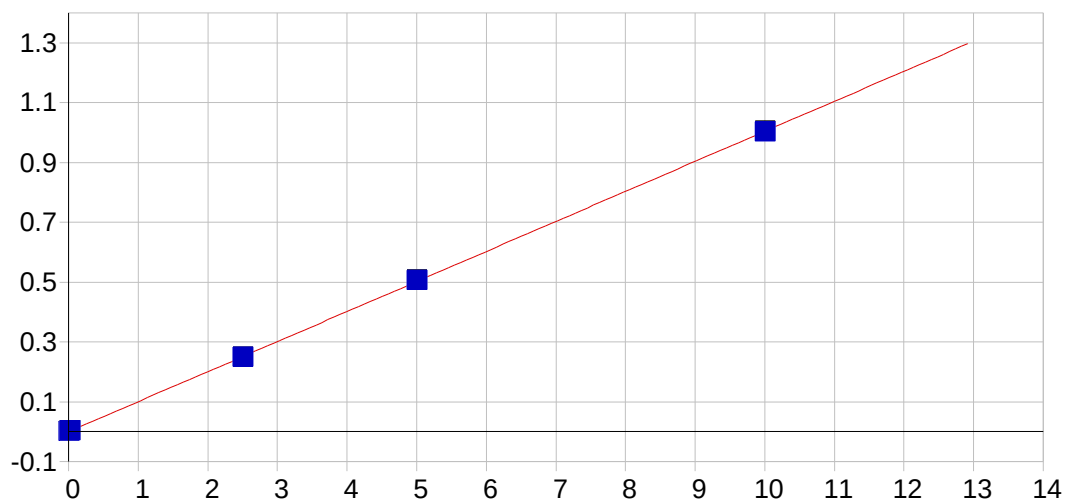


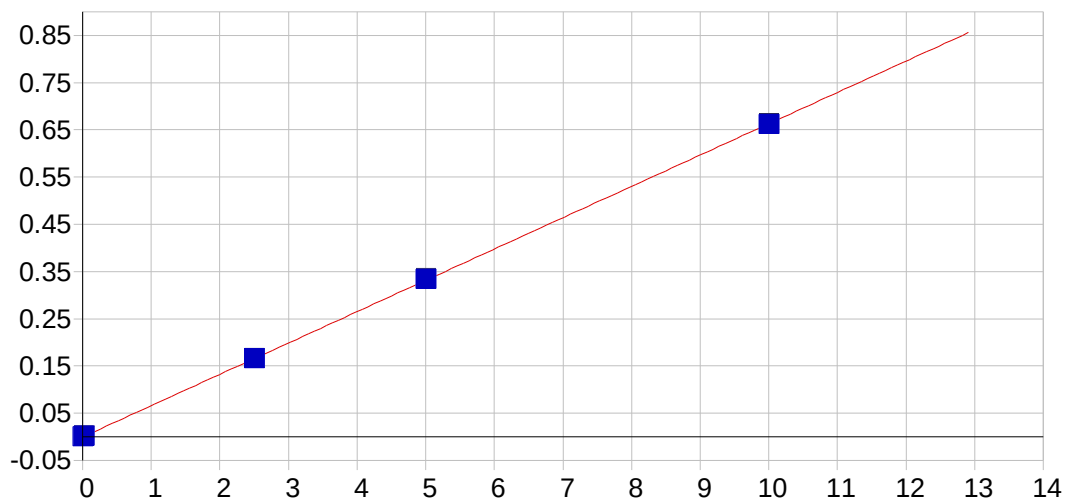


As 189.042 {478}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.100426 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003025
 Predicted MQL: 0.010084

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.02000	.01930	-.001	-3.52	.00177	.000	1
S3	2.5000	2.4815	-.019	-.740	.24903	.001	1
S4	5.0000	5.0349	.035	.699	.50544	.002	1
S5	10.000	9.9843	-.016	-.157	1.0025	.001	1



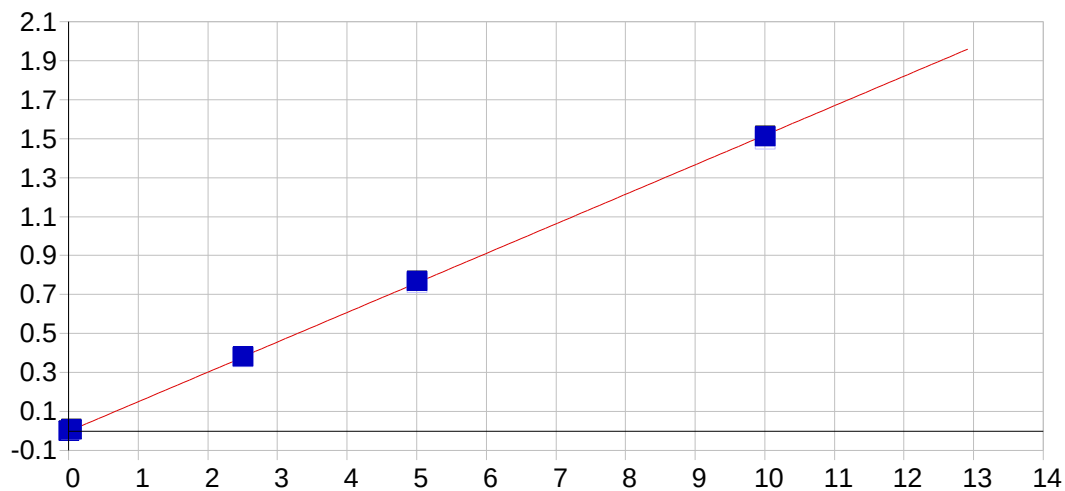
As 189.042 {479}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000164 Re-Slope: 1.000000

A1 (Gain): 0.066319 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.002984
 Predicted MQL: 0.009946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.02000	.02085	.001	4.25	.00122	.000	1
S3	2.5000	2.4902	-.010	-.392	.16498	.000	1
S4	5.0000	5.0257	.026	.515	.33314	.001	1
S5	10.000	9.9832	-.017	-.168	.66192	.001	1

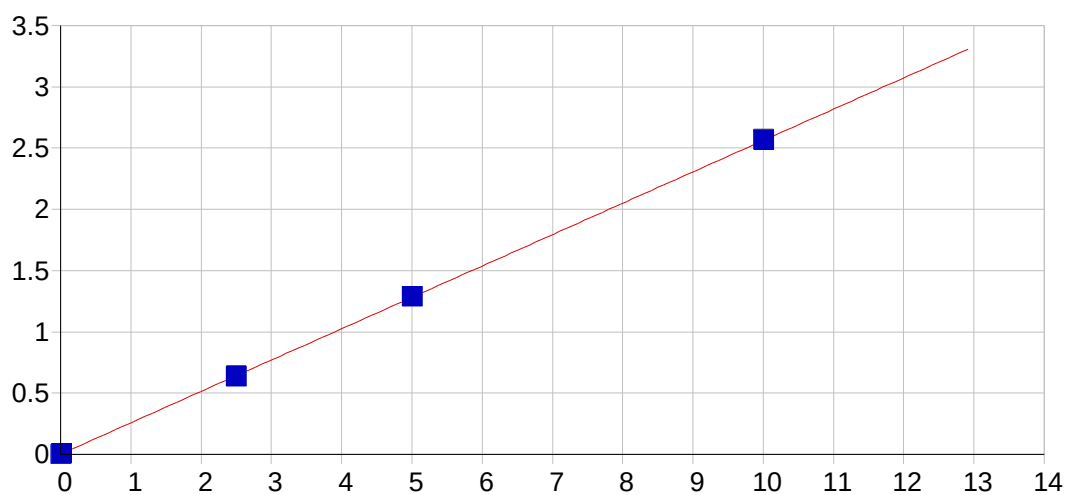


TI 190.856 {477}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000508 Re-Slope: 1.000000
 A1 (Gain): 0.151818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001435
 Predicted MQL: 0.004783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00051	.000	1
S1	.04000	.04545	.005	13.6	.00623	.000	1
S3	2.5000	2.5009	.001	.035	.37528	.002	1
S4	5.0000	5.0479	.048	.958	.75807	.000	1
S5	10.000	9.9459	-.054	-.541	1.4939	.003	1

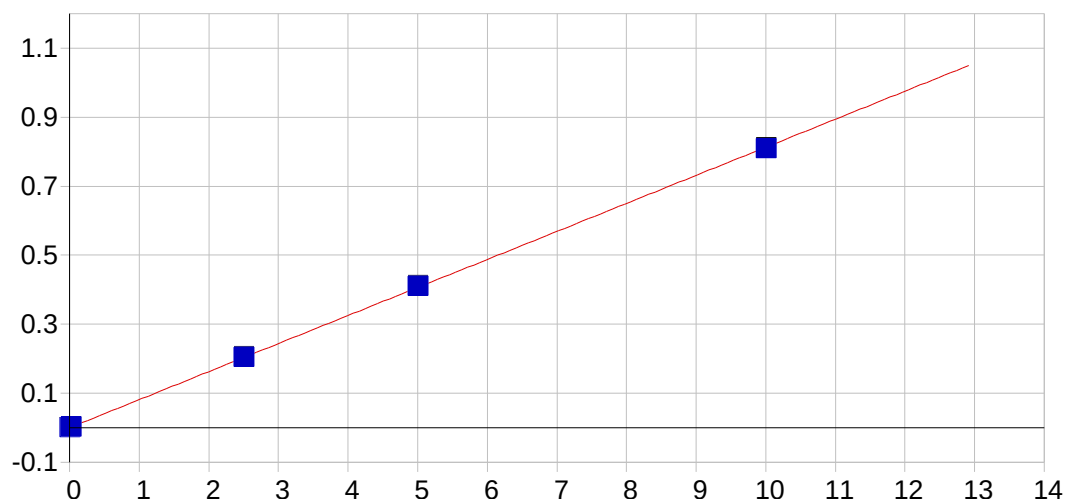


Pb 220.353 {453}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001908 Re-Slope: 1.000000
 A1 (Gain): 0.255993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001253
 Predicted MQL: 0.004175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00191	.000	1
S1	.01200	.01301	.001	8.40	.00518	.000	1
S3	2.5000	2.4646	-.035	-1.41	.63200	.003	1
S4	5.0000	5.0171	.017	.342	1.2846	.000	1
S5	10.000	10.017	.017	.173	2.5629	.004	1



Se 196.090 {472}

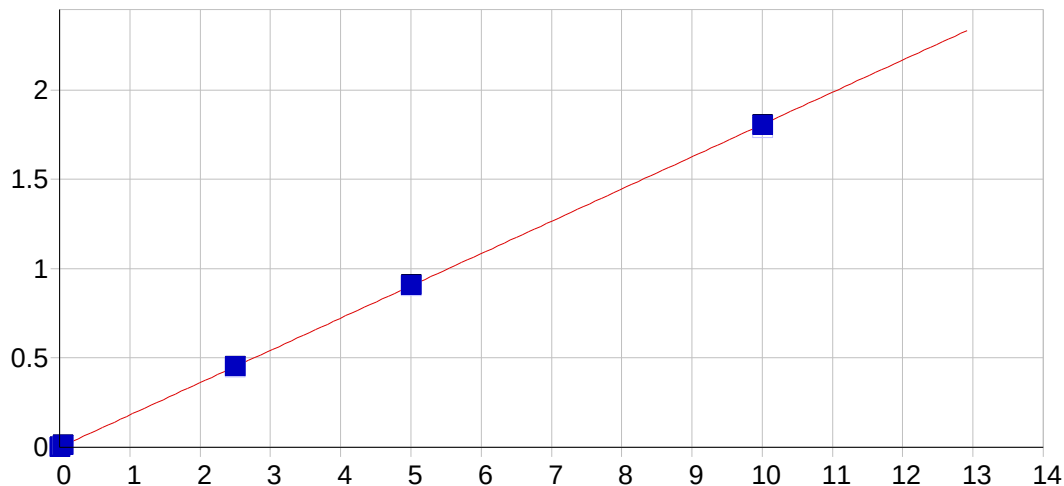
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.081288 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000019
 Predicted MDL: 0.003355
 Predicted MQL: 0.011184

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.001	1
S1	.02000	.01586	-.004	-20.7	.00138	.000	1
S3	2.5000	2.5038	.004	.151	.20360	.002	1
S4	5.0000	5.0516	.052	1.03	.41068	.002	1
S5	10.000	9.9488	-.051	-.512	.80871	.001	1



Sb 206.833 {463}

Date of Fit: 10/30/2018 15:23:37

Type of Fit: Linear

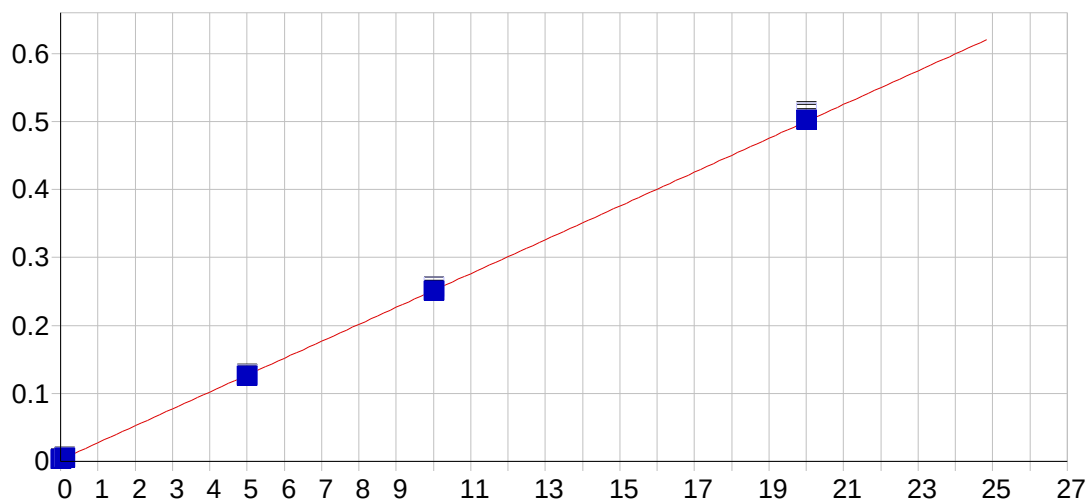
Weighting: 1/Conc

A0 (Offset): 0.000610
 A1 (Gain): 0.180590
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000053
 Predicted MDL: 0.001812
 Predicted MQL: 0.006041

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	.00061	.000	1
S1	.05000	.05646	.006	12.9	.01058	.000	1
S3	2.5000	2.4892	-.011	-.432	.44506	.000	1
S4	5.0000	5.0241	.024	.482	.89776	.003	1
S5	10.000	9.9803	-.020	-.197	1.7827	.004	1

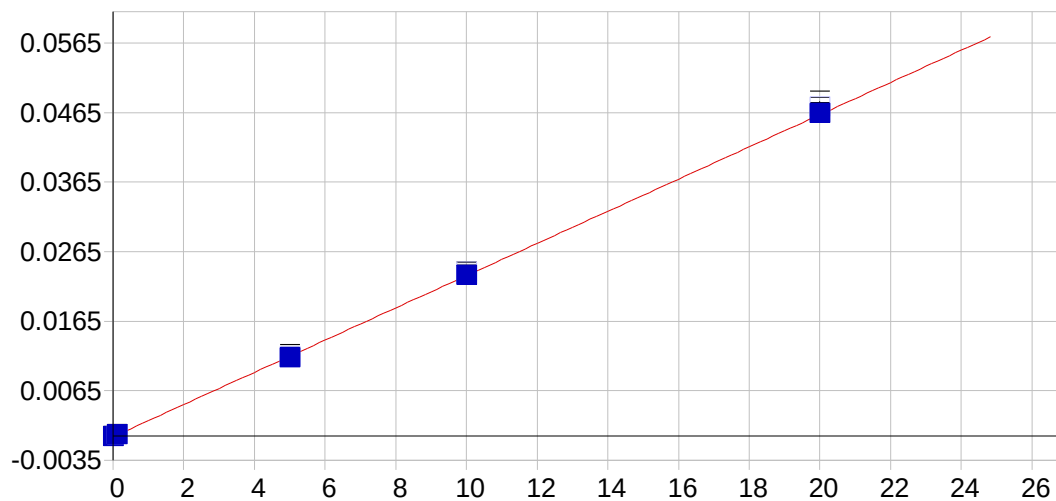


AI 308.215 {109}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002526 Re-Slope: 1.000000
 A1 (Gain): 0.024879 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003407
 Predicted MQL: 0.011356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00253	.000	1
S1	.10000	.10648	.006	6.48	.00535	.000	1
S3	5.0000	4.9234	-.077	-1.53	.12749	.000	1
S4	10.000	9.9827	-.017	-.173	.25584	.000	1
S5	20.000	20.087	.087	.436	.51218	.002	1



AI 309.271 {109}

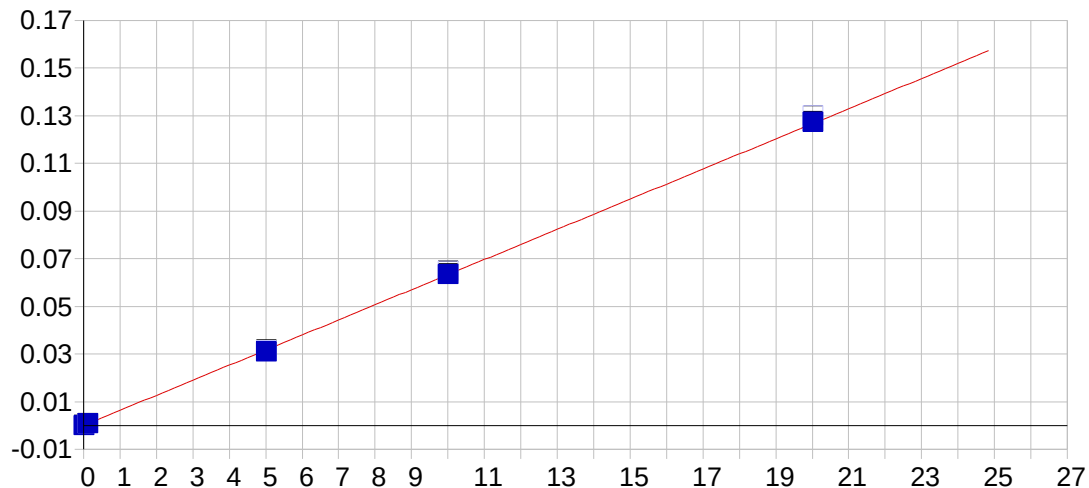
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.002315 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000002
 Predicted MDL: 0.025704
 Predicted MQL: 0.085679

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.10000	.11233	.012	12.3	.00017	.000	1
S3	5.0000	4.8923	-.108	-2.15	.01145	.000	1
S4	10.000	10.004	.004	.037	.02351	.000	1
S5	20.000	20.091	.091	.456	.04732	.001	1

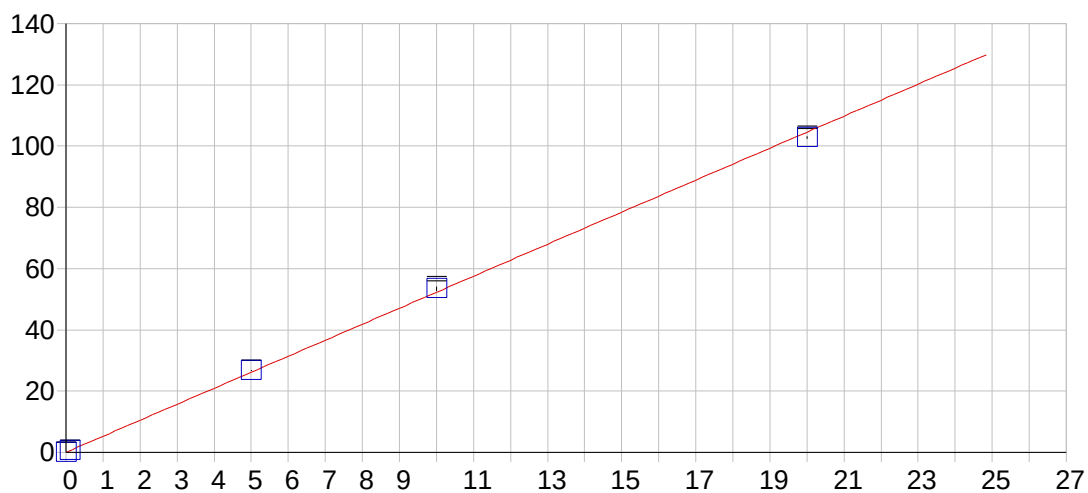


AI 396.152 { 85}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.006332 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.013951
 Predicted MQL: 0.046504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09756	-.002	-2.44	.00068	.000	1
S3	5.0000	4.8717	-.128	-2.57	.03149	.000	1
S4	10.000	10.015	.015	.153	.06469	.000	1
S5	20.000	20.116	.116	.578	.12990	.000	1

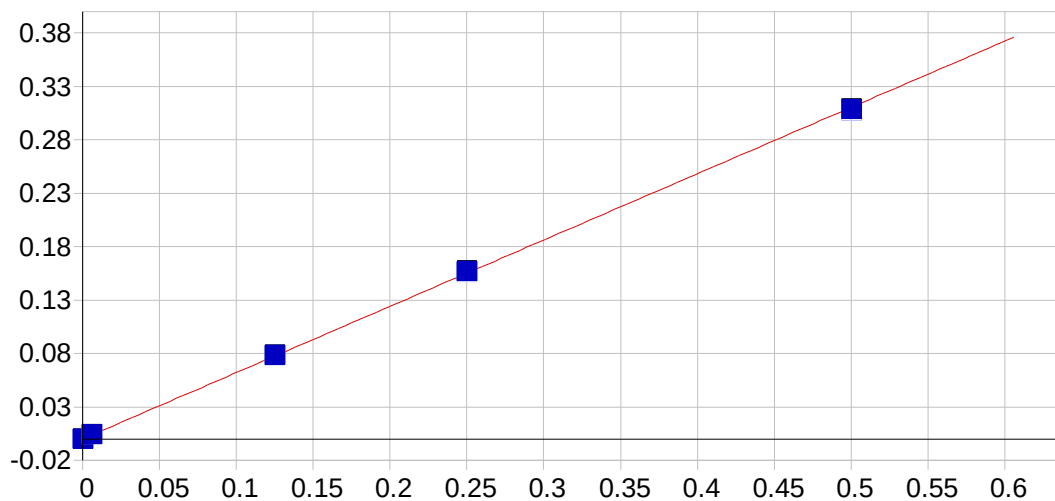


Ba 493.409 { 68}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038694 Re-Slope: 1.000000
 A1 (Gain): 5.226434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.008236
 Predicted MDL: 0.000661
 Predicted MQL: 0.002204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.03860	.001	1
S1	.10000	.11589	.016	15.9	.64439	.003	1
S3	5.0000	5.1079	.108	2.16	26.735	.092	1
S5	20.000	19.665	-.335	-1.67	102.82	.352	1
S4	10.000	10.211	.211	2.11	53.406	.781	1



Be 234.861 {144}

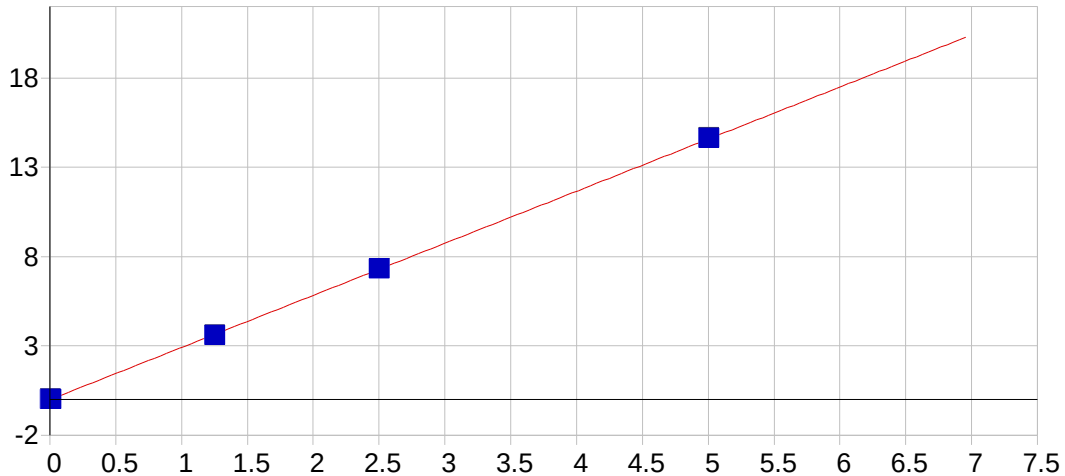
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.620784 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000017
 Predicted MDL: 0.000087
 Predicted MQL: 0.000289

