982	.17765	1.7379	.29959

#1	3745.3	49144.	4996.3	70.448	2912.1
#2	3760.7	49275.	5013.1	71.514	2929.6
#3	3756.8	49010.	4999.8	69.075	2921.0

Sample Name: K3157-01DUP Acquired: 6/18/2019 16:29:24 Type: Unk
Method: P4-ICP2(v3211) 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	.02860	.01426	.60770	.01200	.01020	169.89	.68336
Stddev	.00153	.00135	.00154	.00344	.00116	1.26	.00267
%RSD	5.3470	9.4970	.25334	28.657	11.349	.74315	.39058

#1	.02928	.01271	.60924	.01148	.01050	168.45	.68028
#2	.02684	.01484	.60769	.01568	.01118	170.45	.68481
#3	.02966	.01523	.60616	.00886	.00892	170.78	.68499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00831	.00451	172.17	.26771	.21073	.63032	265.17
Stddev	.00006	.00031	.62	.00162	.00048	.00477	1.46
%RSD	.76074	6.7610	.35973	.60648	.22891	.75634	.55176

#1	.00823	.00444	171.50	.26585	.21035	.63332	264.03
#2	.00834	.00485	172.28	.26882	.21057	.63281	264.65
#3	.00834	.00425	172.73	.26846	.21127	.62482	266.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3740	93.554	.32088	-.03785	27.683	.77300	1.1541
Stddev	.0190	.436	.00041	.00088	.105	.00207	.0040
%RSD	.43388	.46558	.12899	2.3183	.37868	.26778	.34825

#1	4.3561	93.070	.32053	-.03778	27.562	.77165	1.1584
#2	4.3721	93.915	.32134	-.03876	27.735	.77539	1.1504
#3	4.3939	93.676	.32077	-.03701	27.752	.77197	1.1534

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.810	.02016	.29704	F 34.917	1.6281	.01518	6.3747
Stddev	.153	.00031	.00557	.407	.0149	.00108	.0149
%RSD	.70133	1.5392	1.8741	1.1644	.91502	7.0865	.23429

#1	21.635	.02041	.30270	35.378	1.6361	.01632	6.3762
#2	21.880	.02026	.29684	34.761	1.6374	.01418	6.3591
#3	21.915	.01982	.29157	34.611	1.6110	.01505	6.3889

Sample Name: K3157-01DUP Acquired: 6/18/2019 16:29:24 Type: Unk
Method: P4-ICP2(v3211) 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	.18720	F 11.89	.08589	<.00000	F<.00000
Stddev	.00165	.02	.00060	.37063	1.3449
%RSD	.87903	.1922	.69784	6.2388	.88307
#1	.18659	11.86	.08658	-5.6964	-152.80
#2	.18594	11.89	.08559	-6.3671	-153.31
#3	.18906	11.91	.08550	-5.7585	-150.77
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.7	49087.	4974.0	67.878	2909.3
Stddev	.2	62.	22.7	1.198	3.4
%RSD	.00663	.12621	.45598	1.7656	.11665
#1	3730.4	49099.	4961.8	67.922	2908.9
#2	3730.9	49142.	5000.2	66.658	2912.8
#3	3730.8	49020.	4960.0	69.054	2906.0

Sample Name: K3157-01LX5 Acquired: 6/18/2019 16:33:56 Type: Unk
Method: P4-ICP2(v3211) 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	.00992	.00614	.12513	.01030	.00273	37.320	.15399
Stddev	.00198	.00068	.00056	.00149	.00065	.046	.00111
%RSD	19.917	11.023	.44831	14.422	23.729	.12199	.71772

#1	.01091	.00683	.12529	.00923	.00210	37.336	.15364
#2	.00764	.00610	.12451	.01199	.00339	37.268	.15522
#3	.01120	.00548	.12559	.00967	.00270	37.355	.15310

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00252	41.696	.06455	.04114	.15161	78.102
Stddev	.00002	.00007	.245	.00017	.00022	.00075	.784
%RSD	1.0993	2.6238	.58645	.26996	.53110	.49233	1.0044

#1	.00192	-.00260	41.977	.06460	.04117	.15238	79.007
#2	.00193	-.00248	41.532	.06469	.04091	.15156	77.687
#3	.00189	-.00248	41.579	.06435	.04134	.15089	77.613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0790	21.414	.06199	-.00649	6.1749	.18320	.20433
Stddev	.0024	.139	.00016	.00054	.0318	.00097	.00039
%RSD	.22452	.65128	.26370	8.3836	.51514	.53198	.19205

#1	1.0810	21.481	.06218	-.00586	6.1766	.18331	.20387
#2	1.0796	21.254	.06186	-.00684	6.1422	.18412	.20455
#3	1.0763	21.508	.06195	-.00676	6.2057	.18218	.20455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9943	.00423	.10770	6.2014	.39545	.00320	1.5191
Stddev	.0346	.00017	.00559	.0101	.00628	.00072	.0027
%RSD	.69342	4.0523	5.1896	.16365	1.5887	22.545	.17943

#1	5.0200	.00432	.10768	6.1902	.40267	.00344	1.5179
#2	4.9549	.00403	.10212	6.2044	.39126	.00378	1.5222
#3	5.0079	.00432	.11329	6.2098	.39241	.00239	1.5171

Sample Name: K3157-01LX5 Acquired: 6/18/2019 16:33:56 Type: Unk
 Method: P4-ICP2(v3211) 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	.04339	2.257	.00093	.75436	F<.00000
Stddev	.00209	.006	.00098	.21391	.66343
%RSD	4.8129	.2534	105.89	28.357	2.8167

#1	.04483	2.257	-.00016	.56183	-24.245
#2	.04099	2.251	.00175	.71663	-23.494
#3	.04435	2.263	.00119	.98463	-22.922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.5	43807.	4240.7	71.371	3305.0
Stddev	19.8	135.	23.8	1.417	12.6
%RSD	.58755	.30883	.56214	1.9851	.38226

#1	3361.5	43655.	4225.5	70.837	3297.9
#2	3364.7	43913.	4228.5	70.298	3297.6
#3	3397.3	43853.	4268.2	72.977	3319.6

Sample Name: K3157-01MS Acquired: 6/18/2019 16:38:20 Type: Unk
Method: P4-ICP2(v3211) 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	.66197	1.9652	1.5980	1.6241	.16795	179.45	.86051
Stddev	.00084	.0043	.0012	.0041	.00136	.93	.00439
%RSD	.12654	.21643	.07670	.25231	.81113	.51982	.51050

#1	.66108	1.9616	1.5993	1.6207	.16815	178.38	.85575
#2	.66275	1.9641	1.5979	1.6229	.16920	180.03	.86440
#3	.66208	1.9699	1.5969	1.6286	.16650	179.95	.86139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17727	.20255	171.84	.59251	.41703	1.0210	262.03
Stddev	.00034	.00054	.55	.00020	.00117	.0010	.52
%RSD	.19382	.26691	.32088	.03316	.28114	.09844	.19876

#1	.17708	.20317	171.24	.59258	.41714	1.0206	261.56
#2	.17766	.20228	171.96	.59266	.41581	1.0203	262.59
#3	.17706	.20220	172.32	.59229	.41814	1.0222	261.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7054	97.956	.85229	.02718	30.638	.99017	1.2855
Stddev	.0180	.494	.00064	.00058	.145	.00147	.0010
%RSD	.38244	.50450	.07484	2.1451	.47402	.14812	.07848

#1	4.7144	97.431	.85236	.02744	30.473	.99104	1.2866
#2	4.6847	98.024	.85161	.02759	30.748	.98848	1.2852
#3	4.7172	98.412	.85288	.02651	30.693	.99100	1.2846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.570	.32673	.47407	F 23.681	1.7878	.70608	6.7901
Stddev	.137	.00035	.00549	.029	.0243	.00314	.0338
%RSD	.43330	.10789	1.1578	.12350	1.3607	.44515	.49815

#1	31.412	.32638	.47518	23.666	1.7708	.70315	6.7510
#2	31.647	.32673	.46811	23.663	1.7769	.70568	6.8106
#3	31.650	.32708	.47892	23.715	1.8157	.70940	6.8086

Sample Name: K3157-01MS Acquired: 6/18/2019 16:38:20 Type: Unk
Method: P4-ICP2(v3211) 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	.38564	F 17.26	.26741	<.00000	F<.00000
Stddev	.00065	.00	.00284	.21026	1.7879
%RSD	.16931	.0246	1.0605	3.6667	1.2092

#1	.38556	17.26	.26455	-5.8262	-147.08
#2	.38503	17.27	.27022	-5.8832	-149.90
#3	.38633	17.26	.26746	-5.4939	-146.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.7	48422.	4885.5	69.174	2886.5
Stddev	6.0	49.	8.4	.977	4.2
%RSD	.16373	.10082	.17176	1.4124	.14396

#1	3682.7	48393.	4888.9	68.114	2885.2
#2	3690.1	48394.	4876.0	70.040	2891.1
#3	3678.2	48478.	4891.8	69.367	2883.1

Sample Name: K3157-01MSD Acquired: 6/18/2019 16:42:46 Type: Unk
Method: P4-ICP2(v3211) 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	.65591	1.9592	1.5841	1.6086	.16749	178.74	.85518
Stddev	.00269	.0087	.0032	.0072	.00096	.76	.00402
%RSD	.41043	.44345	.19876	.44666	.57539	.42499	.46965

#1	.65506	1.9534	1.5855	1.6122	.16793	178.08	.85217
#2	.65892	1.9692	1.5862	1.6132	.16638	178.57	.85363
#3	.65374	1.9551	1.5804	1.6003	.16814	179.57	.85974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17702	.20218	172.50	.59171	.41673	.98459	260.78
Stddev	.00079	.00038	.58	.00182	.00110	.00062	.53
%RSD	.44850	.18842	.33520	.30794	.26312	.06268	.20154

#1	.17739	.20204	172.01	.59103	.41751	.98406	260.86
#2	.17756	.20261	172.35	.59377	.41721	.98527	261.26
#3	.17611	.20188	173.14	.59032	.41548	.98444	260.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6800	97.963	.85815	.02641	30.604	.99399	1.2687
Stddev	.0394	.534	.00151	.00022	.096	.00107	.0016
%RSD	.84253	.54493	.17602	.83252	.31377	.10753	.12938

#1	4.7255	97.659	.85955	.02666	30.541	.99339	1.2694
#2	4.6576	97.650	.85836	.02626	30.556	.99523	1.2699
#3	4.6568	98.579	.85655	.02631	30.715	.99336	1.2669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.538	.32810	.47978	F 22.420	1.7888	.70714	6.7505
Stddev	.166	.00082	.01766	.054	.0374	.00316	.0503
%RSD	.52583	.25128	3.6811	.24222	2.0896	.44685	.74555

#1	31.371	.32904	.46246	22.415	1.8155	.70589	6.7747
#2	31.541	.32748	.47912	22.477	1.7461	.71073	6.6926
#3	31.702	.32779	.49777	22.369	1.8049	.70479	6.7841

Sample Name: K3157-01MSD Acquired: 6/18/2019 16:42:46 Type: Unk
Method: P4-ICP2(v3211) 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	.38707	F 17.28	.27051	<.00000	F<.00000
Stddev	.00248	.01	.00404	.25826	.08326
%RSD	.63994	.0841	1.4953	4.5653	.05661
#1	.38633	17.27	.27210	-5.6462	-147.14
#2	.38506	17.29	.26592	-5.4042	-147.10
#3	.38984	17.27	.27352	-5.9204	-146.98
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.2	48573.	4861.2	68.263	2895.3
Stddev	1.0	266.	53.3	2.099	5.0
%RSD	.02699	.54845	1.0959	3.0755	.17266
#1	3704.0	48265.	4802.5	70.556	2899.4
#2	3703.2	48724.	4906.5	67.800	2889.7
#3	3705.2	48729.	4874.5	66.434	2896.8

Sample Name: PB120682BS Acquired: 6/18/2019 16:57:50 Type: Unk
Method: P4-ICP2(v3211) 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	.71369	1.8726	.91027	1.8119	.75077	1.9213	.19687
Stddev	.00352	.0038	.00066	.0029	.00305	.0154	.00194
%RSD	.49325	.20055	.07229	.15865	.40683	.80061	.98332

#1	.71535	1.8740	.90959	1.8112	.75395	1.9044	.19467
#2	.70964	1.8684	.91032	1.8095	.75050	1.9345	.19764
#3	.71607	1.8755	.91091	1.8151	.74785	1.9250	.19831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18370	.17989	1.1015	.39997	.18917	.30511	3.0178
Stddev	.00046	.00018	.0025	.00064	.00028	.00005	.0029
%RSD	.24869	.09868	.22822	.16106	.14652	.01703	.09629

#1	.18321	.18004	1.1010	.39982	.18888	.30506	3.0145
#2	.18376	.17993	1.0993	.39942	.18920	.30511	3.0202
#3	.18412	.17970	1.1042	.40068	.18943	.30517	3.0186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20435	1.8162	.47637	.06890	2.8758	.30343	.18386
Stddev	.00061	.0568	.00046	.00053	.0175	.00067	.00025
%RSD	.29788	3.1252	.09638	.77266	.60680	.22136	.13478

#1	.20404	1.7516	.47678	.06862	2.8570	.30293	.18407
#2	.20505	1.8389	.47646	.06857	2.8787	.30316	.18358
#3	.20397	1.8581	.47587	.06952	2.8916	.30419	.18392

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7919	.40276	.28889	F .05590	.86232	.64549	.19646
Stddev	.1311	.00059	.00250	.00069	.00404	.00072	.00235
%RSD	1.3388	.14727	.86698	1.2400	.46882	.11178	1.1948

#1	9.6476	.40227	.28603	.05551	.86579	.64615	.19377
#2	9.8243	.40260	.29067	.05670	.85788	.64559	.19807
#3	9.9038	.40342	.28998	.05550	.86329	.64472	.19755

Sample Name: PB120682BS Acquired: 6/18/2019 16:57:50 Type: Unk
 Method: P4-ICP2(v3211) 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	.21591	F 5.166	.20660	F 1.8959	F<.00000
Stddev	.00084	.014	.00082	.2839	.63542
%RSD	.38756	.2672	.39650	14.976	11.313

#1	.21638	5.181	.20594	1.8093	-6.1236
#2	.21641	5.153	.20752	2.2130	-4.9038
#3	.21495	5.164	.20633	1.6653	-5.8224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.7	43644.	3991.3	72.825	3571.1
Stddev	6.1	52.	26.2	.551	8.9
%RSD	.18470	.11911	.65657	.75662	.24872

#1	3304.3	43704.	3972.5	73.425	3560.8
#2	3316.5	43608.	3980.2	72.708	3576.5
#3	3311.3	43622.	4021.2	72.342	3575.9

Sample Name: K3157-01 Acquired: 6/18/2019 16:24:52 Type: Unk
Method: P4-ICP2(v3211) 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	.02914	.01489	.60984	.01340	.01082	168.93	.68220
Stddev	.00042	.00079	.00140	.00137	.00113	.82	.00298
%RSD	1.4432	5.2998	.22913	10.190	10.444	.48366	.43633

#1	.02882	.01576	.61143	.01413	.01041	168.37	.68136
#2	.02898	.01421	.60925	.01425	.01210	168.55	.67973
#3	.02961	.01471	.60883	.01183	.00996	169.86	.68550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	.00407	165.12	.27849	.21130	.61245	263.40
Stddev	.00009	.00026	.74	.00058	.00136	.00122	.79
%RSD	1.1002	6.2992	.44576	.20715	.64296	.19849	.29986

#1	.00805	.00436	164.72	.27857	.21228	.61327	263.34
#2	.00813	.00390	164.66	.27902	.20975	.61105	262.64
#3	.00795	.00394	165.97	.27787	.21188	.61303	264.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3758	92.791	.32840	-.03632	27.301	.77316	1.1168
Stddev	.0137	.281	.00153	.00045	.183	.00150	.0064
%RSD	.31198	.30322	.46483	1.2355	.67029	.19424	.56927

#1	4.3748	92.516	.32886	-.03596	27.215	.77417	1.1238
#2	4.3626	92.778	.32670	-.03682	27.177	.77143	1.1115
#3	4.3899	93.079	.32965	-.03618	27.511	.77387	1.1149

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.567	.01756	.28363	F 28.924	1.5946	.01791	6.3532
Stddev	.140	.00018	.01292	.119	.0050	.00081	.0261
%RSD	.65100	.99979	4.5564	.40992	.31126	4.5400	.41040

#1	21.513	.01770	.26873	29.014	1.5986	.01726	6.3373
#2	21.462	.01761	.29178	28.789	1.5961	.01882	6.3389
#3	21.727	.01736	.29038	28.967	1.5890	.01766	6.3833

Sample Name: K3157-01 Acquired: 6/18/2019 16:24:52 Type: Unk
Method: P4-ICP2(v3211) 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	.18322	F 11.98	.06047	<.00000	F<.00000
Stddev	.00241	.04	.00031	.20620	2.9494
%RSD	1.3178	.3050	.50520	3.1695	1.9872

#1	.18183	11.99	.06016	-6.2821	-150.14
#2	.18182	11.94	.06046	-6.5476	-150.09
#3	.18600	12.02	.06078	-6.6881	-145.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3754.3	49143.	5003.1	70.346	2920.9
Stddev	8.0	133.	8.9	1.223	8.8
%RSD	.21361	.26982	.17765	1.7379	.29959

#1	3745.3	49144.	4996.3	70.448	2912.1
#2	3760.7	49275.	5013.1	71.514	2929.6
#3	3756.8	49010.	4999.8	69.075	2921.0

Sample Name: K3157-01DUP Acquired: 6/18/2019 16:29:24 Type: Unk
Method: P4-ICP2(v3211) 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	.02860	.01426	.60770	.01200	.01020	169.89	.68336
Stddev	.00153	.00135	.00154	.00344	.00116	1.26	.00267
%RSD	5.3470	9.4970	.25334	28.657	11.349	.74315	.39058

#1	.02928	.01271	.60924	.01148	.01050	168.45	.68028
#2	.02684	.01484	.60769	.01568	.01118	170.45	.68481
#3	.02966	.01523	.60616	.00886	.00892	170.78	.68499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00831	.00451	172.17	.26771	.21073	.63032	265.17
Stddev	.00006	.00031	.62	.00162	.00048	.00477	1.46
%RSD	.76074	6.7610	.35973	.60648	.22891	.75634	.55176

#1	.00823	.00444	171.50	.26585	.21035	.63332	264.03
#2	.00834	.00485	172.28	.26882	.21057	.63281	264.65
#3	.00834	.00425	172.73	.26846	.21127	.62482	266.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3740	93.554	.32088	-.03785	27.683	.77300	1.1541
Stddev	.0190	.436	.00041	.00088	.105	.00207	.0040
%RSD	.43388	.46558	.12899	2.3183	.37868	.26778	.34825

#1	4.3561	93.070	.32053	-.03778	27.562	.77165	1.1584
#2	4.3721	93.915	.32134	-.03876	27.735	.77539	1.1504
#3	4.3939	93.676	.32077	-.03701	27.752	.77197	1.1534

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.810	.02016	.29704	F 34.917	1.6281	.01518	6.3747
Stddev	.153	.00031	.00557	.407	.0149	.00108	.0149
%RSD	.70133	1.5392	1.8741	1.1644	.91502	7.0865	.23429

#1	21.635	.02041	.30270	35.378	1.6361	.01632	6.3762
#2	21.880	.02026	.29684	34.761	1.6374	.01418	6.3591
#3	21.915	.01982	.29157	34.611	1.6110	.01505	6.3889

Sample Name: K3157-01DUP Acquired: 6/18/2019 16:29:24 Type: Unk
Method: P4-ICP2(v3211) 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	.18720	F 11.89	.08589	<.00000	F<.00000
Stddev	.00165	.02	.00060	.37063	1.3449
%RSD	.87903	.1922	.69784	6.2388	.88307
#1	.18659	11.86	.08658	-5.6964	-152.80
#2	.18594	11.89	.08559	-6.3671	-153.31
#3	.18906	11.91	.08550	-5.7585	-150.77
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.7	49087.	4974.0	67.878	2909.3
Stddev	.2	62.	22.7	1.198	3.4
%RSD	.00663	.12621	.45598	1.7656	.11665
#1	3730.4	49099.	4961.8	67.922	2908.9
#2	3730.9	49142.	5000.2	66.658	2912.8
#3	3730.8	49020.	4960.0	69.054	2906.0

Sample Name: K3157-01LX5 Acquired: 6/18/2019 16:33:56 Type: Unk
Method: P4-ICP2(v3211) 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	.00992	.00614	.12513	.01030	.00273	37.320	.15399
Stddev	.00198	.00068	.00056	.00149	.00065	.046	.00111
%RSD	19.917	11.023	.44831	14.422	23.729	.12199	.71772

#1	.01091	.00683	.12529	.00923	.00210	37.336	.15364
#2	.00764	.00610	.12451	.01199	.00339	37.268	.15522
#3	.01120	.00548	.12559	.00967	.00270	37.355	.15310

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00252	41.696	.06455	.04114	.15161	78.102
Stddev	.00002	.00007	.245	.00017	.00022	.00075	.784
%RSD	1.0993	2.6238	.58645	.26996	.53110	.49233	1.0044

#1	.00192	-.00260	41.977	.06460	.04117	.15238	79.007
#2	.00193	-.00248	41.532	.06469	.04091	.15156	77.687
#3	.00189	-.00248	41.579	.06435	.04134	.15089	77.613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0790	21.414	.06199	-.00649	6.1749	.18320	.20433
Stddev	.0024	.139	.00016	.00054	.0318	.00097	.00039
%RSD	.22452	.65128	.26370	8.3836	.51514	.53198	.19205

#1	1.0810	21.481	.06218	-.00586	6.1766	.18331	.20387
#2	1.0796	21.254	.06186	-.00684	6.1422	.18412	.20455
#3	1.0763	21.508	.06195	-.00676	6.2057	.18218	.20455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9943	.00423	.10770	6.2014	.39545	.00320	1.5191
Stddev	.0346	.00017	.00559	.0101	.00628	.00072	.0027
%RSD	.69342	4.0523	5.1896	.16365	1.5887	22.545	.17943

#1	5.0200	.00432	.10768	6.1902	.40267	.00344	1.5179
#2	4.9549	.00403	.10212	6.2044	.39126	.00378	1.5222
#3	5.0079	.00432	.11329	6.2098	.39241	.00239	1.5171

Sample Name: K3157-01LX5 Acquired: 6/18/2019 16:33:56 Type: Unk
Method: P4-ICP2(v3211) 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	.04339	2.257	.00093	.75436	F<.00000
Stddev	.00209	.006	.00098	.21391	.66343
%RSD	4.8129	.2534	105.89	28.357	2.8167

#1	.04483	2.257	-.00016	.56183	-24.245
#2	.04099	2.251	.00175	.71663	-23.494
#3	.04435	2.263	.00119	.98463	-22.922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.5	43807.	4240.7	71.371	3305.0
Stddev	19.8	135.	23.8	1.417	12.6
%RSD	.58755	.30883	.56214	1.9851	.38226

#1	3361.5	43655.	4225.5	70.837	3297.9
#2	3364.7	43913.	4228.5	70.298	3297.6
#3	3397.3	43853.	4268.2	72.977	3319.6

Sample Name: K3157-01MS Acquired: 6/18/2019 16:38:20 Type: Unk
Method: P4-ICP2(v3211) 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	.66197	1.9652	1.5980	1.6241	.16795	179.45	.86051
Stddev	.00084	.0043	.0012	.0041	.00136	.93	.00439
%RSD	.12654	.21643	.07670	.25231	.81113	.51982	.51050

#1	.66108	1.9616	1.5993	1.6207	.16815	178.38	.85575
#2	.66275	1.9641	1.5979	1.6229	.16920	180.03	.86440
#3	.66208	1.9699	1.5969	1.6286	.16650	179.95	.86139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17727	.20255	171.84	.59251	.41703	1.0210	262.03
Stddev	.00034	.00054	.55	.00020	.00117	.0010	.52
%RSD	.19382	.26691	.32088	.03316	.28114	.09844	.19876

#1	.17708	.20317	171.24	.59258	.41714	1.0206	261.56
#2	.17766	.20228	171.96	.59266	.41581	1.0203	262.59
#3	.17706	.20220	172.32	.59229	.41814	1.0222	261.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7054	97.956	.85229	.02718	30.638	.99017	1.2855
Stddev	.0180	.494	.00064	.00058	.145	.00147	.0010
%RSD	.38244	.50450	.07484	2.1451	.47402	.14812	.07848

#1	4.7144	97.431	.85236	.02744	30.473	.99104	1.2866
#2	4.6847	98.024	.85161	.02759	30.748	.98848	1.2852
#3	4.7172	98.412	.85288	.02651	30.693	.99100	1.2846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.570	.32673	.47407	F 23.681	1.7878	.70608	6.7901
Stddev	.137	.00035	.00549	.029	.0243	.00314	.0338
%RSD	.43330	.10789	1.1578	.12350	1.3607	.44515	.49815

#1	31.412	.32638	.47518	23.666	1.7708	.70315	6.7510
#2	31.647	.32673	.46811	23.663	1.7769	.70568	6.8106
#3	31.650	.32708	.47892	23.715	1.8157	.70940	6.8086

Sample Name: K3157-01MS Acquired: 6/18/2019 16:38:20 Type: Unk
 Method: P4-ICP2(v3211) 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	.38564	F 17.26	.26741	<.00000	F<.00000
Stddev	.00065	.00	.00284	.21026	1.7879
%RSD	.16931	.0246	1.0605	3.6667	1.2092

#1	.38556	17.26	.26455	-5.8262	-147.08
#2	.38503	17.27	.27022	-5.8832	-149.90
#3	.38633	17.26	.26746	-5.4939	-146.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.7	48422.	4885.5	69.174	2886.5
Stddev	6.0	49.	8.4	.977	4.2
%RSD	.16373	.10082	.17176	1.4124	.14396

#1	3682.7	48393.	4888.9	68.114	2885.2
#2	3690.1	48394.	4876.0	70.040	2891.1
#3	3678.2	48478.	4891.8	69.367	2883.1

Sample Name: K3157-01MSD Acquired: 6/18/2019 16:42:46 Type: Unk
Method: P4-ICP2(v3211) 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	.65591	1.9592	1.5841	1.6086	.16749	178.74	.85518
Stddev	.00269	.0087	.0032	.0072	.00096	.76	.00402
%RSD	.41043	.44345	.19876	.44666	.57539	.42499	.46965

#1	.65506	1.9534	1.5855	1.6122	.16793	178.08	.85217
#2	.65892	1.9692	1.5862	1.6132	.16638	178.57	.85363
#3	.65374	1.9551	1.5804	1.6003	.16814	179.57	.85974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17702	.20218	172.50	.59171	.41673	.98459	260.78
Stddev	.00079	.00038	.58	.00182	.00110	.00062	.53
%RSD	.44850	.18842	.33520	.30794	.26312	.06268	.20154

#1	.17739	.20204	172.01	.59103	.41751	.98406	260.86
#2	.17756	.20261	172.35	.59377	.41721	.98527	261.26
#3	.17611	.20188	173.14	.59032	.41548	.98444	260.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6800	97.963	.85815	.02641	30.604	.99399	1.2687
Stddev	.0394	.534	.00151	.00022	.096	.00107	.0016
%RSD	.84253	.54493	.17602	.83252	.31377	.10753	.12938

#1	4.7255	97.659	.85955	.02666	30.541	.99339	1.2694
#2	4.6576	97.650	.85836	.02626	30.556	.99523	1.2699
#3	4.6568	98.579	.85655	.02631	30.715	.99336	1.2669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.538	.32810	.47978	F 22.420	1.7888	.70714	6.7505
Stddev	.166	.00082	.01766	.054	.0374	.00316	.0503
%RSD	.52583	.25128	3.6811	.24222	2.0896	.44685	.74555

#1	31.371	.32904	.46246	22.415	1.8155	.70589	6.7747
#2	31.541	.32748	.47912	22.477	1.7461	.71073	6.6926
#3	31.702	.32779	.49777	22.369	1.8049	.70479	6.7841

Sample Name: K3157-01MSD Acquired: 6/18/2019 16:42:46 Type: Unk
Method: P4-ICP2(v3211) 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	.38707	F 17.28	.27051	<.00000	F<.00000
Stddev	.00248	.01	.00404	.25826	.08326
%RSD	.63994	.0841	1.4953	4.5653	.05661
#1	.38633	17.27	.27210	-5.6462	-147.14
#2	.38506	17.29	.26592	-5.4042	-147.10
#3	.38984	17.27	.27352	-5.9204	-146.98
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.2	48573.	4861.2	68.263	2895.3
Stddev	1.0	266.	53.3	2.099	5.0
%RSD	.02699	.54845	1.0959	3.0755	.17266
#1	3704.0	48265.	4802.5	70.556	2899.4
#2	3703.2	48724.	4906.5	67.800	2889.7
#3	3705.2	48729.	4874.5	66.434	2896.8

Sample Name: PB120682BS Acquired: 6/18/2019 16:57:50 Type: Unk
Method: P4-ICP2(v3216) 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	.71369	1.8726	.91027	1.8119	.75077	1.9213	.19687
Stddev	.00352	.0038	.00066	.0029	.00305	.0154	.00194
%RSD	.49325	.20055	.07229	.15865	.40683	.80061	.98332

#1	.71535	1.8740	.90959	1.8112	.75395	1.9044	.19467
#2	.70964	1.8684	.91032	1.8095	.75050	1.9345	.19764
#3	.71607	1.8755	.91091	1.8151	.74785	1.9250	.19831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18370	.17989	1.1015	.39997	.18917	.30511	3.0178
Stddev	.00046	.00018	.0025	.00064	.00028	.00005	.0029
%RSD	.24869	.09868	.22822	.16106	.14652	.01703	.09629

#1	.18321	.18004	1.1010	.39982	.18888	.30506	3.0145
#2	.18376	.17993	1.0993	.39942	.18920	.30511	3.0202
#3	.18412	.17970	1.1042	.40068	.18943	.30517	3.0186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20435	1.8162	.47637	.06890	2.8758	.30343	.18386
Stddev	.00061	.0568	.00046	.00053	.0175	.00067	.00025
%RSD	.29788	3.1252	.09638	.77266	.60680	.22136	.13478

#1	.20404	1.7516	.47678	.06862	2.8570	.30293	.18407
#2	.20505	1.8389	.47646	.06857	2.8787	.30316	.18358
#3	.20397	1.8581	.47587	.06952	2.8916	.30419	.18392

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7919	.40276	.28889	F .05590	.86232	.64549	.19646
Stddev	.1311	.00059	.00250	.00069	.00404	.00072	.00235
%RSD	1.3388	.14727	.86698	1.2400	.46882	.11178	1.1948

#1	9.6476	.40227	.28603	.05551	.86579	.64615	.19377
#2	9.8243	.40260	.29067	.05670	.85788	.64559	.19807
#3	9.9038	.40342	.28998	.05550	.86329	.64472	.19755

Sample Name: PB120682BS Acquired: 6/18/2019 16:57:50 Type: Unk
Method: P4-ICP2(v3216) 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	.21591	F 5.166	.20660	F 1.8959	F<.00000
Stddev	.00084	.014	.00082	.2839	.63542
%RSD	.38756	.2672	.39650	14.976	11.313

#1	.21638	5.181	.20594	1.8093	-6.1236
#2	.21641	5.153	.20752	2.2130	-4.9038
#3	.21495	5.164	.20633	1.6653	-5.8224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.7	43644.	3991.3	72.825	3571.1
Stddev	6.1	52.	26.2	.551	8.9
%RSD	.18470	.11911	.65657	.75662	.24872

#1	3304.3	43704.	3972.5	73.425	3560.8
#2	3316.5	43608.	3980.2	72.708	3576.5
#3	3311.3	43622.	4021.2	72.342	3575.9

Sample Name: CCV03 Acquired: 6/18/2019 17:01:32 Type: Unk
Method: P4-ICP2(v3211) 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	4.8471	4.9108	4.7529	4.8809	4.8781	9.8685	9.8254	.24604
Stddev	.0098	.0138	.0012	.0100	.0079	.0763	.0505	.00032
%RSD	.20123	.28029	.02591	.20529	.16265	.77286	.51357	.13180
#1	4.8583	4.9259	4.7539	4.8883	4.8872	9.7850	9.7679	.24595
#2	4.8416	4.9074	4.7515	4.8695	4.8734	9.8858	9.8621	.24578
#3	4.8413	4.8990	4.7532	4.8849	4.8736	9.9346	9.8463	.24640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4209	24.594	.97381	2.3982	1.2342	4.9332	2.4872	24.156
Stddev	.0026	.140	.00108	.0008	.0046	.0057	.0040	.171
%RSD	.10881	.57053	.11052	.03403	.36932	.11565	.16181	.70676
#1	2.4232	24.434	.97273	2.3975	1.2392	4.9283	2.4916	23.964
#2	2.4180	24.653	.97488	2.3991	1.2304	4.9395	2.4862	24.213
#3	2.4214	24.695	.97381	2.3981	1.2331	4.9320	2.4838	24.291
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4378	1.2332	24.742	2.4786	2.3784	25.147	4.9475	4.7713
Stddev	.0044	.0007	.157	.0073	.0022	.108	.0151	.0065
%RSD	.17974	.05571	.63518	.29528	.09092	.43108	.30456	.13659
#1	2.4424	1.2333	24.561	2.4855	2.3796	25.027	4.9647	4.7705
#2	2.4375	1.2325	24.841	2.4792	2.3759	25.236	4.9369	4.7781
#3	2.4337	1.2339	24.825	2.4709	2.3796	25.180	4.9408	4.7652
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8330	4.8615	4.8679	4.8509	5.1245	4.916	4.9793	F 3.5341
Stddev	.0148	.0275	.0118	.0081	.0127	.012	.0063	.4102
%RSD	.30695	.56614	.24259	.16719	.24715	.2515	.12759	11.608
#1	4.8501	4.8828	4.8811	4.8473	5.1136	4.930	4.9730	3.9521
#2	4.8249	4.8304	4.8583	4.8452	5.1214	4.912	4.9792	3.5181
#3	4.8239	4.8712	4.8643	4.8602	5.1384	4.906	4.9857	3.1321

Sample Name: CCV03 Acquired: 6/18/2019 17:01:32 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0095
Stddev	.4849
%RSD	24.129

#1	1.5744
#2	2.5322
#3	1.9220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.3	41785.	3990.7	71.222	3224.9
Stddev	2.8	40.	18.7	1.123	2.0
%RSD	.08699	.09557	.46800	1.5764	.06163

#1	3201.2	41762.	3971.0	69.975	3222.6
#2	3205.1	41831.	4008.1	72.152	3225.6
#3	3206.6	41762.	3993.1	71.538	3226.4

Sample Name: CCB03 Acquired: 6/18/2019 17:05:29 Type: Unk
Method: P4-ICP2(v3211) 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	.00096	.00278	.00301	-.00106	.00286	.02817	.00012	.00008
Stddev	.00034	.00064	.00053	.00068	.00072	.00645	.00073	.00003
%RSD	35.777	22.827	17.522	63.688	25.111	22.908	596.13	36.094
#1	.00134	.00239	.00325	-.00104	.00367	.02104	-.00029	.00008
#2	.00084	.00352	.00338	-.00040	.00231	.02985	.00097	.00011
#3	.00069	.00245	.00241	-.00175	.00259	.03361	-.00031	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00009	.00013	.00030	.00048	.00019	.00006	-.05193
Stddev	.00000	.01138	.00022	.00006	.00019	.00049	.00001	.01968
%RSD	1.6348	12169.	171.82	19.166	40.367	255.63	24.743	37.893
#1	.00024	-.00280	.00021	.00028	.00052	.00074	.00008	-.06840
#2	.00024	-.00956	.00030	.00036	.00027	.00005	.00006	-.05723
#3	.00024	.01264	-.00012	.00025	.00065	-.00021	.00005	-.03014
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00008	-.05676	-.00006	-.00035	.20626	.00119	.02379
Stddev	.00017	.00018	.00635	.00015	.00006	.00547	.00030	.00547
%RSD	31.484	217.80	11.186	246.23	16.124	2.6498	24.888	23.003
#1	.00062	-.00003	-.04981	.00003	-.00040	.20474	.00136	.02888
#2	.00062	.00007	-.05819	.00002	-.00029	.20171	.00137	.01800
#3	.00033	-.00028	-.06226	-.00024	-.00037	.21232	.00085	.02449
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04469	.00114	.00043	-.00117	.00161	.0010	.00013	1.5471
Stddev	.00240	.00074	.00044	.00181	.00055	.0006	.00008	.3066
%RSD	5.3789	64.737	101.08	154.40	34.099	60.08	58.688	19.815
#1	.04642	.00166	.00074	-.00322	.00224	.0015	.00022	1.7443
#2	.04570	.00147	.00062	-.00048	.00135	.0003	.00010	1.7032
#3	.04195	.00029	-.00007	.00019	.00124	.0011	.00007	1.1939

Sample Name: CCB03 Acquired: 6/18/2019 17:05:29 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.01174
Stddev	.63575
%RSD	5416.0

#1	.74221
#2	-.29034
#3	-.41665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.0	43784.	4024.5	74.222	3653.5
Stddev	3.0	71.	5.4	1.186	6.5
%RSD	.08936	.16137	.13409	1.5975	.17728

#1	3346.6	43705.	4023.0	74.492	3660.9
#2	3345.9	43805.	4030.5	75.250	3650.8
#3	3351.4	43841.	4020.0	72.925	3648.8

Sample Name: K3157-01A Acquired: 6/18/2019 17:09:58 Type: Unk
Method: P4-ICP2(v3211) 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	.66327	1.9754	1.5821	1.6244	.17025	177.42	.84782
Stddev	.00246	.0051	.0040	.0095	.00093	.36	.00246
%RSD	.37071	.25665	.25254	.58723	.54864	.20528	.28996

#1	.66050	1.9742	1.5782	1.6135	.16940	177.21	.84854
#2	.66518	1.9810	1.5862	1.6315	.17009	177.84	.84983
#3	.66414	1.9711	1.5818	1.6281	.17125	177.21	.84508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17721	.20399	172.59	.59021	.42033	.94596	258.62
Stddev	.00012	.00067	.60	.00066	.00085	.00420	2.04
%RSD	.06796	.32710	.34668	.11151	.20282	.44411	.78980

#1	.17709	.20418	173.03	.59038	.42123	.94505	260.45
#2	.17733	.20454	172.83	.58949	.42021	.95054	258.99
#3	.17721	.20325	171.91	.59077	.41954	.94229	256.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6544	96.947	.86902	.02729	30.471	.99476	1.2695
Stddev	.0462	.303	.00155	.00048	.072	.00194	.0041
%RSD	.99292	.31239	.17861	1.7717	.23612	.19518	.32182

#1	4.7017	97.111	.87007	.02785	30.485	.99423	1.2726
#2	4.6094	97.132	.86975	.02700	30.536	.99692	1.2711
#3	4.6520	96.597	.86723	.02703	30.394	.99315	1.2649

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.126	.33255	.47054	F 21.002	1.7558	.71052	6.6899
Stddev	.090	.00210	.00263	.085	.0353	.00100	.0338
%RSD	.29014	.63058	.55845	.40638	2.0091	.14011	.50554

#1	31.120	.33046	.47021	21.051	1.7962	.71116	6.6609
#2	31.219	.33466	.47331	21.051	1.7306	.71103	6.6817
#3	31.039	.33254	.46809	20.903	1.7407	.70937	6.7271

Sample Name: K3157-01A Acquired: 6/18/2019 17:09:58 Type: Unk
Method: P4-ICP2(v3211) 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	.38513	F 17.50	.27086	<.00000	F<.00000
Stddev	.00086	.05	.00444	.12276	2.0723
%RSD	.22226	.2865	1.6402	2.1031	1.3839
#1	.38537	17.55	.26831	-5.7907	-151.74
#2	.38419	17.52	.26828	-5.9765	-147.60
#3	.38585	17.45	.27599	-5.7446	-149.92
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.8	49024.	4883.5	66.705	2900.4
Stddev	15.7	222.	23.9	.934	9.7
%RSD	.42405	.45222	.49000	1.4007	.33389
#1	3716.7	48784.	4874.8	65.701	2894.1
#2	3687.0	49068.	4910.6	67.548	2895.6
#3	3710.7	49221.	4865.2	66.866	2911.6

Sample Name: PB120706BL Acquired: 6/18/2019 17:14:24 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.00205	F .00304	-.00151	.00065	.01794	-.00045
Stddev	.00273	.00039	.00042	.00020	.00009	.00302	.00031
%RSD	189.96	18.950	13.697	13.194	14.184	16.858	69.735

#1	.00123	.00160	.00349	-.00154	.00058	.02129	-.00057
#2	.00427	.00230	.00267	-.00169	.00060	.01543	-.00069
#3	-.00118	.00224	.00296	-.00129	.00075	.01709	-.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00019	-.00267	.00020	.00031	.00010	.00960
Stddev	.00007	.00004	.00771	.00038	.00016	.00041	.00124
%RSD	147.56	23.985	288.87	185.20	53.386	415.98	12.950

#1	.00004	.00020	-.00104	.00003	.00014	.00055	.01059
#2	.00013	.00014	-.01107	-.00005	.00046	-.00024	.01000
#3	-.00002	.00022	.00410	.00064	.00032	-.00002	.00820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.04451	.00053	-.00023	-.07821	-.00033	-.00025
Stddev	.00003	.03409	.00024	.00043	.00109	.00017	.00003
%RSD	42.268	76.592	44.870	185.94	1.3920	52.727	10.826

#1	.00011	-.06484	.00073	-.00071	-.07815	-.00028	-.00022
#2	.00005	-.00515	.00027	.00014	-.07715	-.00052	-.00027
#3	.00007	-.06354	.00060	-.00013	-.07933	-.00018	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17181	.00031	.00636	F .04916	.00010	.00041	-.00216
Stddev	.02573	.00010	.00585	.00129	.00047	.00017	.00141
%RSD	14.975	32.356	91.958	2.6324	455.64	41.524	65.330

#1	.14222	.00021	.00699	.04954	-.00007	.00038	-.00062
#2	.18426	.00041	.00022	.04772	-.00025	.00059	-.00340
#3	.18894	.00033	.01186	.05022	.00063	.00025	-.00246

Sample Name: PB120706BL Acquired: 6/18/2019 17:14:24 Type: Unk
Method: P4-ICP2(v3211) 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	.00261	.0009	.00003	F 1.1691	F<.00000
Stddev	.00092	.0008	.00004	.1450	.42503
%RSD	35.155	84.88	159.04	12.406	29.522

#1	.00361	.0001	-.00002	1.1841	-.95422
#2	.00181	.0016	.00004	1.0172	-1.6201
#3	.00240	.0010	.00006	1.3061	-1.7448

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.3	43830.	4037.6	73.836	3675.8
Stddev	6.2	158.	36.2	.947	6.2
%RSD	.18429	.36106	.89545	1.2832	.16950

#1	3352.4	43835.	4018.3	73.200	3668.7
#2	3364.8	43669.	4079.3	74.925	3680.2
#3	3357.8	43985.	4015.2	73.383	3678.5

Sample Name: PB120682BL Acquired: 6/18/2019 17:18:53 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	.00157	.00286	-.00308	.00021	F .02699	-.00021
Stddev	.00162	.00088	.00041	.00093	.00151	.00398	.00016
%RSD	69.285	56.127	14.231	30.281	708.03	14.763	73.619

#1	.00118	.00156	.00318	-.00233	.00194	.02686	-.00035
#2	.00419	.00069	.00240	-.00412	-.00082	.02307	-.00024
#3	.00165	.00245	.00300	-.00278	-.00048	.03103	-.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00018	.00565	.00010	.00023	.00009	.00115
Stddev	.00003	.00003	.00617	.00003	.00033	.00023	.00023
%RSD	75.868	16.685	109.13	32.670	143.53	263.53	19.765

#1	.00004	.00018	.01075	.00012	.00047	.00034	.00091
#2	.00007	.00015	-.00120	.00006	.00037	-.00011	.00136
#3	.00001	.00021	.00740	.00012	-.00015	.00002	.00118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.03566	.00061	-.00002	-.11234	.00003	-.00034
Stddev	.00004	.04921	.00027	.00017	.00199	.00010	.00005
%RSD	65.858	138.01	44.267	966.23	1.7719	380.97	14.937

#1	-.00011	-.09203	.00037	.00017	-.11461	.00015	-.00030
#2	-.00006	-.01370	.00056	-.00007	-.11093	-.00003	-.00039
#3	-.00003	-.00125	.00090	-.00016	-.11148	-.00004	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16298	.00011	.01206	F .03770	-.00171	.00011	-.00253
Stddev	.02313	.00026	.01207	.00235	.00208	.00042	.00081
%RSD	14.191	227.52	100.06	6.2306	121.49	398.28	31.997

#1	.13843	.00020	.01304	.03848	-.00338	.00031	-.00200
#2	.18435	-.00018	-.00047	.03956	.00062	.00039	-.00346
#3	.16615	.00031	.02362	.03506	-.00236	-.00038	-.00213

Sample Name: PB120682BL Acquired: 6/18/2019 17:18:53 Type: Unk
 Method: P4-ICP2(v3211) 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	.00143	.0001	-.00000	F 1.6688	F<.00000
Stddev	.00251	.0018	.00008	.1062	.79767
%RSD	175.68	2423.	5320.2	6.3661	73.179

#1	.00117	-.0012	.00001	1.5463	-.76076
#2	.00406	-.0007	-.00009	1.7236	-1.9996
#3	-.00094	.0021	.00008	1.7364	-.50970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.8	43648.	4029.0	73.172	3663.4
Stddev	9.6	141.	34.0	2.667	11.6
%RSD	.28501	.32259	.84407	3.6451	.31558

#1	3355.4	43539.	4002.6	70.475	3667.1
#2	3344.9	43598.	4067.4	75.808	3650.4
#3	3364.0	43807.	4017.1	73.233	3672.6