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.00600	.00640	.000	6.72	.00394	.000	1
S3	.12500	.12598	.001	.783	.07772	.000	1
S4	.25000	.25211	.002	.844	.15553	.001	1
S5	.50000	.49651	-.003	-.698	.30627	.001	1

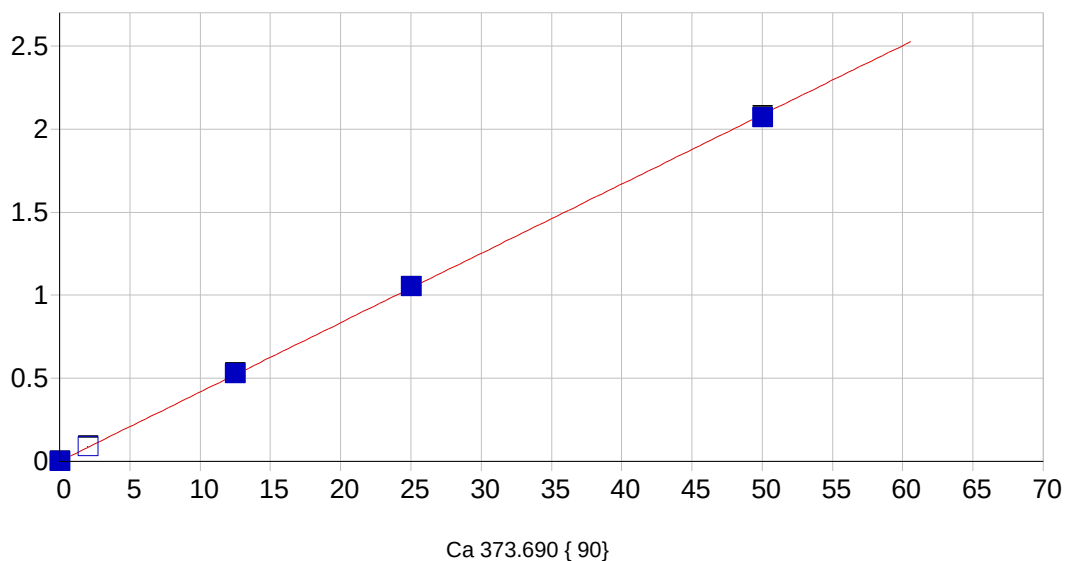


Cd 226.502 {449}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000837 Re-Slope: 1.000000
 A1 (Gain): 2.915793 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.000116
 Predicted MQL: 0.000386

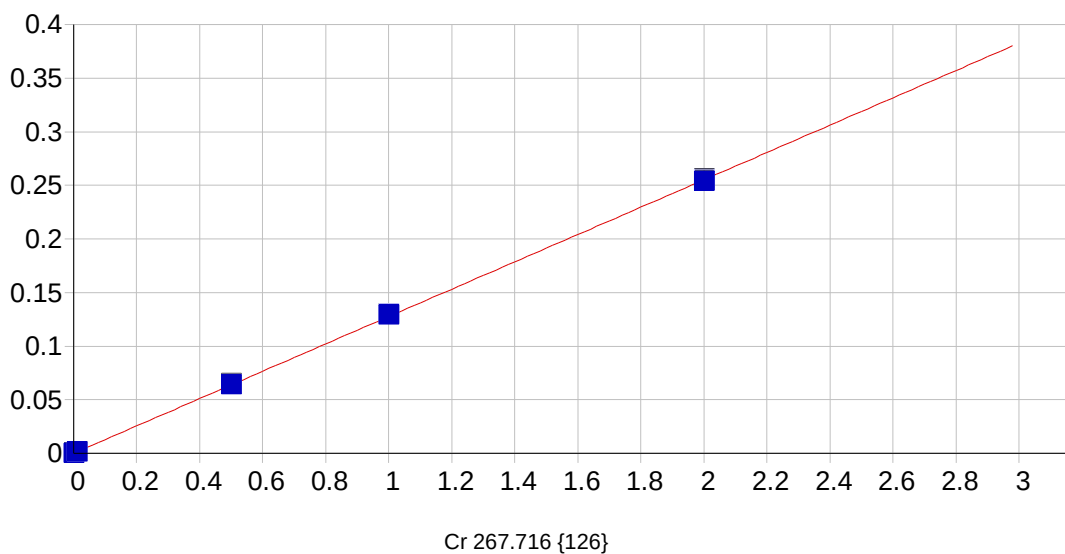
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00084	.000	1
S1	.00600	.00619	.000	3.16	.01724	.000	1
S3	1.2500	1.2287	-.021	-1.70	3.5826	.012	1
S4	2.5000	2.5071	.007	.283	7.3110	.005	1
S5	5.0000	5.0140	.014	.280	14.622	.036	1



Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000533 Re-Slope: 1.000000
 A1 (Gain): 0.041704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000285
 Predicted MDL: 0.023230
 Predicted MQL: 0.077434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1150	.115	5.75	.08874	.002	1
S0	.00000	-.00014	-.000	.000	.00053	.000	1
S3	12.500	12.654	.154	1.24	.52855	.003	1
S4	25.000	25.185	.185	.740	1.0514	.002	1
S5	50.000	49.546	-.454	-.909	2.0679	.011	1



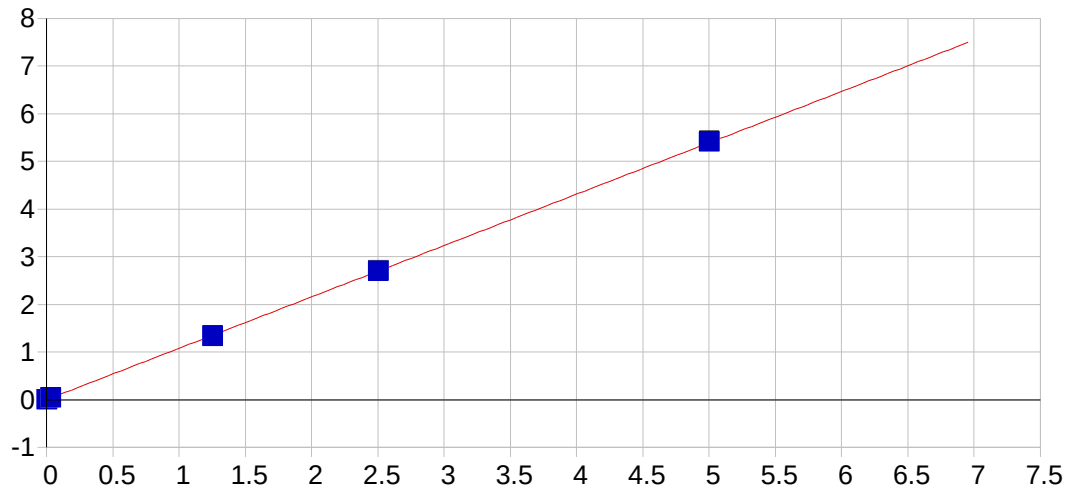
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.127506 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000007
 Predicted MDL: 0.000537
 Predicted MQL: 0.001791

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	.01000	.000	.013	.00137	.000	1
S3	.50000	.50252	.003	.504	.06463	.000	1
S4	1.0000	1.0103	.010	1.03	.12986	.000	1
S5	2.0000	1.9871	-.013	-.643	.25536	.001	1

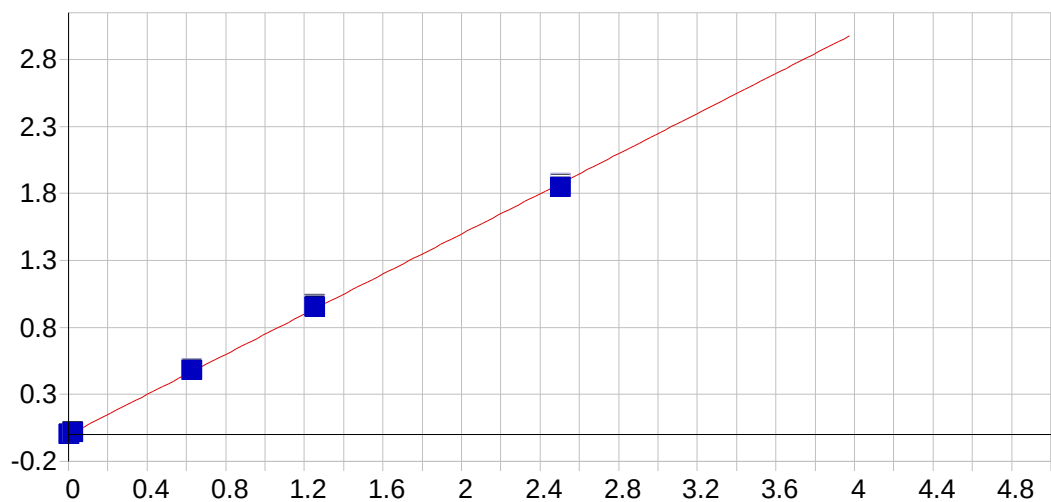


Co 228.616 {447}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000058 Re-Slope: 1.000000
 A1 (Gain): 1.078264 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.000285
 Predicted MQL: 0.000951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.03000	.03430	.004	14.3	.03671	.000	1
S3	1.2500	1.2300	-.020	-1.60	1.3272	.010	1
S4	2.5000	2.5011	.001	.044	2.6989	.003	1
S5	5.0000	5.0147	.015	.294	5.4113	.011	1

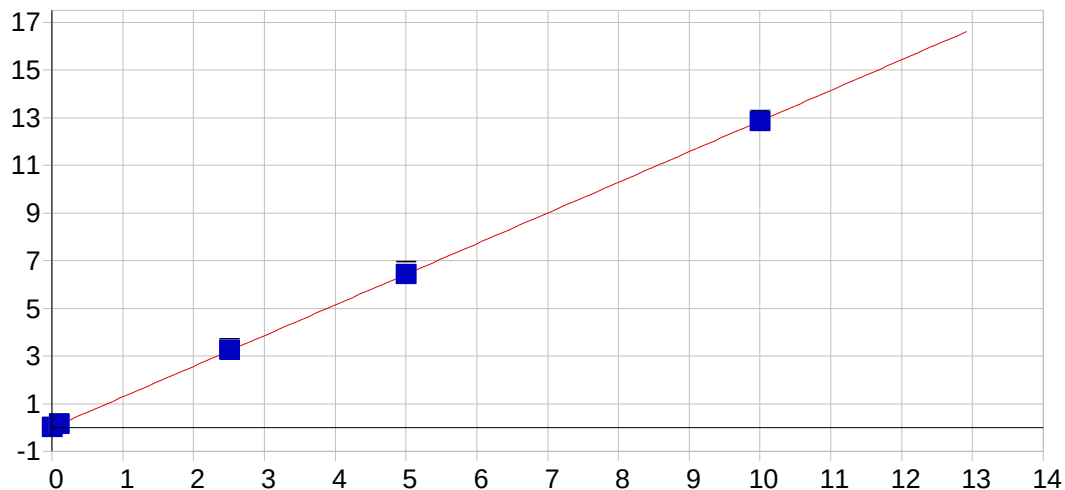


Cu 224.700 {450}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000179 Re-Slope: 1.000000
 A1 (Gain): 0.749023 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000174
 Predicted MDL: 0.000569
 Predicted MQL: 0.001895

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.02000	.02242	.002	12.1	.01719	.000	1
S3	.62500	.63850	.013	2.16	.48581	.002	1
S4	1.2500	1.2730	.023	1.84	.96844	.001	1
S5	2.5000	2.4611	-.039	-1.56	1.8731	.002	1



Fe 240.488 {140}

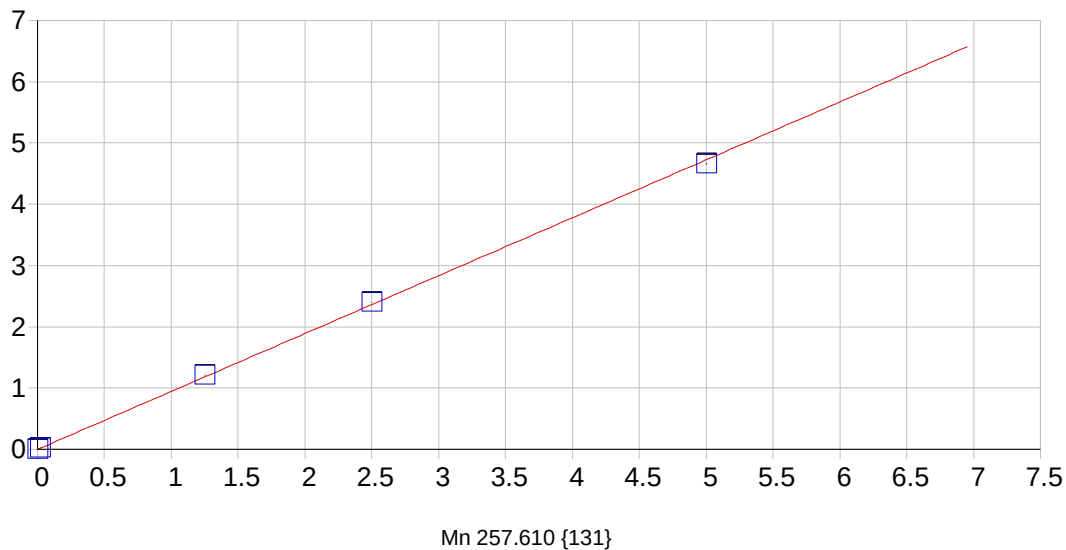
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007036 Re-Slope: 1.000000
 A1 (Gain): 1.286230 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000345
 Predicted MDL: 0.008532
 Predicted MQL: 0.028441

Status: OK.

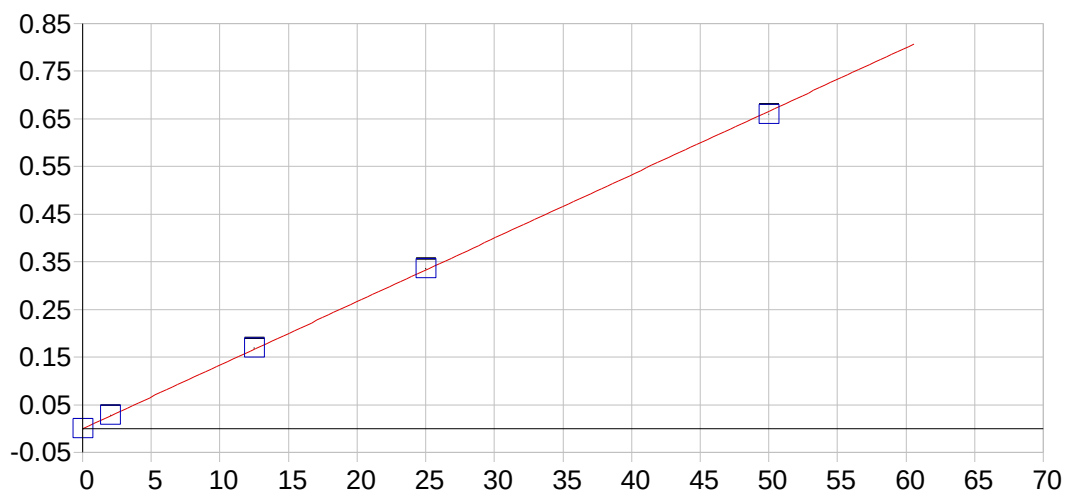
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00704	.004	1
S1	.10000	.10547	.005	5.47	.12926	.017	1
S3	2.5000	2.5159	.016	.637	3.2452	.061	1
S4	5.0000	4.9943	-.006	-.114	6.4491	.089	1
S5	10.000	9.9843	-.016	-.157	12.900	.013	1



Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000057 Re-Slope: 1.000000
 A1 (Gain): 0.945083 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000302
 Predicted MDL: 0.000072
 Predicted MQL: 0.000239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.02000	.02353	.004	17.6	.02229	.000	1
S3	1.2500	1.2818	.032	2.54	1.2114	.002	1
S4	2.5000	2.5376	.038	1.50	2.3983	.003	1
S5	5.0000	4.9271	-.073	-1.46	4.6566	.008	1

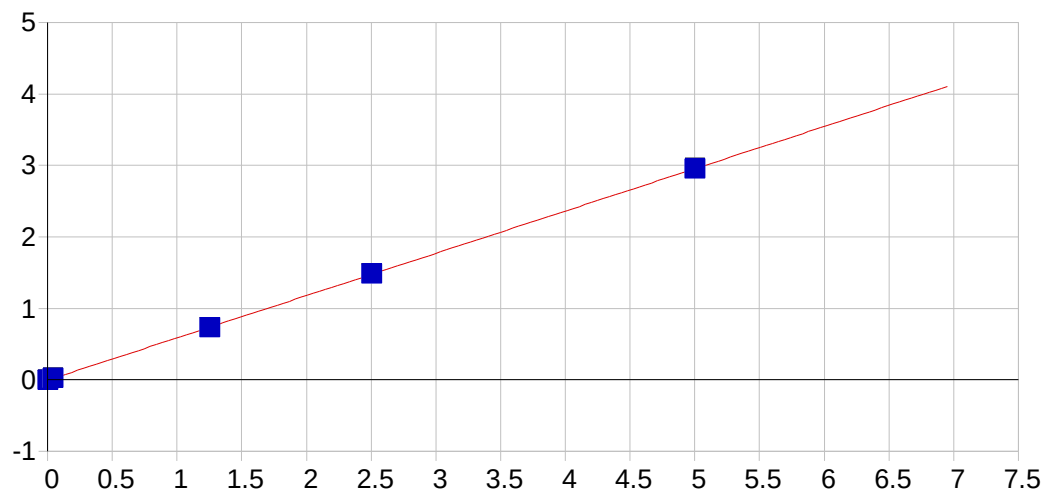


Mg 279.079 {121}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000183 Re-Slope: 1.000000
 A1 (Gain): 0.013324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.041457
 Predicted MQL: 0.138190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1021	.102	5.10	.02783	.000	1
S0	.00000	-.00013	-.000	.000	-.00018	.000	1
S3	12.500	12.668	.168	1.35	.16861	.001	1
S4	25.000	25.214	.214	.855	.33577	.001	1
S5	50.000	49.516	-.484	-.968	.65958	.000	1



Ni 231.604 {445}

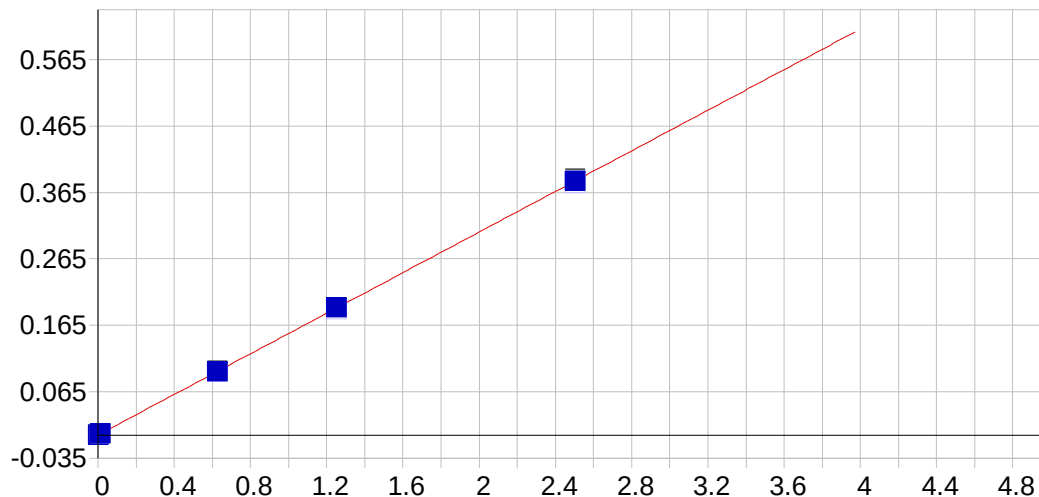
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004616 Re-Slope: 1.000000
 A1 (Gain): 0.591579 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000131
 Predicted MDL: 0.000546
 Predicted MQL: 0.001820

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00462	.000	1
S1	.04000	.04497	.005	12.4	.02200	.001	1
S3	1.2500	1.2395	-.010	-.838	.72947	.003	1
S4	2.5000	2.5089	.009	.355	1.4812	.002	1
S5	5.0000	4.9966	-.003	-.068	2.9545	.005	1



Ag 328.068 {103}

Date of Fit: 10/30/2018 15:23:37

Type of Fit: Linear

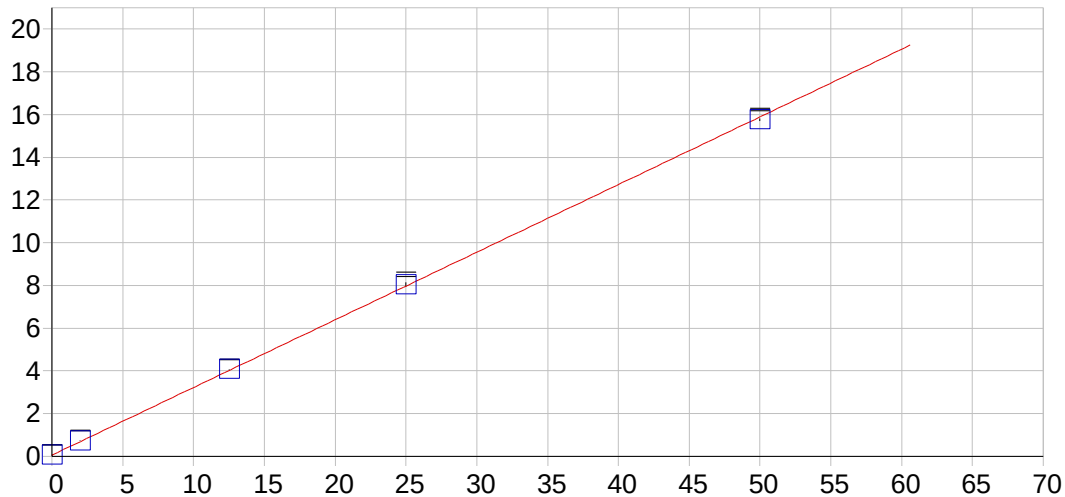
Weighting: 1/Conc

A0 (Offset): 0.000008
 A1 (Gain): 0.152703
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000007
 Predicted MDL: 0.000648
 Predicted MQL: 0.002159

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	.00001	.000	1
S1	.01000	.01093	.001	9.33	.00165	.000	1
S3	.62500	.62127	-.004	-.596	.09379	.001	1
S4	1.2500	1.2497	-.000	-.020	.18868	.001	1
S5	2.5000	2.5031	.003	.122	.37790	.003	1

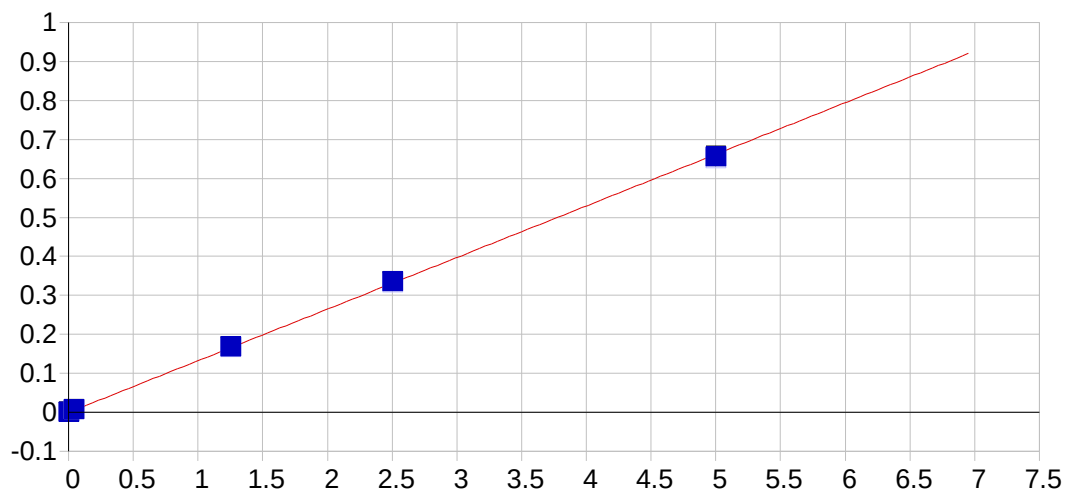


Na 589.592 { 57}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.058233 Re-Slope: 1.000000
 A1 (Gain): 0.316700 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.002054
 Predicted MDL: 0.010266
 Predicted MQL: 0.034220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1041	.104	5.20	.72460	.012	1
S0	.00000	-.00013	-.000	.000	.05819	.001	1
S3	12.500	12.650	.150	1.20	4.0645	.018	1
S4	25.000	25.190	.190	.762	8.0361	.104	1
S5	50.000	49.555	-.445	-.889	15.752	.052	1