Sample Name: PB120714BS Acquired: 6/18/2019 17:23:22 Type: Unk
Method: P4-ICP2(v3211) 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	.71291	1.8736	.90556	1.8105	.75111	1.9342	.19607
Stddev	.00244	.0072	.00374	.0022	.00331	.0167	.00220
%RSD	.34163	.38462	.41339	.11980	.44108	.86403	1.1229

#1	.71568	1.8785	.90797	1.8130	.75466	1.9150	.19525
#2	.71193	1.8769	.90746	1.8092	.74810	1.9415	.19440
#3	.71112	1.8653	.90125	1.8093	.75056	1.9459	.19857

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18347	.17981	F 1.4755	.39997	.18855	.30427	3.0126
Stddev	.00032	.00036	.0182	.00111	.00085	.00090	.0046
%RSD	.17617	.20097	1.2326	.27634	.45126	.29740	.15292

#1	.18335	.18018	1.4591	.39948	.18915	.30382	3.0103
#2	.18384	.17980	1.4723	.39919	.18892	.30531	3.0095
#3	.18323	.17946	1.4951	.40123	.18758	.30368	3.0178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20493	1.8357	.47713	.06877	2.8146	.30416	.18329
Stddev	.00066	.0268	.00010	.00053	.0213	.00067	.00082
%RSD	.32041	1.4597	.02180	.76906	.75694	.21903	.44574

#1	.20526	1.8087	.47714	.06923	2.8025	.30407	.18412
#2	.20417	1.8362	.47723	.06819	2.8020	.30486	.18327
#3	.20535	1.8622	.47703	.06889	2.8392	.30354	.18248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7616	.40272	.28519	F .03385	.86253	.64759	.19470
Stddev	.0974	.00104	.00726	.00177	.00862	.00188	.00063
%RSD	.99812	.25704	2.5471	5.2316	.99992	.29066	.32352

#1	9.7642	.40391	.27872	.03571	.86679	.64931	.19411
#2	9.6629	.40201	.28382	.03364	.86819	.64787	.19536
#3	9.8577	.40224	.29305	.03219	.85260	.64558	.19462

Sample Name: PB120714BS Acquired: 6/18/2019 17:23:22 Type: Unk
 Method: P4-ICP2(v3211) 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	.21666	5.202	.20697	F 1.7200	F<.00000
Stddev	.00036	.026	.00022	.1849	.26552
%RSD	.16548	.5074	.10867	10.752	4.5421

#1	.21627	5.233	.20672	1.5223	-6.1330
#2	.21698	5.189	.20705	1.7491	-5.6094
#3	.21672	5.186	.20715	1.8887	-5.7946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.8	43707.	3990.8	73.364	3565.2
Stddev	10.4	87.	28.6	.913	15.3
%RSD	.31368	.19805	.71709	1.2445	.42792

#1	3299.3	43628.	3971.8	73.400	3552.5
#2	3310.1	43799.	3976.8	72.433	3561.1
#3	3320.0	43694.	4023.7	74.258	3582.1

Sample Name: K3348-01DLX10 Acquired: 6/18/2019 17:27:28 Type: Unk
Method: P4-ICP2(v3211) 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	.00228	.00245	.00415	-.00143	-.00060	.03183	.00171	.00002
Stddev	.00335	.00223	.00048	.00244	.00047	.00394	.00066	.00006
%RSD	146.88	91.181	11.625	171.10	79.115	12.392	38.902	328.97
#1	-.00108	-.00011	.00400	.00094	-.00112	.03144	.00181	.00008
#2	.00562	.00398	.00376	-.00393	-.00019	.03596	.00100	.00000
#3	.00230	.00348	.00469	-.00128	-.00049	.02809	.00232	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.94445	.00323	.00061	.01938	.07794	.03946	.29108
Stddev	.00003	.00634	.00024	.00008	.00011	.00024	.00020	.02183
%RSD	62.389	.67157	7.4660	12.838	.56656	.30709	.51062	7.5010
#1	.00005	.94663	.00297	.00057	.01932	.07821	.03950	.27313
#2	.00007	.94941	.00329	.00070	.01931	.07778	.03964	.31538
#3	.00001	.93730	.00344	.00056	.01950	.07783	.03924	.28472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09696	-.00027	221.56	-.00010	.00887	94.844	.00074	3.8712
Stddev	.00075	.00017	.62	.00021	.00012	.257	.00010	.0118
%RSD	.76896	63.146	.27881	217.85	1.3739	.27054	12.860	.30392
#1	.09610	-.00042	220.85	.00006	.00888	94.600	.00084	3.8655
#2	.09743	-.00009	222.00	-.00033	.00899	95.111	.00065	3.8847
#3	.09736	-.00030	221.82	-.00002	.00875	94.821	.00074	3.8634
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 157.66	.95598	-.05847	-.00218	.01172	.4594	.01178	4.3960
Stddev	.32	.00186	.00061	.00147	.00147	.0014	.00005	.2635
%RSD	.20394	.19426	1.0441	67.720	12.572	.2994	.40433	5.9941
#1	157.44	.95812	-.05832	-.00098	.01017	.4579	.01172	4.6480
#2	157.52	.95475	-.05914	-.00172	.01190	.4605	.01179	4.1224
#3	158.03	.95507	-.05794	-.00383	.01310	.4598	.01181	4.4174

Sample Name: K3348-01DLX10 Acquired: 6/18/2019 17:27:28 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.3532
Stddev 1.1150
%RSD 15.163

#1 8.6344
#2 6.6037
#3 6.8213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.4	40258.	3921.2	71.801	3160.1
Stddev	3.2	157.	24.3	1.469	3.5
%RSD	.10165	.38990	.62062	2.0463	.11082

#1	3138.4	40081.	3907.4	72.159	3158.3
#2	3138.8	40313.	3949.3	73.058	3157.8
#3	3144.1	40380.	3906.8	70.186	3164.1

Sample Name: K3348-01DUPDLX10 Acquired: 6/18/2019 17:31:52 Type: Unk
Method: P4-ICP2(v3211) 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	.00262	.00200	.00453	.00000	-.00025	.08081	.00217	.00004
Stddev	.00205	.00033	.00041	.00196	.00123	.01289	.00059	.00002
%RSD	78.216	16.470	8.9393	260170.	493.97	15.951	27.277	45.491
#1	.00475	.00164	.00496	.00172	.00043	.09155	.00160	.00004
#2	.00245	.00229	.00448	.00041	.00049	.06652	.00278	.00005
#3	.00066	.00205	.00416	-.00213	-.00166	.08436	.00213	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.94565	.00321	.00076	.01904	.07798	.03951	.29876
Stddev	.00009	.01334	.00038	.00007	.00032	.00083	.00015	.03250
%RSD	196.50	1.4104	11.881	8.8678	1.7003	1.0668	.37951	10.877
#1	.00013	.93196	.00284	.00075	.01941	.07703	.03936	.29024
#2	.00006	.95860	.00320	.00069	.01891	.07858	.03966	.33467
#3	-.00005	.94638	.00360	.00083	.01880	.07832	.03951	.27138
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09682	-.00018	220.36	.00026	.01983	94.579	.00054	3.8619
Stddev	.00026	.00020	1.10	.00024	.00012	.472	.00003	.0086
%RSD	.26364	111.42	.50122	89.405	.61412	.49950	5.9700	.22220
#1	.09711	-.00008	219.47	.00054	.01971	94.190	.00051	3.8520
#2	.09671	-.00042	220.01	.00013	.01981	94.442	.00056	3.8656
#3	.09664	-.00005	221.59	.00012	.01995	95.105	.00056	3.8679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 158.12	.93982	-.05889	-.00031	.01510	.4597	.01169	4.2665
Stddev	.31	.00094	.00040	.00201	.00258	.0020	.00015	.1938
%RSD	.19668	.09976	.68512	639.43	17.071	.4456	1.2586	4.5434
#1	157.84	.93954	-.05853	-.00183	.01608	.4588	.01158	4.1081
#2	158.46	.94087	-.05881	-.00107	.01217	.4621	.01164	4.4826
#3	158.06	.93906	-.05933	.00196	.01704	.4583	.01186	4.2088

Sample Name: K3348-01DUPDLX10 Acquired: 6/18/2019 17:31:52 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.3798
Stddev .3045
%RSD 4.1263

#1 7.0335
#2 7.6058
#3 7.5002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.6	40066.	3939.9	71.810	3149.4
Stddev	4.7	155.	18.6	.739	3.7
%RSD	.15009	.38564	.47229	1.0296	.11697

#1	3143.5	40025.	3924.6	71.184	3153.6
#2	3138.3	40237.	3960.6	72.626	3146.5
#3	3134.1	39936.	3934.4	71.621	3148.2

Sample Name: K3348-01LDLX50 Acquired: 6/18/2019 17:36:17 Type: Unk
Method: P4-ICP2(v3211) 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	.00118	.00195	.00237	.00005	.00053	.03679	-.00018	.00005
Stddev	.00128	.00050	.00072	.00137	.00072	.01144	.00042	.00003
%RSD	108.75	25.488	30.251	3030.8	137.66	31.082	234.67	45.815
#1	-.00006	.00208	.00320	.00069	.00003	.02862	-.00056	.00008
#2	.00110	.00237	.00198	-.00153	.00020	.03190	.00027	.00003
#3	.00249	.00140	.00194	.00097	.00136	.04986	-.00025	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.19385	.00109	.00037	.00415	.01605	.00820	-.00827
Stddev	.00003	.01285	.00029	.00013	.00011	.00059	.00006	.05524
%RSD	25.346	6.6287	26.604	34.402	2.7313	3.6491	.73478	667.74
#1	.00016	.17910	.00134	.00025	.00421	.01558	.00823	-.03337
#2	.00010	.19984	.00116	.00036	.00422	.01671	.00813	-.04651
#3	.00011	.20262	.00077	.00051	.00402	.01588	.00823	.05506
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01929	-.00002	43.783	-.00009	.00494	18.647	.00025	.77113
Stddev	.00027	.00035	.080	.00007	.00011	.043	.00008	.00523
%RSD	1.4236	1468.9	.18222	76.055	2.1436	.23160	34.005	.67886
#1	.01915	.00017	43.709	-.00002	.00503	18.660	.00030	.76642
#2	.01961	-.00043	43.867	-.00010	.00482	18.682	.00015	.77677
#3	.01912	.00019	43.773	-.00016	.00497	18.599	.00029	.77020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.880	.19756	-.01127	-.00112	.00513	.0855	.00241	3.1987
Stddev	.108	.00133	.00021	.00137	.00069	.0009	.00005	.3071
%RSD	.36154	.67104	1.8755	122.64	13.446	1.001	1.9585	9.6004
#1	29.805	.19852	-.01103	-.00008	.00436	.0861	.00247	3.4506
#2	29.832	.19605	-.01135	-.00268	.00534	.0845	.00238	2.8566
#3	30.004	.19811	-.01143	-.00060	.00568	.0859	.00240	3.2888

Sample Name: K3348-01LDLX50 Acquired: 6/18/2019 17:36:17 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3233
Stddev	.8484
%RSD	36.514

#1	2.9097
#2	2.7097
#3	1.3506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.6	41903.	3959.1	72.478	3445.8
Stddev	9.7	146.	10.6	1.345	12.1
%RSD	.29703	.34843	.26755	1.8552	.35071

#1	3259.1	41774.	3958.8	72.713	3444.6
#2	3271.0	41874.	3948.7	71.031	3458.5
#3	3251.8	42062.	3969.9	73.689	3434.4

Sample Name: K3348-01MSDLX10 Acquired: 6/18/2019 17:40:43 Type: Unk
Method: P4-ICP2(v3211) 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	.08611	.20784	.10653	.21644	.08364	.31933	.02334	.02175
Stddev	.00326	.00107	.00110	.00174	.00059	.00682	.00092	.00012
%RSD	3.7906	.51702	1.0298	.80489	.70846	2.1356	3.9515	.55762
#1	.08369	.20765	.10621	.21734	.08432	.32544	.02382	.02164
#2	.08482	.20688	.10564	.21756	.08338	.32057	.02228	.02173
#3	.08983	.20900	.10776	.21444	.08323	.31197	.02392	.02188
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02150	1.1307	.04654	.02243	.05181	.41129	.06158	.53971
Stddev	.00003	.0215	.00045	.00013	.00033	.00253	.00033	.04074
%RSD	.14876	1.9011	.95897	.56517	.64465	.61449	.54296	7.5492
#1	.02148	1.1165	.04637	.02257	.05143	.40958	.06138	.55604
#2	.02154	1.1201	.04621	.02236	.05206	.41009	.06140	.49333
#3	.02148	1.1554	.04705	.02235	.05194	.41419	.06197	.56975
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15067	.00750	219.05	.03352	.04204	95.250	.04347	3.8648
Stddev	.00030	.00054	1.25	.00028	.00029	.505	.00021	.0250
%RSD	.20047	7.2106	.57017	.84175	.69283	.53030	.47879	.64755
#1	.15041	.00698	218.69	.03356	.04230	95.220	.04360	3.8441
#2	.15061	.00806	218.03	.03323	.04211	94.760	.04357	3.8578
#3	.15101	.00745	220.45	.03379	.04173	95.769	.04323	3.8926
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 156.93	1.0426	.01769	.01968	.03681	1.132	.03333	4.1582
Stddev	.46	.0026	.00089	.00037	.00143	.005	.00020	.1724
%RSD	.29370	.24798	5.0412	1.8917	3.8964	.4313	.60521	4.1459
#1	156.56	1.0448	.01871	.02005	.03516	1.128	.03341	4.1742
#2	157.45	1.0398	.01708	.01931	.03764	1.137	.03310	4.3220
#3	156.80	1.0433	.01727	.01967	.03764	1.130	.03347	3.9783

Sample Name: K3348-01MSDLX10 Acquired: 6/18/2019 17:40:43 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.7696
Stddev	1.5951
%RSD	23.563

#1	4.9507
#2	7.4276
#3	7.9304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3124.1	40136.	3895.0	71.010	3141.0
Stddev	8.0	173.	30.2	1.843	5.2
%RSD	.25619	.43044	.77425	2.5954	.16582

#1	3120.2	39938.	3865.7	72.709	3144.0
#2	3118.8	40211.	3893.2	69.051	3135.0
#3	3133.3	40258.	3926.0	71.271	3144.0

Sample Name: K3348-01MSDDLX10 Acquired: 6/18/2019 17:45:04 Type: Unk
Method: P4-ICP2(v3211) 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	.08266	.20207	.10196	.20649	.07984	.23727	.02255	.02088
Stddev	.00357	.00181	.00138	.00138	.00132	.00656	.00025	.00011
%RSD	4.3181	.89798	1.3527	.66987	1.6558	2.7649	1.0947	.53335
#1	.08589	.20410	.10037	.20646	.08032	.23767	.02228	.02097
#2	.07883	.20062	.10271	.20788	.08085	.23052	.02276	.02075
#3	.08324	.20148	.10281	.20512	.07834	.24362	.02261	.02091
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02068	1.0325	.04475	.02134	.04979	.39332	.05876	.46289
Stddev	.00009	.0038	.00030	.00027	.00035	.00055	.00019	.01778
%RSD	.45654	.37134	.66925	1.2554	.70206	.13869	.31773	3.8402
#1	.02077	1.0288	.04467	.02117	.04967	.39274	.05854	.44291
#2	.02069	1.0323	.04449	.02165	.05018	.39340	.05885	.47694
#3	.02058	1.0365	.04508	.02119	.04951	.39382	.05888	.46881
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14473	.00721	210.13	.03259	.02588	91.143	.04185	3.7083
Stddev	.00080	.00036	.57	.00012	.00012	.269	.00009	.0509
%RSD	.55122	5.0196	.27287	.38304	.45969	.29509	.22477	1.3720
#1	.14429	.00691	209.85	.03267	.02593	91.142	.04175	3.7410
#2	.14425	.00761	209.76	.03245	.02574	90.874	.04187	3.6497
#3	.14565	.00712	210.79	.03265	.02596	91.412	.04193	3.7342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 150.19	.99987	.01647	.01799	.03720	1.082	.03185	3.9468
Stddev	.42	.00998	.00088	.00142	.00192	.002	.00009	.0618
%RSD	.27935	.99846	5.3560	7.8713	5.1582	.2247	.27762	1.5657
#1	150.61	.99031	.01549	.01649	.03499	1.084	.03176	3.9072
#2	149.77	1.0102	.01720	.01819	.03816	1.079	.03188	4.0180
#3	150.19	.99906	.01671	.01930	.03844	1.082	.03193	3.9153

Sample Name: K3348-01MSDDLX10 Acquired: 6/18/2019 17:45:04 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8700
Stddev	1.3891
%RSD	23.664

#1	4.4222
#2	7.1917
#3	5.9962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.7	39946.	3876.8	70.453	3156.6
Stddev	10.0	71.	14.0	.112	9.2
%RSD	.31975	.17652	.36040	.15939	.29032

#1	3134.1	39966.	3890.3	70.541	3152.1
#2	3150.2	40004.	3862.4	70.492	3167.2
#3	3131.8	39867.	3877.8	70.327	3150.6

Sample Name: K3348-01ADLX10 Acquired: 6/18/2019 17:49:26 Type: Unk
Method: P4-ICP2(v3211) 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	.08217	.20603	.10552	.21255	.08196	.25890	.02314	.02139
Stddev	.00163	.00257	.00047	.00356	.00102	.00260	.00071	.00007
%RSD	1.9781	1.2455	.44248	1.6734	1.2489	1.0052	3.0762	.30486
#1	.08251	.20309	.10590	.21590	.08302	.26073	.02358	.02131
#2	.08041	.20782	.10500	.21293	.08188	.25592	.02232	.02144
#3	.08361	.20718	.10566	.20881	.08098	.26005	.02353	.02141
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02110	1.0797	.04579	.02192	.05120	.40538	.06017	.47676
Stddev	.00016	.0105	.00046	.00008	.00019	.00280	.00037	.02509
%RSD	.74296	.97184	1.0099	.38359	.37439	.69097	.61142	5.2628
#1	.02127	1.0689	.04528	.02188	.05142	.40218	.05975	.48125
#2	.02102	1.0805	.04619	.02201	.05108	.40739	.06044	.49930
#3	.02099	1.0899	.04590	.02186	.05110	.40657	.06032	.44973
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14812	.00732	214.18	.03350	.02645	93.115	.04277	3.7919
Stddev	.00033	.00062	1.86	.00024	.00014	.803	.00013	.0368
%RSD	.22569	8.4193	.86632	.72564	.53762	.86274	.29727	.97042
#1	.14803	.00789	212.04	.03343	.02651	92.204	.04281	3.7509
#2	.14784	.00667	215.32	.03376	.02628	93.722	.04287	3.8028
#3	.14849	.00739	215.18	.03329	.02655	93.419	.04263	3.8220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 154.05	1.0262	.01752	.01880	.04018	1.108	.03286	4.2678
Stddev	.14	.0042	.00061	.00274	.00016	.002	.00005	.2849
%RSD	.09009	.41258	3.4536	14.557	.40759	.2192	.16303	6.6768
#1	154.21	1.0296	.01683	.02187	.04029	1.109	.03284	4.0741
#2	154.00	1.0215	.01788	.01661	.04025	1.105	.03281	4.5950
#3	153.95	1.0277	.01787	.01792	.03999	1.109	.03292	4.1343

Sample Name: K3348-01ADLX10 Acquired: 6/18/2019 17:49:26 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.0498
Stddev	1.8814
%RSD	26.687

#1	6.6731
#2	9.0910
#3	5.3852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.1	39839.	3859.1	71.185	3133.2
Stddev	8.7	102.	30.0	1.596	3.9
%RSD	.28077	.25527	.77854	2.2425	.12494

#1	3106.1	39954.	3824.4	69.569	3129.6
#2	3119.7	39760.	3876.5	71.225	3137.3
#3	3122.5	39804.	3876.5	72.761	3132.6

Sample Name: CCV04 Acquired: 6/18/2019 17:53:48 Type: Unk
Method: P4-ICP2(v3211) 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	4.9191	4.9631	4.7597	4.9618	4.8888	9.8715	9.8626	.24709
Stddev	.0028	.0059	.0090	.0057	.0114	.0769	.0810	.00062
%RSD	.05645	.11920	.18854	.11423	.23326	.77907	.82148	.24948
#1	4.9220	4.9672	4.7629	4.9683	4.9018	9.8421	9.9057	.24737
#2	4.9190	4.9564	4.7495	4.9580	4.8843	9.8136	9.7692	.24638
#3	4.9164	4.9658	4.7666	4.9590	4.8803	9.9588	9.9130	.24752
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4374	24.731	.98423	2.4051	1.2420	4.9571	2.4950	24.186
Stddev	.0022	.233	.00478	.0022	.0037	.0151	.0086	.292
%RSD	.09174	.94320	.48526	.09192	.30191	.30401	.34618	1.2068
#1	2.4400	24.737	.98853	2.4072	1.2418	4.9717	2.5028	24.135
#2	2.4361	24.495	.97909	2.4053	1.2459	4.9416	2.4857	23.923
#3	2.4361	24.961	.98506	2.4028	1.2384	4.9582	2.4966	24.500
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4542	1.2388	24.917	2.5027	F 2.3740	25.494	4.9893	4.7921
Stddev	.0048	.0057	.172	.0062	.0024	.193	.0086	.0527
%RSD	.19707	.46359	.69064	.24763	.10303	.75567	.17336	1.0996
#1	2.4595	1.2434	25.004	2.5089	2.3750	25.537	4.9961	4.7922
#2	2.4529	1.2324	24.719	2.4965	2.3712	25.284	4.9922	4.7393
#3	2.4501	1.2408	25.028	2.5029	2.3758	25.662	4.9795	4.8447
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9287	4.9272	4.9547	4.8795	5.1449	4.980	5.0217	F 3.7041
Stddev	.0186	.0586	.0141	.0170	.0273	.009	.0304	.2209
%RSD	.37764	1.1892	.28358	.34803	.52968	.1781	.60591	5.9644
#1	4.9484	4.9078	4.9626	4.8644	5.1290	4.990	5.0183	3.5066
#2	4.9263	4.9930	4.9630	4.8979	5.1764	4.973	5.0537	3.6630
#3	4.9114	4.8808	4.9385	4.8762	5.1294	4.976	4.9931	3.9427

Sample Name: CCV04 Acquired: 6/18/2019 17:53:48 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .54356
Stddev	.26201
%RSD	48.203

#1	.84225
#2	.35254
#3	.43588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3171.9	40960.	3898.5	68.013	3196.4
Stddev	4.9	225.	40.0	1.260	3.3
%RSD	.15567	.54846	1.0249	1.8519	.10247

#1	3167.6	40733.	3896.4	69.314	3193.2
#2	3170.9	41182.	3859.7	66.800	3196.3
#3	3177.3	40964.	3939.5	67.926	3199.8

Sample Name: CCB04 Acquired: 6/18/2019 17:57:46 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	.00219	.00107	.00055	.00140	.03284	-.00049	.00009
Stddev	.00108	.00026	.00044	.00013	.00063	.01270	.00033	.00003
%RSD	42.174	11.766	41.023	23.651	44.995	38.675	68.497	36.689
#1	.00210	.00196	.00157	.00064	.00068	.02876	-.00079	.00013
#2	.00179	.00215	.00079	.00040	.00185	.02267	-.00013	.00007
#3	.00380	.00247	.00085	.00061	.00167	.04708	-.00054	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00291	.00021	.00029	.00029	-.00021	.00001	-.04210
Stddev	.00004	.01237	.00019	.00010	.00010	.00040	.00002	.01693
%RSD	14.323	425.88	89.533	33.784	34.658	188.30	229.68	40.225
#1	.00023	.01695	.00009	.00025	.00035	-.00018	.00000	-.06158
#2	.00029	-.00638	.00012	.00021	.00017	.00017	.00004	-.03089
#3	.00022	-.00185	.00044	.00040	.00034	-.00062	-.00001	-.03383
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00005	.03216	.00015	-.00064	.30330	.00107	.02562
Stddev	.00034	.00017	.00994	.00026	.00008	.01596	.00024	.00584
%RSD	40.898	367.00	30.901	173.55	12.906	5.2614	22.379	22.811
#1	.00087	.00010	.04358	.00018	-.00066	.32005	.00131	.02536
#2	.00116	-.00023	.02742	.00039	-.00055	.30159	.00109	.03158
#3	.00048	-.00000	.02548	-.00012	-.00071	.28827	.00083	.01990
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02673	-.00024	-.00016	-.00267	.00346	.0003	.00019	1.4680
Stddev	.00250	.00080	.00059	.00173	.00122	.0005	.00013	.0640
%RSD	9.3675	331.02	373.22	64.651	35.265	159.3	71.233	4.3627
#1	.02876	-.00116	.00052	-.00160	.00253	.0007	.00034	1.4949
#2	.02750	.00032	-.00044	-.00467	.00484	-.0002	.00010	1.3949
#3	.02393	.00011	-.00056	-.00175	.00301	.0004	.00013	1.5142

Sample Name: CCB04 Acquired: 6/18/2019 17:57:46 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.6625
 %RSD 118.53

#1 -1.2079
 #2 .15404
 #3 -3.1538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.7	43375.	4013.6	75.808	3650.4
Stddev	8.0	46.	106.9	.964	.6
%RSD	.23918	.10491	2.6632	1.2712	.01571

#1	3334.9	43424.	4133.9	75.925	3650.2
#2	3342.6	43364.	3929.4	76.708	3650.0
#3	3326.6	43335.	3977.5	74.792	3651.1

Sample Name: PB120714TB Acquired: 6/18/2019 18:02:14 Type: Unk
Method: P4-ICP2(v3211) 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	.00035	.00109	.00235	-.00161	.00140	F .03461	-.00051	-.00003
Stddev	.00215	.00039	.00044	.00191	.00052	.01828	.00008	.00005
%RSD	618.69	36.198	18.659	118.58	37.031	52.835	16.159	160.88
#1	-.00104	.00067	.00187	.00047	.00148	.02416	-.00047	-.00001
#2	-.00075	.00114	.00243	-.00327	.00188	.02394	-.00061	-.00008
#3	.00283	.00145	.00273	-.00202	.00085	.05572	-.00046	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.03067	.00105	.00021	.00017	.00517	.00022	-.04203
Stddev	.00001	.01495	.00014	.00017	.00040	.00046	.00002	.03195
%RSD	18.322	48.739	13.511	82.560	231.20	8.8877	7.1234	76.022
#1	.00007	.04310	.00106	.00039	.00033	.00484	.00021	-.05016
#2	.00007	.01408	.00090	.00019	-.00028	.00497	.00023	-.00680
#3	.00005	.03481	.00118	.00005	.00047	.00569	.00021	-.06912
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	.00104	F 323.49	.00016	F .01174	F .57963	.00065	.02319
Stddev	.00011	.00039	4.02	.00038	.00007	.08931	.00004	.00783
%RSD	9.0003	37.646	1.2424	244.69	.58463	15.408	5.5205	33.746
#1	.00122	.00136	319.21	-.00022	.01167	.49422	.00061	.02247
#2	.00115	.00060	324.07	.00014	.01180	.57230	.00067	.03135
#3	.00137	.00115	327.19	.00054	.01176	.67238	.00067	.01575
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03664	.00621	.00128	-.00030	F .00739	.0009	.00010	F 3.9082
Stddev	.00171	.00221	.00016	.00090	.00183	.0009	.00003	.2552
%RSD	4.6562	35.582	12.667	302.68	24.722	96.44	32.635	6.5293
#1	.03525	.00850	.00117	.00060	.00861	.0019	.00014	3.9335
#2	.03854	.00409	.00119	-.00119	.00529	.0002	.00009	3.6413
#3	.03612	.00606	.00146	-.00030	.00826	.0006	.00008	4.1498

Sample Name: PB120714TB Acquired: 6/18/2019 18:02:14 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 7.0858
Stddev	.8076
%RSD	11.397

#1	6.7821
#2	6.4741
#3	8.0012

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.4	40357.	3928.2	73.056	3171.6
Stddev	8.2	71.	36.7	1.496	8.0
%RSD	.26288	.17487	.93456	2.0478	.25183

#1	3126.1	40366.	3898.2	71.725	3165.5
#2	3142.3	40422.	3917.1	74.675	3180.7
#3	3131.9	40282.	3969.1	72.767	3168.7

Sample Name: K3157-03 Acquired: 6/18/2019 18:06:51 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02155	.01750	.21640	.01414	.00976	155.87	.69313
Stddev	.00198	.00219	.00123	.00402	.00198	1.33	.00533
%RSD	9.2036	12.501	.57017	28.446	20.342	.85255	.76953

#1	.02279	.01935	.21586	.01719	.01069	154.54	.68767
#2	.01927	.01509	.21552	.01563	.00748	155.86	.69337
#3	.02260	.01806	.21781	.00958	.01110	157.20	.69833

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00866	.00026	149.61	.23786	.14623	.42210	245.05
Stddev	.00016	.00011	1.05	.00128	.00016	.00111	1.47
%RSD	1.8952	43.952	.70506	.53800	.10660	.26268	.59989

#1	.00867	.00039	148.83	.23865	.14632	.42317	244.97
#2	.00883	.00019	149.17	.23855	.14632	.42218	243.62
#3	.00850	.00019	150.81	.23638	.14605	.42095	246.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4202	80.779	.25220	-.03354	11.721	.53911	.65376
Stddev	.0088	.544	.00083	.00065	.075	.00016	.00291
%RSD	.19816	.67311	.32823	1.9436	.63570	.02966	.44486

#1	4.4202	80.324	.25188	-.03354	11.669	.53920	.65050
#2	4.4114	80.631	.25314	-.03419	11.689	.53921	.65608
#3	4.4290	81.381	.25158	-.03289	11.807	.53893	.65470

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.081	.00812	.22999	9.8037	2.2521	.02258	4.5180
Stddev	.183	.00029	.00538	.0178	.0151	.00067	.0475
%RSD	.86997	3.5155	2.3374	.18127	.67160	2.9704	1.0509

#1	20.969	.00841	.22819	9.8006	2.2628	.02215	4.4634
#2	20.982	.00813	.22575	9.8228	2.2348	.02223	4.5414
#3	21.293	.00784	.23604	9.7877	2.2587	.02335	4.5493

Sample Name: K3157-03 Acquired: 6/18/2019 18:06:51 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20709	8.918	.14005	<.00000	F<.00000
Stddev	.00223	.013	.00284	.10112	1.9411
%RSD	1.0764	.1404	2.0249	1.8317	1.4995

#1	.20454	8.912	.13687	-5.5626	-128.09
#2	.20865	8.932	.14098	-5.5939	-131.67
#3	.20808	8.909	.14230	-5.4052	-128.59

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.5	47774.	4729.8	66.886	2990.0
Stddev	14.7	185.	14.5	.520	15.7
%RSD	.39946	.38672	.30623	.77676	.52363

#1	3700.3	47604.	4719.4	66.345	3008.1
#2	3676.9	47971.	4746.3	67.381	2981.8
#3	3673.2	47748.	4723.5	66.931	2980.3

Sample Name: K3157-05 Acquired: 6/18/2019 18:11:26 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01713	.01222	.19102	.01543	.00811	125.78	.57896
Stddev	.00223	.00037	.00076	.00035	.00127	.71	.00247
%RSD	13.002	3.0299	.39728	2.2777	15.596	.56289	.42642

#1	.01968	.01234	.19130	.01567	.00852	125.40	.57783
#2	.01612	.01181	.19160	.01503	.00913	125.35	.57726
#3	.01558	.01252	.19016	.01560	.00670	126.60	.58179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	.00042	139.70	.23461	.16219	.51505	217.67
Stddev	.00009	.00026	.16	.00032	.00019	.00185	1.50
%RSD	1.2687	63.524	.11525	.13760	.11838	.35938	.68831

#1	.00726	.00011	139.70	.23425	.16233	.51330	219.30
#2	.00736	.00055	139.53	.23468	.16197	.51698	217.38
#3	.00718	.00059	139.86	.23489	.16226	.51486	216.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7311	88.664	.28825	-.02934	11.443	.51864	.57834
Stddev	.0268	.197	.00082	.00086	.027	.00210	.00045
%RSD	.71772	.22269	.28366	2.9203	.23344	.40436	.07785

#1	3.7555	88.457	.28876	-.02836	11.460	.51622	.57829
#2	3.7025	88.684	.28731	-.02984	11.412	.51985	.57792
#3	3.7354	88.851	.28869	-.02984	11.456	.51986	.57881

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.240	.00917	.25134	F 11.119	1.7356	.01795	5.8008
Stddev	.100	.00019	.00750	.018	.0104	.00075	.0116
%RSD	.43169	2.0961	2.9857	.16206	.60058	4.1625	.19954

#1	23.332	.00905	.25932	11.135	1.7452	.01729	5.8137
#2	23.133	.00907	.24443	11.100	1.7370	.01779	5.7973
#3	23.255	.00939	.25028	11.124	1.7245	.01876	5.7914

Sample Name: K3157-05 Acquired: 6/18/2019 18:11:26 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18713	F 10.44	.05298	<.00000	F<.00000
Stddev	.00060	.02	.00228	.25421	2.4855
%RSD	.32148	.1859	4.3065	4.3106	1.9097
#1	.18664	10.46	.05064	-6.1701	-127.53
#2	.18780	10.43	.05310	-5.6669	-130.44
#3	.18694	10.43	.05520	-5.8552	-132.47
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.9	49141.	4855.9	66.513	2987.8
Stddev	6.8	293.	17.7	1.512	4.4
%RSD	.18154	.59576	.36535	2.2734	.14865
#1	3772.1	48807.	4836.0	68.245	2983.3
#2	3763.5	49354.	4861.6	65.455	2987.9
#3	3777.0	49261.	4870.1	65.839	2992.2

Sample Name: K3157-07 Acquired: 6/18/2019 18:16:00 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02751	.01463	.26890	.01625	.00802	153.74	.79646
Stddev	.00222	.00066	.00142	.00307	.00030	.67	.00030
%RSD	8.0557	4.4995	.52775	18.880	3.7894	.43865	.03824

#1	.02999	.01389	.27046	.01494	.00828	152.96	.79626
#2	.02684	.01488	.26768	.01976	.00809	154.17	.79681
#3	.02571	.01513	.26856	.01406	.00769	154.09	.79631

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00888	.00233	145.89	.28616	.16459	.51017	242.86
Stddev	.00024	.00022	.32	.00034	.00060	.00063	.38
%RSD	2.7289	9.5371	.21781	.11791	.36619	.12330	.15475

#1	.00869	.00254	145.55	.28640	.16414	.51059	242.72
#2	.00880	.00209	146.18	.28630	.16437	.51048	243.28
#3	.00915	.00235	145.93	.28577	.16528	.50945	242.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4360	82.252	.30263	-.03434	19.689	.62186	.73944
Stddev	.0253	.396	.00028	.00033	.087	.00124	.00187
%RSD	.57023	.48096	.09403	.95260	.44140	.20020	.25269

#1	4.4458	81.820	.30245	-.03470	19.597	.62228	.74076
#2	4.4073	82.596	.30296	-.03427	19.769	.62046	.73730
#3	4.4549	82.339	.30249	-.03406	19.700	.62284	.74025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.177	.00787	.31390	F 11.861	1.9558	.03137	5.0029
Stddev	.115	.00029	.00712	.038	.0167	.00064	.0033
%RSD	.54313	3.6993	2.2685	.32065	.85134	2.0495	.06676

#1	21.053	.00753	.31622	11.817	1.9707	.03116	4.9991
#2	21.195	.00803	.30591	11.883	1.9378	.03085	5.0042
#3	21.281	.00804	.31958	11.882	1.9588	.03209	5.0054

Sample Name: K3157-07 Acquired: 6/18/2019 18:16:00 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20790	F 10.48	.12231	<.00000	F<.00000
Stddev	.00037	.01	.00098	.31244	1.8409
%RSD	.17701	.1278	.79757	4.7113	1.3262
#1	.20828	10.47	.12341	-6.6177	-139.20
#2	.20755	10.50	.12154	-6.3264	-136.80
#3	.20786	10.48	.12199	-6.9508	-140.42
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.7	49138.	4885.7	68.629	2981.2
Stddev	13.4	88.	32.6	.811	8.0
%RSD	.35516	.17837	.66694	1.1811	.26950
#1	3756.5	49119.	4852.6	67.776	2974.8
#2	3783.2	49061.	4886.6	69.389	2990.2
#3	3769.3	49233.	4917.8	68.723	2978.5

Sample Name: K3157-09 Acquired: 6/18/2019 18:20:34 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03448	.01418	.47071	.01558	.00829	141.96	.76006
Stddev	.00233	.00205	.00108	.00298	.00187	1.19	.00627
%RSD	6.7694	14.440	.22871	19.104	22.567	.84050	.82479

#1	.03533	.01231	.47082	.01308	.00721	140.90	.75602
#2	.03627	.01386	.46958	.01887	.01045	141.73	.75687
#3	.03184	.01637	.47173	.01479	.00721	143.25	.76728

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00797	.00051	105.40	.25384	.14191	.56606	217.53
Stddev	.00007	.00014	.51	.00113	.00054	.00144	1.08
%RSD	.87759	26.794	.48289	.44475	.38135	.25351	.49499

#1	.00790	.00066	105.02	.25482	.14253	.56770	216.30
#2	.00799	.00039	105.20	.25410	.14167	.56541	218.05
#3	.00803	.00047	105.98	.25261	.14153	.56506	218.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5295	61.349	.25319	-.02790	11.124	.50390	.87055
Stddev	.0216	.554	.00139	.00051	.077	.00043	.00191
%RSD	.47640	.90360	.54916	1.8233	.68949	.08510	.21906

#1	4.5054	60.916	.25436	-.02838	11.078	.50416	.87084
#2	4.5362	61.157	.25165	-.02795	11.081	.50413	.86852
#3	4.5470	61.974	.25357	-.02737	11.213	.50340	.87230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.534	.00694	.45726	F 11.822	1.6311	.06274	3.5068
Stddev	.105	.00024	.00310	.056	.0052	.00078	.0241
%RSD	.67528	3.5160	.67744	.47367	.31732	1.2441	.68681

#1	15.468	.00679	.45416	11.884	1.6284	.06289	3.4799
#2	15.480	.00722	.46036	11.807	1.6278	.06190	3.5141
#3	15.655	.00681	.45726	11.775	1.6370	.06344	3.5264

Sample Name: K3157-09 Acquired: 6/18/2019 18:20:34 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15356	8.940	-.00790	<.00000	F<.00000
Stddev	.00169	.024	.00120	.37968	1.4558
%RSD	1.1008	.2709	15.219	6.0690	1.2630

#1	.15266	8.967	-.00665	-6.6860	-114.59
#2	.15551	8.932	-.00904	-6.1155	-116.94
#3	.15252	8.921	-.00802	-5.9667	-114.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.2	49160.	4862.1	67.613	3079.7
Stddev	3.0	30.	17.3	.766	1.9
%RSD	.07821	.06010	.35662	1.1328	.06108

#1	3790.9	49126.	4843.6	67.797	3080.3
#2	3788.7	49179.	4864.7	66.771	3081.2
#3	3785.1	49176.	4878.0	68.270	3077.6

Sample Name: K3158-03 Acquired: 6/18/2019 18:25:07 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02213	.01026	.13654	.01758	.00769	117.69	.50148
Stddev	.00278	.00032	.00034	.00101	.00088	.51	.00381
%RSD	12.568	3.0844	.24971	5.7441	11.466	.43170	.75913

#1	.02045	.01060	.13614	.01643	.00746	117.64	.50332
#2	.02534	.01022	.13673	.01798	.00696	117.21	.49711
#3	.02059	.00997	.13673	.01832	.00867	118.22	.50402

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00667	-.00163	103.81	.16855	.11991	.26540	199.13
Stddev	.00014	.00017	.34	.00024	.00027	.00047	.67
%RSD	2.1315	10.419	.32347	.14525	.22207	.17721	.33795

#1	.00658	-.00181	104.01	.16862	.11998	.26579	199.90
#2	.00683	-.00147	103.42	.16827	.11961	.26488	198.71
#3	.00660	-.00160	104.00	.16875	.12013	.26554	198.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0613	72.514	.21095	-.02380	6.1770	.35602	.51520
Stddev	.0226	.308	.00039	.00027	.0479	.00188	.00284
%RSD	.55657	.42430	.18344	1.1432	.77575	.52726	.55147

#1	4.0617	72.431	.21132	-.02385	6.2043	.35774	.51726
#2	4.0385	72.256	.21055	-.02404	6.1217	.35402	.51196
#3	4.0837	72.855	.21097	-.02350	6.2050	.35629	.51639

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.972	.00467	.16983	3.7305	2.1749	.01509	4.0564
Stddev	.095	.00040	.00200	.0129	.0239	.00057	.0186
%RSD	.55859	8.5600	1.1800	.34459	1.0981	3.7815	.45847

#1	17.009	.00488	.17205	3.7323	2.1765	.01532	4.0565
#2	16.865	.00491	.16927	3.7168	2.1979	.01552	4.0377
#3	17.043	.00421	.16817	3.7423	2.1502	.01444	4.0749

Sample Name: K3158-03 Acquired: 6/18/2019 18:25:07 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17832	7.948	-.02032	<.00000	F<.00000
Stddev	.00037	.009	.00137	.11500	1.2602
%RSD	.20704	.1129	6.7329	2.2949	1.3007

#1	.17792	7.958	-.02183	-5.0555	-95.726
#2	.17842	7.943	-.01997	-4.8804	-98.225
#3	.17864	7.941	-.01917	-5.0971	-96.693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.9	48202.	4672.4	69.547	3076.6
Stddev	29.0	168.	15.1	2.655	18.1
%RSD	.78279	.34777	.32394	3.8175	.58795

#1	3685.3	48010.	4669.5	67.011	3063.3
#2	3740.7	48279.	4659.0	72.307	3097.2
#3	3697.8	48318.	4688.8	69.322	3069.3

Sample Name: K3163-09 Acquired: 6/18/2019 18:29:40 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03902	.00109	.18627	.00523	.00741	130.57	.43281
Stddev	.00066	.00123	.00183	.00299	.00088	.04	.00079
%RSD	1.6803	113.15	.98419	57.257	11.905	.03241	.18279

#1	.03875	.00156	.18599	.00447	.00841	130.52	.43224
#2	.03854	-.00031	.18822	.00269	.00705	130.59	.43248
#3	.03976	.00201	.18459	.00853	.00676	130.60	.43371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00827	.01513	89.628	.17583	.24047	.53168	227.51
Stddev	.00005	.00023	.140	.00091	.00039	.00071	.44
%RSD	.61596	1.4963	.15614	.52037	.16389	.13300	.19214

#1	.00823	.01537	89.627	.17687	.24015	.53241	227.36
#2	.00827	.01508	89.489	.17548	.24091	.53100	227.16
#3	.00833	.01493	89.769	.17515	.24034	.53164	228.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0809	45.175	.26364	-.03818	9.5314	.66085	.75459
Stddev	.0169	.111	.00098	.00042	.0335	.00099	.00236
%RSD	.41365	.24522	.36991	1.1098	.35166	.14925	.31211

#1	4.0933	45.208	.26379	-.03814	9.5250	.65992	.75693
#2	4.0617	45.051	.26453	-.03778	9.5015	.66075	.75464
#3	4.0878	45.265	.26259	-.03863	9.5676	.66188	.75222

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.571	.00550	.35121	9.5222	1.2113	.02163	7.3466
Stddev	.057	.00014	.00728	.0155	.0259	.00075	.0374
%RSD	.45699	2.5735	2.0729	.16279	2.1374	3.4582	.50898

#1	12.522	.00544	.34968	9.5351	1.2178	.02155	7.3864
#2	12.557	.00566	.35914	9.5266	1.1828	.02241	7.3122
#3	12.635	.00540	.34482	9.5050	1.2333	.02092	7.3413

Sample Name: K3163-09 Acquired: 6/18/2019 18:29:40 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12777	F 14.76	-.12828	<.00000	F<.00000
Stddev	.00173	.03	.00039	.18671	2.4770
%RSD	1.3564	.1784	.30571	.90002	1.1718

#1	.12811	14.79	-.12818	-20.707	-211.95
#2	.12590	14.76	-.12795	-20.579	-208.68
#3	.12931	14.74	-.12872	-20.947	-213.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5131.9	67588.	6721.7	67.063	2981.6
Stddev	15.0	166.	46.9	.992	12.0
%RSD	.29206	.24507	.69711	1.4791	.40397

#1	5115.0	67400.	6669.3	68.017	2968.6
#2	5143.7	67715.	6759.6	66.037	2983.6
#3	5137.0	67647.	6736.3	67.137	2992.5

Sample Name: K3163-11 Acquired: 6/18/2019 18:34:13 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02133	.00099	.27225	-.00302	.01264	160.64	.54553
Stddev	.00110	.00086	.00310	.00172	.00101	.93	.00283
%RSD	5.1333	86.695	1.1401	57.001	7.9932	.57703	.51959

#1	.02259	.00010	.27527	-.00344	.01172	159.59	.54226
#2	.02081	.00181	.26907	-.00113	.01248	160.98	.54691
#3	.02059	.00107	.27242	-.00449	.01372	161.35	.54740

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00948	.02160	137.99	.18844	.38536	.80265	287.98
Stddev	.00013	.00037	.85	.00084	.00083	.00045	1.27
%RSD	1.3489	1.7336	.61535	.44351	.21460	.05577	.44047

#1	.00963	.02203	137.03	.18816	.38626	.80294	286.53
#2	.00942	.02143	138.32	.18779	.38519	.80287	288.54
#3	.00939	.02135	138.63	.18939	.38463	.80213	288.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0575	77.272	.33535	-.05350	14.059	.98005	.93407
Stddev	.0567	.536	.00079	.00050	.079	.00478	.00320
%RSD	.70372	.69426	.23410	.93813	.55930	.48781	.34279

#1	8.0096	76.653	.33625	-.05294	13.968	.97454	.93698
#2	8.1201	77.561	.33484	-.05362	14.106	.98247	.93458
#3	8.0428	77.601	.33495	-.05392	14.103	.98313	.93064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.155	.00285	.59304	5.6830	1.3126	.02890	F 11.589
Stddev	.070	.00018	.00693	.0066	.0144	.00114	.037
%RSD	.49122	6.1632	1.1679	.11636	1.0947	3.9535	.32283