V 292.402 {115}

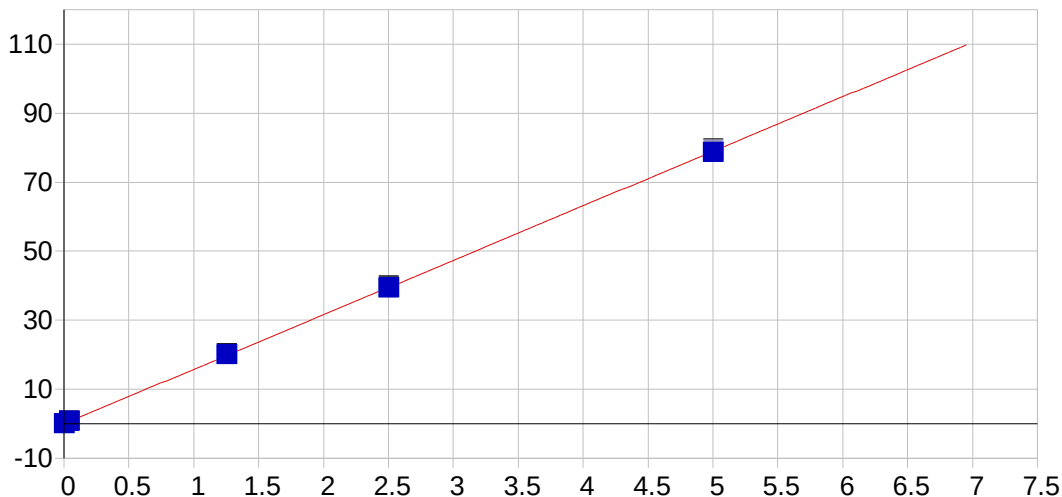
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.132385 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.000050
 Predicted MDL: 0.000601
 Predicted MQL: 0.002002

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04670	.007	16.7	.00602	.000	1
S3	1.2500	1.2676	.018	1.41	.16665	.000	1
S4	2.5000	2.5260	.026	1.04	.33217	.000	1
S5	5.0000	4.9497	-.050	-1.01	.65087	.002	1



Zn 206.200 {163}

Date of Fit: 10/30/2018 15:23:37

Type of Fit: Linear

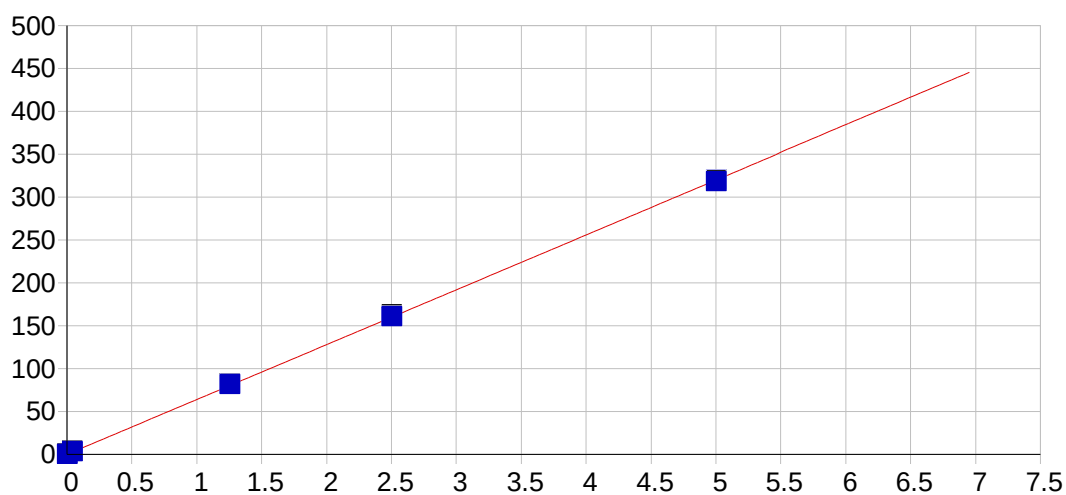
Weighting: 1/Conc

A0 (Offset): 0.001413
 A1 (Gain): 15.791184
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.007029
 Predicted MDL: 0.000786
 Predicted MQL: 0.002619

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	.00124	.005	1
S1	.04000	.05050	.010	26.2	.80294	.016	1
S3	1.2500	1.2634	.013	1.07	20.071	.229	1
S4	2.5000	2.4925	-.008	-.300	39.600	.332	1
S5	5.0000	4.9836	-.016	-.327	79.177	.445	1

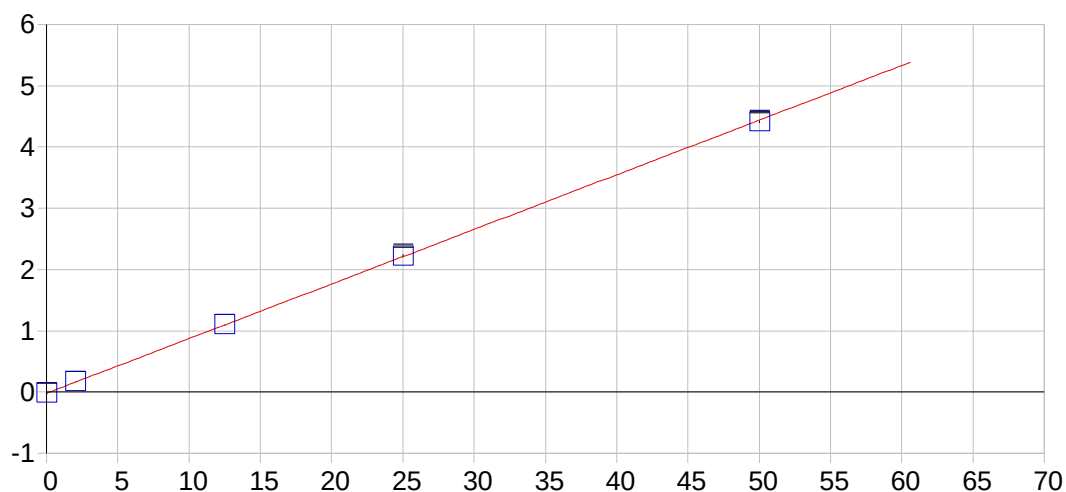


Zn 213.856 {458}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.088147 Re-Slope: 1.000000
 A1 (Gain): 64.017842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.031962
 Predicted MDL: 0.000100
 Predicted MQL: 0.000334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08741	.004	1
S1	.04000	.05106	.011	27.7	3.3738	.002	1
S3	1.2500	1.2734	.023	1.87	82.091	.269	1
S4	2.5000	2.5005	.000	.019	161.13	1.44	1
S5	5.0000	4.9651	-.035	-.698	319.88	.446	1



K 766.490 {44}

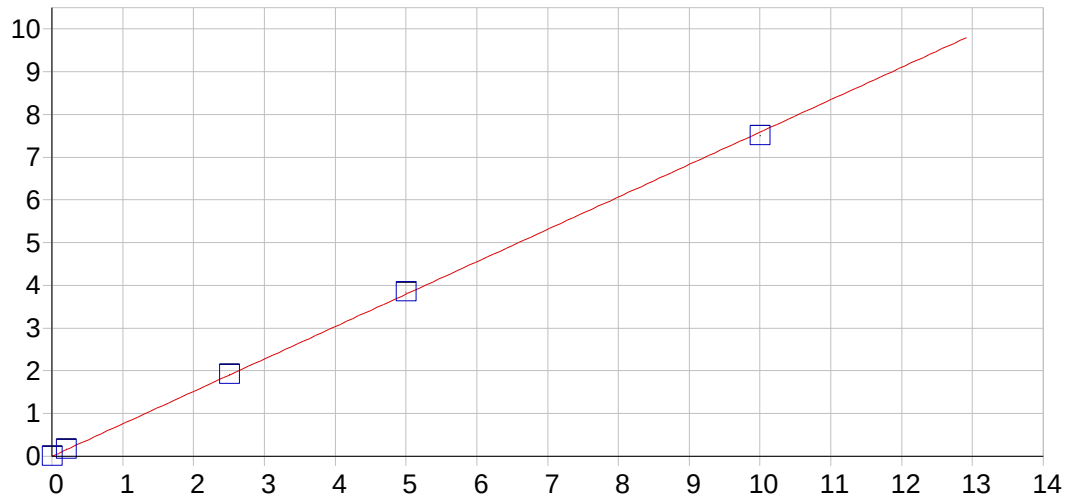
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019106 Re-Slope: 1.000000
 A1 (Gain): 0.089140 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000497
 Predicted MDL: 0.039742
 Predicted MQL: 0.132472

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1158	.116	5.79	.16950	.004	1
S0	.00000	-.00012	-.000	.000	-.01912	.003	1
S3	12.500	12.546	.046	.372	1.0993	.002	1
S4	25.000	25.132	.132	.530	2.2212	.029	1
S5	50.000	49.705	-.295	-.590	4.4116	.020	1



Mo 202.030 {467}

Date of Fit: 10/30/2018 15:23:37

Type of Fit: Linear

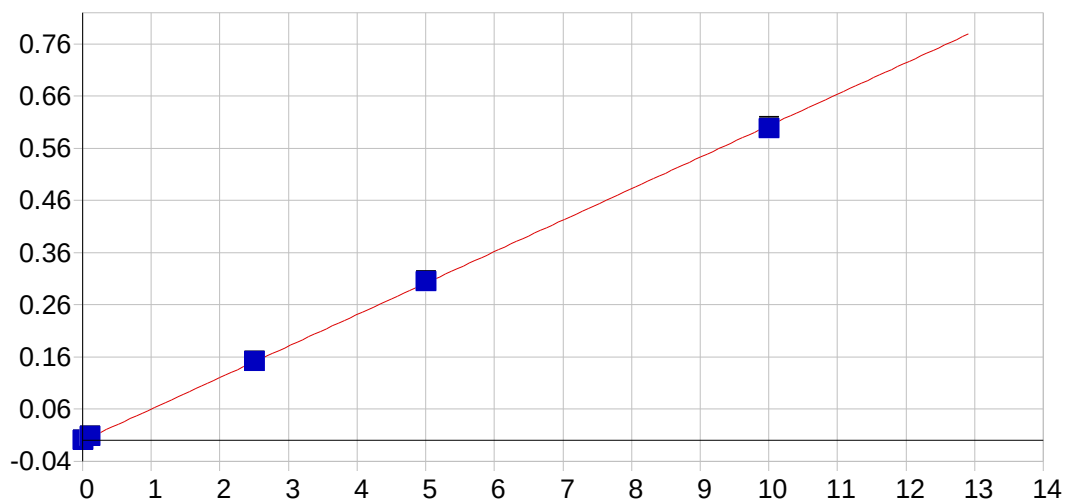
Weighting: 1/Conc

A0 (Offset): 0.000492
 A1 (Gain): 0.758659
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000878
 Predicted MDL: 0.000350
 Predicted MQL: 0.001168

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	.00048	.000	1
S1	.20000	.21791	.018	8.96	.16581	.001	1
S3	2.5000	2.5296	.030	1.18	1.9196	.004	1
S4	5.0000	5.0640	.064	1.28	3.8424	.004	1
S5	10.000	9.8885	-.112	-1.12	7.5025	.001	1

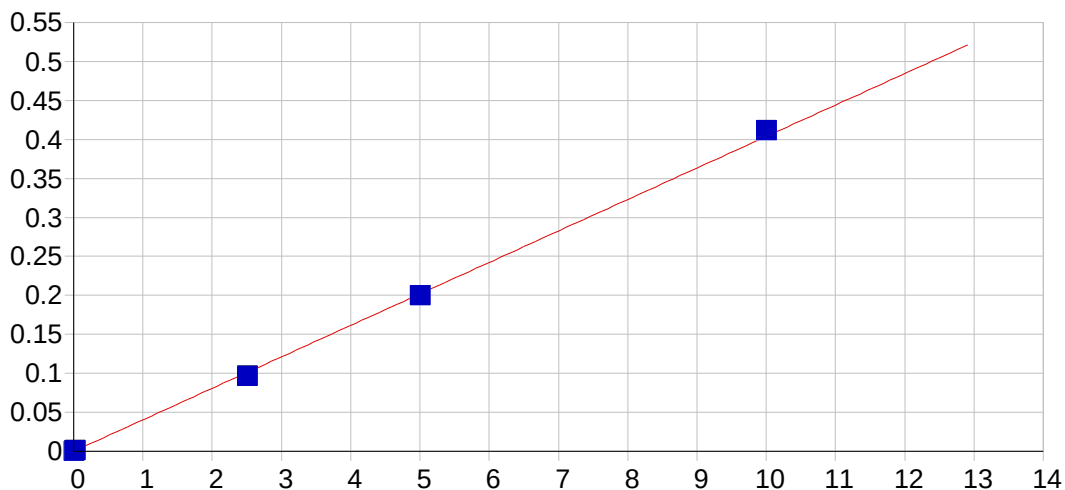


B 249.678 {135}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.060353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.007743
 Predicted MQL: 0.025810

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00009	.000	1
S1	.10000	.12574	.026	25.7	.00747	.000	1
S3	2.5000	2.5137	.014	.550	.15127	.000	1
S4	5.0000	5.0490	.049	.980	.30392	.001	1
S5	10.000	9.9116	-.088	-.884	.59669	.004	1



S 182.034 {485}

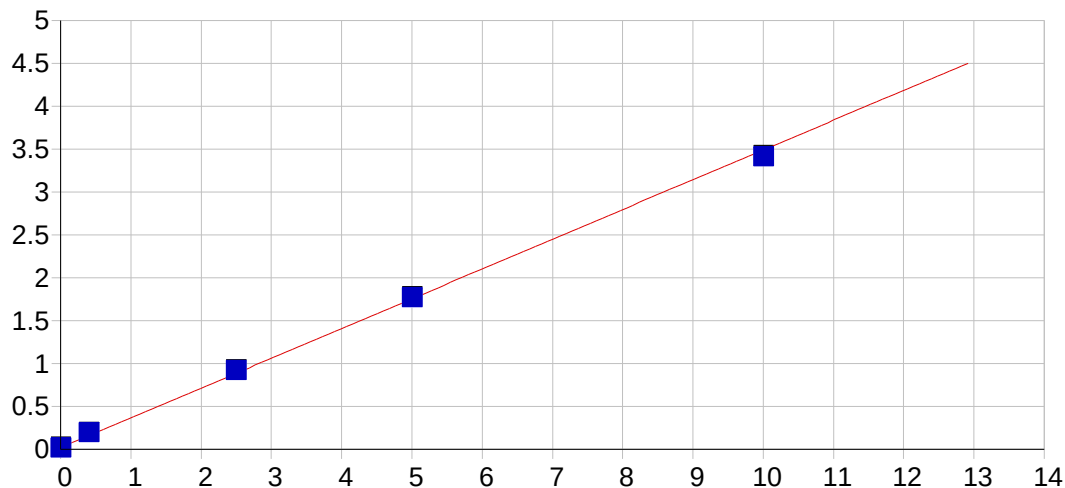
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.040373 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709
 Std Error of Est: 0.000023
 Predicted MDL: 0.003918
 Predicted MQL: 0.013062

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.02000	.02304	.003	15.2	.00094	.000	1
S3	2.5000	2.3792	-.121	-4.83	.09597	.000	1
S4	5.0000	4.9401	-.060	-1.20	.19925	.000	1
S5	10.000	10.178	.178	1.78	.41048	.000	1



Si 288.158 {117}

Date of Fit: 10/30/2018 15:23:37

Type of Fit: Linear

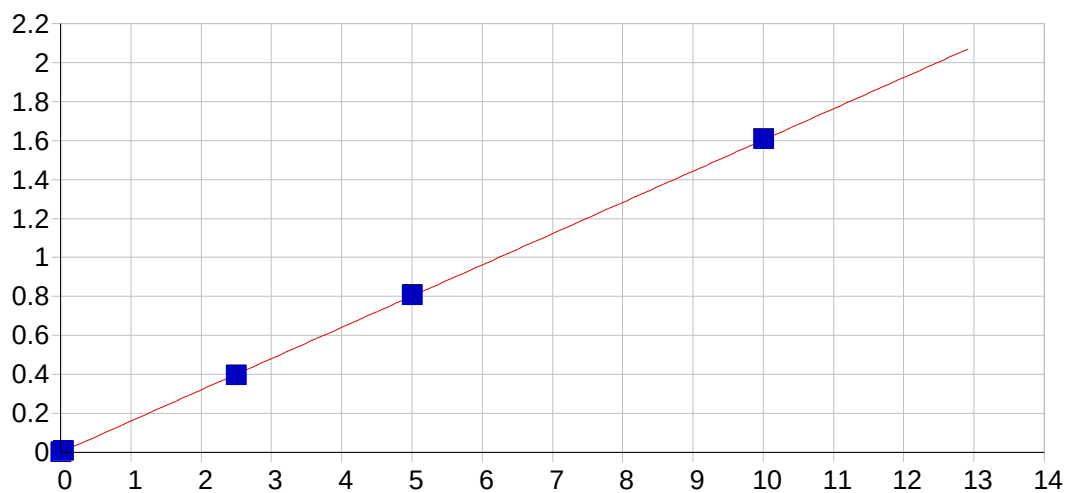
Weighting: 1/Conc

A0 (Offset): 0.018677
 A1 (Gain): 0.347157
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999013
 Std Error of Est: 0.001684
 Predicted MDL: 0.003140
 Predicted MQL: 0.010467

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	-.00011	-.000	.000	.01864	.000	1
S1	.40000	.50285	.103	25.7	.19313	.002	1
S3	2.5000	2.5932	.093	3.73	.91848	.004	1
S4	5.0000	5.0318	.032	.636	1.7646	.010	1
S5	10.000	9.7722	-.228	-2.28	3.4093	.012	1

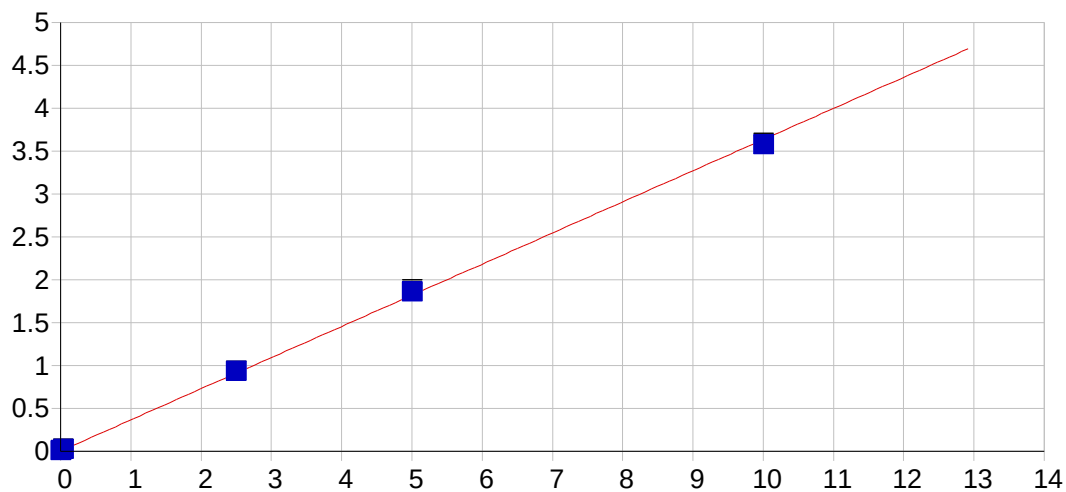


Sn 189.989 {477}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.160251 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.001000
 Predicted MQL: 0.003334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.04000	.04335	.003	8.37	.00722	.000	1
S3	2.5000	2.4543	-.046	-1.83	.39364	.000	1
S4	5.0000	5.0181	.018	.361	.80457	.002	1
S5	10.000	10.024	.024	.243	1.6070	.001	1



Ti 336.121 {100}

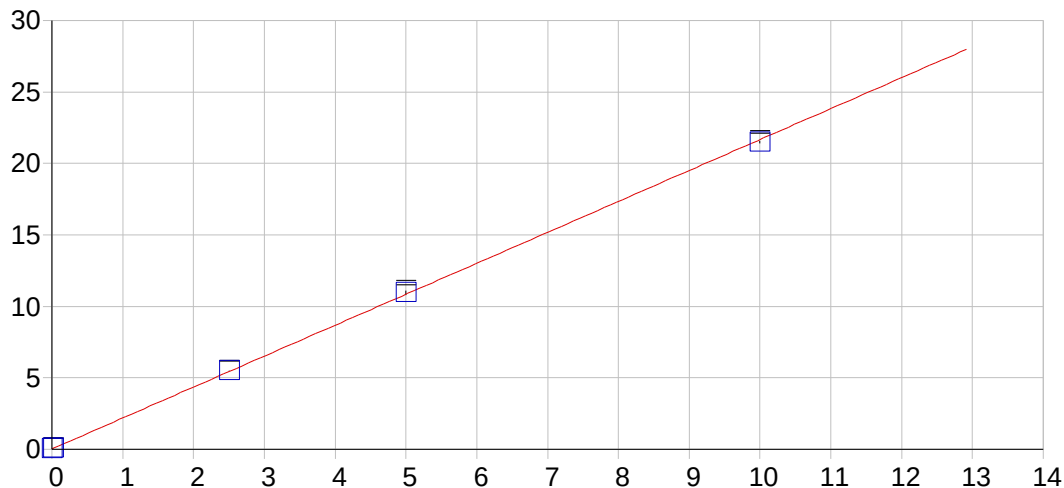
Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003847 Re-Slope: 1.000000
 A1 (Gain): 0.363103 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810
 Std Error of Est: 0.000242
 Predicted MDL: 0.002073
 Predicted MQL: 0.006910

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00384	.000	1
S1	.04000	.04450	.004	11.2	.02000	.000	1
S3	2.5000	2.5497	.050	1.99	.92952	.001	1
S4	5.0000	5.1107	.111	2.21	1.8593	.021	1
S5	10.000	9.8352	-.165	-1.65	3.5746	.018	1



Li 670.784 { 50}

Date of Fit: 10/30/2018 15:23:37

Type of Fit: Linear

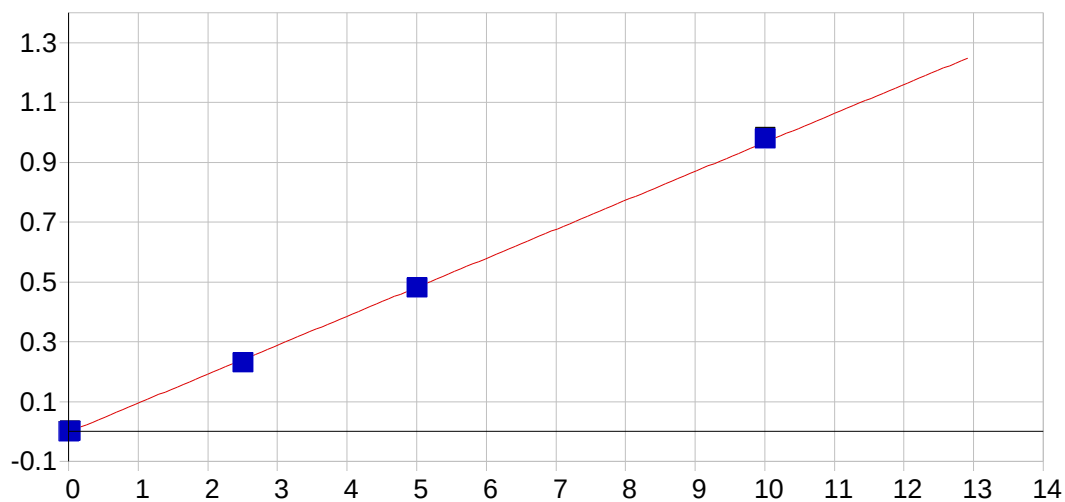
Weighting: 1/Conc

A0 (Offset): 0.023488
 A1 (Gain): 2.164817
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000462
 Predicted MDL: 0.001557
 Predicted MQL: 0.005190