#1	14.081	.00288	.58504	5.6896	1.3281	.02769	11.557
#2	14.168	.00267	.59695	5.6831	1.2997	.02996	11.581
#3	14.218	.00301	.59712	5.6763	1.3099	.02905	11.630

Sample Name: K3163-11 Acquired: 6/18/2019 18:34:13 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14358	F 13.45	-.06559	<.00000	F<.00000
Stddev	.00078	.06	.00084	.42465	2.5370
%RSD	.54279	.4534	1.2735	2.2970	.86257
#1	.14351	13.44	-.06476	-18.962	-293.29
#2	.14284	13.51	-.06643	-18.142	-296.97
#3	.14439	13.39	-.06558	-18.358	-292.10
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4692.1	62182.	6223.7	66.268	2847.1
Stddev	7.5	128.	21.5	3.350	7.6
%RSD	.16047	.20620	.34596	5.0548	.26657
#1	4683.6	62314.	6210.1	70.040	2842.5
#2	4694.8	62174.	6248.6	63.640	2842.9
#3	4697.9	62058.	6212.6	65.125	2855.8

Sample Name: K3419-01 Acquired: 6/18/2019 18:38:45 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06435	.00713	.03073	.01069	.00480	47.382	.24806
Stddev	.00080	.00055	.00079	.00063	.00022	.291	.00073
%RSD	1.2406	7.7429	2.5609	5.9369	4.5681	.61515	.29241

#1	.06452	.00686	.03162	.01079	.00468	47.112	.24748
#2	.06348	.00677	.03039	.01001	.00505	47.343	.24782
#3	.06505	.00777	.03016	.01126	.00466	47.691	.24887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	-.00311	24.495	.06558	.04759	.08747	99.881
Stddev	.00011	.00012	.141	.00066	.00005	.00099	.626
%RSD	3.1996	3.9811	.57437	1.0049	.11056	1.1374	.62711

#1	.00362	-.00305	24.368	.06632	.04765	.08848	99.312
#2	.00356	-.00302	24.471	.06534	.04754	.08649	99.778
#3	.00340	-.00325	24.646	.06507	.04759	.08744	100.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9637	13.724	.06961	-.00949	.23084	.12606	.22136
Stddev	.0034	.055	.00062	.00010	.00275	.00075	.00056
%RSD	.11365	.39975	.89274	1.0762	1.1912	.59747	.25491

#1	2.9662	13.660	.06910	-.00961	.22917	.12689	.22201
#2	2.9651	13.757	.07030	-.00942	.23402	.12541	.22108
#3	2.9599	13.754	.06942	-.00945	.22934	.12588	.22099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3109	.00072	.10370	.11399	1.7668	.00354	1.1769
Stddev	.0305	.00019	.00518	.00073	.0069	.00025	.0038
%RSD	.92161	27.103	4.9940	.64124	.38780	6.9520	.32458

#1	3.3137	.00073	.10605	.11444	1.7735	.00329	1.1798
#2	3.2790	.00091	.10729	.11437	1.7598	.00378	1.1726
#3	3.3399	.00052	.09776	.11314	1.7670	.00355	1.1784

Sample Name: K3419-01 Acquired: 6/18/2019 18:38:45 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05862	2.886	-.03768	<.00000	F<.00000
Stddev	.00080	.005	.00049	.25996	.65100
%RSD	1.3618	.1886	1.3136	21.004	1.6593
#1	.05922	2.887	-.03712	-1.4809	-39.378
#2	.05771	2.891	-.03784	-1.2684	-39.799
#3	.05891	2.880	-.03807	-.96373	-38.521
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.8	46305.	4380.0	73.810	3470.3
Stddev	15.3	93.	18.4	.566	10.4
%RSD	.42922	.20089	.41978	.76630	.29970
#1	3549.5	46253.	4362.5	74.020	3458.5
#2	3577.3	46250.	4378.3	73.170	3478.2
#3	3552.6	46413.	4399.1	74.241	3474.3

Sample Name: K3419-03 Acquired: 6/18/2019 18:43:10 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15099	.01056	.55281	.00863	.00799	48.292	.67587	.00342
Stddev	.00462	.00141	.00142	.00304	.00304	.076	.00282	.00015
%RSD	3.0628	13.357	.25687	35.181	38.011	.15724	.41756	4.4007
#1	.15452	.01070	.55121	.00654	.00655	48.269	.67607	.00349
#2	.15270	.01190	.55333	.00724	.01149	48.376	.67858	.00324
#3	.14576	.00909	.55390	.01212	.00595	48.230	.67295	.00352
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	F 2724.4	.04170	.04077	.28342	56.350	1.1997	14.879
Stddev	.00015	33.4	.00017	.00021	.00100	.246	.0014	.047
%RSD	11.047	1.2243	.39856	.51426	.35296	.43666	.11832	.31658
#1	-.00128	2685.9	.04167	.04072	.28226	56.219	1.2013	14.906
#2	-.00152	2745.8	.04156	.04100	.28400	56.634	1.1990	14.824
#3	-.00126	2741.4	.04189	.04059	.28399	56.196	1.1988	14.906
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06667	-.00644	17.409	.07285	.43217	4.8604	.01181	.09074
Stddev	.00052	.00016	.091	.00109	.00172	.0672	.00035	.01809
%RSD	.77491	2.5501	.52072	1.4932	.39907	1.3815	2.9818	19.938
#1	.06624	-.00630	17.397	.07315	.43351	4.7887	.01207	.10131
#2	.06724	-.00639	17.506	.07164	.43277	4.9218	.01141	.10106
#3	.06653	-.00662	17.326	.07376	.43022	4.8706	.01196	.06985
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.657	3.0061	.18345	1.0912	.10486	4.313	8.1798	7.4606
Stddev	.093	.0510	.00176	.0060	.00187	.007	.0992	.2039
%RSD	.33580	1.6979	.96026	.55132	1.7849	.1558	1.2130	2.7335
#1	27.573	3.0006	.18235	1.0859	.10301	4.309	8.0843	7.2493
#2	27.757	2.9581	.18548	1.0977	.10675	4.321	8.1728	7.6562
#3	27.641	3.0597	.18253	1.0899	.10483	4.310	8.2823	7.4762

Sample Name: K3419-03 Acquired: 6/18/2019 18:43:10 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	37.819
Stddev	2.638
%RSD	6.9754

#1	38.787
#2	34.834
#3	39.837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.4	36157.	3808.8	63.753	2521.9
Stddev	15.5	89.	28.5	.913	13.3
%RSD	.55916	.24637	.74821	1.4320	.52598

#1	2780.6	36212.	3833.4	64.654	2536.0
#2	2750.6	36054.	3815.5	63.778	2509.6
#3	2759.1	36204.	3777.6	62.828	2520.2

Sample Name: CCV05 Acquired: 6/18/2019 18:47:49 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15136 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8898	4.9109	4.7158	4.9512	4.8720	9.6859	9.8021
Stddev	.0055	.0131	.0033	.0028	.0100	.0810	.0719
%RSD	.11205	.26581	.07048	.05600	.20615	.83603	.73332

#1	4.8910	4.9207	4.7127	4.9527	4.8751	9.7560	9.8469
#2	4.8946	4.9159	4.7154	4.9480	4.8800	9.5973	9.7192
#3	4.8838	4.8961	4.7194	4.9528	4.8607	9.7043	9.8402

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24327	2.4021	24.378	.97411	2.3840	1.2291	4.8681
Stddev	.00047	.0025	.176	.00156	.0014	.0028	.0071
%RSD	.19360	.10430	.72354	.15968	.05898	.23104	.14499

#1	.24355	2.4026	24.463	.97413	2.3836	1.2322	4.8708
#2	.24273	2.3994	24.175	.97565	2.3827	1.2282	4.8734
#3	.24354	2.4044	24.496	.97254	2.3855	1.2267	4.8601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4526	23.734	2.4289	1.2377	24.576	2.4794	2.3610
Stddev	.0019	.151	.0032	.0024	.158	.0039	.0008
%RSD	.07968	.63469	.12976	.19275	.64204	.15781	.03307

#1	2.4527	23.701	2.4300	1.2384	24.690	2.4836	2.3604
#2	2.4545	23.602	2.4313	1.2397	24.396	2.4787	2.3619
#3	2.4506	23.898	2.4253	1.2351	24.642	2.4759	2.3608

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.986	4.9502	4.6722	4.8757	4.9612	4.8900	4.8138
Stddev	.190	.0077	.0179	.0108	.1962	.0076	.2310
%RSD	.75927	.15649	.38305	.22210	3.9547	.15485	4.7980

#1	25.100	4.9588	4.6924	4.8801	5.1363	4.8927	5.0089
#2	24.767	4.9479	4.6659	4.8836	4.7492	4.8814	4.5588
#3	25.090	4.9438	4.6583	4.8633	4.9982	4.8958	4.8737

Sample Name: CCV05 Acquired: 6/18/2019 18:47:49 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15136 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0988	4.942	4.9901	F 2.3265	F<.00000
Stddev	.2379	.005	.2355	.1856	1.8772
%RSD	4.6667	.1017	4.7198	7.9759	114.51

#1	5.3066	4.944	5.1973	2.4001	.43016
#2	4.8393	4.936	4.7339	2.1155	-2.1154
#3	5.1506	4.946	5.0392	2.4640	-3.2326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.4	41765.	3965.8	70.362	3245.7
Stddev	7.0	139.	158.6	3.025	2.5
%RSD	.21843	.33268	3.9984	4.2993	.07796

#1	3210.7	41715.	3815.7	67.556	3244.5
#2	3212.0	41657.	4131.7	73.567	3244.0
#3	3223.5	41922.	3950.1	69.962	3248.6

Sample Name: CCB05 Acquired: 6/18/2019 18:51:47 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15136 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00213	k .00175	k .00249	k .00013	k .00141	s .01803	s -.00009
Stddev	.00111	.00031	.00075	.00190	.00034	.00802	.00102
%RSD	52.117	17.921	30.159	1484.6	23.809	44.492	1112.9

#1	k .00085	k .00173	k .00171	k -.00142	k .00158	s .02679	s -.00127
#2	.00274	.00145	.00321	.00225	.00163	.01104	.00041
#3	.00280	.00208	.00256	-.00044	.00102	.01626	.00058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00000	k .00026	s .00581	s .00058	k .00032	k -.00001	s .00055
Stddev	.00004	.00007	.00767	.00029	.00017	.00020	.00119
%RSD	1362.7	27.646	132.09	50.806	53.566	1883.4	216.09

#1	s -.00004	k .00027	s .01370	s .00081	k .00014	k -.00009	s .00192
#2	.00004	.00019	.00534	.00025	.00048	-.00015	-.00027
#3	.00001	.00033	-.00162	.00068	.00035	.00021	.00000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00012	s -.05759	k .00080	s -.00028	s -.06708	s .00026	k -.00030
Stddev	.00002	.01317	.00042	.00044	.00491	.00018	.00003
%RSD	18.264	22.869	52.697	156.83	7.3245	69.422	11.350

#1	s .00014	s -.06113	k .00112	s -.00035	s -.06315	s .00044	k -.00028
#2	.00013	-.06863	.00097	.00019	-.07258	.00008	-.00028
#3	.00010	-.04301	.00032	-.00068	-.06549	.00027	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .17790	.00096	s .00564	kF .01629	k .00159	k .00070	k -.00178
Stddev	.02226	.00020	.01480	.00140	.00025	.00031	.00046
%RSD	12.513	20.882	262.16	8.6072	15.581	44.699	25.817

#1	s .15650	.00114	s -.00981	k .01701	k .00185	k .00105	k -.00180
#2	.17625	.00100	.00706	.01718	.00158	.00045	-.00131
#3	.20093	.00074	.01968	.01467	.00135	.00059	-.00223

Sample Name: CCB05 Acquired: 6/18/2019 18:51:47 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15136 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00481	k -.0001	k .00017	<.00000	<.00000
Stddev	.00087	.0006	.00003	1.4512	.94288
%RSD	18.012	638.3	16.819	154.59	37.981
#1	.00581	k -.0008	k .00014	-2.6112	-3.3033
#2	.00437	.0005	.00019	-.01232	-2.6915
#3	.00426	.0000	.00019	-.19265	-1.4527
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.5	^ *****	4007.3	74.517	3704.4
Stddev	3.7	-----	41.9	.058	4.1
%RSD	.11086	-----	1.0464	.07828	.11121
#1	3375.8	^ -----	3976.7	74.575	3701.6
#2	3379.4	43928.	3990.2	74.517	3702.5
#3	3383.2	43924.	4055.1	74.458	3709.2

Sample Name: K3419-05 Acquired: 6/18/2019 18:56:16 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03489	.00968	.06054	.00808	.00545	51.266	.40039
Stddev	.00020	.00174	.00184	.00160	.00191	.400	.00092
%RSD	.57854	17.956	3.0345	19.814	35.054	.77987	.22978

#1	.03512	.01013	.06097	.00823	.00720	50.828	.39945
#2	.03474	.00776	.06212	.00961	.00341	51.610	.40045
#3	.03480	.01114	.05852	.00641	.00573	51.361	.40129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	.00016	463.12	.10394	.05444	.08440	101.83
Stddev	.00002	.00006	2.88	.00056	.00018	.00044	.41
%RSD	.42189	33.820	.62190	.54157	.33875	.51850	.40699

#1	.00441	.00011	459.81	.10366	.05434	.08466	101.51
#2	.00437	.00016	465.06	.10358	.05465	.08389	101.68
#3	.00440	.00022	464.49	.10459	.05432	.08464	102.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88367	261.59	.07960	-.01235	4.3915	.12752	.29058
Stddev	.00072	1.78	.00049	.00021	.0377	.00090	.00096
%RSD	.08114	.68032	.61469	1.6804	.85817	.70770	.33098

#1	.88351	259.58	.07904	-.01259	4.3498	.12673	.28961
#2	.88446	262.25	.07980	-.01222	4.4019	.12733	.29059
#3	.88306	262.95	.07996	-.01224	4.4229	.12851	.29154

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8246	.00972	.11516	1.8300	2.6072	.00676	.78276
Stddev	.0505	.00025	.01032	.0096	.0180	.00037	.00359
%RSD	1.0458	2.5677	8.9630	.52474	.68884	5.4979	.45849

#1	4.7751	.00993	.10351	1.8323	2.6255	.00716	.77971
#2	4.8760	.00945	.11881	1.8194	2.5896	.00643	.78187
#3	4.8226	.00979	.12316	1.8382	2.6066	.00669	.78671

Sample Name: K3419-05 Acquired: 6/18/2019 18:56:16 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11446	3.776	.15599	<.00000	F<.00000
Stddev	.00030	.008	.00102	.17647	.84568
%RSD	.26011	.2108	.65240	36.766	2.6661
#1	.11454	3.774	.15598	-.32769	-32.569
#2	.11413	3.768	.15497	-.67338	-31.713
#3	.11470	3.784	.15701	-.43889	-30.878
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.1	45581.	4559.1	65.667	2819.1
Stddev	6.7	117.	20.2	.583	1.1
%RSD	.19344	.25572	.44301	.88740	.03756
#1	3466.2	45712.	4547.5	65.040	2818.0
#2	3466.3	45544.	4582.5	66.192	2820.1
#3	3477.8	45488.	4547.4	65.770	2819.3

Sample Name: K3419-07 Acquired: 6/18/2019 19:00:39 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.07767	.01775	.16488	-.00643	.01551	1.9637	.83509	.00460
Stddev	.00357	.00150	.00111	.00709	.00134	.0061	.00546	.00012
%RSD	4.6006	8.4313	.67614	110.33	8.6148	.31218	.65323	2.6349
#1	.07769	.01699	.16404	.00136	.01695	1.9703	.82880	.00449
#2	.08123	.01678	.16614	-.00812	.01432	1.9583	.83797	.00473
#3	.07408	.01947	.16445	-.01252	.01525	1.9625	.83850	.00458
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	F 4174.0	.04195	.03602	.10198	85.534	2.5972	F 2459.2
Stddev	.00017	32.4	.00031	.00040	.00094	.430	.0046	11.1
%RSD	8.7863	.77649	.73837	1.0997	.92075	.50229	.17586	.45126
#1	.00206	4138.6	.04179	.03623	.10102	85.063	2.5919	2446.5
#2	.00204	4181.0	.04176	.03556	.10290	85.636	2.6001	2466.6
#3	.00175	4202.3	.04231	.03627	.10201	85.904	2.5995	2464.7
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02491	-.01421	9.2593	.10699	.76588	6.5592	.00834	.15964
Stddev	.00031	.00038	.0913	.00053	.00203	.0528	.00043	.00686
%RSD	1.2558	2.6956	.98630	.49645	.26498	.80470	5.1924	4.2960
#1	.02486	-.01380	9.1936	.10719	.76762	6.4983	.00796	.16725
#2	.02524	-.01427	9.3635	.10639	.76636	6.5885	.00826	.15394
#3	.02462	-.01456	9.2206	.10739	.76365	6.5909	.00881	.15772
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.590	2.4799	.00572	.04474	.10244	1.857	1.9784	11.202
Stddev	.043	.0547	.00096	.00293	.00095	.002	.0122	.181
%RSD	.21756	2.2066	16.815	6.5535	.93157	.1076	.61699	1.6167
#1	19.599	2.5430	.00647	.04506	.10188	1.857	1.9883	11.383
#2	19.628	2.4458	.00464	.04750	.10190	1.859	1.9821	11.202
#3	19.544	2.4509	.00606	.04166	.10354	1.855	1.9648	11.021

Sample Name: K3419-07 Acquired: 6/18/2019 19:00:39 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	59.370
Stddev	1.174
%RSD	1.9774

#1	58.795
#2	60.720
#3	58.594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.3	32696.	3647.6	53.856	2032.2
Stddev	6.2	80.	27.7	.957	3.2
%RSD	.25581	.24398	.76059	1.7773	.15661

#1	2399.7	32788.	3619.8	53.601	2029.3
#2	2411.9	32656.	3647.8	54.914	2031.6
#3	2404.1	32644.	3675.3	53.051	2035.6

Sample Name: K3419-09 Acquired: 6/18/2019 19:05:11 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06290	.01776	.11989	-.00705	.01335	9.7147	.11870	.00673
Stddev	.00141	.00175	.00129	.00379	.00212	.0188	.00084	.00007
%RSD	2.2491	9.8741	1.0721	53.777	15.912	.19324	.70450	1.1083
#1	.06439	.01600	.12075	-.00578	.01400	9.7148	.11950	.00666
#2	.06276	.01778	.11841	-.00406	.01507	9.7334	.11783	.00671
#3	.06157	.01951	.12050	-.01132	.01097	9.6958	.11876	.00681
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	F 3780.0	.06249	.03707	.14207	83.015	2.6835	F 2263.9
Stddev	.00009	18.9	.00072	.00041	.00082	.887	.0003	2.9
%RSD	8.0676	.50111	1.1504	1.1026	.57807	1.0689	.01260	.12618
#1	-.00113	3758.7	.06294	.03673	.14176	82.064	2.6836	2261.4
#2	-.00100	3786.2	.06166	.03753	.14300	83.159	2.6831	2263.3
#3	-.00117	3795.0	.06286	.03695	.14145	83.821	2.6838	2267.0
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04049	-.01314	5.6994	.16549	.26983	8.5549	-.00111	.10617
Stddev	.00119	.00087	.0121	.00139	.00116	.0066	.00057	.00459
%RSD	2.9458	6.6529	.21248	.84149	.42888	.07673	51.406	4.3277
#1	.04174	-.01399	5.6869	.16687	.27069	8.5609	-.00085	.10213
#2	.03937	-.01319	5.7110	.16409	.26851	8.5479	-.00071	.10520
#3	.04036	-.01224	5.7003	.16552	.27029	8.5560	-.00176	.11117
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0640	2.7205	.01087	.14973	.11266	3.219	1.7059	10.351
Stddev	.0205	.0338	.00041	.00341	.00078	.005	.0060	.501
%RSD	.40513	1.2433	3.7578	2.2805	.69170	.1712	.35039	4.8406
#1	5.0877	2.6871	.01103	.15309	.11274	3.226	1.7021	10.070
#2	5.0526	2.7548	.01117	.14626	.11339	3.216	1.7128	10.929
#3	5.0518	2.7194	.01041	.14984	.11184	3.216	1.7029	10.053

Sample Name: K3419-09 Acquired: 6/18/2019 19:05:11 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-E Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	53.917
Stddev	.923
%RSD	1.7123

#1	54.975
#2	53.497
#3	53.277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.6	33611.	3743.8	54.979	2066.9
Stddev	5.1	45.	14.1	2.272	8.1
%RSD	.20527	.13512	.37767	4.1325	.39140

#1	2480.0	33624.	3752.3	57.104	2061.9
#2	2487.3	33649.	3727.4	55.250	2076.2
#3	2477.5	33561.	3751.5	52.584	2062.6

Sample Name: K3420-02 Acquired: 6/18/2019 19:09:42 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08180	.01147	.06677	.02012	.00731	84.226	.19073
Stddev	.00083	.00045	.00081	.00139	.00098	.505	.00151
%RSD	1.0090	3.8807	1.2185	6.9313	13.410	.59978	.78928

#1	.08089	.01139	.06746	.02172	.00794	83.645	.18900
#2	.08250	.01195	.06587	.01946	.00781	84.480	.19147
#3	.08202	.01107	.06699	.01918	.00618	84.554	.19172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00969	-.00386	40.422	.13331	.14075	.13059	212.38
Stddev	.00001	.00007	.064	.00071	.00034	.00048	.35
%RSD	.11080	1.8705	.15888	.53328	.23892	.36853	.16321

#1	.00967	-.00378	40.403	.13249	.14098	.13051	212.32
#2	.00969	-.00392	40.370	.13364	.14092	.13014	212.07
#3	.00969	-.00388	40.494	.13379	.14037	.13110	212.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2762	19.473	.20915	-.02404	4.9612	.29788	.49153
Stddev	.0325	.397	.00033	.00066	.0554	.00106	.00022
%RSD	.51843	2.0402	.15586	2.7272	1.1174	.35464	.04540

#1	6.2515	19.015	.20881	-.02380	4.9125	.29892	.49153
#2	6.3131	19.719	.20946	-.02478	5.0215	.29680	.49175
#3	6.2640	19.686	.20918	-.02353	4.9495	.29793	.49130

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5320	.00292	.18996	.66261	4.6724	.00808	1.2134
Stddev	.0970	.00014	.00798	.00257	.0250	.00073	.0058
%RSD	1.2879	4.6493	4.2014	.38730	.53483	9.0325	.47503

#1	7.4449	.00307	.18966	.66305	4.6940	.00870	1.2124
#2	7.6365	.00282	.19808	.65985	4.6782	.00728	1.2081
#3	7.5145	.00287	.18213	.66492	4.6451	.00827	1.2196

Sample Name: K3420-02 Acquired: 6/18/2019 19:09:42 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10560	4.387	-.18608	<.00000	F<.00000
Stddev	.00099	.008	.00061	.20072	1.1580
%RSD	.93513	.1797	.32617	3.4506	1.1557