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	.02349	.001	1
S1	.02000	.02097	.001	4.85	.06888	.004	1
S3	2.5000	2.5260	.026	1.04	5.4918	.018	1
S4	5.0000	5.0489	.049	.977	10.953	.143	1
S5	10.000	9.9242	-.076	-.758	21.508	.089	1

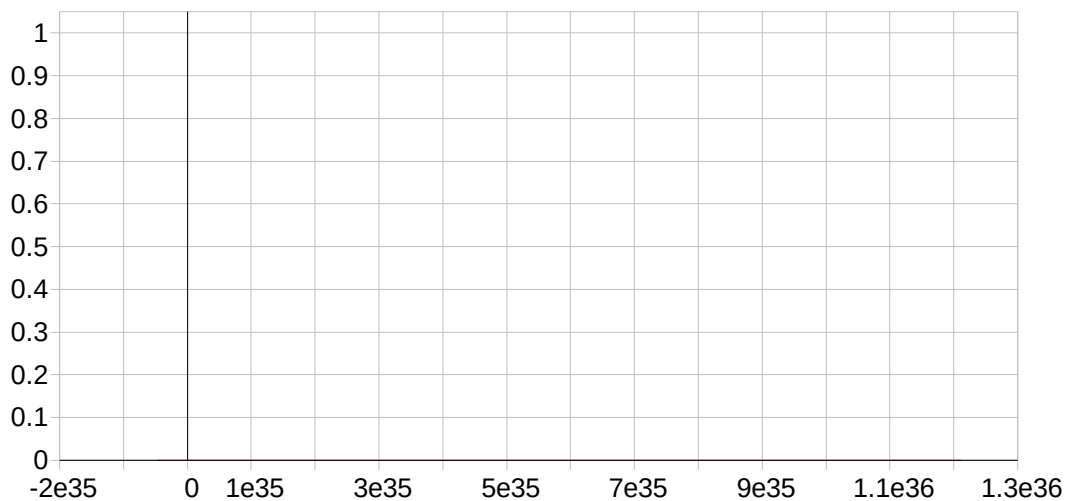


P 177.495 {490}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002270 Re-Slope: 1.000000
 A1 (Gain): 0.096868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001878
 Predicted MQL: 0.006260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00227	.000	1
S1	.02000	.02147	.001	7.33	-.00020	.000	1
S3	2.5000	2.3960	-.104	-4.16	.22947	.000	1
S4	5.0000	4.9779	-.022	-.441	.47923	.001	1
S5	10.000	10.125	.125	1.25	.97707	.003	1



Y 224.306 {450}*

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

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

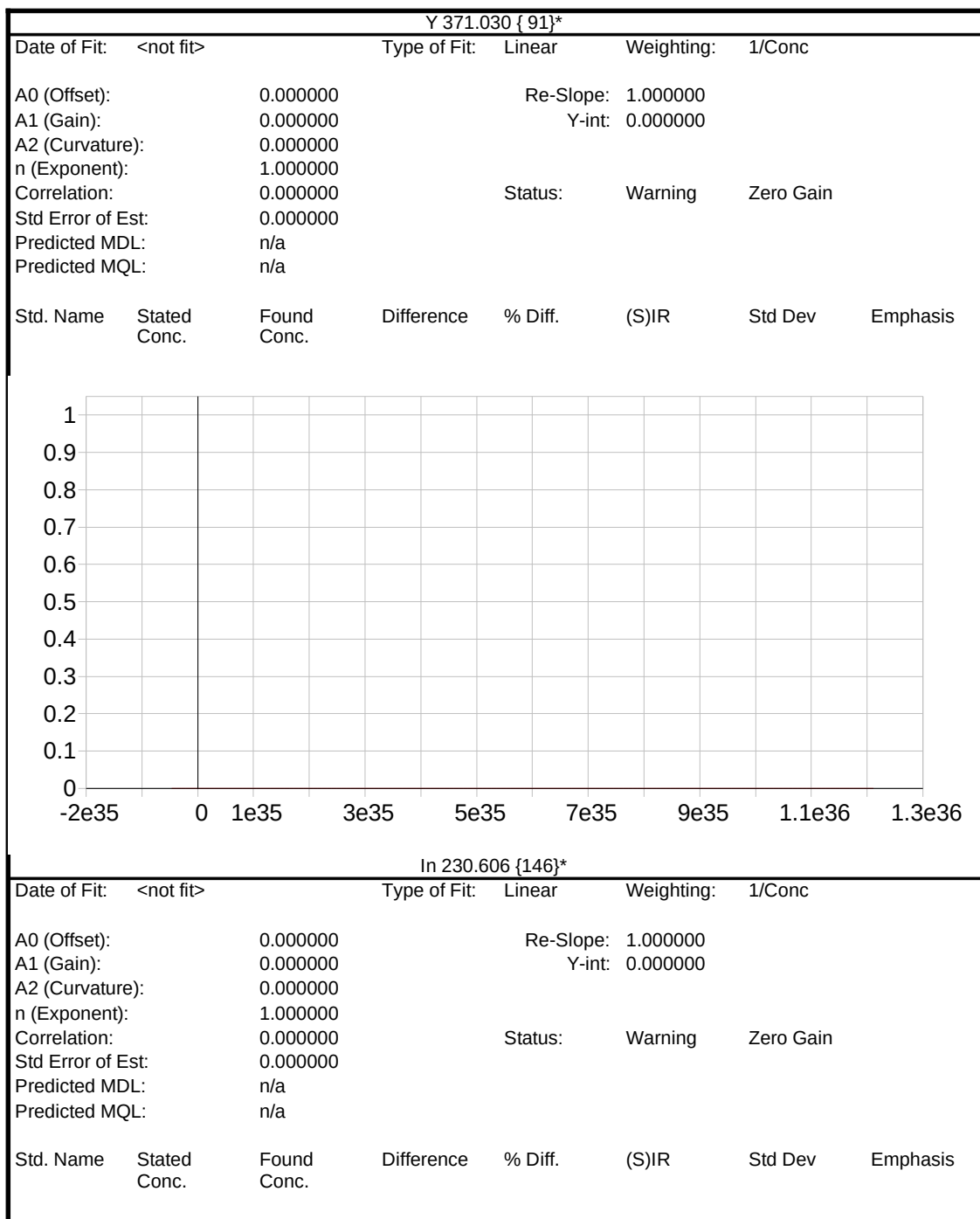
Status: Warning Zero Gain

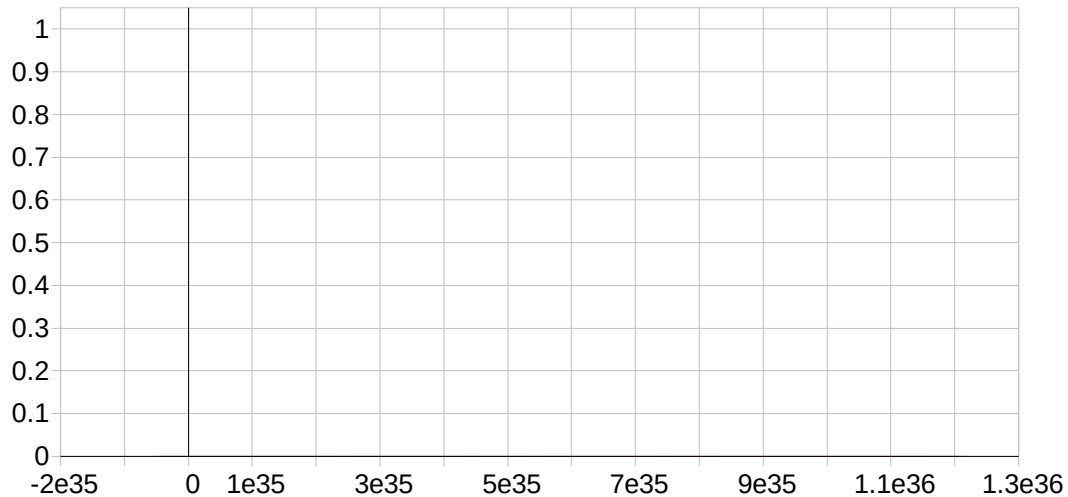
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The horizontal axis (x-axis) is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The vertical axis (y-axis) is labeled with values: 0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.

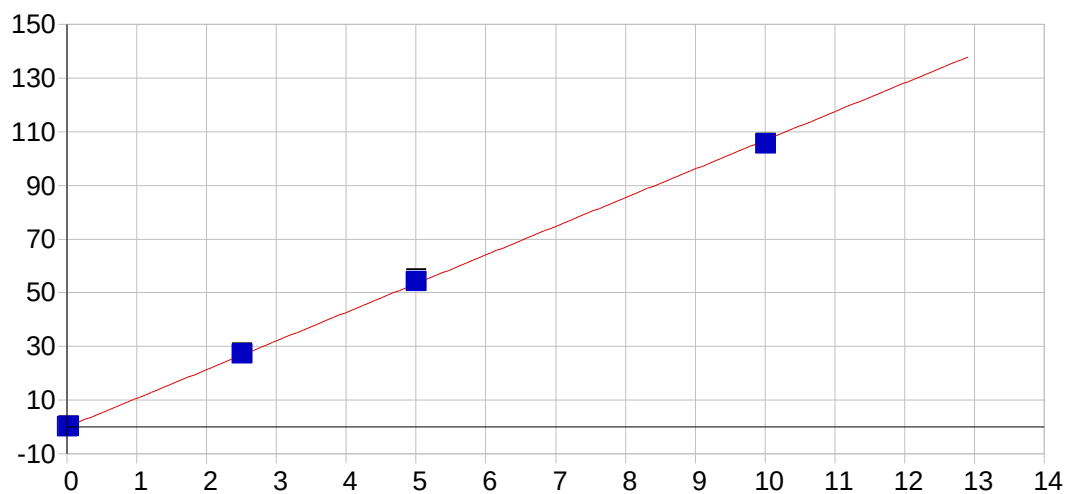




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

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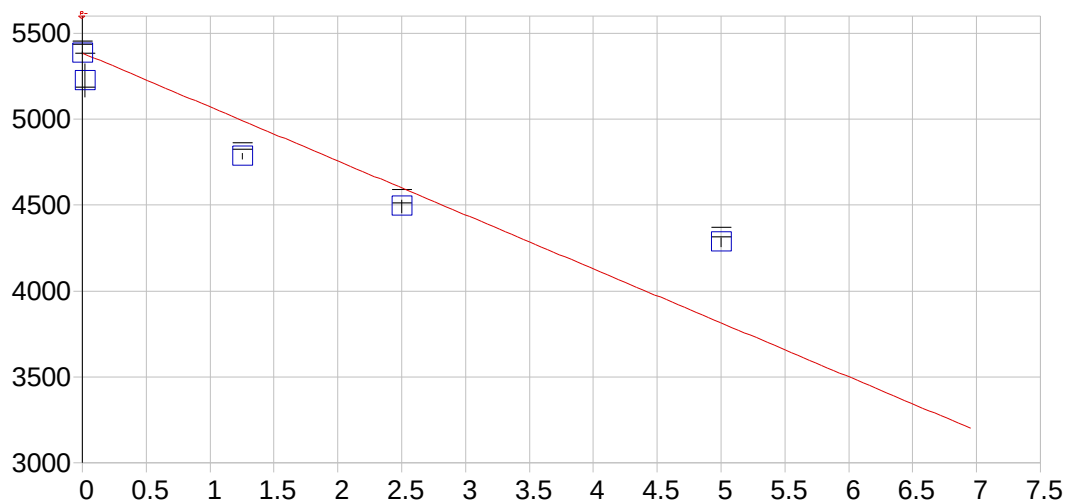


Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006167 Re-Slope: 1.000000
 A1 (Gain): 10.679620 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.004124
 Predicted MDL: 0.000123

Predicted MQL: 0.000411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00620	.000	1
S1	.02000	.02218	.002	10.9	.23184	.001	1
S3	2.5000	2.5523	.052	2.09	27.280	.087	1
S4	5.0000	5.0810	.081	1.62	54.316	.663	1
S5	10.000	9.8645	-.135	-1.35	105.46	.134	1



Date of Fit: 10/30/2018 15:23:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 5385.179978

Re-Slope: 1.000000

A1 (Gain): -314.157185

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.637901

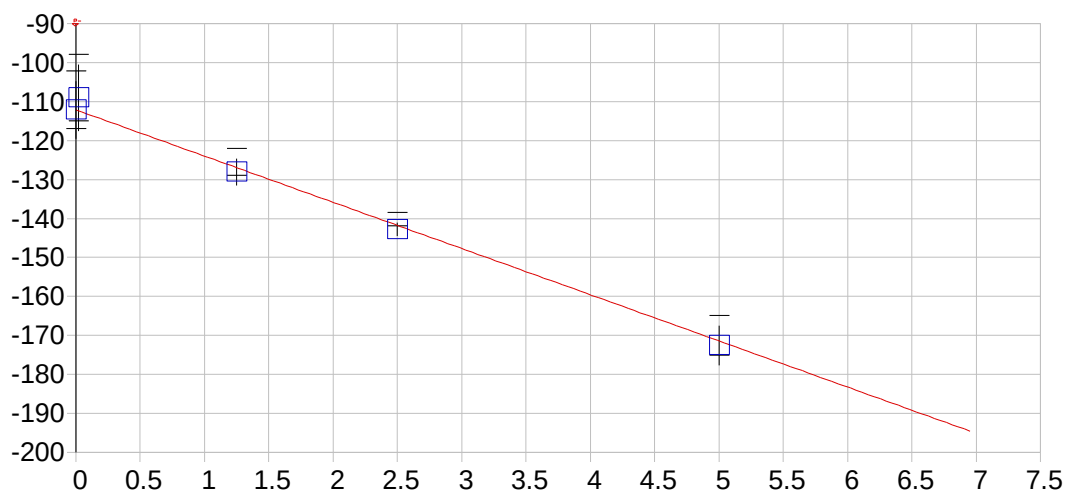
Status: Warning Negative Gain

Std Error of Est: 6.481263

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.000	.000	5385.3	8.95	1
S1	.02000	.50837	.488	2440.	5225.5	97.9	1
S3	1.2500	1.9121	.662	53.0	4784.5	17.4	1
S4	2.5000	2.8434	.343	13.7	4491.9	40.2	1
S5	5.0000	3.5061	-1.49	-29.9	4283.7	27.8	1



U 385.958 { 87}

Date of Fit: 10/30/2018 15:23:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -112.146539 Re-Slope: 1.000000

A1 (Gain): -11.851247 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.827866

Status: Warning Negative Gain

Std Error of Est: 0.137220

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	-112.15	7.36	1
S1	.02000	-.26320	-.283	-1420.	-109.03	8.58	1
S3	1.2500	1.3413	.091	7.31	-128.04	3.46	1
S4	2.5000	2.5868	.087	3.47	-142.80	1.70	1
S5	5.0000	5.1050	.105	2.10	-172.65	5.09	1

Sample Name: S0 Acquired: 10/30/2018 15:00:05 Type: Cal
Method: P4-ICP2(v2534) 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	-.00016	-.00051	.00191	.00009	.00061	.00001	.03860	-.00000
Stddev	.00008	.00001	.00006	.00054	.00006	.00002	.00079	.00003
%RSD	50.033	2.4758	2.9926	587.98	10.277	144.06	2.0545	113330.
#1	-.00011	-.00050	.00195	-.00029	.00056	-.00000	.03916	-.00002
#2	-.00022	-.00052	.00187	.00047	.00065	.00003	.03804	.00002
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	-.00084	.00053	.00008	-.00006	.00018	-.00704	.00005	-.00018
Stddev	.00011	.00021	.00002	.00001	.00019	.00422	.00000	.00004
%RSD	13.050	39.064	24.089	16.392	105.01	59.897	2.0472	21.865
#1	-.00076	.00067	.00010	-.00007	.00031	-.00406	.00005	-.00021
#2	-.00091	.00038	.00007	-.00006	.00005	-.01003	.00005	-.00016
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	-.00462	.00001	.05819	-.00008	.08741	-.01912	.00048	-.00009
Stddev	.00027	.00006	.00105	.00004	.00411	.00292	.00009	.00031
%RSD	5.7698	746.53	1.8023	49.632	4.7075	15.252	18.848	341.81
#1	-.00443	.00005	.05745	-.00005	.09032	-.02118	.00054	-.00031
#2	-.00481	-.00003	.05894	-.00010	.08450	-.01706	.00041	.00013
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	.00003	.01864	.00028	.00384	.02349	-.0023	-.00620	5385.3
Stddev	.00003	.00020	.00000	.00043	.00079	.0000	.00042	8.9
%RSD	99.715	1.0714	1.6770	11.219	3.3461	.7912	6.7141	.16612
#1	.00006	.01850	.00028	.00354	.02404	-.0023	-.00649	5391.7
#2	.00001	.01878	.00027	.00415	.02293	-.0023	-.00590	5379.0

Sample Name: S0 Acquired: 10/30/2018 15:00:05 Type: Cal
 Method: P4-ICP2(v2534) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-112.15
Stddev	7.36
%RSD	6.5651

#1	-117.36
#2	-106.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.3	54439.	3595.9	115.85	3143.6
Stddev	4.9	19.	20.4	1.62	1.6
%RSD	.19840	.03517	.56777	1.3988	.04935

#1	2487.8	54453.	3581.4	116.99	3142.5
#2	2494.8	54426.	3610.3	114.70	3144.7

Sample Name: S1 Acquired: 10/30/2018 15:04:08 Type: Cal
Method: P4-ICP2(v2534) 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	.00122	.00623	.00518	.00138	.01058	.00068	.64439	.00394
Stddev	.00024	.00033	.00003	.00010	.00021	.00004	.00340	.00006
%RSD	19.484	5.3473	.65688	7.4378	2.0069	6.2818	.52775	1.4340

#1	.00139	.00647	.00516	.00145	.01073	.00065	.64679	.00390
#2	.00105	.00600	.00521	.00131	.01043	.00071	.64198	.00398

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	.01724	.00137	.03671	.01719	.12926	.02229	.02200	.00165
Stddev	.00023	.00012	.00014	.00031	.01672	.00008	.00055	.00007
%RSD	1.3476	8.6986	.36940	1.8121	12.937	.34018	2.5081	4.3146

#1	.01708	.00128	.03662	.01741	.14108	.02224	.02239	.00160
#2	.01741	.00145	.03681	.01697	.11743	.02235	.02161	.00170

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	.00602	3.3738	.16581	.00747	.00094	.19313	.00722	.02000
Stddev	.00009	.0024	.00068	.00006	.00012	.00156	.00003	.00014
%RSD	1.4201	.07229	.41101	.77323	13.076	.80524	.38826	.71503

#1	.00596	3.3755	.16630	.00743	.00085	.19423	.00724	.01989
#2	.00608	3.3721	.16533	.00751	.00103	.19203	.00720	.02010

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06888	-.0002	.23184	5225.5	-109.03
Stddev	.00351	.0001	.00082	97.9	8.58
%RSD	5.1014	72.83	.35584	1.8736	7.8678

#1	.07137	-.0003	.23242	5294.7	-102.96
#2	.06640	-.0001	.23126	5156.2	-115.09

Sample Name: S1 Acquired: 10/30/2018 15:04:08 Type: Cal
Method: P4-ICP2(v2534) 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	2516.5	55303.	3706.2	116.60	3164.2
Stddev	9.4	351.	41.0	.01	9.9
%RSD	.37203	.63429	1.1066	.00505	.31264
#1	2509.9	55551.	3677.2	116.60	3157.2
#2	2523.1	55055.	3735.2	116.59	3171.2

Sample Name: S2 Acquired: 10/30/2018 15:08:12 Type: Cal
Method: P4-ICP2(v2534) 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	.08874	.02783	.72460	.16950
Stddev	.00235	.00018	.01206	.00361
%RSD	2.6447	.64327	1.6642	2.1311

#1	.09040	.02795	.73312	.17205
#2	.08708	.02770	.71607	.16694

Int. Std.	Y_3710
Units	Cts/S
Avg	3724.7
Stddev	51.5
%RSD	1.3836

#1	3688.3
#2	3761.1

Sample Name: S3 Acquired: 10/30/2018 15:12:11 Type: Cal
Method: P4-ICP2(v2534) 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	.16498	.37528	.63200	.20360	.44506	.03149	26.735	.07772
Stddev	.00042	.00171	.00307	.00152	.00044	.00025	.092	.00011
%RSD	.25504	.45464	.48566	.74744	.09978	.78900	.34328	.14028

#1	.16528	.37648	.63417	.20467	.44537	.03131	26.800	.07779
#2	.16469	.37407	.62983	.20252	.44474	.03167	26.670	.07764

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5826	.52855	.06463	1.3272	.48581	3.2452	1.2114	.16861
Stddev	.0121	.00266	.00034	.0104	.00195	.0606	.0015	.00108
%RSD	.33745	.50324	.51908	.78079	.40131	1.8681	.12543	.64006

#1	3.5912	.53044	.06440	1.3345	.48718	3.2023	1.2104	.16937
#2	3.5741	.52667	.06487	1.3199	.48443	3.2881	1.2125	.16785

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	.72947	.09379	4.0645	.16665	82.091	1.0993	1.9196	.15127
Stddev	.00262	.00079	.0178	.00011	.269	.0025	.0038	.00007
%RSD	.35941	.84754	.43821	.06325	.32755	.22549	.19832	.04498

#1	.73132	.09323	4.0771	.16673	81.900	1.1010	1.9223	.15122
#2	.72761	.09436	4.0519	.16658	82.281	1.0975	1.9169	.15132

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	.09597	.91848	.39364	.92952	5.4918	.2295	27.280	4784.5
Stddev	.00009	.00391	.00020	.00112	.0184	.0002	.087	17.4
%RSD	.09603	.42524	.05011	.12005	.33548	.0790	.31905	.36317

#1	.09591	.92124	.39350	.93030	5.5048	.2293	27.342	4796.8
#2	.09604	.91571	.39378	.92873	5.4788	.2296	27.219	4772.2

Sample Name: S3 Acquired: 10/30/2018 15:12:11 Type: Cal
Method: P4-ICP2(v2534) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-128.04
Stddev	3.46
%RSD	2.6992

#1	-130.49
#2	-125.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.7	54065.	3756.4	113.70	3013.5
Stddev	7.1	14.	32.2	.33	10.8
%RSD	.28455	.02626	.85703	.28672	.35806

#1	2479.7	54055.	3733.7	113.93	3005.9
#2	2489.7	54075.	3779.2	113.47	3021.2

Sample Name: S4 Acquired: 10/30/2018 15:15:59 Type: Cal
Method: P4-ICP2(v2534) 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	.33314	.75807	1.2846	.41068	.89776	.06469	53.406	.15553
Stddev	.00107	.00030	.0003	.00193	.00292	.00010	.781	.00072
%RSD	.32093	.04020	.02540	.47108	.32504	.15422	1.4619	.46500

#1	.33390	.75828	1.2848	.41205	.89983	.06476	53.958	.15604
#2	.33238	.75785	1.2843	.40931	.89570	.06462	52.854	.15502

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3110	1.0514	.12986	2.6989	.96844	6.4491	2.3983	.33577
Stddev	.0052	.0019	.00031	.0026	.00132	.0885	.0026	.00120
%RSD	.07111	.18090	.23821	.09605	.13582	1.3725	.10933	.35827

#1	7.3073	1.0528	.13008	2.6971	.96937	6.3865	2.4001	.33662
#2	7.3147	1.0501	.12964	2.7007	.96751	6.5117	2.3964	.33492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4812	.18868	8.0361	.33217	161.13	2.2212	3.8424	.30392
Stddev	.0022	.00065	.1035	.00024	1.44	.0293	.0041	.00098
%RSD	.15119	.34289	1.2883	.07163	.89346	1.3187	.10741	.32173

#1	1.4796	.18914	8.1093	.33234	160.11	2.2419	3.8453	.30461
#2	1.4828	.18822	7.9629	.33200	162.15	2.2005	3.8395	.30323

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	.19925	1.7646	.80457	1.8593	10.953	.4792	54.316	4491.9
Stddev	.00032	.0097	.00176	.0211	.143	.0008	.663	40.2
%RSD	.15811	.54965	.21847	1.1347	1.3090	.1719	1.2210	.89430

#1	.19903	1.7714	.80332	1.8742	11.055	.4798	54.785	4463.5
#2	.19948	1.7577	.80581	1.8444	10.852	.4786	53.847	4520.3

Sample Name: S4 Acquired: 10/30/2018 15:15:59 Type: Cal
Method: P4-ICP2(v2534) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-142.80
Stddev	1.70
%RSD	1.1905

#1	-144.01
#2	-141.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.8	52895.	3754.8	112.83	2860.1
Stddev	6.7	267.	36.8	.86	1.1
%RSD	.27559	.50500	.97958	.76266	.03888

#1	2413.1	52706.	3728.8	113.44	2859.3
#2	2422.5	53084.	3780.8	112.22	2860.8

Sample Name: S5 Acquired: 10/30/2018 15:19:45 Type: Cal
Method: P4-ICP2(v2534) 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	.66192	1.4939	2.5629	.80871	1.7827	.12990	102.82	.30627
Stddev	.00103	.0033	.0038	.00141	.0035	.00005	.35	.00072
%RSD	.15606	.21943	.14668	.17423	.19860	.03915	.34227	.23598
#1	.66119	1.4962	2.5656	.80772	1.7852	.12994	103.07	.30678
#2	.66265	1.4916	2.5603	.80971	1.7802	.12987	102.57	.30576
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.622	2.0679	.25536	5.4113	1.8731	12.900	4.6566	.65958
Stddev	.036	.0109	.00054	.0108	.0017	.013	.0085	.00035
%RSD	.24548	.52535	.21224	.19886	.09313	.09715	.18201	.05249
#1	14.648	2.0756	.25574	5.4189	1.8719	12.891	4.6626	.65983
#2	14.597	2.0602	.25498	5.4037	1.8743	12.909	4.6506	.65934
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	2.9545	.37790	15.752	.65087	319.88	4.4116	7.5025	.59669
Stddev	.0049	.00263	.052	.00182	.45	.0196	.0006	.00354
%RSD	.16706	.69645	.32728	.27963	.13928	.44337	.00840	.59251
#1	2.9580	.37976	15.789	.65216	319.56	4.4254	7.5029	.59919
#2	2.9510	.37604	15.716	.64958	320.19	4.3978	7.5020	.59419
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	.41048	3.4093	1.6070	3.5746	21.508	.9771	105.46	4283.7
Stddev	.00037	.0116	.0007	.0182	.089	.0033	.13	27.8
%RSD	.09043	.33945	.04465	.50997	.41460	.3371	.12722	.64965
#1	.41022	3.4175	1.6065	3.5875	21.571	.9794	105.37	4264.0
#2	.41074	3.4011	1.6075	3.5617	21.444	.9747	105.56	4303.4

Sample Name: S5 Acquired: 10/30/2018 15:19:45 Type: Cal
Method: P4-ICP2(v2534) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-172.65
Stddev	5.09
%RSD	2.9468

#1	-176.25
#2	-169.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.0	52246.	3788.6	109.75	2743.5
Stddev	2.8	243.	15.4	.15	6.6
%RSD	.11853	.46489	.40515	.13828	.23895

#1	2391.0	52075.	3777.8	109.86	2738.8
#2	2395.0	52418.	3799.5	109.65	2748.1

Sample Name: ICV01 Acquired: 10/30/2018 15:27:48 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0341	1.0389	1.0126	1.0218	1.0070	2.5262	.50453	.48637
Stddev	.0175	.0119	.0137	.0127	.0127	.0198	.00084	.00070
%RSD	1.6893	1.1483	1.3555	1.2423	1.2646	.78487	.16572	.14357
#1	1.0217	1.0305	1.0029	1.0128	.99795	2.5402	.50394	.48687
#2	1.0464	1.0473	1.0223	1.0308	1.0160	2.5122	.50512	.48588
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49310	10.195	.51002	.49937	.50989	4.9374	.51928	5.8304
Stddev	.00790	.011	.00060	.00605	.00871	.0564	.00123	.0934
%RSD	1.6016	.10645	.11720	1.2113	1.7086	1.1424	.23766	1.6020
#1	.48751	10.188	.50959	.49509	.50373	4.8975	.52015	5.7643
#2	.49868	10.203	.51044	.50364	.51605	4.9773	.51840	5.8964
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49954	.51331	9.6280	.50709	1.0272	9.8077	F 2.6407	2.5298
Stddev	.00775	.00005	.0486	.00119	.0038	.0112	.0444	.0169
%RSD	1.5507	.00944	.50494	.23436	.36994	.11435	1.6799	.66738
#1	.49407	.51327	9.5936	.50793	1.0245	9.7998	2.6093	2.5178
#2	.50502	.51334	9.6623	.50625	1.0299	9.8157	2.6720	2.5417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .78113	2.4308	2.5289	2.5086	F .80608	F .8118	F .83849	F 3.4360
Stddev	.01264	.0245	.0334	.0064	.00219	.0105	.00216	.0895
%RSD	1.6179	1.0094	1.3207	.25462	.27174	1.290	.25755	2.6037
#1	.77219	2.4134	2.5053	2.5041	.80453	.8044	.83697	3.3727
#2	.79007	2.4481	2.5525	2.5131	.80762	.8192	.84002	3.4992

Sample Name: ICV01 Acquired: 10/30/2018 15:27:48 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1376
Stddev	.7226
%RSD	33.806

#1	2.6486
#2	1.6266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.6	53705.	3847.8	113.34	3001.4
Stddev	32.7	128.	17.6	.14	34.8
%RSD	1.3471	.23799	.45629	.12085	1.1587

#1	2453.8	53614.	3860.2	113.44	3025.9
#2	2407.5	53795.	3835.4	113.24	2976.8

Sample Name: LLICV01 Acquired: 10/30/2018 15:31:38 Type: Unk
Method: P4-ICP2(v2534) 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	.02069	.04628	.01341	.02275	.05840	.10222	.10957	.00653
Stddev	.00092	.00021	.00022	.00171	.00104	.01311	.00007	.00009
%RSD	4.4659	.45959	1.6771	7.5208	1.7826	12.825	.06700	1.3945
#1	.02004	.04643	.01357	.02396	.05914	.11149	.10952	.00659
#2	.02135	.04613	.01325	.02154	.05766	.09295	.10962	.00646
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	2.1946	.01098	.03467	.02242	.10814	.02368	2.1862
Stddev	.00001	.0404	.00014	.00003	.00007	.01124	.00017	.0506
%RSD	.19138	1.8402	1.2530	.09420	.31925	10.396	.71394	2.3165
#1	.00638	2.1660	.01108	.03469	.02247	.10019	.02380	2.2220
#2	.00636	2.2231	.01088	.03465	.02237	.11609	.02356	2.1503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04482	.01078	2.0586	.04706	.04218	2.1222	.22181	.11977
Stddev	.00020	.00011	.0033	.00088	.00087	.0684	.00019	.00819
%RSD	.44754	.98301	.16089	1.8677	2.0682	3.2238	.08755	6.8348
#1	.04496	.01085	2.0610	.04768	.04156	2.1706	.22195	.11398
#2	.04467	.01070	2.0563	.04644	.04279	2.0738	.22167	.12556
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02295	F .49066	.04368	.04201	.01916	.0184	.02230	F 3.2753
Stddev	.00094	.00039	.00075	.00080	.00078	.0002	.00004	.2302
%RSD	4.1019	.07867	1.7190	1.8988	4.0733	1.257	.19006	7.0288
#1	.02228	.49093	.04421	.04145	.01861	.0183	.02233	3.4381
#2	.02361	.49039	.04314	.04257	.01971	.0186	.02227	3.1125

Sample Name: LLICV01 Acquired: 10/30/2018 15:31:38 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .37735
Stddev	.83355
%RSD	220.89

#1	.96676
#2	-.21206

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.3	54522.	3869.3	112.91	3135.9
Stddev	3.7	343.	11.1	2.22	5.1
%RSD	.15115	.62856	.28600	1.9623	.16273

#1	2475.6	54280.	3877.1	114.48	3132.3
#2	2480.9	54764.	3861.5	111.34	3139.5

Sample Name: ICB01 Acquired: 10/30/2018 15:35:41 Type: Unk
Method: P4-ICP2(v2534) 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	.00259	-.00030	-.00028	-.00100	-.00005	-.01536	.00039	.00005
Stddev	.00086	.00001	.00019	.00289	.00035	.00584	.00029	.00004
%RSD	33.244	3.2858	68.458	289.82	759.89	38.035	73.762	71.508
#1	.00320	-.00031	-.00042	-.00304	-.00029	-.01949	.00059	.00008
#2	.00198	-.00029	-.00015	.00105	.00020	-.01123	.00019	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01469	-.00050	.00002	.00024	-.00090	-.00001	.01831
Stddev	.00004	.01296	.00010	.00035	.00003	.00191	.00000	.01097
%RSD	162.02	88.254	19.865	2086.2	11.825	211.89	24.779	59.903
#1	.00005	.02386	-.00043	-.00023	.00026	.00045	-.00001	.02606
#2	-.00000	.00552	-.00057	.00026	.00022	-.00226	-.00001	.01055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00017	-.04948	.00044	-.00010	.00795	-.00014	.01961
Stddev	.00019	.00001	.00268	.00011	.00006	.00363	.00013	.00672
%RSD	320.68	5.8968	5.4073	24.282	59.821	45.624	90.559	34.255
#1	.00019	.00016	-.05137	.00037	-.00006	.01052	-.00023	.01486
#2	-.00007	.00018	-.04759	.00052	-.00014	.00539	-.00005	.02436
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00125	-.00041	-.00041	-.00228	-.0010	.00003	F 3.3020
Stddev	.00230	.00495	.00043	.00191	.00134	.0004	.00006	.1089
%RSD	390.40	394.87	105.69	460.05	58.927	37.92	197.98	3.2983
#1	-.00104	.00225	-.00071	.00093	-.00133	-.0012	-.00001	3.3790
#2	.00222	-.00476	-.00010	-.00176	-.00323	-.0007	.00007	3.2250

Sample Name: ICB01 Acquired: 10/30/2018 15:35:41 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .06100
Stddev .95619
%RSD 1567.7

#1 -.61514
#2 .73713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.1	55250.	3824.4	113.15	3191.3
Stddev	3.3	240.	203.7	4.68	2.0
%RSD	.13156	.43404	5.3268	4.1349	.06331

#1	2511.7	55081.	3680.4	109.84	3189.8
#2	2516.4	55420.	3968.5	116.46	3192.7

Sample Name: CRI01 Acquired: 10/30/2018 15:39:46 Type: Unk
Method: P4-ICP2(v2534) 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	.02188	.04581	.01369	.01904	.05775	.10804	.10942	.00639
Stddev	.00279	.00151	.00079	.00273	.00017	.00005	.00327	.00012
%RSD	12.735	3.3017	5.8051	14.337	.28738	.04543	2.9893	1.8888
#1	.01991	.04474	.01426	.01711	.05763	.10808	.11173	.00647
#2	.02385	.04688	.01313	.02097	.05787	.10801	.10710	.00630
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	2.2227	.01096	.03432	.02254	.11209	.02373	2.1783
Stddev	.00006	.0277	.00029	.00006	.00039	.00389	.00006	.0831
%RSD	1.0221	1.2445	2.6107	.17756	1.7263	3.4710	.26148	3.8132
#1	.00625	2.2423	.01116	.03436	.02281	.10934	.02369	2.2370
#2	.00616	2.2032	.01075	.03427	.02226	.11484	.02377	2.1196
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04464	.01139	2.0318	.04650	.04002	2.1067	.22024	.12266
Stddev	.00019	.00040	.0654	.00031	.00003	.0322	.00039	.00242
%RSD	.41931	3.4772	3.2171	.66916	.08224	1.5302	.17934	1.9720
#1	.04478	.01167	2.0780	.04672	.03999	2.1295	.22052	.12095
#2	.04451	.01111	1.9856	.04628	.04004	2.0839	.21996	.12437
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02013	.47230	.04364	.04370	.01894	.0198	.02238	F 3.7089
Stddev	.00037	.01520	.00010	.00004	.00188	.0019	.00042	.0976
%RSD	1.8257	3.2176	.22897	.10082	9.9376	9.610	1.8918	2.6309
#1	.01987	.48305	.04356	.04366	.02027	.0184	.02268	3.6399
#2	.02039	.46156	.04371	.04373	.01761	.0211	.02208	3.7779

Sample Name: CRI01 Acquired: 10/30/2018 15:39:46 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .50348
Stddev	.76228
%RSD	151.40

#1	1.0425
#2	-.03553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.1	54374.	3857.0	113.98	3137.3
Stddev	7.3	136.	83.5	.25	12.5
%RSD	.29525	.25021	2.1645	.21713	.39973

#1	2475.0	54278.	3797.9	113.81	3128.4
#2	2485.3	54470.	3916.0	114.16	3146.2

Sample Name: ICSA01 Acquired: 10/30/2018 15:43:50 Type: Unk
Method: P4-ICP2(v2534) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.01216	-.00099	.00565	.00109	290.09	.00578
Stddev	.00043	.00271	.00031	.00457	.00040	.23	.00007
%RSD	20.291	22.314	31.207	80.944	36.498	.07826	1.1664

#1	-.00181	-.01024	-.00120	.00242	.00081	289.93	.00573
#2	-.00242	-.01408	-.00077	.00889	.00138	290.25	.00582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	.00254	259.35	.05785	-.00059	.00145	103.14
Stddev	.00000	.00030	.30	.00111	.00031	.00003	1.08
%RSD	.31579	11.760	.11649	1.9153	52.790	1.9173	1.0489

#1	-.00101	.00233	259.56	.05863	-.00037	.00143	103.90
#2	-.00102	.00275	259.14	.05707	-.00081	.00147	102.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01090	263.43	-.00617	-.00334	-.00084	.00195	.00070
Stddev	.00009	.44	.00038	.00002	.00216	.00092	.00002
%RSD	.81018	.16817	6.1612	.46815	256.46	47.275	2.2250

#1	.01084	263.74	-.00590	-.00333	.00068	.00260	.00069
#2	.01096	263.11	-.00644	-.00335	-.00237	.00130	.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00097	.08142	.00738	-.01324	.00366	-.00107
Stddev	.01570	.00023	.00123	.00477	.00014	.00122	.00184
%RSD	2235.0	24.040	1.5071	64.597	1.0423	33.229	171.17

#1	-.01040	-.00081	.08229	.00401	-.01334	.00280	.00023
#2	.01180	-.00114	.08055	.01076	-.01314	.00452	-.00237

Sample Name: ICSA01 Acquired: 10/30/2018 15:43:50 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.0002	-.00299	F 5.2300	F<.00000
Stddev	.00055	.0003	.00101	.1216	1.0250
%RSD	51.503	128.1	33.679	2.3256	28.513

#1	.00068	-.0004	-.00370	5.3160	-4.3198
#2	.00146	-.0000	-.00227	5.1440	-2.8702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.9	48883.	3801.2	103.94	2528.1
Stddev	10.4	60.	21.6	1.24	3.5
%RSD	.46196	.12263	.56946	1.1931	.13694

#1	2245.6	48840.	3785.9	103.06	2525.7
#2	2260.3	48925.	3816.5	104.82	2530.6

Sample Name: ICSAB01 Acquired: 10/30/2018 15:47:58 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10006	.09549	.05121	.05922	.63596	275.42	.51497
Stddev	.00062	.00073	.00078	.00320	.00234	.58	.00257
%RSD	.61691	.76375	1.5201	5.3963	.36829	.21044	.49940

#1	.09963	.09498	.05176	.06148	.63431	275.83	.51315
#2	.10050	.09601	.05066	.05696	.63762	275.01	.51679

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54627	1.0389	247.33	.57446	.52294	.51419	98.925
Stddev	.00164	.0007	.82	.00003	.00245	.00169	1.518
%RSD	.30018	.06909	.33243	.00519	.46875	.32922	1.5340

#1	.54511	1.0394	246.75	.57444	.52121	.51299	97.852
#2	.54743	1.0384	247.92	.57448	.52467	.51539	99.998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52997	253.21	1.0159	.22045	-.01484	.50813	1.0368
Stddev	.00162	2.92	.0001	.00022	.00266	.00318	.0127
%RSD	.30641	1.1540	.00774	.09929	17.899	.62554	1.2221

#1	.52882	251.14	1.0159	.22060	-.01671	.50588	1.0278
#2	.53112	255.27	1.0158	.22029	-.01296	.51038	1.0457

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06273	F .25460	F .30172	F .26195	.22057	F .26298	F .23537
Stddev	.00163	.00085	.00788	.00977	.00311	.00092	.00356
%RSD	2.6056	.33335	2.6112	3.7283	1.4082	.34879	1.5141

#1	.06388	.25400	.29615	.25505	.21837	.26233	.23285
#2	.06157	.25520	.30729	.26886	.22276	.26363	.23789

Sample Name: ICSAB01 Acquired: 10/30/2018 15:47:58 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .32448	F .2785	F .24504	F 5.0654	F<.00000
Stddev	.00280	.0003	.00015	.0818	1.3415
%RSD	.86337	.1082	.06237	1.6140	35.624

#1	.32250	.2787	.24515	5.1232	-4.7142
#2	.32646	.2783	.24493	5.0076	-2.8171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.0	49795.	3851.1	105.18	2567.5
Stddev	6.3	279.	7.0	.83	10.4
%RSD	.27511	.56129	.18100	.78730	.40540

#1	2271.5	49597.	3856.1	105.77	2560.2
#2	2280.4	49992.	3846.2	104.60	2574.9

Sample Name: CCV01 Acquired: 10/30/2018 15:51:57 Type: Unk
Method: P4-ICP2(v2534) 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	5.1873	5.0635	5.1677	5.1866	5.1901	10.426	9.9586	.25643
Stddev	.0259	.0050	.0105	.0127	.0033	.043	.0287	.00012
%RSD	.49910	.09832	.20403	.24396	.06374	.40801	.28806	.04800
#1	5.2056	5.0670	5.1603	5.1956	5.1925	10.396	9.9789	.25634
#2	5.1690	5.0599	5.1752	5.1777	5.1878	10.456	9.9383	.25651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5331	25.563	1.0474	2.5450	1.2957	4.9582	2.5767	24.455
Stddev	.0038	.054	.0027	.0065	.0030	.0434	.0023	.057
%RSD	.15124	.21228	.25470	.25658	.23437	.87475	.08883	.23306
#1	2.5304	25.525	1.0493	2.5403	1.2978	4.9888	2.5784	24.495
#2	2.5359	25.601	1.0456	2.5496	1.2936	4.9275	2.5751	24.415
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5090	1.3117	23.973	2.5410	2.5852	24.820	5.2308	4.8750
Stddev	.0001	.0020	.034	.0005	.0202	.032	.0134	.0185
%RSD	.00504	.15193	.14019	.02029	.77983	.13039	.25539	.38018
#1	2.5089	1.3103	23.997	2.5414	2.5994	24.843	5.2402	4.8619
#2	2.5091	1.3131	23.949	2.5407	2.5709	24.797	5.2213	4.8882
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0839	5.0007	5.1218	4.8842	4.9747	5.051	5.1566	4.7693
Stddev	.0322	.0126	.0133	.0003	.0018	.011	.0021	.0612
%RSD	.63306	.25143	.26052	.00516	.03578	.2175	.04108	1.2835
#1	5.0612	4.9918	5.1124	4.8840	4.9760	5.059	5.1581	4.7260
#2	5.1067	5.0096	5.1313	4.8844	4.9735	5.044	5.1551	4.8126

Sample Name: CCV01 Acquired: 10/30/2018 15:51:57 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3619
Stddev .2266
%RSD 6.7413

#1 3.5221
#2 3.2016

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.7	52541.	3880.7	111.37	2833.9
Stddev	7.7	6.	8.2	1.05	.5
%RSD	.32501	.01114	.21099	.93886	.01841

#1	2362.2	52536.	3874.9	110.63	2834.3
#2	2373.1	52545.	3886.4	112.11	2833.5

Sample Name: LLCCV01 Acquired: 10/30/2018 15:55:43 Type: Unk
Method: P4-ICP2(v2534) 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	.02150	.04478	.01272	.02141	.05795	.09892	.10459	.00634
Stddev	.00030	.00122	.00131	.00114	.00034	.01240	.00053	.00007
%RSD	1.4023	2.7347	10.316	5.3446	.59164	12.536	.50921	1.0340
#1	.02171	.04392	.01179	.02222	.05770	.09015	.10496	.00629
#2	.02129	.04565	.01365	.02060	.05819	.10769	.10421	.00639
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	2.1216	.01073	.03404	.02197	.10879	.02316	2.0871
Stddev	.00004	.0072	.00046	.00005	.00054	.00396	.00006	.0145
%RSD	.63646	.33691	4.2971	.13755	2.4357	3.6370	.25862	.69347
#1	.00619	2.1266	.01041	.03401	.02235	.11158	.02320	2.0973
#2	.00613	2.1165	.01106	.03408	.02159	.10599	.02312	2.0768
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04398	.01141	1.9313	.04553	.03875	2.0160	.22015	.10538
Stddev	.00021	.00042	.0120	.00005	.00074	.0291	.00042	.00661
%RSD	.48599	3.7049	.61885	.09898	1.9151	1.4461	.18857	6.2743
#1	.04382	.01112	1.9397	.04550	.03823	2.0366	.21985	.11006
#2	.04413	.01171	1.9228	.04556	.03928	1.9954	.22044	.10071
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01913	.44443	.04401	.04149	.01717	.0197	.02154	F 3.7691
Stddev	.00508	.00434	.00034	.00128	.00074	.0002	.00022	.0479
%RSD	26.583	.97619	.77854	3.0766	4.2991	.7704	1.0244	1.2708
#1	.01553	.44136	.04377	.04239	.01770	.0198	.02169	3.7352
#2	.02272	.44750	.04426	.04058	.01665	.0196	.02138	3.8030

Sample Name: LLCCV01 Acquired: 10/30/2018 15:55:43 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .64823
Stddev .15641
%RSD 24.129

#1 .53763
#2 .75883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.3	55206.	3987.2	115.41	3164.2
Stddev	2.4	144.	34.2	2.26	1.6
%RSD	.09669	.26103	.85722	1.9555	.04965

#1	2482.0	55308.	4011.4	117.01	3165.3
#2	2478.6	55104.	3963.0	113.82	3163.1

Sample Name: CCB01 Acquired: 10/30/2018 15:59:48 Type: Unk
Method: P4-ICP2(v2534) 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	.00046	-.00155	.00003	.00013	-.00192	-.01003	.00021	.00004
Stddev	.00191	.00010	.00027	.00046	.00001	.00705	.00025	.00008
%RSD	417.05	6.6652	844.60	342.45	.43744	70.329	121.66	207.37
#1	-.00089	-.00147	.00022	-.00019	-.00192	-.01501	.00003	-.00002
#2	.00181	-.00162	-.00016	.00046	-.00191	-.00504	.00039	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00078	-.00032	.00021	.00015	.00718	.00002	.03114
Stddev	.00013	.02013	.00001	.00015	.00041	.01521	.00001	.02916
%RSD	145.98	2578.5	2.9024	73.557	275.25	211.74	35.193	93.620
#1	.00019	-.01345	-.00031	.00032	.00044	.01793	.00003	.05176
#2	-.00000	.01501	-.00033	.00010	-.00014	-.00357	.00002	.01053
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00026	-.06047	.00007	-.00010	-.01113	-.00036	.01474
Stddev	.00030	.00012	.00231	.00024	.00003	.00095	.00007	.00748
%RSD	33592.	45.756	3.8281	364.86	25.671	8.5105	19.147	50.703
#1	.00021	.00034	-.06211	-.00011	-.00012	-.01180	-.00040	.02003
#2	-.00021	.00017	-.05883	.00024	-.00009	-.01046	-.00031	.00946
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00227	.00054	-.00259	-.00272	-.0003	.00004	F 4.2488
Stddev	.00524	.00168	.00022	.00042	.00172	.0018	.00006	.0299
%RSD	1104.5	74.203	41.149	16.073	63.319	532.5	176.96	.70302
#1	.00418	-.00346	.00038	-.00229	-.00394	-.0016	-.00001	4.2277
#2	-.00323	-.00108	.00070	-.00288	-.00150	.0009	.00008	4.2699