#1	.10599	4.378	-.18636	-5.5947	-101.32
#2	.10633	4.394	-.18538	-5.9852	-100.25
#3	.10447	4.389	-.18649	-5.8707	-99.007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.8	48084.	4591.0	71.355	3285.2
Stddev	6.6	67.	14.6	.479	2.3
%RSD	.17759	.13891	.31760	.67161	.06916

#1	3720.6	48129.	4583.4	71.226	3284.6
#2	3731.4	48007.	4607.9	70.953	3287.7
#3	3719.4	48116.	4581.8	71.885	3283.3

Sample Name: K3421-02 Acquired: 6/18/2019 19:14:19 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01738	.01702	.20967	.01439	.00972	195.25	1.3216
Stddev	.00231	.00132	.00010	.00204	.00050	.40	.0029
%RSD	13.307	7.7760	.04943	14.200	5.1698	.20596	.21915

#1	.01471	.01823	.20972	.01236	.00977	194.79	1.3185
#2	.01861	.01560	.20974	.01437	.00919	195.52	1.3220
#3	.01881	.01721	.20955	.01645	.01019	195.45	1.3242

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01254	-.00064	49.922	.24691	.15547	.47885	218.92
Stddev	.00003	.00041	.274	.00073	.00058	.00117	1.43
%RSD	.22775	64.306	.54969	.29377	.37525	.24535	.65178

#1	.01255	-.00017	49.606	.24764	.15551	.47881	217.27
#2	.01256	-.00079	50.105	.24689	.15487	.48004	219.75
#3	.01250	-.00096	50.054	.24619	.15603	.47769	219.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6611	73.464	.31094	-.02802	3.6211	.30292	.90355
Stddev	.0193	.151	.00130	.00021	.0093	.00061	.00127
%RSD	.28958	.20606	.41850	.76182	.25713	.20298	.14108

#1	6.6755	73.289	.31076	-.02808	3.6319	.30361	.90426
#2	6.6392	73.557	.31232	-.02821	3.6163	.30275	.90208
#3	6.6686	73.545	.30974	-.02779	3.6152	.30241	.90432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.767	.00325	.22862	1.6274	3.5308	.01652	2.0813
Stddev	.031	.00029	.00615	.0061	.0451	.00079	.0197
%RSD	.14309	8.8469	2.6900	.37355	1.2776	4.7633	.94761

#1	21.740	.00295	.22918	1.6299	3.5023	.01609	2.0590
#2	21.801	.00328	.22221	1.6205	3.5074	.01605	2.0965
#3	21.758	.00352	.23447	1.6318	3.5829	.01743	2.0883

Sample Name: K3421-02 Acquired: 6/18/2019 19:14:19 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40512	4.747	-.13984	<.00000	F<.00000
Stddev	.00280	.008	.00117	.11257	.98495
%RSD	.69170	.1756	.83562	1.8576	.82440
#1	.40212	4.753	-.13852	-6.1885	-120.16
#2	.40767	4.751	-.14024	-6.0121	-118.35
#3	.40557	4.738	-.14076	-5.9792	-119.91
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.8	49235.	4793.4	68.179	3120.9
Stddev	14.4	126.	29.1	1.613	7.7
%RSD	.37809	.25629	.60732	2.3653	.24791
#1	3833.6	49095.	4794.5	67.236	3124.8
#2	3804.7	49341.	4821.9	70.041	3125.9
#3	3818.1	49268.	4763.8	67.260	3112.0

Sample Name: K3421-06 Acquired: 6/18/2019 19:18:54 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01439	.01458	.14631	.01703	.01032	155.44	1.1733
Stddev	.00311	.00186	.00080	.00135	.00073	.06	.0037
%RSD	21.613	12.733	.54420	7.9275	7.0345	.04008	.31843

#1	.01352	.01643	.14704	.01547	.00950	155.37	1.1776
#2	.01784	.01460	.14643	.01788	.01058	155.49	1.1707
#3	.01181	.01272	.14546	.01774	.01088	155.47	1.1716

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01239	.00007	47.217	.19232	.16785	.32921	205.75
Stddev	.00005	.00002	.146	.00162	.00084	.00059	.92
%RSD	.43366	27.500	.30973	.84119	.50054	.18055	.44661

#1	.01234	.00008	47.165	.19182	.16857	.32854	205.24
#2	.01245	.00005	47.382	.19102	.16693	.32968	206.81
#3	.01237	.00007	47.103	.19413	.16806	.32940	205.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2904	78.673	.35213	-.02607	3.7041	.24962	1.4147
Stddev	.0176	.046	.00050	.00053	.0050	.00181	.0036
%RSD	.21241	.05891	.14217	2.0413	.13635	.72646	.25347

#1	8.3106	78.708	.35205	-.02566	3.7097	.24784	1.4188
#2	8.2786	78.690	.35168	-.02589	3.6999	.24956	1.4127
#3	8.2820	78.620	.35267	-.02667	3.7026	.25146	1.4126

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.529	.00328	.21789	.55238	3.9715	.01362	2.0793
Stddev	.043	.00051	.00140	.00499	.0350	.00052	.0026
%RSD	.16221	15.609	.64288	.90418	.88091	3.8191	.12650

#1	26.501	.00270	.21835	.54663	4.0074	.01303	2.0789
#2	26.507	.00343	.21901	.55486	3.9696	.01399	2.0821
#3	26.578	.00369	.21632	.55565	3.9375	.01385	2.0769

Sample Name: K3421-06 Acquired: 6/18/2019 19:18:54 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45576	5.778	-.10788	<.00000	F<.00000
Stddev	.00047	.010	.00117	.34450	1.8345
%RSD	.10388	.1662	1.0803	4.5150	1.6144
#1	.45526	5.782	-.10747	-7.8447	-112.01
#2	.45583	5.767	-.10920	-7.2328	-115.62
#3	.45620	5.784	-.10698	-7.8130	-113.28
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.8	51267.	4935.4	68.025	3107.6
Stddev	8.3	174.	29.5	.826	6.2
%RSD	.21142	.33981	.59798	1.2142	.19944
#1	3935.5	51119.	4916.7	68.639	3100.5
#2	3936.5	51222.	4920.1	67.086	3112.0
#3	3950.4	51459.	4969.4	68.351	3110.3

Sample Name: K3157-02 Acquired: 6/18/2019 19:23:29 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00185	.01145	.00177	.00063	.13428	.11030	.00007
Stddev	.00308	.00028	.00090	.00012	.00097	.00686	.00082	.00006
%RSD	127.42	15.294	7.8453	6.8264	153.26	5.1103	.74703	82.188

#1	.00103	.00160	.01048	.00164	.00057	.14040	.10937	.00014
#2	.00028	.00180	.01226	.00188	-.00030	.12687	.11057	.00003
#3	.00595	.00216	.01161	.00178	.00163	.13558	.11095	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	36.161	.00026	.00902	.00454	.25279	.67489	2.2700
Stddev	.00003	.242	.00024	.00023	.00024	.00143	.00064	.0469
%RSD	8.5852	.66871	90.151	2.5352	5.2270	.56583	.09429	2.0637

#1	.00027	35.930	-.00001	.00919	.00430	.25152	.67483	2.2172
#2	.00033	36.141	.00038	.00911	.00477	.25434	.67429	2.3066
#3	.00030	36.412	.00041	.00876	.00456	.25251	.67555	2.2863

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	-.00026	285.19	-.00049	.04279	1.4824	.00020	.02423
Stddev	.00042	.00066	1.05	.00045	.00015	.0445	.00009	.00952
%RSD	9.4707	250.73	.36712	91.282	.34900	3.0042	46.413	39.276

#1	.00483	-.00023	284.00	.00001	.04291	1.4749	.00024	.03407
#2	.00458	.00038	285.60	-.00084	.04285	1.4421	.00009	.01508
#3	.00401	-.00094	285.97	-.00064	.04262	1.5302	.00026	.02353

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41976	.74358	.00163	-.00032	.00374	.0058	.13249	2.8879
Stddev	.00560	.00852	.00019	.00138	.00111	.0007	.00060	.2792
%RSD	1.3331	1.1457	11.935	430.35	29.762	11.52	.45078	9.6674

#1	.42581	.73827	.00161	-.00027	.00249	.0060	.13180	3.2100
#2	.41872	.75341	.00183	-.00173	.00460	.0063	.13285	2.7381
#3	.41476	.73907	.00144	.00103	.00414	.0051	.13282	2.7156

Sample Name: K3157-02 Acquired: 6/18/2019 19:23:29 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.9939
 Stddev .4859
 %RSD 6.9469

#1 7.5544
 #2 6.7346
 #3 6.6927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.2	40627.	3928.2	70.717	3186.8
Stddev	3.2	143.	13.1	1.727	5.4
%RSD	.09967	.35124	.33412	2.4428	.16984

#1	3169.1	40479.	3928.2	72.708	3182.5
#2	3167.7	40764.	3915.1	69.817	3185.0
#3	3173.8	40640.	3941.4	69.625	3192.8

Sample Name: K3157-02DUP Acquired: 6/18/2019 19:28:00 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00101	.01029	.00287	-.00109	.11634	.10925	.00008
Stddev	.00119	.00059	.00070	.00084	.00181	.01468	.00006	.00002
%RSD	277.70	58.500	6.7748	29.391	167.08	12.616	.05836	21.149

#1	.00122	.00042	.01058	.00190	-.00004	.10465	.10932	.00010
#2	-.00094	.00101	.01079	.00328	-.00004	.11157	.10920	.00006
#3	.00100	.00161	.00949	.00343	-.00318	.13281	.10924	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	35.997	.00019	.00902	.00460	.24629	.67017	2.2280
Stddev	.00002	.223	.00020	.00014	.00007	.00145	.00060	.0248
%RSD	7.4199	.61816	103.81	1.5971	1.5528	.58823	.08972	1.1129

#1	.00033	35.803	.00015	.00898	.00465	.24649	.66972	2.2494
#2	.00029	35.950	.00002	.00918	.00463	.24763	.67086	2.2337
#3	.00028	36.240	.00041	.00890	.00452	.24476	.66994	2.2008

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	-.00071	281.95	-.00060	.04230	1.5276	.00019	.01239
Stddev	.00059	.00028	3.08	.00005	.00014	.0328	.00016	.00859
%RSD	13.492	38.895	1.0913	8.7229	.32882	2.1496	84.548	69.353

#1	.00419	-.00050	278.76	-.00064	.04219	1.5307	.00037	.00780
#2	.00507	-.00102	284.89	-.00054	.04226	1.4933	.00016	.00707
#3	.00394	-.00061	282.21	-.00063	.04246	1.5587	.00005	.02230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41645	.73460	.00203	-.00119	.00554	.0049	.13122	2.6132
Stddev	.00160	.00701	.00059	.00163	.00169	.0013	.00044	.2783
%RSD	.38367	.95388	28.936	136.49	30.441	27.29	.33471	10.650

#1	.41815	.72974	.00148	-.00001	.00719	.0045	.13094	2.8721
#2	.41498	.74264	.00196	-.00304	.00562	.0064	.13099	2.3189
#3	.41620	.73143	.00265	-.00052	.00381	.0038	.13173	2.6487

Sample Name: K3157-02DUP Acquired: 6/18/2019 19:28:00 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.9799
Stddev	.6032
%RSD	10.088

#1	6.6582
#2	5.7779
#3	5.5036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.9	40896.	3955.0	69.567	3200.5
Stddev	9.1	85.	16.3	1.523	3.3
%RSD	.28574	.20847	.41315	2.1891	.10271

#1	3170.2	40973.	3966.7	70.933	3197.4
#2	3188.3	40804.	3936.3	67.925	3203.9
#3	3181.1	40910.	3961.9	69.842	3200.0

Sample Name: K3157-02LX5 Acquired: 6/18/2019 19:32:33 Type: Unk
Method: P4-ICP2(v3211) 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	.00124	.00224	.00435	-.00063	.00103	.04840	.02187	.00006
Stddev	.00241	.00013	.00039	.00149	.00091	.00191	.00023	.00002
%RSD	193.55	5.7432	9.0083	236.27	88.200	3.9553	1.0714	39.605

#1	.00398	.00214	.00469	-.00222	.00042	.05045	.02189	.00006
#2	-.00056	.00220	.00443	.00073	.00059	.04811	.02162	.00009
#3	.00031	.00239	.00392	-.00040	.00207	.04665	.02209	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	7.1502	.00012	.00221	.00102	.05038	.13898	.38056
Stddev	.00003	.0714	.00023	.00005	.00022	.00048	.00095	.02731
%RSD	13.829	.99865	196.09	2.1520	21.511	.95686	.68628	7.1771

#1	.00022	7.0792	.00031	.00219	.00102	.05091	.13811	.38336
#2	.00027	7.1495	.00019	.00218	.00080	.05027	.13882	.35196
#3	.00020	7.2220	-.00014	.00226	.00124	.04997	.14000	.40637

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	-.00073	57.023	.00007	.01073	.38895	.00021	.00765
Stddev	.00005	.00063	.150	.00009	.00007	.03229	.00023	.01275
%RSD	4.3499	86.188	.26243	127.85	.67516	8.3008	108.26	166.62

#1	.00109	-.00125	56.960	.00007	.01073	.35577	.00048	.01582
#2	.00114	-.00089	56.916	-.00002	.01080	.42027	.00003	-.00704
#3	.00105	-.00003	57.194	.00016	.01065	.39080	.00013	.01417

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08681	.15546	.00014	-.00160	.00338	.0009	.02667	1.3321
Stddev	.00103	.00530	.00041	.00112	.00206	.0009	.00007	.1151
%RSD	1.1910	3.4111	284.40	70.051	60.951	96.93	.25346	8.6371

#1	.08732	.16142	-.00028	-.00202	.00102	.0010	.02661	1.3057
#2	.08749	.15372	.00053	-.00033	.00429	.0018	.02666	1.4580
#3	.08562	.15125	.00018	-.00244	.00482	-.0000	.02674	1.2325

Sample Name: K3157-02LX5 Acquired: 6/18/2019 19:32:33 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .34666
%RSD 58.484

#1 -.22665
#2 -.63562
#3 -.91599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.1	42481.	3985.5	71.654	3435.9
Stddev	9.3	177.	28.6	1.168	11.7
%RSD	.28262	.41748	.71648	1.6296	.33964

#1	3294.9	42324.	3954.1	70.322	3448.9
#2	3286.9	42673.	3992.4	72.140	3432.5
#3	3276.4	42445.	4010.0	72.501	3426.3

Sample Name: K3157-02MS Acquired: 6/18/2019 19:36:59 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 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	.77868	1.8831	.94442	2.0095	.78272	2.1125	.31671	.19844	.19444
Stddev	.00188	.0016	.00168	.0071	.00058	.0082	.00055	.00048	.00122
%RSD	.24083	.08321	.17758	.35110	.07399	.38965	.17283	.24092	.62540

#1	.77668	1.8846	.94503	2.0018	.78337	2.1112	.31689	.19821	.19484
#2	.77897	1.8831	.94571	2.0156	.78252	2.1213	.31609	.19899	.19540
#3	.78039	1.8815	.94253	2.0111	.78226	2.1050	.31713	.19812	.19307

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.284	.40942	.20681	.30588	3.2631	.87380	4.1545	.50529	.07267
Stddev	.176	.00144	.00064	.00142	.0063	.00093	.0190	.00052	.00082
%RSD	.47215	.35216	.30910	.46374	.19457	.10615	.45836	.10286	1.1258

#1	37.152	.41108	.20615	.30705	3.2694	.87436	4.1331	.50494	.07359
#2	37.217	.40862	.20743	.30430	3.2631	.87273	4.1607	.50589	.07202
#3	37.484	.40856	.20684	.30629	3.2567	.87431	4.1696	.50505	.07239

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	283.45	.32032	.24307	12.390	.41515	.31306	.40770	1.6401	.70409
Stddev	.31	.00022	.00039	.045	.00110	.00414	.00376	.0065	.00188
%RSD	.10922	.06802	.15973	.36655	.26445	1.3234	.92316	.39597	.26770

#1	283.79	.32011	.24280	12.359	.41418	.30984	.40946	1.6375	.70233
#2	283.19	.32055	.24351	12.370	.41634	.31773	.41027	1.6475	.70608
#3	283.36	.32032	.24288	12.442	.41494	.31161	.40338	1.6353	.70385

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20039	.23661	6.235	.33990	3.4076	2.2863
Stddev	.00272	.00151	.009	.00109	.1552	.2759
%RSD	1.3561	.63783	.1462	.32076	4.5554	12.068

#1	.19815	.23612	6.237	.34040	3.4754	2.1335
#2	.20342	.23830	6.243	.34064	3.2300	2.1207
#3	.19961	.23540	6.225	.33864	3.5174	2.6048

Sample Name: K3157-02MS Acquired: 6/18/2019 19:36:59 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 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	3136.2	40396.	3824.6	68.770	3152.9
Stddev	4.5	189.	12.8	1.945	7.9
%RSD	.14266	.46712	.33378	2.8283	.25123
#1	3131.8	40179.	3816.4	66.530	3146.5
#2	3136.2	40483.	3818.1	70.034	3150.4
#3	3140.7	40525.	3839.3	69.746	3161.8

Sample Name: CCV06 Acquired: 6/18/2019 19:41:12 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120714BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8654	4.8994	4.7129	4.9303	4.8642	9.6671	9.8373
Stddev	.0035	.0104	.0018	.0098	.0045	.1132	.0448
%RSD	.07242	.21194	.03763	.19790	.09333	1.1712	.45578

#1	4.8690	4.9057	4.7150	4.9411	4.8613	9.5773	9.8150
#2	4.8654	4.8875	4.7123	4.9278	4.8694	9.6297	9.8080
#3	4.8619	4.9051	4.7116	4.9220	4.8619	9.7943	9.8889

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24332	2.4036	24.270	.97946	2.3829	1.2227	4.8634
Stddev	.00066	.0024	.254	.00138	.0023	.0022	.0132
%RSD	.27071	.10019	1.0453	.14124	.09657	.18217	.27126

#1	.24259	2.4055	24.041	.97865	2.3848	1.2201	4.8616
#2	.24387	2.4009	24.226	.97867	2.3804	1.2237	4.8511
#3	.24349	2.4043	24.543	.98106	2.3835	1.2242	4.8774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4602	23.521	2.4318	1.2407	24.675	2.4857	2.3606
Stddev	.0048	.243	.0037	.0006	.075	.0047	.0027
%RSD	.19444	1.0344	.15209	.04423	.30573	.18842	.11306

#1	2.4564	23.412	2.4360	1.2407	24.644	2.4826	2.3601
#2	2.4587	23.351	2.4293	1.2402	24.619	2.4911	2.3582
#3	2.4656	23.800	2.4300	1.2413	24.761	2.4833	2.3634

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.062	4.9388	4.6012	4.8239	4.9864	4.9102	4.8413
Stddev	.075	.0047	.0452	.0073	.0247	.0096	.0109
%RSD	.30043	.09602	.98180	.15091	.49617	.19590	.22590

#1	25.058	4.9412	4.5697	4.8310	5.0018	4.9160	4.8301
#2	24.989	4.9419	4.5809	4.8243	4.9994	4.8991	4.8418
#3	25.139	4.9333	4.6529	4.8165	4.9578	4.9154	4.8519

Sample Name: CCV06 Acquired: 6/18/2019 19:41:12 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120714BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1451	4.955	5.0261	F 2.0987	F<.00000
Stddev	.0186	.005	.0106	.1367	.48078
%RSD	.36145	.1031	.21179	6.5154	17.638
#1	5.1533	4.958	5.0298	2.1225	-3.1347
#2	5.1583	4.949	5.0345	2.2220	-2.8466
#3	5.1238	4.957	5.0141	1.9516	-2.1962
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.3	41897.	3941.3	70.010	3263.1
Stddev	.8	47.	29.9	.414	6.2
%RSD	.02449	.11267	.75854	.59107	.19047
#1	3240.6	41843.	3922.3	69.547	3260.5
#2	3241.4	41921.	3925.8	70.139	3270.2
#3	3242.1	41928.	3975.7	70.344	3258.7

Sample Name: CCB06 Acquired: 6/18/2019 19:45:10 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120714BS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	.00196	.00154	.00094	.00220	.01179	.00034	.00006
Stddev	.00068	.00062	.00050	.00143	.00100	.01232	.00042	.00005
%RSD	94.434	31.626	32.527	151.50	45.518	104.50	124.04	85.234

#1	.00012	.00199	.00210	.00162	.00318	.00065	.00057	.00003
#2	.00147	.00256	.00139	-.00070	.00118	.02502	.00061	.00012
#3	.00058	.00133	.00114	.00191	.00223	.00969	-.00015	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.01456	.00029	.00038	.00011	-.00032	.00007	-.05628
Stddev	.00002	.00119	.00026	.00012	.00020	.00054	.00001	.01156
%RSD	5.5165	8.1797	91.171	30.537	172.69	170.27	12.007	20.536

#1	.00029	-.01372	.00038	.00024	.00021	-.00008	.00007	-.06872
#2	.00033	-.01404	-.00001	.00045	.00025	.00006	.00006	-.04588
#3	.00031	-.01592	.00049	.00044	-.00011	-.00093	.00008	-.05423

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00049	-.05591	.00031	-.00051	.08934	.00119	.01713
Stddev	.00025	.00029	.00356	.00009	.00007	.00577	.00024	.00091
%RSD	32.709	58.772	6.3697	27.331	13.324	6.4560	20.113	5.3313

#1	.00075	-.00082	-.05181	.00025	-.00057	.09173	.00140	.01608
#2	.00102	-.00029	-.05825	.00041	-.00044	.08276	.00126	.01759
#3	.00052	-.00035	-.05766	.00029	-.00053	.09353	.00093	.01772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00764	.00334	.00056	-.00238	.00191	.0011	.00006	.24337
Stddev	.00036	.00130	.00019	.00184	.00049	.0003	.00006	.30202
%RSD	4.7043	38.848	33.433	77.429	25.755	26.85	104.89	124.10

#1	.00723	.00329	.00076	-.00417	.00246	.0009	-.00000	.52555
#2	.00779	.00206	.00053	-.00249	.00178	.0014	.00005	-.07519
#3	.00791	.00466	.00039	-.00048	.00151	.0010	.00013	.27974

Sample Name: CCB06 Acquired: 6/18/2019 19:45:10 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120714BS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .41984
 %RSD 12.054

#1 -3.0338
 #2 -3.5493
 #3 -3.8656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.5	43667.	3959.9	72.653	3691.6
Stddev	16.6	164.	7.0	1.779	19.8
%RSD	.48860	.37598	.17647	2.4489	.53734

#1	3376.2	43478.	3967.6	70.600	3669.8
#2	3389.2	43752.	3958.4	73.750	3696.4
#3	3409.1	43771.	3953.8	73.608	3708.6

Sample Name: K3157-02MSD Acquired: 6/18/2019 19:49:39 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 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	.77905	1.8859	.95206	2.0164	.78407	2.1570	.32238	.19950	.19599
Stddev	.00552	.0009	.00218	.0051	.00197	.0188	.00264	.00129	.00005
%RSD	.70877	.04759	.22924	.25220	.25099	.87183	.81810	.64787	.02703

#1	.78540	1.8850	.95325	2.0214	.78620	2.1505	.32001	.19858	.19593
#2	.77537	1.8867	.95339	2.0113	.78232	2.1423	.32192	.19894	.19602
#3	.77639	1.8861	.94955	2.0165	.78369	2.1782	.32522	.20098	.19601