Sample Name: CCB01 Acquired: 10/30/2018 15:59:48 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .53238
Stddev	.26224
%RSD	49.259

#1	.71781
#2	.34694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.0	53673.	3768.2	111.11	3071.7
Stddev	6.4	237.	63.0	1.08	10.4
%RSD	.26706	.44081	1.6728	.97583	.33789

#1	2400.4	53505.	3812.8	111.88	3064.4
#2	2409.5	53840.	3723.6	110.34	3079.1

Sample Name: LR CHECK1 Acquired: 10/30/2018 16:03:59 Type: Unk
Method: P4-ICP2(v2534) 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	-.03663	-.10589	-.09556	.09112	.04585	1968.4	.00643
Stddev	.00123	.00038	.00715	.00741	.00520	8.8	.00017
%RSD	3.3658	.36327	7.4789	8.1379	11.349	.44558	2.6714

#1	-.03751	-.10617	-.09050	.09636	.04953	1974.6	.00631
#2	-.03576	-.10562	-.10061	.08587	.04217	1962.2	.00655

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.07524	F 1804.3	.13113	.04637	-.00630	F 980.45
Stddev	.00033	.00539	19.6	.00202	.00025	.00529	43.11
%RSD	83.355	7.1660	1.0878	1.5408	.53838	84.026	4.3970

#1	-.00062	.07906	1790.4	.13256	.04655	-.00256	949.97
#2	-.00016	.07143	1818.2	.12971	.04620	-.01004	1010.9

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01962	F 1821.5	.13019	-.03621	1709.8	.01417	.10491
Stddev	.00005	6.1	.00161	.00586	12.0	.00033	.00429
%RSD	.23455	.33549	1.2339	16.171	.70392	2.3325	4.0864

#1	-.01965	1817.1	.12906	-.04035	1718.4	.01440	.10188
#2	-.01959	1825.8	.13133	-.03207	1701.3	.01393	.10794

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1038.8	.01305	.65123	.43359	-.01463	.04150	-.04151
Stddev	3.0	.00201	.06751	.02118	.00529	.00279	.00103
%RSD	.28608	15.425	10.367	4.8852	36.160	6.7304	2.4886

#1	1040.9	.01448	.60349	.41861	-.01837	.03953	-.04224
#2	1036.7	.01163	.69896	.44857	-.01089	.04348	-.04078

Sample Name: LR CHECK1 Acquired: 10/30/2018 16:03:59 Type: Unk
Method: P4-ICP2(v2534) 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	.02951	.0566	F -1.0598	4.3237	^ *****
Stddev	.00079	.0021	.0475	.1142	-----
%RSD	2.6675	3.619	4.4816	2.6410	-----

#1	.02896	.0552	-1.0263	4.4045	^ -----
#2	.03007	.0581	-1.0934	4.2430	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.4	39737.	3510.3	80.998	1650.1
Stddev	3.5	160.	8.2	3.526	4.8
%RSD	.18948	.40289	.23339	4.3535	.29164

#1	1830.0	39624.	3516.1	83.492	1646.7
#2	1834.9	39850.	3504.5	78.505	1653.5

Sample Name: LR CHECK2 Acquired: 10/30/2018 16:08:24 Type: Unk
Method: P4-ICP2(v2534) 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	.00041	-.02650	F 270.34	.01333	-.01138	-.23596	96.705	-.00048
Stddev	.00367	.00335	.63	.00214	.00090	.00926	.964	.00009
%RSD	897.16	12.642	.23445	16.032	7.9263	3.9250	.99662	18.118
#1	.00300	-.02887	269.89	.01485	-.01074	-.22941	97.386	-.00042
#2	-.00219	-.02413	270.79	.01182	-.01202	-.24251	96.023	-.00054
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00870	.27427	-.12777	-.01264	245.64	-.76625	43.132	-.06433
Stddev	.00006	.02160	.00003	.00035	.05	.01753	.237	.02872
%RSD	.66296	7.8770	.02076	2.8059	.01917	2.2880	.55053	44.639
#1	-.00865	.28954	-.12779	-.01289	245.68	-.75386	42.964	-.04403
#2	-.00874	.25899	-.12775	-.01239	245.61	-.77865	43.300	-.08464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.777	.00901	.67386	-.00733	34.925	.59973	.00005	.00996
Stddev	.183	.00013	.00190	.00080	.682	.00137	.00055	.00568
%RSD	.36758	1.3939	.28209	10.956	1.9514	.22822	1148.5	57.030
#1	49.647	.00910	.67251	-.00676	35.407	.59877	-.00034	.01397
#2	49.906	.00892	.67520	-.00790	34.444	.60070	.00044	.00594
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06254	.00485	.00118	.00018	.00349	-.2843	.00515	4.6670
Stddev	.00448	.00039	.00035	.00091	.00132	.0026	.00004	.0364
%RSD	7.1562	7.9380	29.469	505.07	37.776	.9308	.74668	.77964
#1	.05937	.00513	.00142	-.00046	.00256	-.2824	.00512	4.6413
#2	.06570	.00458	.00093	.00082	.00442	-.2862	.00518	4.6927

Sample Name: LR CHECK2 Acquired: 10/30/2018 16:08:24 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.72413
Stddev	.22953
%RSD	31.697

#1	.88643
#2	.56183

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.8	53932.	3993.5	109.65	2876.7
Stddev	2.8	89.	26.5	2.31	3.4
%RSD	.12150	.16501	.66278	2.1066	.11901

#1	2312.8	53995.	3974.8	108.02	2879.1
#2	2308.8	53869.	4012.3	111.28	2874.3

Sample Name: J5204-09 Acquired: 10/30/2018 16:12:44 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03428	-.02074	.27349	.05980	-.00059	125.47	.73021
Stddev	.00221	.00149	.00038	.00044	.00251	.01	.00676
%RSD	6.4495	7.2030	.13721	.73250	426.09	.00464	.92582

#1	.03584	-.01969	.27376	.06011	-.00236	125.46	.73499
#2	.03272	-.02180	.27323	.05949	.00119	125.47	.72543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	.00848	147.41	.31392	.15820	.40592	335.30
Stddev	.00013	.00021	1.12	.00195	.00002	.00125	1.95
%RSD	2.8755	2.5314	.75643	.62138	.01505	.30790	.58086

#1	.00439	.00833	148.20	.31254	.15818	.40680	336.68
#2	.00457	.00863	146.62	.31530	.15822	.40503	333.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3322	88.530	.27638	.00705	9.6922	.57249	.83884
Stddev	.0094	.599	.00151	.00070	.0982	.00386	.00484
%RSD	.17659	.67650	.54488	9.8937	1.0130	.67380	.57743

#1	5.3389	88.953	.27744	.00754	9.7616	.56977	.84227
#2	5.3256	88.106	.27531	.00655	9.6227	.57522	.83542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3652	.00291	.38171	4.4094	9.5214	.01832	5.2945
Stddev	.0664	.00011	.00518	.0066	.0253	.00087	.0209
%RSD	1.0439	3.9249	1.3582	.14852	.26613	4.7469	.39468

#1	6.4121	.00283	.37804	4.4048	9.5393	.01894	5.3093
#2	6.3182	.00299	.38537	4.4140	9.5035	.01771	5.2797

Sample Name: J5204-09 Acquired: 10/30/2018 16:12:44 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SI-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12493	7.879	-.04016	<.00000	F<.00000
Stddev	.00154	.005	.00042	.19777	4.1939
%RSD	1.2355	.0646	1.0481	1850.1	3.3635

#1	.12602	7.882	-.03986	.12915	-121.72
#2	.12384	7.875	-.04046	-.15053	-127.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.0	64719.	4986.4	104.36	2582.8
Stddev	10.5	38.	37.8	.58	1.1
%RSD	.36592	.05879	.75764	.55483	.04087

#1	2872.5	64746.	4959.7	103.95	2582.1
#2	2887.4	64692.	5013.2	104.77	2583.6

Sample Name: J5204-09DUP Acquired: 10/30/2018 16:16:45 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03387	-.02036	.26632	.06222	-.00032	125.32	.72237
Stddev	.00032	.00130	.00171	.00417	.00097	.61	.00375
%RSD	.95289	6.3639	.64263	6.7060	300.98	.48748	.51909

#1	.03364	-.02127	.26753	.06517	.00036	125.75	.72502
#2	.03409	-.01944	.26511	.05927	-.00100	124.89	.71972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	.00739	146.23	.31605	.15634	.40322	339.10
Stddev	.00009	.00007	.58	.00019	.00034	.00121	4.26
%RSD	2.2485	.89000	.39679	.05921	.21953	.29998	1.2572

#1	.00424	.00735	146.64	.31591	.15659	.40408	342.11
#2	.00411	.00744	145.82	.31618	.15610	.40237	336.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3013	87.754	.27269	.00649	9.5605	.57297	.84542
Stddev	.0202	.260	.00057	.00000	.0311	.00291	.00669
%RSD	.38087	.29577	.20958	.03865	.32528	.50725	.79085

#1	5.3155	87.938	.27310	.00649	9.5825	.57502	.85015
#2	5.2870	87.571	.27229	.00649	9.5385	.57091	.84069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2013	.00321	.38984	4.3923	9.4524	.01799	5.2470
Stddev	.0335	.00018	.01054	.0060	.0128	.00266	.0105
%RSD	.53995	5.6909	2.7038	.13601	.13510	14.790	.20025

#1	6.2250	.00334	.39729	4.3965	9.4614	.01611	5.2545
#2	6.1776	.00308	.38239	4.3881	9.4434	.01987	5.2396

Sample Name: J5204-09DUP Acquired: 10/30/2018 16:16:45 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12284	7.803	-.04797	<.00000	F<.00000
Stddev	.00234	.004	.00317	.15667	.10943
%RSD	1.9030	.0470	6.6027	620.72	.08859

#1	.12449	7.806	-.05021	.08554	-123.61
#2	.12118	7.801	-.04573	-.13602	-123.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2889.6	64796.	5028.1	103.09	2601.1
Stddev	12.7	106.	3.7	1.05	15.4
%RSD	.43954	.16366	.07448	1.0194	.59257

#1	2880.6	64721.	5025.4	102.34	2590.2
#2	2898.6	64871.	5030.7	103.83	2612.0

Sample Name: J5204-09LX5 Acquired: 10/30/2018 16:20:45 Type: Unk
Method: P4-ICP2(v2534) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00774	-.00519	.05807	.00945	-.00256	29.826	.17456	.00071
Stddev	.00281	.00068	.00083	.00021	.00074	.004	.00001	.00016
%RSD	36.322	13.077	1.4323	2.1738	28.860	.01476	.00824	23.160

#1	.00972	-.00471	.05866	.00959	-.00308	29.823	.17457	.00059
#2	.00575	-.00567	.05748	.00930	-.00203	29.829	.17455	.00082

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	36.617	.08229	.03121	.10714	64.842	1.2564	22.048
Stddev	.00019	.094	.00032	.00032	.00002	.333	.0025	.210
%RSD	20.442	.25538	.38881	1.0132	.01920	.51284	.20053	.95075

#1	.00106	36.551	.08206	.03144	.10716	64.607	1.2546	22.196
#2	.00079	36.683	.08251	.03099	.10713	65.078	1.2582	21.899

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05393	-.00042	2.3734	.14218	.17125	1.6555	.00013	.06603
Stddev	.00072	.00050	.0018	.00062	.00026	.0232	.00009	.00855
%RSD	1.3334	118.73	.07533	.43576	.15257	1.4017	67.446	12.951

#1	.05444	-.00007	2.3746	.14262	.17107	1.6719	.00007	.05998
#2	.05342	-.00077	2.3721	.14174	.17144	1.6391	.00019	.07208

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86613	2.3894	.00320	1.3766	.03173	1.501	.00657	4.0757
Stddev	.00499	.0156	.00045	.0006	.00028	.009	.00065	.2129
%RSD	.57565	.65446	13.988	.04030	.88874	.5765	9.8223	5.2230

#1	.86966	2.3784	.00289	1.3770	.03192	1.507	.00702	4.2262
#2	.86261	2.4005	.00352	1.3762	.03153	1.494	.00611	3.9251

Sample Name: J5204-09LX5 Acquired: 10/30/2018 16:20:45 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.28474
%RSD	47.837

#1	-.79657
#2	-.39389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.4	55148.	4118.6	111.04	2873.6
Stddev	7.2	54.	.6	.22	2.7
%RSD	.28946	.09869	.01432	.19412	.09557

#1	2477.5	55110.	4119.0	111.19	2875.5
#2	2467.3	55187.	4118.2	110.89	2871.7

Sample Name: J5204-09MS Acquired: 10/30/2018 16:24:42 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7628 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77139	2.1762	1.4199	1.8285	.72674	128.07	.87622
Stddev	.00701	.0363	.0249	.0206	.00601	.08	.00285
%RSD	.90825	1.6672	1.7548	1.1278	.82766	.06403	.32506

#1	.77634	2.2018	1.4375	1.8431	.73099	128.02	.87824
#2	.76644	2.1505	1.4022	1.8140	.72249	128.13	.87421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18577	.23560	146.92	.67465	.39290	.67034	328.40
Stddev	.00068	.00418	.08	.00150	.00658	.01070	3.94
%RSD	.36826	1.7762	.05122	.22168	1.6747	1.5962	1.2007

#1	.18625	.23856	146.97	.67359	.39756	.67791	331.19
#2	.18528	.23264	146.87	.67571	.38825	.66278	325.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9872	89.954	.84262	.07485	11.830	.82663	1.0575
Stddev	.0036	.343	.01234	.00034	.024	.00522	.0163
%RSD	.07271	.38145	1.4651	.45293	.20194	.63107	1.5446

#1	4.9846	90.197	.85135	.07509	11.847	.82294	1.0691
#2	4.9897	89.711	.83389	.07461	11.813	.83032	1.0460

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.427	.36972	.61313	4.5569	F 11.620	.83113	5.6965
Stddev	.038	.00517	.00968	.0705	.087	.01427	.0355
%RSD	.24604	1.3985	1.5780	1.5478	.74901	1.7165	.62367

#1	15.454	.37338	.61997	4.6067	11.682	.84122	5.7217
#2	15.400	.36607	.60629	4.5070	11.559	.82104	5.6714

Sample Name: J5204-09MS Acquired: 10/30/2018 16:24:42 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7628 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30675	F 14.36	.13182	.71771	F<.00000
Stddev	.00102	.27	.00237	.07678	1.6094
%RSD	.33336	1.906	1.7952	10.698	1.3138

#1	.30602	14.56	.13015	.77201	-123.63
#2	.30747	14.17	.13350	.66342	-121.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2803.3	63731.	4892.8	102.13	2514.8
Stddev	30.1	9.	13.1	1.23	36.9
%RSD	1.0723	.01430	.26845	1.2050	1.4679

#1	2782.0	63725.	4883.5	101.26	2488.7
#2	2824.5	63738.	4902.1	103.00	2541.0

Sample Name: J5204-09MSD Acquired: 10/30/2018 16:28:32 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7628 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76167	2.1325	1.3951	1.8187	.71941	128.19	.88705
Stddev	.00063	.0127	.0079	.0013	.00249	.20	.00514
%RSD	.08311	.59741	.56430	.07039	.34545	.15804	.57951

#1	.76122	2.1415	1.4007	1.8178	.72116	128.33	.89068
#2	.76211	2.1235	1.3895	1.8196	.71765	128.05	.88341

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18674	.23091	147.83	.67400	.38532	.66178	328.50
Stddev	.00079	.00158	.57	.00105	.00093	.00163	5.59
%RSD	.42321	.68526	.38411	.15576	.24255	.24666	1.7015

#1	.18730	.23203	148.23	.67474	.38598	.66293	324.55
#2	.18618	.22979	147.43	.67325	.38466	.66062	332.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9988	91.308	.82603	.07499	11.959	.82588	1.0498
Stddev	.0143	.429	.00138	.00149	.032	.00068	.0140
%RSD	.28606	.46995	.16652	1.9895	.26932	.08233	1.3358

#1	5.0089	91.612	.82701	.07393	11.982	.82636	1.0399
#2	4.9887	91.005	.82506	.07604	11.936	.82540	1.0597

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.592	.36652	.60912	4.4645	F 11.681	.81840	5.7786
Stddev	.080	.00030	.00953	.0029	.109	.00431	.0324
%RSD	.51531	.08264	1.5647	.06457	.93163	.52670	.56108

#1	15.648	.36630	.60239	4.4624	11.758	.82145	5.8015
#2	15.535	.36673	.61586	4.4665	11.604	.81535	5.7557

Sample Name: J5204-09MSD Acquired: 10/30/2018 16:28:32 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7628 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30959	F 14.12	.13437	.75708	F<.00000
Stddev	.00079	.02	.00894	.04352	.97145
%RSD	.25375	.1702	6.6552	5.7480	.80074

#1	.31015	14.14	.14070	.78785	-120.63
#2	.30904	14.11	.12805	.72630	-122.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.4	63586.	4841.7	102.27	2541.6
Stddev	2.5	166.	26.9	1.43	2.1
%RSD	.08732	.26133	.55525	1.3963	.08363

#1	2816.1	63468.	4822.7	103.28	2540.1
#2	2812.7	63703.	4860.7	101.26	2543.1

Sample Name: J5204-09A Acquired: 10/30/2018 16:32:24 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74603	2.0756	1.3601	1.7697	.70434	127.98	.86717
Stddev	.00044	.0118	.0025	.0091	.00412	3.35	.00147
%RSD	.05918	.56865	.18277	.51407	.58471	2.6189	.16936

#1	.74634	2.0840	1.3619	1.7761	.70725	125.61	.86613
#2	.74571	2.0673	1.3583	1.7633	.70142	130.35	.86821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18752	.22504	144.30	.68089	.37496	.64800	314.40
Stddev	.00567	.00040	.40	.02171	.00028	.00158	6.00
%RSD	3.0212	.17665	.27890	3.1888	.07345	.24417	1.9093

#1	.18351	.22476	144.59	.66554	.37515	.64912	318.64
#2	.19153	.22532	144.02	.69625	.37476	.64689	310.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0329	89.251	.80280	.07322	11.661	.83185	1.0099
Stddev	.1507	.213	.00249	.00034	.017	.01972	.0220
%RSD	2.9937	.23822	.30960	.46692	.14272	2.3708	2.1757

#1	4.9264	89.401	.80456	.07298	11.649	.81790	1.0254
#2	5.1395	89.100	.80104	.07346	11.672	.84579	.99432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.154	.35939	.58500	4.3404	F 11.486	.79839	5.6350
Stddev	.069	.00028	.00598	.0135	.077	.00155	.0033
%RSD	.45499	.07788	1.0222	.31055	.66850	.19384	.05823

#1	15.105	.35959	.58923	4.3499	11.432	.79948	5.6327
#2	15.202	.35919	.58077	4.3308	11.541	.79729	5.6373

Sample Name: J5204-09A Acquired: 10/30/2018 16:32:24 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14093 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30192	F 13.69	.13907	.97887	F<.00000
Stddev	.00066	.07	.00712	.32667	1.2318
%RSD	.21835	.5080	5.1180	33.372	1.0136

#1	.30238	13.74	.13404	.74789	-120.66
#2	.30145	13.64	.14411	1.2099	-122.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.3	63167.	4920.9	106.02	2603.2
Stddev	13.4	1346.	22.2	2.39	16.0
%RSD	.46840	2.1313	.45138	2.2572	.61577

#1	2848.8	64119.	4905.2	104.32	2591.9
#2	2867.7	62215.	4936.6	107.71	2614.5

Sample Name: J5640-01 Acquired: 10/30/2018 16:48:32 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	-.00077	.00407	-.00120	-.00362	.00309	.01789	.00003
Stddev	.00208	.00084	.00013	.00127	.00212	.00043	.00044	.00015
%RSD	47.469	108.23	3.1578	105.02	58.468	13.925	2.4343	522.16
#1	.00584	-.00018	.00416	-.00031	-.00512	.00279	.01820	-.00008
#2	.00290	-.00136	.00398	-.00210	-.00212	.00340	.01759	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	75.069	-.00090	-.00060	.00174	-.01584	.00806	171.25
Stddev	.00008	.309	.00006	.00020	.00001	.01071	.00003	.37
%RSD	68.738	.41165	6.1492	32.972	.46943	67.602	.32330	.21621
#1	-.00017	75.287	-.00094	-.00046	.00174	-.02341	.00804	171.52
#2	-.00006	74.850	-.00086	-.00074	.00173	-.00827	.00808	170.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00311	.00073	1235.1	.00127	.00128	57.367	.00102	.57523
Stddev	.00027	.00051	1.8	.00026	.00014	.248	.00013	.00626
%RSD	8.7312	69.882	.14615	20.444	11.066	.43316	12.252	1.0882
#1	-.00330	.00037	1236.4	.00146	.00118	57.543	.00111	.57966
#2	-.00292	.00110	1233.9	.00109	.00138	57.191	.00093	.57081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 144.65	1.4692	-.05281	-.00412	.02363	.0784	1.1293	6.9371
Stddev	.79	.0226	.00021	.00105	.00160	.0024	.0020	.1461
%RSD	.54563	1.5381	.39834	25.537	6.7808	3.069	.17985	2.1063
#1	144.10	1.4532	-.05296	-.00487	.02250	.0767	1.1307	7.0404
#2	145.21	1.4852	-.05267	-.00338	.02476	.0801	1.1278	6.8338

Sample Name: J5640-01 Acquired: 10/30/2018 16:48:32 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14093 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.5012
Stddev	1.0719
%RSD	16.487

#1	5.7433
#2	7.2591

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.1	46254.	3787.9	107.78	2400.4
Stddev	16.4	14.	2.5	1.73	13.8
%RSD	.76587	.03099	.06678	1.6052	.57283

#1	2146.7	46244.	3789.7	106.56	2410.1
#2	2123.5	46264.	3786.1	109.01	2390.7

Sample Name: J5650-01 Acquired: 10/30/2018 16:52:39 Type: Unk
Method: P4-ICP2(v2534) 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	.00319	-.00172	.00415	.00051	-.00400	.02903	.01750	.00018
Stddev	.00174	.00004	.00001	.00050	.00122	.00471	.00064	.00008
%RSD	54.557	2.5076	.28742	97.745	30.555	16.240	3.6793	42.792

#1	.00442	-.00169	.00415	.00087	-.00314	.03237	.01796	.00024
#2	.00196	-.00175	.00414	.00016	-.00486	.02570	.01705	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	92.451	-.00114	-.00032	.00156	-.01672	.01156	229.05
Stddev	.00008	.138	.00000	.00004	.00024	.00506	.00017	.40
%RSD	27.869	.14928	.00660	12.886	15.195	30.270	1.4274	.17494

#1	-.00035	92.353	-.00114	-.00034	.00173	-.02030	.01145	229.33
#2	-.00023	92.548	-.00114	-.00029	.00139	-.01314	.01168	228.77

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	.00099	1591.3	.00146	.00190	77.846	.00201	.77285
Stddev	.00044	.00033	16.6	.00031	.00015	.198	.00036	.00401
%RSD	13.049	33.217	1.0433	21.313	8.0051	.25494	18.029	.51881

#1	-.00372	.00075	1579.6	.00124	.00179	77.706	.00176	.77569
#2	-.00309	.00122	1603.0	.00168	.00200	77.986	.00227	.77001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 200.90	1.4619	-.07417	-.00485	.03390	.0937	1.4908	7.5842
Stddev	.03	.0024	.00055	.00135	.00118	.0018	.0094	.0074
%RSD	.01565	.16242	.74665	27.743	3.4825	1.898	.63132	.09712

#1	200.92	1.4636	-.07378	-.00580	.03306	.0925	1.4841	7.5894
#2	200.87	1.4603	-.07456	-.00390	.03473	.0950	1.4974	7.5790

Sample Name: J5650-01 Acquired: 10/30/2018 16:52:39 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.6586
Stddev	.1980
%RSD	2.2872