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.574	.41045	.20809	.30574	3.2595	.89696	4.2314	.50505	.07291
Stddev	.368	.00091	.00045	.00031	.0083	.00164	.0607	.00112	.00062
%RSD	.95340	.22135	.21420	.10079	.25536	.18247	1.4353	.22192	.84572

#1	38.258	.41135	.20854	.30579	3.2598	.89623	4.1648	.50591	.07258
#2	38.488	.40954	.20765	.30602	3.2510	.89581	4.2457	.50378	.07252
#3	38.978	.41046	.20808	.30541	3.2677	.89883	4.2837	.50544	.07362

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	291.58	.31921	.24608	12.410	.41352	.31134	.41596	1.6482	.70261
Stddev	1.11	.00105	.00105	.113	.00035	.01214	.00355	.0227	.00132
%RSD	.37981	.32792	.42556	.91024	.08530	3.8986	.85287	1.3753	.18733

#1	290.31	.32041	.24698	12.314	.41354	.29762	.42005	1.6507	.70395
#2	292.35	.31870	.24633	12.382	.41386	.31576	.41408	1.6695	.70131
#3	292.07	.31852	.24493	12.534	.41315	.32065	.41375	1.6244	.70258

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20153	.23708	6.247	.34211	2.9775	2.3918
Stddev	.00413	.00054	.015	.00217	.0999	.9272
%RSD	2.0472	.22737	.2328	.63367	3.3554	38.766

#1	.20448	.23651	6.264	.34313	2.9738	2.8416
#2	.19681	.23714	6.240	.34358	2.8795	3.0083
#3	.20329	.23759	6.238	.33962	3.0792	1.3255

Sample Name: K3157-02MSD Acquired: 6/18/2019 19:49:39 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 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	3142.4	40485.	3873.0	70.196	3151.1
Stddev	5.9	42.	38.7	1.165	4.9
%RSD	.18735	.10359	.99963	1.6596	.15415
#1	3145.4	40492.	3848.1	70.731	3153.4
#2	3135.7	40524.	3853.3	68.859	3145.5
#3	3146.3	40441.	3917.6	70.997	3154.3

Sample Name: K3157-02A Acquired: 6/18/2019 19:53:54 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77629	1.8788	.94930	2.0104	.78092	2.1222	.31998	.19869	.19466
Stddev	.00159	.0017	.00380	.0092	.00116	.0131	.00079	.00134	.00106
%RSD	.20545	.09237	.40029	.45790	.14852	.61742	.24682	.67425	.54534
#1	.77678	1.8803	.95174	2.0203	.77985	2.1075	.31922	.19853	.19531
#2	.77759	1.8792	.95124	2.0085	.78216	2.1327	.31992	.20010	.19343
#3	.77451	1.8769	.94492	2.0022	.78076	2.1263	.32079	.19744	.19523
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.292	.40939	.20689	.30414	3.2534	.89281	4.2333	.50465	.07250
Stddev	.249	.00082	.00034	.00020	.0123	.00300	.0219	.00072	.00074
%RSD	.64942	.20001	.16607	.06494	.37734	.33626	.51812	.14287	1.0213
#1	38.051	.40970	.20693	.30396	3.2643	.89498	4.2097	.50415	.07261
#2	38.276	.41001	.20654	.30411	3.2558	.89407	4.2531	.50547	.07317
#3	38.548	.40846	.20722	.30436	3.2401	.88938	4.2372	.50432	.07170
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	290.59	.31903	.24456	12.389	.41200	.31200	.41381	1.6354	.70098
Stddev	.91	.00255	.00009	.076	.00050	.01236	.00338	.0132	.00254
%RSD	.31482	.80082	.03530	.61509	.12039	3.9605	.81745	.80545	.36173
#1	290.59	.32135	.24465	12.367	.41249	.32549	.41582	1.6362	.70379
#2	289.67	.31945	.24448	12.326	.41150	.30123	.41571	1.6482	.69885
#3	291.50	.31629	.24454	12.473	.41200	.30928	.40990	1.6218	.70031
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19994	.23800	6.228	.34078	3.0907	.94568			
Stddev	.00185	.00323	.013	.00248	.2077	.67338			
%RSD	.92591	1.3574	.2034	.72911	6.7185	71.205			
#1	.19995	.23429	6.231	.33966	3.1967	1.7172			
#2	.20178	.24014	6.238	.34363	3.2239	.64346			
#3	.19808	.23958	6.214	.33905	2.8514	.47636			

Sample Name: K3157-02A Acquired: 6/18/2019 19:53:54 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI 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	3153.8	40658.	3878.4	69.276	3161.6
Stddev	7.2	142.	38.2	.805	9.4
%RSD	.22724	.34819	.98589	1.1625	.29838
#1	3147.2	40593.	3868.1	69.112	3152.4
#2	3152.8	40561.	3846.4	70.150	3161.0
#3	3161.4	40821.	3920.8	68.564	3171.3

Sample Name: K3157-04 Acquired: 6/18/2019 19:58:09 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.00065	.00791	.00228	-.00018	.20198	.15220	.00007
Stddev	.00153	.00111	.00047	.00245	.00073	.00500	.00149	.00008
%RSD	213.43	169.93	5.8995	107.88	401.88	2.4759	.97746	106.68

#1	.00104	.00130	.00738	.00419	-.00102	.20361	.15049	-.00001
#2	-.00146	-.00063	.00826	-.00049	.00009	.20596	.15306	.00010
#3	-.00172	.00128	.00810	.00313	.00037	.19636	.15307	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	51.035	.00105	.00461	.00412	.53106	.78010	2.7736
Stddev	.00004	.378	.00009	.00028	.00005	.00134	.00226	.0738
%RSD	36.128	.74146	8.9085	6.1600	1.2305	.25317	.29000	2.6597

#1	.00009	50.616	.00095	.00450	.00417	.53043	.77873	2.7445
#2	.00009	51.137	.00106	.00493	.00409	.53015	.77886	2.7188
#3	.00016	51.352	.00113	.00439	.00408	.53261	.78271	2.8575

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	-.00057	287.20	-.00051	.04503	1.6379	.00026	.02324
Stddev	.00015	.00038	1.85	.00019	.00013	.0318	.00015	.00934
%RSD	4.8235	65.680	.64569	37.191	.28987	1.9409	55.870	40.200

#1	.00297	-.00015	285.98	-.00029	.04492	1.6013	.00031	.03378
#2	.00293	-.00088	286.28	-.00064	.04498	1.6536	.00010	.01598
#3	.00321	-.00068	289.34	-.00059	.04517	1.6587	.00038	.01996

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63886	1.9083	.00218	.00341	.01135	.0059	.22123	2.3463
Stddev	.00013	.0253	.00053	.00111	.00173	.0001	.00046	.1744
%RSD	.02016	1.3278	24.386	32.606	15.256	2.180	.20573	7.4343

#1	.63901	1.9376	.00177	.00258	.01164	.0061	.22137	2.1609
#2	.63876	1.8943	.00278	.00297	.00949	.0059	.22160	2.3707
#3	.63882	1.8931	.00200	.00468	.01292	.0058	.22073	2.5072

Sample Name: K3157-04 Acquired: 6/18/2019 19:58:09 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0361
Stddev	.4600
%RSD	9.1330

#1	4.6924
#2	5.5586
#3	4.8573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.6	40631.	3960.7	71.129	3176.7
Stddev	17.2	83.	51.7	1.851	13.7
%RSD	.54309	.20359	1.3047	2.6027	.43032

#1	3149.0	40564.	3902.3	69.417	3160.9
#2	3181.5	40724.	3979.2	70.876	3185.2
#3	3175.3	40606.	4000.5	73.093	3184.0

Sample Name: K3157-06 Acquired: 6/18/2019 20:02:43 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00096	.00652	.00240	-.00065	.08348	.09604	.00006
Stddev	.00057	.00059	.00037	.00288	.00066	.00951	.00150	.00008
%RSD	251.15	61.508	5.6832	120.02	101.38	11.392	1.5575	129.88

#1	-.00034	.00072	.00685	.00369	-.00097	.07275	.09540	-.00003
#2	.00039	.00163	.00658	-.00090	.00011	.09086	.09775	.00010
#3	-.00073	.00052	.00612	.00439	-.00109	.08684	.09497	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	42.653	.00032	.00395	.00385	.46269	.59224	2.7821
Stddev	.00003	.337	.00016	.00016	.00024	.00125	.00085	.0473
%RSD	22.445	.78919	50.505	3.9912	6.3449	.27037	.14303	1.7012

#1	.00017	42.350	.00013	.00386	.00366	.46271	.59315	2.7276
#2	.00014	43.015	.00041	.00413	.00378	.46394	.59210	2.8135
#3	.00011	42.593	.00042	.00386	.00413	.46144	.59147	2.8050

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	-.00073	263.29	-.00035	.02267	1.4150	-.00000	.02188
Stddev	.00052	.00034	2.58	.00031	.00017	.0786	.00010	.00947
%RSD	16.774	45.972	.97803	89.055	.74176	5.5520	11775.	43.275

#1	.00334	-.00051	262.46	-.00040	.02286	1.3442	-.00008	.03263
#2	.00343	-.00056	266.18	-.00064	.02257	1.4014	-.00004	.01819
#3	.00249	-.00112	261.24	-.00002	.02258	1.4995	.00012	.01481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22534	.42874	.00157	-.00253	.01093	.0021	.15370	2.8175
Stddev	.00167	.00169	.00041	.00051	.00043	.0010	.00050	.3564
%RSD	.74256	.39450	26.243	19.977	3.9027	48.41	.32805	12.651

#1	.22651	.42723	.00149	-.00242	.01139	.0014	.15355	3.2217
#2	.22609	.42842	.00120	-.00308	.01085	.0033	.15427	2.5480
#3	.22342	.43057	.00201	-.00209	.01054	.0017	.15330	2.6829

Sample Name: K3157-06 Acquired: 6/18/2019 20:02:43 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6790
Stddev	.3455
%RSD	7.3842

#1	5.0633
#2	4.3940
#3	4.5797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.1	40509.	3897.9	69.214	3168.4
Stddev	14.0	188.	13.9	2.433	9.8
%RSD	.44374	.46358	.35785	3.5145	.30977

#1	3155.6	40458.	3882.1	69.067	3164.5
#2	3138.0	40352.	3908.6	66.858	3161.1
#3	3165.6	40717.	3902.9	71.717	3179.6

Sample Name: K3157-08 Acquired: 6/18/2019 20:07:18 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00188	.00857	.00294	-.00065	1.1171	.11016	.00005
Stddev	.00216	.00055	.00093	.00036	.00222	.0052	.00126	.00000
%RSD	1683.3	28.981	10.877	12.245	341.02	.46913	1.1476	5.1007

#1	.00179	.00239	.00877	.00321	-.00321	1.1113	.10875	.00005
#2	-.00246	.00196	.00755	.00309	.00048	1.1186	.11118	.00005
#3	.00029	.00131	.00938	.00253	.00077	1.1215	.11055	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	61.697	.00158	.00521	.00537	1.2833	.82056	2.7254
Stddev	.00002	.432	.00014	.00019	.00020	.0043	.00208	.0508
%RSD	11.169	.69967	8.9388	3.5544	3.7941	.33734	.25353	1.8649

#1	.00024	61.252	.00156	.00538	.00554	1.2874	.82211	2.6707
#2	.00019	62.114	.00173	.00525	.00542	1.2787	.82137	2.7343
#3	.00021	61.725	.00145	.00501	.00515	1.2837	.81819	2.7711

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	-.00047	261.79	.00177	.02436	1.7874	.00019	.02510
Stddev	.00018	.00020	1.58	.00049	.00006	.0562	.00008	.00774
%RSD	3.4445	42.101	.60260	27.791	.25412	3.1459	42.958	30.829

#1	.00513	-.00066	262.70	.00126	.02441	1.7258	.00010	.01798
#2	.00503	-.00027	262.70	.00179	.02436	1.8004	.00023	.03334
#3	.00538	-.00047	259.97	.00224	.02429	1.8360	.00025	.02399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75864	3.8322	.00168	.04625	.01174	.0252	.27524	2.2840
Stddev	.00500	.0250	.00022	.00084	.00100	.0003	.00101	.2555
%RSD	.65943	.65332	13.117	1.8176	8.4992	1.103	.36853	11.188

#1	.75290	3.8611	.00143	.04675	.01202	.0255	.27642	2.5173
#2	.76210	3.8181	.00186	.04673	.01063	.0249	.27462	2.3238
#3	.76090	3.8173	.00174	.04528	.01257	.0252	.27470	2.0109

Sample Name: K3157-08 Acquired: 6/18/2019 20:07:18 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.2890
Stddev	.1925
%RSD	3.0604

#1	6.0684
#2	6.3762
#3	6.4225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.6	40905.	3945.8	69.476	3192.4
Stddev	8.3	111.	26.9	.294	9.1
%RSD	.26084	.27092	.68133	.42246	.28474

#1	3178.3	40825.	3914.9	69.151	3192.6
#2	3170.5	40858.	3959.4	69.722	3183.2
#3	3187.0	41031.	3963.2	69.555	3201.3

Sample Name: K3157-10 Acquired: 6/18/2019 20:11:50 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.00129	.01071	.00289	.00209	.11984	.09566	.00008
Stddev	.00054	.00054	.00047	.00076	.00075	.01635	.00057	.00004
%RSD	59.148	41.899	4.3608	26.417	35.824	13.640	.59161	44.932

#1	.00045	.00096	.01030	.00268	.00263	.10766	.09534	.00012
#2	.00079	.00099	.01062	.00373	.00240	.13842	.09533	.00008
#3	.00151	.00191	.01122	.00225	.00123	.11344	.09631	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	24.106	.00052	.00356	.00324	.15860	.86617	1.1837
Stddev	.00003	.184	.00043	.00025	.00008	.00218	.00144	.0247
%RSD	10.201	.76249	82.123	7.1033	2.4902	1.3733	.16649	2.0905

#1	.00028	23.909	.00068	.00353	.00319	.16031	.86623	1.1656
#2	.00032	24.134	.00004	.00332	.00320	.15935	.86759	1.1736
#3	.00027	24.274	.00085	.00382	.00333	.15615	.86470	1.2119

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00220	-.00033	298.19	-.00079	.03404	1.2091	.00015	.01758
Stddev	.00012	.00038	2.39	.00028	.00003	.0303	.00008	.00302
%RSD	5.6511	115.37	.80271	35.094	.10155	2.5073	50.461	17.176

#1	.00225	-.00071	297.17	-.00050	.03406	1.1823	.00007	.01451
#2	.00229	.00005	300.92	-.00105	.03401	1.2030	.00021	.02055
#3	.00206	-.00032	296.47	-.00083	.03407	1.2420	.00018	.01768

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47914	.66341	.00124	.00088	.00950	.0150	.09792	2.8433
Stddev	.00233	.01122	.00035	.00060	.00126	.0001	.00046	.2193
%RSD	.48555	1.6912	28.198	68.159	13.292	.8189	.47342	7.7113

#1	.47759	.67611	.00151	.00122	.00811	.0150	.09784	2.7409
#2	.47803	.65484	.00085	.00019	.00980	.0150	.09750	3.0950
#3	.48182	.65928	.00137	.00122	.01058	.0148	.09842	2.6940

Sample Name: K3157-10 Acquired: 6/18/2019 20:11:50 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.6675
 Stddev .5650
 %RSD 9.9686

#1 6.1818
 #2 5.7579
 #3 5.0628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3158.0	40200.	3865.7	68.508	3178.8
Stddev	4.5	132.	26.8	1.071	6.5
%RSD	.14237	.32857	.69228	1.5632	.20446

#1	3153.9	40053.	3835.7	67.708	3173.3
#2	3162.8	40238.	3874.1	68.092	3186.0
#3	3157.2	40309.	3887.2	69.725	3177.1

Sample Name: K3158-04 Acquired: 6/18/2019 20:16:24 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00054	.00597	.00270	.00028	.18055	.07804	.00006
Stddev	.00162	.00005	.00163	.00349	.00112	.00512	.00045	.00004
%RSD	5280.6	9.7519	27.247	129.20	403.74	2.8367	.57129	64.794

#1	.00182	.00058	.00469	.00672	.00065	.17515	.07811	.00010
#2	-.00135	.00048	.00541	.00107	.00117	.18117	.07845	.00003
#3	-.00038	.00056	.00780	.00033	-.00098	.18533	.07756	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	29.851	.00074	.00379	.00519	.08620	.64368	1.9421
Stddev	.00005	.277	.00011	.00015	.00019	.00110	.00109	.0559
%RSD	26.504	.92893	14.591	4.0774	3.7117	1.2745	.16875	2.8777

#1	.00025	29.531	.00073	.00395	.00535	.08493	.64483	1.9406
#2	.00015	30.021	.00085	.00364	.00524	.08685	.64354	1.9987
#3	.00018	30.000	.00063	.00377	.00498	.08682	.64267	1.8870

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	-.00039	286.17	-.00100	.02554	1.3715	.00017	.01473
Stddev	.00023	.00058	2.42	.00059	.00017	.0634	.00020	.00331
%RSD	9.7938	148.55	.84611	59.123	.65780	4.6205	116.95	22.438

#1	.00251	.00026	283.52	-.00164	.02548	1.2989	-.00003	.01250
#2	.00210	-.00082	286.74	-.00090	.02541	1.3996	.00036	.01317
#3	.00248	-.00060	288.26	-.00047	.02573	1.4160	.00017	.01853

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46760	1.5047	.00173	-.00213	.00841	.0058	.09499	2.6429
Stddev	.00540	.0115	.00099	.00073	.00079	.0023	.00009	.3777
%RSD	1.1550	.76196	57.139	34.254	9.3350	39.36	.09570	14.292

#1	.47230	1.5179	.00284	-.00129	.00751	.0051	.09489	3.0711
#2	.46880	1.4979	.00095	-.00255	.00896	.0084	.09503	2.5008
#3	.46170	1.4983	.00139	-.00256	.00877	.0040	.09505	2.3569

Sample Name: K3158-04 Acquired: 6/18/2019 20:16:24 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-061719 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7771
Stddev .0564
%RSD .97580

#1 5.7201
#2 5.7782
#3 5.8328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.9	40093.	3854.0	68.728	3166.0
Stddev	8.7	164.	23.8	1.035	8.0
%RSD	.27589	.40963	.61691	1.5063	.25140

#1	3142.7	40125.	3828.3	67.533	3157.1
#2	3153.0	39915.	3858.4	69.367	3168.4
#3	3160.0	40238.	3875.2	69.283	3172.5

Sample Name: K3163-10 Acquired: 6/18/2019 20:20:57 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00122	.00486	.00019	.00017	.09628	.11228	.00004
Stddev	.00192	.00013	.00027	.00089	.00073	.00854	.00016	.00004
%RSD	516.33	10.337	5.4706	467.79	442.72	8.8680	.14657	100.89

#1	.00143	.00131	.00497	-.00016	.00060	.10607	.11216	.00008
#2	.00153	.00108	.00505	-.00047	.00057	.09236	.11222	.00002
#3	-.00184	.00127	.00456	.00121	-.00068	.09040	.11247	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	14.941	.00052	.00519	.00510	.03001	.43454	1.6450
Stddev	.00003	.117	.00022	.00005	.00036	.00006	.00086	.0313
%RSD	14.501	.78576	43.584	1.0585	7.0547	.20918	.19889	1.8998

#1	.00016	14.825	.00070	.00524	.00545	.02996	.43489	1.6734
#2	.00021	14.937	.00027	.00513	.00512	.03008	.43517	1.6115
#3	.00021	15.060	.00057	.00520	.00473	.02998	.43355	1.6501

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00020	303.38	-.00040	.04099	1.6011	.00014	.02608
Stddev	.00049	.00045	.65	.00027	.00011	.0546	.00019	.00700
%RSD	30.949	221.50	.21474	67.336	.27600	3.4115	136.97	26.829

#1	.00217	-.00064	303.36	-.00055	.04112	1.5419	.00030	.02432
#2	.00127	.00026	304.04	-.00057	.04093	1.6118	-.00007	.02014
#3	.00136	-.00023	302.74	-.00009	.04091	1.6496	.00018	.03379

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28532	.58513	.00120	-.00072	.00934	.0048	.04958	2.8592
Stddev	.00448	.00342	.00024	.00097	.00131	.0010	.00014	.1186
%RSD	1.5685	.58421	19.549	135.34	14.023	19.83	.28634	4.1474

#1	.28984	.58908	.00136	-.00083	.00805	.0058	.04944	2.9459
#2	.28089	.58324	.00093	.00031	.01067	.0039	.04972	2.9075
#3	.28525	.58308	.00132	-.00162	.00929	.0047	.04959	2.7240

Sample Name: K3163-10 Acquired: 6/18/2019 20:20:57 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7625
 Stddev .8543
 %RSD 17.939

#1 5.7488
 #2 4.2874
 #3 4.2513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.2	40287.	3884.1	69.811	3174.1
Stddev	4.3	18.	18.2	.565	7.4
%RSD	.13441	.04497	.46799	.80963	.23183

#1	3165.6	40268.	3863.5	69.875	3170.5
#2	3173.1	40290.	3897.7	69.217	3182.6
#3	3165.9	40304.	3891.3	70.342	3169.3

Sample Name: K3163-12 Acquired: 6/18/2019 20:25:31 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-061719 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	.00096	.00424	.00381	.00072	.09190	.09318	.00001
Stddev	.00110	.00058	.00029	.00278	.00075	.00442	.00113	.00004
%RSD	68.864	60.256	6.7791	73.034	104.24	4.8118	1.2110	594.36

#1	.00234	.00102	.00457	.00093	.00023	.08825	.09227	-.00001
#2	.00033	.00035	.00405	.00648	.00035	.09681	.09283	-.00002
#3	.00213	.00151	.00410	.00401	.00159	.09063	.09444	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	23.694	-.00019	.01803	.00649	.01962	1.0826	3.0868
Stddev	.00008	.307	.00051	.00015	.00004	.00020	.0032	.0857
%RSD	50.855	1.2953	269.88	.80487	.64997	.99422	.29165	2.7759

#1	.00011	23.400	-.00077	.01818	.00650	.01982	1.0791	3.0176
#2	.00024	23.670	.00022	.01789	.00644	.01962	1.0836	3.0602
#3	.00010	24.013	-.00002	.01800	.00652	.01943	1.0852	3.1827

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	-.00011	289.83	-.00118	.03400	1.6154	.00010	.02674
Stddev	.00033	.00035	2.92	.00026	.00004	.0495	.00029	.00681
%RSD	10.421	330.31	1.0070	21.787	.10343	3.0662	284.54	25.457

#1	.00294	-.00022	287.58	-.00123	.03396	1.5584	.00036	.02463
#2	.00297	.00028	288.78	-.00140	.03402	1.6478	.00016	.03435
#3	.00352	-.00039	293.12	-.00090	.03402	1.6400	-.00022	.02124

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37997	1.0649	.00195	-.00234	.00923	.0031	.09562	2.6830
Stddev	.00216	.0087	.00041	.00117	.00252	.0013	.00033	.2753
%RSD	.56960	.81529	20.761	50.180	27.354	40.82	.34990	10.261