#1	8.7986
#2	8.5185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.5	44031.	3675.9	104.63	2250.4
Stddev	1.5	62.	4.2	2.15	1.1
%RSD	.07528	.13971	.11345	2.0586	.05071

#1	2028.4	43987.	3673.0	106.15	2251.2
#2	2030.5	44074.	3678.9	103.11	2249.6

Sample Name: CCV02 Acquired: 10/30/2018 17:00:31 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3732	4.9972	5.2107	5.2134	5.2879	10.366	9.7719	.25205
Stddev	.0261	.0127	.0199	.0092	.0207	.030	.0569	.00083
%RSD	.48491	.25387	.38247	.17639	.39159	.29280	.58234	.33106
#1	5.3548	4.9882	5.1966	5.2069	5.2732	10.387	9.7317	.25146
#2	5.3916	5.0061	5.2248	5.2199	5.3025	10.345	9.8122	.25264
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5289	25.209	1.0357	2.5640	1.2983	4.8440	2.5404	24.064
Stddev	.0076	.010	.0031	.0105	.0079	.1534	.0041	.077
%RSD	.30222	.04163	.29485	.40794	.61055	3.1670	.16208	.31838
#1	2.5235	25.216	1.0336	2.5566	1.2927	4.9524	2.5375	24.009
#2	2.5343	25.201	1.0379	2.5714	1.3039	4.7355	2.5433	24.118
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4817	1.3041	23.328	2.5019	2.5769	24.764	5.3467	4.7175
Stddev	.0032	.0000	.105	.0056	.0717	.159	.0325	.0068
%RSD	.13100	.00168	.44929	.22467	2.7829	.64012	.60809	.14328
#1	2.4794	1.3041	23.253	2.5059	2.6276	24.651	5.3237	4.7127
#2	2.4840	1.3041	23.402	2.4979	2.5262	24.876	5.3697	4.7223
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1277	4.9448	5.1863	4.7916	4.8621	4.998	5.0901	F 5.7356
Stddev	.0118	.0078	.0231	.0022	.0334	.001	.0348	.0830
%RSD	.23058	.15741	.44461	.04615	.68782	.0109	.68272	1.4479
#1	5.1193	4.9393	5.1700	4.7900	4.8385	4.998	5.0655	5.6769
#2	5.1360	4.9503	5.2026	4.7931	4.8857	4.999	5.1146	5.7943

Sample Name: CCV02 Acquired: 10/30/2018 17:00:31 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5644
Stddev	.6702
%RSD	18.804

#1	4.0383
#2	3.0905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.9	51752.	3839.1	109.28	2751.4
Stddev	5.6	46.	8.5	3.34	.8
%RSD	.24830	.08898	.22238	3.0590	.02860

#1	2271.9	51719.	3833.1	106.91	2751.9
#2	2264.0	51784.	3845.1	111.64	2750.8

Sample Name: CCB02 Acquired: 10/30/2018 17:04:15 Type: Unk
Method: P4-ICP2(v2534) 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	-.00009	-.00070	.00104	-.00095	-.00046	-.00751	-.00065	.00005
Stddev	.00302	.00232	.00129	.00027	.00030	.00318	.00006	.00006
%RSD	3338.8	331.26	124.20	28.000	66.423	42.278	8.5309	121.78
#1	-.00222	.00094	.00195	-.00076	-.00067	-.00527	-.00069	.00009
#2	.00204	-.00234	.00013	-.00114	-.00024	-.00976	-.00061	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.02142	-.00013	.00020	-.00010	.00716	.00001	-.00425
Stddev	.00010	.00567	.00018	.00010	.00022	.02177	.00010	.00637
%RSD	3210.0	26.491	135.46	50.405	210.76	303.99	1239.8	150.03
#1	.00007	.02543	-.00001	.00013	.00005	.02255	.00008	.00026
#2	-.00008	.01741	-.00026	.00027	-.00026	-.00823	-.00007	-.00876
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00048	.48207	.00030	-.00010	.28404	.00015	.01587
Stddev	.00034	.00008	.00431	.00038	.00007	.04700	.00028	.00155
%RSD	61.252	17.408	.89458	128.20	66.260	16.548	189.83	9.7755
#1	-.00032	.00054	.47902	.00056	-.00015	.25081	.00034	.01477
#2	-.00081	.00042	.48512	.00003	-.00005	.31728	-.00005	.01696
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	.00061	.00043	-.00119	F .00551	.0001	.00007	F 4.9492
Stddev	.00241	.00091	.00033	.00076	.00001	.0010	.00005	.0101
%RSD	78.226	149.54	76.825	63.765	.22153	1762.	65.501	.20459
#1	.00478	.00125	.00067	-.00173	.00551	.0008	.00004	4.9563
#2	.00137	-.00003	.00020	-.00066	.00552	-.0007	.00011	4.9420

Sample Name: CCB02 Acquired: 10/30/2018 17:04:15 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .30706
Stddev .14569
%RSD 47.446

#1 .41007
#2 .20404

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.9	53475.	3855.7	111.43	3027.2
Stddev	5.2	84.	25.3	1.08	3.6
%RSD	.22374	.15710	.65587	.97306	.11875

#1	2347.7	53416.	3873.6	112.19	3029.8
#2	2340.2	53535.	3837.9	110.66	3024.7

Sample Name: J5640-01DUP Acquired: 10/30/2018 17:08:19 Type: Unk
Method: P4-ICP2(v2534) 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	.00472	-.00037	.00361	-.00343	-.00304	.02289	.01791	.00013
Stddev	.00386	.00157	.00026	.00062	.00013	.01850	.00032	.00004
%RSD	81.750	428.49	7.2054	18.164	4.3656	80.818	1.8070	29.605

#1	.00745	.00075	.00342	-.00299	-.00313	.00981	.01768	.00016
#2	.00199	-.00148	.00379	-.00387	-.00294	.03596	.01813	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	73.821	-.00105	-.00036	.00210	-.00397	.00812	167.85
Stddev	.00014	.472	.00021	.00025	.00034	.00529	.00003	1.82
%RSD	61.138	.63888	19.772	70.838	16.040	133.26	.37123	1.0814

#1	-.00013	74.155	-.00119	-.00054	.00234	-.00023	.00814	169.14
#2	-.00033	73.488	-.00090	-.00018	.00186	-.00771	.00810	166.57

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	.00073	1217.8	.00140	.00106	56.225	.00125	.58133
Stddev	.00014	.00017	22.7	.00021	.00010	.523	.00040	.01327
%RSD	4.9636	23.418	1.8634	14.746	9.4504	.93106	31.978	2.2820

#1	-.00272	.00085	1233.8	.00155	.00099	56.595	.00097	.59071
#2	-.00291	.00061	1201.7	.00126	.00113	55.855	.00153	.57195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.97	1.4507	-.05392	-.00491	.02261	.0799	1.1088	7.0292
Stddev	.75	.0132	.00097	.00091	.00024	.0012	.0083	.0332
%RSD	.52233	.91058	1.8081	18.621	1.0554	1.504	.74745	.47238

#1	143.50	1.4600	-.05461	-.00426	.02244	.0791	1.1147	7.0527
#2	142.45	1.4414	-.05323	-.00555	.02277	.0808	1.1030	7.0058

Sample Name: J5640-01DUP Acquired: 10/30/2018 17:08:19 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.2970
Stddev .4055
%RSD 5.5569

#1 7.5837
#2 7.0102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.6	46426.	3846.1	109.33	2422.0
Stddev	6.0	34.	52.3	2.84	7.9
%RSD	.27779	.07347	1.3593	2.6009	.32528

#1	2155.4	46402.	3809.1	107.32	2416.4
#2	2163.9	46450.	3883.1	111.34	2427.6

Sample Name: J5640-01LX5 Acquired: 10/30/2018 17:12:26 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	-.00143	.00254	-.00044	-.00151	-.00995	.00388	.00008
Stddev	.00020	.00284	.00055	.00007	.00048	.00879	.00036	.00009
%RSD	8.1362	199.41	21.553	15.261	32.023	88.334	9.3545	100.71
#1	.00256	.00058	.00215	-.00039	-.00185	-.00374	.00363	.00002
#2	.00228	-.00343	.00292	-.00048	-.00117	-.01617	.00414	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	15.440	-.00076	.00013	.00063	-.00702	.00162	33.407
Stddev	.00010	.083	.00006	.00008	.00036	.01417	.00004	.133
%RSD	163.69	.54007	8.3646	61.783	57.493	201.87	2.6946	.39875
#1	-.00013	15.381	-.00071	.00007	.00088	-.01704	.00165	33.501
#2	.00001	15.499	-.00080	.00018	.00037	.00300	.00158	33.313
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	.00015	252.79	.00009	.00008	11.239	.00038	.12573
Stddev	.00003	.00032	.33	.00003	.00012	.010	.00053	.00478
%RSD	2.4262	215.47	.12871	32.337	147.69	.09000	140.61	3.8047
#1	-.00144	-.00008	253.02	.00011	-.00000	11.231	.00075	.12235
#2	-.00139	.00038	252.56	.00007	.00017	11.246	.00000	.12912
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.890	.29112	-.00992	.00006	.01575	.0131	.23209	6.4107
Stddev	.037	.00099	.00070	.00091	.00107	.0002	.00152	.0691
%RSD	.14364	.34040	7.0780	1495.2	6.8054	1.681	.65640	1.0776
#1	25.917	.29183	-.01041	-.00058	.01499	.0132	.23317	6.4596
#2	25.864	.29042	-.00942	.00070	.01651	.0129	.23101	6.3619

Sample Name: J5640-01LX5 Acquired: 10/30/2018 17:12:26 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.8366
Stddev	.0692
%RSD	2.4400

#1	2.7877
#2	2.8855

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.1	49150.	3818.7	107.40	2672.1
Stddev	13.9	24.	10.7	1.82	9.1
%RSD	.62604	.04828	.28010	1.6988	.33910

#1	2207.3	49166.	3811.2	108.69	2665.7
#2	2226.9	49133.	3826.3	106.11	2678.5

Sample Name: J5640-01MS Acquired: 10/30/2018 17:16:35 Type: Unk
Method: P4-ICP2(v2534) 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	.91904	1.8807	1.0603	2.1935	.86535	2.2629	.21652	.23587
Stddev	.00210	.0034	.0006	.0066	.00231	.0053	.00013	.00114
%RSD	.22853	.18182	.05529	.30235	.26705	.23604	.06209	.48372
#1	.91755	1.8783	1.0608	2.1889	.86699	2.2666	.21661	.23668
#2	.92052	1.8831	1.0599	2.1982	.86372	2.2591	.21642	.23507
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21023	75.495	.41198	.21200	.29870	2.9018	.21420	172.41
Stddev	.00034	.097	.00176	.00042	.00000	.0196	.00065	.48
%RSD	.16277	.12901	.42644	.19694	.00094	.67512	.30365	.27862
#1	.20999	75.564	.41322	.21171	.29870	2.8879	.21466	172.75
#2	.21047	75.427	.41074	.21230	.29870	2.9156	.21374	172.07
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50545	.08613	1226.3	.31262	.21218	67.674	.42026	.84894
Stddev	.00011	.00027	.6	.00043	.00175	.140	.00102	.00421
%RSD	.02146	.30987	.05120	.13813	.82390	.20721	.24168	.49644
#1	.50552	.08632	1225.9	.31292	.21094	67.773	.41955	.85192
#2	.50537	.08594	1226.8	.31231	.21342	67.575	.42098	.84596
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.21	2.4078	.71566	.18839	.23463	7.170	1.3235	7.0160
Stddev	.10	.0013	.00178	.00552	.00157	.010	.0025	.0094
%RSD	.06817	.05459	.24907	2.9312	.66840	.1399	.18755	.13381
#1	142.28	2.4087	.71692	.18449	.23574	7.163	1.3217	7.0226
#2	142.14	2.4068	.71440	.19230	.23352	7.177	1.3252	7.0093

Sample Name: J5640-01MS Acquired: 10/30/2018 17:16:35 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0416
Stddev	.1555
%RSD	3.0849

#1	4.9317
#2	5.1516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.5	46700.	3728.9	107.16	2384.2
Stddev	3.0	95.	3.6	.60	5.2
%RSD	.14269	.20263	.09731	.56435	.21783

#1	2125.3	46633.	3731.5	107.59	2380.6
#2	2129.6	46767.	3726.3	106.73	2387.9

Sample Name: J5640-01MSD Acquired: 10/30/2018 17:20:32 Type: Unk
Method: P4-ICP2(v2534) 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	.92163	1.8966	1.0618	2.2080	.87535	2.3062	.22222	.23909
Stddev	.00205	.0041	.0049	.0006	.00217	.0333	.00514	.00416
%RSD	.22279	.21654	.46084	.02747	.24756	1.4437	2.3124	1.7387
#1	.92018	1.8995	1.0652	2.2085	.87688	2.2827	.21859	.23615
#2	.92308	1.8937	1.0583	2.2076	.87382	2.3298	.22586	.24203
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21123	76.335	.41687	.21386	.29898	3.0162	.21708	175.64
Stddev	.00108	1.308	.00583	.00003	.00015	.0571	.00375	4.03
%RSD	.50984	1.7138	1.3975	.01370	.04975	1.8932	1.7257	2.2938
#1	.21199	75.410	.41275	.21388	.29909	2.9758	.21444	172.79
#2	.21047	77.261	.42099	.21383	.29888	3.0566	.21973	178.49
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50722	.08760	1232.7	.31914	.22099	68.508	.42322	.87238
Stddev	.00142	.00257	7.5	.00735	.00299	.957	.00049	.01238
%RSD	.28091	2.9359	.60738	2.3042	1.3511	1.3968	.11559	1.4188
#1	.50823	.08578	1238.0	.31394	.21888	67.831	.42357	.86363
#2	.50621	.08942	1227.4	.32434	.22310	69.184	.42288	.88113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.67	2.4605	.71951	.19620	.23873	7.199	1.3406	7.2861
Stddev	.96	.0483	.00601	.00201	.00491	.035	.0221	.1748
%RSD	.67090	1.9636	.83537	1.0269	2.0558	.4903	1.6515	2.3991
#1	143.35	2.4263	.72376	.19478	.23526	7.224	1.3249	7.1625
#2	142.00	2.4946	.71526	.19763	.24220	7.174	1.3562	7.4097

Sample Name: J5640-01MSD Acquired: 10/30/2018 17:20:32 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0149
Stddev	1.0558
%RSD	21.054

#1	4.2683
#2	5.7615

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.0	45855.	3648.8	102.74	2365.9
Stddev	2.0	511.	57.5	1.22	9.7
%RSD	.09269	1.1140	1.5758	1.1919	.41108

#1	2113.6	46216.	3689.5	103.60	2359.1
#2	2116.4	45493.	3608.2	101.87	2372.8

Sample Name: J5640-01A Acquired: 10/30/2018 17:24:30 Type: Unk
Method: P4-ICP2(v2534) 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	.91932	1.8867	1.0594	2.2122	.87174	2.3142	.21876	.23419
Stddev	.00019	.0093	.0000	.0006	.00270	.0202	.00026	.00079
%RSD	.02024	.49133	.00306	.02938	.30980	.87394	.11753	.33687
#1	.91918	1.8801	1.0595	2.2126	.86983	2.2999	.21894	.23475
#2	.91945	1.8933	1.0594	2.2117	.87365	2.3285	.21858	.23363
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21006	75.017	.41270	.21188	.29744	2.9243	.21402	171.45
Stddev	.00070	.235	.00217	.00089	.00238	.0361	.00061	1.11
%RSD	.33088	.31376	.52616	.41785	.80074	1.2353	.28469	.65026
#1	.20957	74.851	.41116	.21125	.29575	2.9499	.21445	172.24
#2	.21055	75.184	.41423	.21251	.29912	2.8988	.21359	170.66
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50434	.08726	1202.4	.31572	.21605	67.341	.42248	.87044
Stddev	.00198	.00035	11.9	.00050	.00345	.198	.00060	.00171
%RSD	.39287	.40525	.99341	.15922	1.5974	.29387	.14224	.19695
#1	.50294	.08701	1210.9	.31607	.21849	67.481	.42290	.86923
#2	.50574	.08751	1194.0	.31536	.21361	67.201	.42205	.87165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.11	2.4156	.71700	.19243	.23536	7.170	1.3228	7.0623
Stddev	1.04	.0021	.00060	.00226	.00077	.031	.0040	.0274
%RSD	.73367	.08643	.08434	1.1727	.32822	.4370	.30612	.38771
#1	141.37	2.4141	.71657	.19084	.23590	7.148	1.3199	7.0816
#2	142.85	2.4171	.71743	.19403	.23481	7.192	1.3257	7.0429

Sample Name: J5640-01A Acquired: 10/30/2018 17:24:30 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7827
Stddev .3509
%RSD 6.0686

#1 6.0308
#2 5.5346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.5	46333.	3751.9	105.38	2374.3
Stddev	15.2	34.	6.7	.74	23.1
%RSD	.71787	.07266	.17799	.70672	.97418

#1	2129.2	46357.	3747.2	104.85	2390.6
#2	2107.7	46309.	3756.7	105.90	2357.9

Sample Name: J5650-01DUP Acquired: 10/30/2018 17:28:27 Type: Unk
Method: P4-ICP2(v2534) 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	.00731	-.00018	.00425	.00023	-.00271	.02439	.01680	.00011
Stddev	.00148	.00024	.00124	.00090	.00033	.00035	.00053	.00003
%RSD	20.302	134.99	29.218	393.02	12.127	1.4383	3.1717	28.800
#1	.00836	-.00035	.00513	.00087	-.00248	.02464	.01718	.00009
#2	.00626	-.00001	.00337	-.00041	-.00294	.02414	.01642	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	89.481	-.00115	-.00059	.00148	-.02087	.01158	222.87
Stddev	.00007	.202	.00050	.00055	.00032	.00201	.00003	.42
%RSD	29.460	.22582	43.363	93.305	21.759	9.6271	.29681	.18913
#1	-.00030	89.624	-.00080	-.00097	.00125	-.02229	.01155	223.17
#2	-.00020	89.339	-.00150	-.00020	.00171	-.01945	.01160	222.57
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	.00064	1508.9	.00119	.00143	75.874	.00207	.75085
Stddev	.00024	.00011	10.9	.00061	.00010	.204	.00002	.00466
%RSD	7.1366	17.224	.72215	51.245	7.2534	.26926	1.1040	.62115
#1	-.00320	.00056	1516.6	.00076	.00135	76.018	.00205	.75415
#2	-.00354	.00072	1501.2	.00162	.00150	75.729	.00208	.74756
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 195.87	1.4212	-.07163	-.00440	.03154	.0919	1.4484	7.4130
Stddev	.23	.0228	.00228	.00122	.00009	.0003	.0018	.2034
%RSD	.11958	1.6080	3.1867	27.770	.28358	.3090	.12091	2.7440
#1	196.04	1.4374	-.07001	-.00354	.03147	.0917	1.4496	7.2691
#2	195.71	1.4051	-.07324	-.00526	.03160	.0921	1.4472	7.5568

Sample Name: J5650-01DUP Acquired: 10/30/2018 17:28:27 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.6149
Stddev .8586
%RSD 11.275

#1 7.0078
#2 8.2220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.3	45171.	3768.4	103.33	2290.3
Stddev	10.5	263.	10.8	1.44	6.1
%RSD	.51046	.58222	.28749	1.3961	.26737

#1	2041.9	45357.	3760.7	104.35	2286.0
#2	2056.7	44985.	3776.1	102.31	2294.6

Sample Name: J5650-01LX5 Acquired: 10/30/2018 17:32:34 Type: Unk
Method: P4-ICP2(v2534) 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	.00370	-.00062	.00220	-.00047	-.00214	.00242	.00300	.00018
Stddev	.00174	.00208	.00133	.00000	.00006	.00844	.00018	.00003
%RSD	46.969	335.00	60.366	.14924	2.7550	348.64	6.0064	14.230
#1	.00247	.00085	.00314	-.00047	-.00218	-.00355	.00287	.00016
#2	.00493	-.00210	.00126	-.00047	-.00209	.00839	.00313	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	18.300	-.00035	.00008	.00054	-.01178	.00223	43.578
Stddev	.00005	.024	.00030	.00005	.00003	.00018	.00004	.031
%RSD	66.839	.13170	86.779	69.854	4.7399	1.5407	1.6581	.07214
#1	-.00010	18.283	-.00013	.00011	.00053	-.01165	.00221	43.601
#2	-.00004	18.317	-.00056	.00004	.00056	-.01190	.00226	43.556
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	.00053	330.10	.00052	.00006	15.140	.00019	.15851
Stddev	.00076	.00022	.24	.00007	.00006	.024	.00053	.01038
%RSD	40.286	40.883	.07164	13.398	102.57	.15690	280.80	6.5503
#1	-.00135	.00038	329.93	.00047	.00002	15.124	.00056	.16585
#2	-.00243	.00069	330.27	.00057	.00010	15.157	-.00019	.15117
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.020	.27716	-.01220	-.00179	.02234	.0129	.29467	6.4204
Stddev	.020	.00240	.00045	.00037	.00290	.0010	.00025	.0181
%RSD	.05699	.86658	3.6506	20.848	12.997	7.542	.08414	.28172
#1	35.034	.27546	-.01252	-.00152	.02029	.0122	.29485	6.4076
#2	35.006	.27886	-.01189	-.00205	.02439	.0136	.29450	6.4332

Sample Name: J5650-01LX5 Acquired: 10/30/2018 17:32:34 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.3760
Stddev	.5451
%RSD	16.145

#1	3.7615
#2	2.9906

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.0	48611.	3811.5	107.76	2604.7
Stddev	8.7	49.	21.5	.01	7.0
%RSD	.40068	.10100	.56502	.01091	.27030

#1	2165.9	48646.	3796.2	107.77	2599.7
#2	2178.2	48576.	3826.7	107.75	2609.7

Sample Name: J5650-01MS Acquired: 10/30/2018 17:36:43 Type: Unk
Method: P4-ICP2(v2534) 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	.88880	1.7918	1.0193	2.1156	.84123	2.1930	.20673	.22843
Stddev	.00441	.0000	.0027	.0142	.00304	.0043	.00052	.00044
%RSD	.49668	.00203	.26083	.67152	.36181	.19636	.25128	.19188

#1	.89192	1.7918	1.0174	2.1257	.84339	2.1900	.20637	.22812
#2	.88567	1.7918	1.0212	2.1056	.83908	2.1961	.20710	.22874

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20057	89.797	.38708	.20356	.28003	2.7915	.20609	223.78
Stddev	.00034	.212	.00369	.00092	.00104	.0010	.00034	.34
%RSD	.16750	.23648	.95402	.45229	.37228	.03481	.16654	.15208

#1	.20033	89.947	.38969	.20291	.28077	2.7908	.20585	224.02
#2	.20080	89.647	.38447	.20421	.27929	2.7922	.20633	223.54

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48038	.08315	1538.2	.29549	.20706	85.644	.40392	1.0175
Stddev	.00103	.00026	5.1	.00290	.00159	.169	.00103	.0041
%RSD	.21519	.31441	.32855	.98218	.76799	.19679	.25554	.40044

#1	.47964	.08333	1541.8	.29344	.20594	85.525	.40465	1.0204
#2	.48111	.08296	1534.6	.29754	.20819	85.763	.40319	1.0146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 193.26	2.2971	.66861	.18178	.23463	7.023	1.6271	7.3167
Stddev	.06	.0144	.00322	.00391	.00082	.018	.0043	.0492
%RSD	.03015	.62461	.48206	2.1517	.35076	.2614	.26347	.67223

#1	193.30	2.2870	.66633	.17901	.23405	7.010	1.6241	7.3515
#2	193.22	2.3073	.67089	.18454	.23521	7.036	1.6302	7.2819

Sample Name: J5650-01MS Acquired: 10/30/2018 17:36:43 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3146
Stddev	.2597
%RSD	4.1131

#1	6.4983
#2	6.1310

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.8	45632.	3699.8	103.15	2289.8
Stddev	6.1	102.	1.3	.45	2.2
%RSD	.29441	.22268	.03523	.44107	.09673