#1	.38169	1.0689	.00222	-.00123	.00646	.0017	.09547	2.6728
#2	.38068	1.0708	.00215	-.00223	.01141	.0041	.09601	2.4130
#3	.37754	1.0549	.00149	-.00357	.00981	.0035	.09539	2.9633

Sample Name: K3163-12 Acquired: 6/18/2019 20:25:31 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.6224
Stddev	.5914
%RSD	10.519

#1	5.7952
#2	6.1082
#3	4.9638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.5	40574.	3906.6	69.594	3177.7
Stddev	17.9	66.	35.7	.887	12.3
%RSD	.56509	.16348	.91301	1.2740	.38564

#1	3153.9	40646.	3880.5	69.258	3166.9
#2	3177.3	40516.	3892.0	68.925	3175.3
#3	3189.2	40561.	3947.2	70.600	3191.0

Sample Name: K3417-01 Acquired: 6/18/2019 20:30:06 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00214	.00743	.00301	.00066	.00653	.09461	-.00002
Stddev	.00345	.00054	.00024	.00158	.00120	.01145	.00034	.00005
%RSD	686.51	25.101	3.2520	52.607	180.99	175.37	.35430	264.68

#1	.00072	.00255	.00736	.00449	-.00046	-.00653	.09464	-.00000
#2	.00384	.00233	.00770	.00321	.00192	.01484	.09492	.00002
#3	-.00305	.00153	.00723	.00134	.00053	.01128	.09425	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	118.54	.00180	.00408	.00172	.01865	.07564	3.3838
Stddev	.00005	.54	.00024	.00011	.00013	.00026	.00021	.0232
%RSD	73.691	.45869	13.492	2.8036	7.6211	1.4020	.27837	.68504

#1	.00006	118.00	.00153	.00414	.00176	.01835	.07554	3.3608
#2	.00002	118.52	.00201	.00395	.00157	.01885	.07551	3.4072
#3	.00012	119.09	.00184	.00415	.00183	.01875	.07589	3.3834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00052	248.64	.01492	2.4367	1.7794	.00028	.02692
Stddev	.00036	.00010	1.80	.00032	.0243	.0324	.00020	.01023
%RSD	29.233	20.078	.72577	2.1303	.99550	1.8194	70.739	37.982

#1	.00087	-.00062	246.91	.01498	2.4616	1.7542	.00014	.03776
#2	.00158	-.00041	248.51	.01457	2.4354	1.7681	.00050	.01744
#3	.00121	-.00053	250.51	.01520	2.4132	1.8159	.00019	.02556

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6340	1.7637	-.00013	-.00673	.01768	.0172	.49630	4.0318
Stddev	.0242	.0175	.00029	.00144	.00101	.0016	.00310	.1155
%RSD	.42958	.99412	224.79	21.361	5.6941	9.325	.62399	2.8655

#1	5.6581	1.7798	-.00046	-.00518	.01656	.0177	.49891	4.1115
#2	5.6343	1.7450	.00003	-.00802	.01797	.0155	.49288	3.8993
#3	5.6097	1.7663	.00005	-.00698	.01851	.0186	.49713	4.0846

Sample Name: K3417-01 Acquired: 6/18/2019 20:30:06 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.6122
Stddev	.8942
%RSD	11.747

#1	8.6221
#2	6.9208
#3	7.2939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.3	40041.	3846.3	68.563	3132.9
Stddev	27.5	106.	31.7	1.696	28.9
%RSD	.88586	.26525	.82469	2.4730	.92312

#1	3082.1	39952.	3813.5	66.750	3103.4
#2	3105.7	40158.	3876.8	70.109	3134.1
#3	3137.0	40012.	3848.6	68.831	3161.2

Sample Name: CCV07 Acquired: 6/18/2019 20:34:36 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15137 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8413	4.9061	4.7432	4.9136	4.8418	9.7779	9.7990	.24530
Stddev	.0148	.0093	.0064	.0121	.0075	.1131	.0396	.00061
%RSD	.30515	.18897	.13401	.24520	.15552	1.1571	.40370	.24742

#1	4.8472	4.9168	4.7506	4.9207	4.8505	9.6502	9.7567	.24599
#2	4.8523	4.9005	4.7401	4.9204	4.8382	9.8179	9.8351	.24506
#3	4.8245	4.9010	4.7391	4.8997	4.8368	9.8656	9.8051	.24485

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4165	24.560	.98284	2.3894	1.2217	4.8998	2.4901	23.963
Stddev	.0019	.236	.00200	.0042	.0006	.0172	.0038	.269
%RSD	.07868	.96292	.20371	.17476	.05006	.35058	.15247	1.1227

#1	2.4185	24.288	.98442	2.3938	1.2219	4.9105	2.4945	23.659
#2	2.4147	24.673	.98351	2.3888	1.2221	4.9089	2.4877	24.171
#3	2.4162	24.719	.98059	2.3855	1.2210	4.8800	2.4881	24.059

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4477	1.2447	24.711	2.5141	2.3649	25.096	4.9394	4.6536
Stddev	.0034	.0034	.090	.0066	.0042	.083	.0088	.0694
%RSD	.13885	.27562	.36539	.26163	.17646	.33135	.17789	1.4921

#1	2.4516	1.2483	24.608	2.5216	2.3691	25.002	4.9494	4.5740
#2	2.4458	1.2440	24.775	2.5115	2.3649	25.127	4.9362	4.7020
#3	2.4456	1.2416	24.752	2.5093	2.3608	25.160	4.9327	4.6847

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8106	4.9831	4.9491	4.9067	5.1806	4.984	5.0304	2.6356
Stddev	.0152	.0387	.0131	.0125	.0297	.016	.0292	.1738
%RSD	.31603	.77584	.26445	.25460	.57416	.3245	.58004	6.5932

#1	4.8174	5.0272	4.9527	4.9145	5.2149	4.999	5.0639	2.8310
#2	4.7931	4.9668	4.9346	4.9133	5.1646	4.985	5.0170	2.4982
#3	4.8211	4.9552	4.9600	4.8923	5.1622	4.967	5.0103	2.5777

Sample Name: CCV07 Acquired: 6/18/2019 20:34:36 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15137 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .73887
 %RSD 47.064

#1 -2.4009
 #2 -.98681
 #3 -1.3221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.7	41586.	3889.0	69.077	3253.0
Stddev	9.0	74.	43.2	2.047	5.8
%RSD	.27720	.17858	1.1109	2.9633	.17729

#1	3234.4	41509.	3839.5	67.143	3246.4
#2	3244.5	41591.	3907.8	71.221	3255.2
#3	3252.3	41658.	3919.5	68.867	3257.3

Sample Name: CCB07 Acquired: 6/18/2019 20:38:34 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15137 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	.00255	.00147	-.00025	.00230	.02107	.00033	.00006
Stddev	.00119	.00060	.00119	.00173	.00129	.00997	.00013	.00000
%RSD	60.763	23.724	81.247	707.08	56.250	47.327	40.428	2.8091

#1	.00309	.00188	.00277	.00048	.00355	.03235	.00042	.00006
#2	.00208	.00271	.00044	-.00222	.00239	.01743	.00039	.00006
#3	.00072	.00306	.00119	.00101	.00097	.01343	.00018	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00377	.00026	.00042	-.00001	-.00091	.00014	-.05655
Stddev	.00004	.00304	.00023	.00011	.00007	.00015	.00001	.03360
%RSD	18.822	80.661	89.598	26.875	974.09	15.979	4.8566	59.408

#1	.00021	-.00421	.00051	.00034	-.00002	-.00078	.00013	-.02184
#2	.00020	-.00053	.00007	.00054	.00007	-.00088	.00015	-.08890
#3	.00028	-.00656	.00019	.00036	-.00007	-.00106	.00014	-.05892

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00007	.00244	.00002	-.00049	.08497	.00137	.00755
Stddev	.00022	.00033	.00206	.00013	.00010	.02445	.00032	.00256
%RSD	40.239	462.44	84.578	621.87	19.325	28.779	23.131	33.909

#1	.00079	.00031	.00068	.00007	-.00038	.06498	.00173	.01050
#2	.00041	-.00021	.00471	.00012	-.00055	.11224	.00114	.00587
#3	.00042	-.00031	.00194	-.00013	-.00055	.07769	.00124	.00629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00354	.00034	-.00173	.00431	.0008	.00002	1.0813
Stddev	.00139	.00256	.00028	.00209	.00072	.0002	.00004	.1642
%RSD	64.573	72.252	81.926	120.80	16.604	25.70	166.75	15.187

#1	.00080	.00529	.00065	-.00329	.00501	.0006	.00005	1.1694
#2	.00359	.00060	.00009	-.00253	.00358	.0008	-.00002	1.1826
#3	.00208	.00474	.00029	.00064	.00435	.0009	.00003	.89179

Sample Name: CCB07 Acquired: 6/18/2019 20:38:34 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15137 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.3365
%RSD	35.996

#1	-5.2558
#2	-2.9165
#3	-2.9662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.1	43425.	3903.1	71.317	3674.8
Stddev	13.8	215.	19.3	.506	17.8
%RSD	.40827	.49520	.49450	.70990	.48519

#1	3398.9	43319.	3918.0	71.900	3694.5
#2	3377.6	43285.	3910.0	71.058	3670.0
#3	3372.9	43673.	3881.3	70.992	3659.8

Sample Name: K3421-04 Acquired: 6/18/2019 20:43:03 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00079	.00486	.00194	.00097	.22777	.07836	.00016
Stddev	.00128	.00082	.00036	.00039	.00021	.01071	.00055	.00007
%RSD	240.16	104.02	7.4424	19.857	21.447	4.7043	.69978	44.203

#1	.00174	.00021	.00488	.00162	.00075	.23187	.07851	.00009
#2	.00069	.00172	.00521	.00184	.00099	.23583	.07775	.00015
#3	-.00082	.00042	.00449	.00237	.00116	.21561	.07882	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	8.5839	.00024	.00041	.00395	.01381	.25003	1.0871
Stddev	.00004	.0620	.00017	.00015	.00022	.00042	.00120	.0147
%RSD	13.988	.72234	70.130	35.786	5.4737	3.0357	.48185	1.3544

#1	.00031	8.5495	.00016	.00034	.00396	.01406	.25007	1.0704
#2	.00024	8.5467	.00013	.00030	.00373	.01332	.24881	1.0982
#3	.00025	8.6555	.00044	.00057	.00417	.01404	.25121	1.0928

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00055	284.32	-.00032	.02144	.51275	.00063	.02982
Stddev	.00012	.00030	.90	.00027	.00003	.03715	.00022	.00482
%RSD	25.496	54.712	.31776	83.738	.13710	7.2459	34.953	16.175

#1	.00036	-.00045	283.39	-.00063	.02143	.47588	.00081	.03538
#2	.00059	-.00031	284.37	-.00024	.02147	.51218	.00070	.02730
#3	.00043	-.00088	285.19	-.00010	.02142	.55018	.00038	.02677

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68354	.12971	.00146	-.00010	.00674	.0017	.01891	2.9990
Stddev	.00307	.00323	.00026	.00108	.00144	.0010	.00009	.2243
%RSD	.44914	2.4899	17.985	1045.8	21.312	61.95	.47058	7.4777

#1	.68003	.12984	.00154	.00089	.00509	.0011	.01902	2.9400
#2	.68487	.12641	.00117	-.00125	.00765	.0028	.01886	2.8102
#3	.68572	.13287	.00168	.00005	.00750	.0010	.01887	3.2469

Sample Name: K3421-04 Acquired: 6/18/2019 20:43:03 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6641
 Stddev .1941
 %RSD 4.1608

#1 4.7977
 #2 4.7531
 #3 4.4415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.3	41075.	3903.7	69.750	3197.2
Stddev	8.3	203.	16.1	.410	13.1
%RSD	.25981	.49363	.41215	.58725	.40913

#1	3202.4	40873.	3890.1	69.283	3204.9
#2	3201.7	41278.	3899.6	70.050	3204.7
#3	3187.7	41075.	3921.5	69.917	3182.1

Sample Name: K3421-08 Acquired: 6/18/2019 20:47:39 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	.00122	.00375	.00138	.00199	.19483	.11769	.00028
Stddev	.00162	.00083	.00053	.00044	.00196	.00420	.00120	.00000
%RSD	109.14	67.941	14.228	31.676	98.318	2.1535	1.0202	1.6611

#1	.00332	.00132	.00437	.00179	.00044	.19078	.11801	.00027
#2	.00091	.00200	.00338	.00143	.00420	.19455	.11636	.00028
#3	.00023	.00035	.00351	.00092	.00135	.19916	.11869	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	2.9412	.00055	.00017	.00600	.02566	.19261	1.0387
Stddev	.00006	.0146	.00018	.00021	.00043	.00016	.00071	.0432
%RSD	25.795	.49765	32.683	125.23	7.0968	.63723	.36806	4.1555

#1	.00029	2.9411	.00068	.00033	.00563	.02583	.19339	1.0440
#2	.00017	2.9266	.00062	-.00007	.00590	.02550	.19201	.99317
#3	.00021	2.9559	.00034	.00025	.00646	.02563	.19242	1.0790

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00008	275.74	-.00007	.07352	.88277	.00032	.01127
Stddev	.00018	.00033	2.47	.00005	.00009	.04204	.00010	.00131
%RSD	14.917	400.91	.89709	66.794	.12636	4.7624	31.717	11.599

#1	.00107	-.00014	273.28	-.00002	.07360	.85813	.00042	.01095
#2	.00120	.00027	275.71	-.00011	.07342	.85887	.00023	.01271
#3	.00143	-.00038	278.23	-.00008	.07353	.93131	.00030	.01015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19906	.16195	.00204	-.00123	.00996	.0083	.02354	2.9137
Stddev	.00518	.00028	.00059	.00270	.00048	.0010	.00007	.1444
%RSD	2.6038	.17027	28.816	219.56	4.8285	11.69	.30211	4.9573

#1	.20029	.16213	.00142	-.00289	.00961	.0072	.02355	3.0805
#2	.19337	.16210	.00259	-.00269	.00976	.0086	.02360	2.8269
#3	.20351	.16164	.00210	.00189	.01050	.0091	.02346	2.8338

Sample Name: K3421-08 Acquired: 6/18/2019 20:47:39 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5776
 Stddev .2128
 %RSD 4.6486

#1 4.3319
 #2 4.6974
 #3 4.7036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.0	41002.	3892.1	69.983	3216.9
Stddev	12.2	249.	20.6	.536	10.1
%RSD	.38043	.60673	.52829	.76654	.31527

#1	3225.0	40755.	3883.7	70.583	3228.6
#2	3203.4	41253.	3877.1	69.817	3210.3
#3	3204.4	40999.	3915.6	69.550	3211.8

Sample Name: K3369-02 Acquired: 6/18/2019 20:52:15 Type: Unk
Method: P4-ICP2(v3211) 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	.00181	.00272	.00265	.00127	.00013	.18344	.01178	.00012
Stddev	.00158	.00038	.00093	.00170	.00175	.02177	.00033	.00004
%RSD	87.013	14.046	35.213	133.80	1397.3	11.867	2.8213	30.859

#1	.00024	.00312	.00271	-.00061	-.00178	.15873	.01169	.00013
#2	.00339	.00266	.00169	.00271	.00166	.19181	.01150	.00014
#3	.00180	.00237	.00355	.00172	.00049	.19979	.01215	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	8.1148	.00116	.00033	.00094	.11402	.01084	1.1293
Stddev	.00004	.5917	.00073	.00014	.00016	.00805	.00090	.1045
%RSD	20.022	7.2921	62.624	40.726	17.464	7.0643	8.2578	9.2564

#1	.00026	7.7664	.00042	.00044	.00077	.11101	.01045	1.0812
#2	.00017	7.7799	.00188	.00038	.00110	.10790	.01021	1.0574
#3	.00022	8.7980	.00119	.00018	.00094	.12314	.01187	1.2492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00003	14.887	.00083	.00131	1.0346	.00022	.00888
Stddev	.00032	.00036	1.154	.00016	.00005	.1095	.00031	.01189
%RSD	163.27	1086.4	7.7538	19.684	3.9923	10.588	136.88	133.92

#1	-.00010	-.00026	14.166	.00074	.00126	.94569	-.00005	.02011
#2	.00015	-.00008	14.276	.00102	.00136	1.0011	.00016	.01012
#3	.00054	.00044	16.218	.00073	.00133	1.1570	.00056	-.00358

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9874	.97593	-.00011	.00447	.00398	.0276	.03042	2.7481
Stddev	.0018	.01165	.00062	.00254	.00081	.0006	.00013	2.0288
%RSD	.09180	1.1936	576.22	56.832	20.444	2.139	.42212	73.825

#1	1.9880	.98842	-.00015	.00478	.00304	.0283	.03043	1.5002
#2	1.9888	.96536	-.00070	.00179	.00445	.0274	.03054	1.6551
#3	1.9853	.97399	.00053	.00683	.00446	.0271	.03028	5.0891

Sample Name: K3369-02 Acquired: 6/18/2019 20:52:15 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.1149
 %RSD 239.69

#1 .82225
 #2 -1.1058
 #3 -1.1119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.4	40858.	3887.6	72.445	3604.5
Stddev	12.1	2954.	22.8	2.000	12.0
%RSD	.36278	7.2305	.58627	2.7603	.33274

#1	3349.1	42506.	3901.5	74.262	3618.4
#2	3330.8	42620.	3900.0	70.303	3597.4
#3	3326.2	37447.	3861.3	72.769	3597.7

Sample Name: CCV08 Acquired: 6/18/2019 20:56:42 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8328 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8532	4.9372	4.7652	4.9098	4.8480	9.6357	9.6816
Stddev	.0188	.0028	.0076	.0168	.0106	.0271	.0496
%RSD	.38828	.05747	.15900	.34136	.21855	.28071	.51274

#1	4.8468	4.9396	4.7613	4.9126	4.8459	9.6148	9.6743
#2	4.8744	4.9341	4.7739	4.9250	4.8595	9.6663	9.6359
#3	4.8384	4.9381	4.7603	4.8918	4.8386	9.6261	9.7344

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24670	2.4310	24.127	.98264	2.4023	1.2263	4.9034
Stddev	.00073	.0037	.105	.00049	.0036	.0014	.0025
%RSD	.29740	.15325	.43341	.04950	.15135	.11246	.05161

#1	.24702	2.4285	24.014	.98217	2.4035	1.2252	4.9038
#2	.24722	2.4353	24.148	.98314	2.4051	1.2278	4.9007
#3	.24586	2.4292	24.220	.98261	2.3982	1.2257	4.9058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4985	F 23.536	2.4602	1.2418	24.398	2.5190	F 2.3742
Stddev	.0037	.179	.0027	.0025	.121	.0029	.0032
%RSD	.15010	.76028	.11193	.20201	.49393	.11517	.13513

#1	2.5006	23.354	2.4617	1.2432	24.314	2.5215	2.3729
#2	2.4941	23.542	2.4619	1.2389	24.343	2.5159	2.3778
#3	2.5006	23.712	2.4570	1.2433	24.536	2.5197	2.3718

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.787	4.9657	F 4.6085	4.8203	5.0237	4.9711	4.8513
Stddev	.097	.0072	.0480	.0187	.0369	.0123	.0318
%RSD	.39043	.14521	1.0420	.38811	.73363	.24743	.65463

#1	24.752	4.9659	4.6096	4.8409	5.0214	4.9643	4.8166
#2	24.712	4.9728	4.5599	4.8155	5.0616	4.9853	4.8789
#3	24.896	4.9584	4.6560	4.8044	4.9880	4.9637	4.8584

Sample Name: CCV08 Acquired: 6/18/2019 20:56:42 Type: Unk
Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8328 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1792	4.998	5.0084	F 3.8311	F<.00000
Stddev	.0179	.008	.0089	.1514	.99091
%RSD	.34542	.1540	.17669	3.9526	123.70

#1	5.1694	5.003	5.0006	3.9879	.01791
#2	5.1999	5.002	5.0180	3.8198	-1.9025
#3	5.1684	4.989	5.0066	3.6856	-.51855

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.5	40976.	3790.2	66.466	3203.3
Stddev	5.0	100.	24.6	.836	4.9
%RSD	.15799	.24495	.65000	1.2579	.15412

#1	3190.3	40866.	3782.2	65.556	3200.1
#2	3188.9	41063.	3770.6	66.642	3200.9
#3	3198.3	40998.	3817.8	67.200	3209.0

Sample Name: CCB08 Acquired: 6/18/2019 21:00:40 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8328 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00289	.00096	.00213	.00103	.02138	.00033	.00007
Stddev	.00068	.00073	.00078	.00163	.00101	.00605	.00014	.00006
%RSD	45.190	25.073	81.658	76.288	98.245	28.284	42.221	82.390

#1	.00072	.00343	.00068	.00399	.00219	.02219	.00035	.00000
#2	.00184	.00318	.00184	.00095	.00031	.01497	.00018	.00010
#3	.00196	.00207	.00035	.00146	.00060	.02698	.00046	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00336	.00046	.00023	-.00010	-.00024	.00007	-.08404
Stddev	.00007	.00589	.00013	.00012	.00019	.00045	.00005	.02949
%RSD	34.314	175.53	28.302	50.606	180.97	187.34	70.969	35.094

#1	.00017	-.00232	.00032	.00019	.00011	-.00001	.00008	-.11657
#2	.00017	.00944	.00058	.00014	-.00017	-.00076	.00002	-.05906
#3	.00030	.00294	.00048	.00037	-.00025	.00005	.00011	-.07648

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00023	-.03749	.00027	-.00057	.03920	.00107	.01499
Stddev	.00007	.00047	.00283	.00012	.00012	.01364	.00031	.00156
%RSD	9.5426	203.45	7.5445	46.769	21.854	34.796	28.931	10.381

#1	.00081	-.00066	-.03889	.00035	-.00051	.04716	.00124	.01338
#2	.00079	-.00031	-.03423	.00012	-.00071	.04700	.00126	.01649
#3	.00067	.00027	-.03934	.00032	-.00048	.02345	.00071	.01509

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	.00072	.00098	-.00166	.00495	.0003	.00009	1.5160
Stddev	.00136	.00169	.00004	.00029	.00154	.0007	.00002	.4741
%RSD	101.22	235.40	3.7136	17.724	31.192	209.5	24.738	31.276

#1	.00205	-.00080	.00102	-.00183	.00339	.0007	.00009	1.9066
#2	-.00022	.00042	.00098	-.00132	.00647	.0008	.00007	.98846
#3	.00220	.00253	.00095	-.00182	.00498	-.0005	.00012	1.6529

Sample Name: CCB08 Acquired: 6/18/2019 21:00:40 Type: Unk
 Method: P4-ICP2(v3211) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8328 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0693
%RSD	33.070

#1	-2.4662
#2	-2.7792
#3	-4.4548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.4	43458.	3912.0	69.975	3674.6
Stddev	9.3	141.	26.4	1.589	16.5
%RSD	.27512	.32392	.67422	2.2712	.44828

#1	3372.4	43408.	3890.0	68.192	3655.6
#2	3384.1	43350.	3941.2	70.492	3683.0
#3	3390.7	43617.	3904.7	71.242	3685.1