#1	2068.5	45560.	3698.8	103.48	2288.2
#2	2077.1	45704.	3700.7	102.83	2291.4

Sample Name: J5650-01MSD Acquired: 10/30/2018 17:40:41 Type: Unk
Method: P4-ICP2(v2534) 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	.88551	1.7923	1.0170	2.1155	.84180	2.1998	.20657	.22961
Stddev	.00402	.0180	.0011	.0123	.00277	.0148	.00098	.00012
%RSD	.45391	1.0025	.10593	.58080	.32873	.67184	.47379	.05426
#1	.88836	1.8050	1.0177	2.1242	.84375	2.2103	.20726	.22952
#2	.88267	1.7796	1.0162	2.1068	.83984	2.1894	.20587	.22970
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20100	90.097	.39093	.20323	.28127	2.7816	.20691	224.86
Stddev	.00113	.212	.00097	.00115	.00005	.0626	.00033	1.67
%RSD	.56062	.23492	.24908	.56771	.01738	2.2524	.15875	.74228
#1	.20180	89.947	.39024	.20405	.28131	2.7373	.20714	223.68
#2	.20021	90.246	.39162	.20241	.28124	2.8259	.20668	226.04
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48267	.08461	1526.4	.29957	.20536	85.620	.40379	1.0090
Stddev	.00188	.00020	2.8	.00003	.00190	.511	.00170	.0095
%RSD	.38948	.23896	.18641	.01095	.92738	.59736	.42186	.93976
#1	.48400	.08475	1524.4	.29955	.20402	85.258	.40500	1.0157
#2	.48134	.08446	1528.5	.29959	.20671	85.981	.40259	1.0023
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 192.43	2.3141	.67060	.18050	.23591	7.032	1.6349	7.4208
Stddev	.16	.0021	.00073	.00065	.00146	.035	.0053	.0727
%RSD	.08260	.09043	.10923	.36207	.62075	.4975	.32482	.97972
#1	192.32	2.3126	.67112	.18004	.23695	7.057	1.6312	7.4722
#2	192.54	2.3156	.67008	.18096	.23487	7.007	1.6387	7.3694

Sample Name: J5650-01MSD Acquired: 10/30/2018 17:40:41 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5765
Stddev .2793
%RSD 5.0079

#1 5.7739
#2 5.3790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.8	45513.	3700.1	103.66	2292.1
Stddev	6.4	64.	6.4	1.63	2.7
%RSD	.30873	.14079	.17334	1.5752	.11677

#1	2079.3	45468.	3704.6	104.81	2294.0
#2	2070.2	45559.	3695.6	102.50	2290.2

Sample Name: J5650-01A Acquired: 10/30/2018 17:44:39 Type: Unk
Method: P4-ICP2(v2534) 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	.87951	1.7791	1.0040	2.0986	.83120	2.1736	.20551	.22635
Stddev	.00183	.0000	.0005	.0003	.00367	.0066	.00081	.00096
%RSD	.20834	.00156	.04831	.01461	.44209	.30427	.39292	.42416
#1	.87822	1.7791	1.0036	2.0988	.82860	2.1689	.20494	.22568
#2	.88081	1.7791	1.0043	2.0983	.83380	2.1783	.20608	.22703
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19906	88.962	.38396	.20089	.27922	2.7330	.20392	222.27
Stddev	.00018	.622	.00202	.00021	.00050	.0607	.00041	2.04
%RSD	.08809	.69895	.52495	.10433	.17878	2.2200	.20171	.91811
#1	.19918	88.522	.38253	.20104	.27887	2.6900	.20363	220.83
#2	.19893	89.402	.38538	.20075	.27957	2.7759	.20422	223.72
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47763	.08425	1504.5	.29453	.20268	84.834	.39983	1.0125
Stddev	.00028	.00018	7.5	.00143	.00600	1.051	.00116	.0008
%RSD	.05800	.21692	.49869	.48708	2.9582	1.2384	.29098	.08306
#1	.47783	.08412	1499.2	.29352	.19844	84.091	.39901	1.0119
#2	.47744	.08438	1509.9	.29555	.20692	85.577	.40065	1.0131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 190.73	2.2863	.66191	.17780	.23328	6.978	1.6155	7.3705
Stddev	.46	.0167	.00178	.00363	.00236	.024	.0194	.0671
%RSD	.23948	.72810	.26891	2.0428	1.0127	.3500	1.2002	.91038
#1	191.06	2.2745	.66317	.17523	.23161	6.996	1.6018	7.3231
#2	190.41	2.2981	.66066	.18037	.23495	6.961	1.6292	7.4180

Sample Name: J5650-01A Acquired: 10/30/2018 17:44:39 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.8187
Stddev .2905
%RSD 4.9925

#1 5.6133
#2 6.0241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.9	45787.	3725.6	104.59	2302.7
Stddev	2.6	128.	27.1	3.10	3.3
%RSD	.12248	.28020	.72864	2.9636	.14238

#1	2084.1	45878.	3744.8	106.78	2300.3
#2	2087.7	45696.	3706.4	102.40	2305.0

Sample Name: CCV03 Acquired: 10/30/2018 17:48:37 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4131	4.9832	5.2364	5.2211	5.3154	10.399	9.5788	.25077
Stddev	.0648	.0636	.0721	.0650	.0628	.139	.1414	.00060
%RSD	1.1971	1.2770	1.3770	1.2446	1.1805	1.3411	1.4761	.23925
#1	5.4589	5.0282	5.2874	5.2671	5.3598	10.300	9.6787	.25035
#2	5.3673	4.9382	5.1854	5.1752	5.2711	10.498	9.4788	.25120
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5316	24.809	1.0186	2.5723	1.2999	4.8718	2.5162	23.709
Stddev	.0285	.003	.0015	.0316	.0159	.0345	.0014	.022
%RSD	1.1255	.01044	.14739	1.2285	1.2199	.70919	.05725	.09269
#1	2.5517	24.808	1.0175	2.5947	1.3111	4.8474	2.5151	23.724
#2	2.5114	24.811	1.0196	2.5500	1.2887	4.8963	2.5172	23.693
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4769	1.2994	23.823	2.4815	2.6221	24.774	5.3803	4.6406
Stddev	.0301	.0012	.246	.0001	.0080	.346	.0663	.0161
%RSD	1.2132	.09114	1.0308	.00505	.30329	1.3949	1.2313	.34620
#1	2.4982	1.2985	23.997	2.4814	2.6277	25.019	5.4272	4.6520
#2	2.4557	1.3002	23.650	2.4816	2.6165	24.530	5.3335	4.6293
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1979	4.8401	5.1917	4.6986	4.7858	4.989	5.0069	F 5.9244
Stddev	.0413	.0607	.0807	.0137	.0606	.083	.0788	.1042
%RSD	.79546	1.2541	1.5537	.29094	1.2670	1.656	1.5738	1.7591
#1	5.2272	4.8830	5.2487	4.7082	4.8287	5.047	5.0626	5.9981
#2	5.1687	4.7972	5.1347	4.6889	4.7429	4.930	4.9512	5.8507

Sample Name: CCV03 Acquired: 10/30/2018 17:48:37 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8572
Stddev	.1423
%RSD	4.9793

#1	2.7566
#2	2.9578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.0	51375.	3859.4	106.48	2713.7
Stddev	31.7	155.	59.0	.58	37.2
%RSD	1.4237	.30254	1.5295	.54913	1.3719

#1	2207.6	51266.	3817.6	106.06	2687.3
#2	2252.5	51485.	3901.1	106.89	2740.0

Sample Name: CCB03 Acquired: 10/30/2018 17:56:26 Type: Unk
Method: P4-ICP2(v2534) 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	.00033	-.00148	.00000	-.00170	.00011	-.01390	.00003	.00005
Stddev	.00139	.00043	.00050	.00121	.00243	.00754	.00041	.00007
%RSD	421.71	29.301	28478.	71.063	2316.7	54.234	1487.7	122.39

#1	.00131	-.00117	.00035	-.00255	.00183	-.01923	-.00026	.00010
#2	-.00065	-.00179	-.00035	-.00084	-.00162	-.00857	.00032	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00907	-.00063	.00027	-.00018	-.00909	-.00001	.00155
Stddev	.00000	.01006	.00014	.00006	.00004	.00748	.00002	.01685
%RSD	10.048	110.91	21.732	23.398	20.813	82.353	268.96	1085.2

#1	.00003	.01619	-.00073	.00023	-.00021	-.01438	.00001	.01347
#2	.00004	.00196	-.00054	.00032	-.00016	-.00380	-.00002	-.01036

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00048	F .93860	.00024	-.00013	.36896	-.00008	.01261
Stddev	.00026	.00022	.01910	.00039	.00003	.00645	.00020	.00094
%RSD	348.62	46.843	2.0354	166.61	24.869	1.7488	249.42	7.4147

#1	-.00025	.00032	.92509	-.00004	-.00011	.36440	.00006	.01327
#2	.00011	.00064	.95211	.00051	-.00015	.37353	-.00022	.01195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00286	.00011	-.00178	.00475	-.0038	.00006	F 5.3653
Stddev	.00411	.00036	.00019	.00014	.00082	.0004	.00004	.0720
%RSD	1669.2	12.667	164.57	8.0604	17.251	10.63	66.727	1.3417

#1	-.00266	-.00311	.00025	-.00168	.00417	-.0041	.00009	5.3144
#2	.00316	-.00260	-.00002	-.00188	.00534	-.0035	.00003	5.4162

Sample Name: CCB03 Acquired: 10/30/2018 17:56:26 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .78453
Stddev .50181
%RSD 63.964

#1 1.1394
#2 .42970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.0	52832.	3854.2	111.44	3032.6
Stddev	3.6	520.	35.8	3.46	3.9
%RSD	.15307	.98362	.92958	3.1039	.12872

#1	2333.5	53200.	3828.9	108.99	3029.9
#2	2338.6	52465.	3879.5	113.88	3035.4

Sample Name: PB114267BS Acquired: 10/30/2018 18:00:29 Type: Unk
Method: P4-ICP2(v2534) 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	.86149	2.0158	1.0363	2.0960	.84765	2.0109	.20331
Stddev	.00268	.0012	.0030	.0089	.00390	.0796	.00023
%RSD	.31067	.05829	.29191	.42582	.46016	3.9589	.11528

#1	.85960	2.0150	1.0384	2.1023	.84490	2.0672	.20314
#2	.86339	2.0167	1.0342	2.0897	.85041	1.9546	.20347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20590	.20060	1.0781	.42658	.20522	.32886	2.8973
Stddev	.00831	.00029	.0287	.01756	.00028	.00028	.0192
%RSD	4.0366	.14381	2.6655	4.1162	.13562	.08591	.66358

#1	.21178	.20080	1.0577	.43900	.20541	.32866	2.9109
#2	.20002	.20040	1.0984	.41416	.20502	.32906	2.8837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21795	2.0286	.49482	.07757	3.4175	.31477	.21471
Stddev	.00928	.0200	.00018	.00284	.0377	.01208	.00110
%RSD	4.2580	.98757	.03636	3.6630	1.1032	3.8363	.51423

#1	.22451	2.0428	.49469	.07958	3.3908	.32331	.21549
#2	.21139	2.0145	.49494	.07556	3.4442	.30623	.21393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.260	.44392	.30110	F -.00589	.99543	.72241	.19441
Stddev	.037	.00064	.00114	.00069	.00133	.00313	.00213
%RSD	.35895	.14466	.37834	11.673	.13368	.43296	1.0954

#1	10.234	.44346	.30190	-.00637	.99449	.72462	.19591
#2	10.286	.44437	.30029	-.00540	.99637	.72020	.19290

Sample Name: PB114267BS Acquired: 10/30/2018 18:00:29 Type: Unk
 Method: P4-ICP2(v2534) 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	.20373	5.604	.21039	F 5.5112	F<.00000
Stddev	.00144	.005	.00002	.6366	.51301
%RSD	.70557	.0922	.00874	11.551	30.728

#1	.20271	5.607	.21041	5.9613	-2.0322
#2	.20475	5.600	.21038	5.0611	-1.3067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.7	52418.	3757.2	111.60	2973.1
Stddev	10.6	1979.	.6	1.02	16.1
%RSD	.46033	3.7761	.01608	.91349	.54201

#1	2305.2	51019.	3756.8	110.88	2961.7
#2	2320.2	53818.	3757.7	112.32	2984.5

Sample Name: PB114263BL Acquired: 10/30/2018 18:04:20 Type: Unk
Method: P4-ICP2(v2534) 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	-.00061	.00161	-.00038	-.00093	-.01167	.00006	.00006
Stddev	.00232	.00159	.00011	.00014	.00043	.00240	.00040	.00000
%RSD	187.97	260.73	6.7962	36.004	46.681	20.524	703.24	1.4453
#1	-.00041	-.00173	.00153	-.00028	-.00062	-.01336	-.00023	.00006
#2	.00288	.00051	.00168	-.00048	-.00123	-.00998	.00034	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01502	-.00056	.00028	.00018	.00506	.00001	.03801
Stddev	.00008	.00407	.00002	.00008	.00026	.00135	.00006	.00464
%RSD	709.55	27.112	3.3967	29.610	141.04	26.705	1121.5	12.205
#1	-.00007	.01214	-.00057	.00022	.00037	.00410	-.00004	.04129
#2	.00005	.01790	-.00054	.00034	.00000	.00601	.00005	.03473
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00043	F .51084	.00007	.00006	.22566	-.00010	.00675
Stddev	.00017	.00016	.00585	.00018	.00005	.00050	.00019	.00206
%RSD	98.010	37.343	1.1452	260.59	83.126	.22135	195.42	30.527
#1	-.00005	.00054	.50671	.00020	.00002	.22601	.00004	.00529
#2	-.00029	.00031	.51498	-.00006	.00009	.22530	-.00023	.00821
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00062	-.00039	-.00248	.00278	-.0016	.00007	F 5.1469
Stddev	.00043	.00062	.00014	.00047	.00010	.0015	.00001	.1919
%RSD	44.541	99.893	37.136	18.936	3.6935	90.94	9.2839	3.7290
#1	.00126	-.00018	-.00049	-.00281	.00271	-.0006	.00007	5.2827
#2	.00065	-.00106	-.00029	-.00215	.00285	-.0027	.00008	5.0112

Sample Name: PB114263BL Acquired: 10/30/2018 18:04:20 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .88134
Stddev .37071
%RSD 42.062

#1 1.1435
#2 .61921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.2	53567.	3799.1	108.04	3029.1
Stddev	17.4	175.	19.2	1.21	11.7
%RSD	.74557	.32594	.50643	1.1235	.38650

#1	2316.0	53443.	3812.7	108.90	3020.8
#2	2340.5	53690.	3785.5	107.18	3037.4

Sample Name: PB114263BS Acquired: 10/30/2018 18:08:23 Type: Unk
Method: P4-ICP2(v2534) 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	.86975	2.0368	1.0480	2.1133	.80432	2.0447	.20516
Stddev	.00796	.0171	.0121	.0225	.00998	.0180	.00192
%RSD	.91504	.83996	1.1579	1.0666	1.2409	.87941	.93443

#1	.87538	2.0489	1.0566	2.1292	.81137	2.0320	.20652
#2	.86413	2.0247	1.0395	2.0973	.79726	2.0575	.20380

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20837	.20301	1.0839	.43150	.20722	.33134	3.0348
Stddev	.00261	.00198	.0165	.00939	.00229	.00348	.0163
%RSD	1.2537	.97603	1.5240	2.1759	1.1068	1.0508	.53814

#1	.20653	.20441	1.0722	.42486	.20884	.33381	3.0233
#2	.21022	.20161	1.0955	.43814	.20560	.32888	3.0464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21987	1.9895	.50121	.07920	3.2042	.31601	.22587
Stddev	.00398	.0458	.00642	.00014	.0275	.00492	.00278
%RSD	1.8114	2.3027	1.2810	.18266	.85774	1.5572	1.2327

#1	.21705	2.0219	.50575	.07910	3.2236	.31253	.22390
#2	.22268	1.9571	.49667	.07930	3.1848	.31949	.22784

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.267	.42218	.30052	F -.00230	.94727	.69041	.18340
Stddev	.079	.00407	.00718	.00417	.00978	.00624	.00307
%RSD	.76668	.96398	2.3885	181.02	1.0323	.90360	1.6731

#1	10.323	.42506	.30559	-.00525	.95419	.69482	.18557
#2	10.211	.41930	.29544	.00064	.94036	.68600	.18123

Sample Name: PB114263BS Acquired: 10/30/2018 18:08:23 Type: Unk
 Method: P4-ICP2(v2534) 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	.20448	5.644	.21151	F 5.3681	F<.00000
Stddev	.00258	.065	.00113	.1051	.55433
%RSD	1.2611	1.152	.53215	1.9582	38.550

#1	.20630	5.690	.21072	5.2938	-1.8299
#2	.20265	5.598	.21231	5.4424	-1.0460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.6	53016.	3818.3	108.56	2998.1
Stddev	28.1	577.	24.0	1.09	37.0
%RSD	1.2028	1.0886	.62828	1.0022	1.2341

#1	2319.7	53424.	3801.3	109.33	2972.0
#2	2359.5	52608.	3835.3	107.79	3024.3

Sample Name: PB114249BL Acquired: 10/30/2018 18:12:14 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114249BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00102	-.00052	.00052	-.00039	-.00065	.00019	.00002
Stddev	.00095	.00074	.00049	.00072	.00003	.00213	.00006	.00003
%RSD	548.50	72.509	94.144	139.86	8.6880	327.21	32.604	135.24

#1	.00084	-.00049	-.00086	.00103	-.00042	-.00215	.00015	.00000
#2	-.00050	-.00154	-.00017	.00001	-.00037	.00085	.00023	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00589	-.00034	.00003	-.00012	.00165	.00002	.01272
Stddev	.00002	.02000	.00021	.00001	.00062	.00516	.00003	.01484
%RSD	26.830	339.79	60.644	53.782	528.75	312.26	184.65	116.66

#1	.00007	.02003	-.00049	.00003	-.00056	-.00200	.00004	.00223
#2	.00005	-.00826	-.00019	.00002	.00032	.00530	-.00001	.02322

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00017	.33386	-.00002	-.00018	.17119	-.00029	.01063
Stddev	.00015	.00022	.00751	.00011	.00013	.02202	.00015	.00001
%RSD	198.76	129.96	2.2506	551.50	73.034	12.864	51.251	.08672

#1	-.00019	.00033	.32855	-.00010	-.00009	.15562	-.00019	.01064
#2	.00003	.00001	.33917	.00006	-.00027	.18677	-.00040	.01062

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00128	-.00054	-.00244	.00165	.0001	.00006	F 5.2266
Stddev	.00014	.00208	.00089	.00033	.00140	.0012	.00000	.0357
%RSD	8.7001	162.06	163.62	13.537	84.953	1893.	6.1586	.68247

#1	.00150	-.00275	.00009	-.00221	.00066	.0009	.00006	5.2014
#2	.00169	.00019	-.00117	-.00268	.00263	-.0008	.00006	5.2518

Sample Name: PB114249BL Acquired: 10/30/2018 18:12:14 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114249BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .22199
 Stddev .39118
 %RSD 176.21

#1 .49860
 #2 -.05461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.1	53585.	3851.4	110.85	3050.6
Stddev	6.4	83.	4.4	.95	9.3
%RSD	.27106	.15532	.11525	.85587	.30634

#1	2355.6	53526.	3854.6	110.18	3057.2
#2	2346.6	53644.	3848.3	111.52	3044.0

Sample Name: PB114249BS Acquired: 10/30/2018 18:16:18 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114249BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86346	2.0160	1.0367	2.0931	.81284	1.9959	.20531
Stddev	.00245	.0062	.0010	.0062	.00126	.0133	.00176
%RSD	.28367	.30952	.09452	.29530	.15537	.66746	.85634

#1	.86519	2.0116	1.0360	2.0975	.81373	1.9865	.20656
#2	.86173	2.0204	1.0373	2.0887	.81195	2.0054	.20407

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20466	.20112	1.0705	.42447	.20577	.32733	2.9819
Stddev	.00073	.00010	.0472	.00042	.00007	.00053	.0984
%RSD	.35582	.05067	4.4129	.09900	.03318	.16329	3.2988

#1	.20414	.20119	1.1039	.42417	.20582	.32695	2.9124
#2	.20517	.20104	1.0371	.42477	.20572	.32771	3.0515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21707	2.0552	.49558	.07700	3.1183	.31060	.22240
Stddev	.00013	.0444	.00022	.00104	.0263	.00040	.00504
%RSD	.06167	2.1600	.04511	1.3498	.84216	.12874	2.2663

#1	.21698	2.0866	.49542	.07627	3.1368	.31032	.21884
#2	.21716	2.0238	.49574	.07774	3.0997	.31089	.22596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.249	.42753	.30083	F -.00601	.97013	.69652	.19161
Stddev	.052	.00170	.01214	.00134	.02312	.00002	.00348
%RSD	.51154	.39819	4.0351	22.363	2.3830	.00268	1.8151

#1	10.286	.42873	.30941	-.00696	.98648	.69654	.19406
#2	10.211	.42632	.29225	-.00506	.95379	.69651	.18915

Sample Name: PB114249BS Acquired: 10/30/2018 18:16:18 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114249BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20286	5.619	.21259	F 5.3332	F<.00000
Stddev	.00010	.004	.00098	.0061	.26519
%RSD	.05081	.0754	.46074	.11487	13.080

#1	.20293	5.616	.21329	5.3376	-1.8399
#2	.20279	5.622	.21190	5.3289	-2.2149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.0	53382.	3773.6	109.46	3001.9
Stddev	2.9	56.	58.4	2.54	2.8
%RSD	.12414	.10570	1.5483	2.3201	.09463

#1	2338.9	53422.	3732.2	111.26	3003.9
#2	2343.0	53342.	3814.9	107.67	2999.8

Sample Name: PB113969BL Acquired: 10/30/2018 18:20:11 Type: Unk
Method: P4-ICP2(v2534) 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	.00423	-.00047	.00097	-.00140	-.00107	-.00357	.00120	.00008
Stddev	.00197	.00022	.00033	.00079	.00164	.00375	.00032	.00007
%RSD	46.637	46.062	34.490	56.491	153.74	104.86	26.390	97.307
#1	.00284	-.00032	.00120	-.00196	-.00223	-.00622	.00143	.00013
#2	.00562	-.00062	.00073	-.00084	.00009	-.00092	.00098	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00325	-.00044	.00026	-.00007	-.00822	-.00002	-.02409
Stddev	.00003	.01036	.00019	.00007	.00068	.00010	.00002	.01289
%RSD	52.149	318.65	42.552	27.613	996.92	1.1915	95.655	53.536
#1	.00004	-.01058	-.00031	.00021	-.00055	-.00815	-.00003	-.01497
#2	.00009	.00408	-.00057	.00031	.00041	-.00829	-.00001	-.03320
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00100	.24375	-.00002	-.00059	.11557	-.00062	.00828
Stddev	.00013	.00095	.01516	.00028	.00004	.01180	.00009	.00440
%RSD	163.98	95.577	6.2204	1800.7	5.8919	10.210	14.990	53.195
#1	-.00017	.00167	.23303	.00018	-.00057	.10723	-.00056	.00517
#2	.00001	.00032	.25447	-.00021	-.00062	.12391	-.00069	.01139
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00789	-.00217	-.00061	-.00112	.00037	-.0008	.00014	F 5.0915
Stddev	.00254	.00093	.00005	.00152	.00104	.0021	.00001	.0870
%RSD	32.155	42.637	9.0390	135.64	282.15	279.4	10.532	1.7079
#1	-.00969	-.00152	-.00064	-.00005	-.00037	.0007	.00013	5.0300
#2	-.00610	-.00283	-.00057	-.00220	.00110	-.0023	.00015	5.1530

Sample Name: PB113969BL Acquired: 10/30/2018 18:20:11 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .42544
Stddev	.06346
%RSD	14.917

#1	.47032
#2	.38056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.4	53528.	3864.7	110.88	3060.7
Stddev	8.3	175.	2.6	1.54	12.3
%RSD	.35368	.32619	.06695	1.3923	.40343

#1	2352.5	53651.	3862.9	109.79	3051.9
#2	2364.3	53404.	3866.6	111.98	3069.4

Sample Name: PB113969BS Acquired: 10/30/2018 18:24:15 Type: Unk
Method: P4-ICP2(v2534) 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	.87098	2.0539	1.0574	2.1237	.81913	2.0386	.20568
Stddev	.00269	.0061	.0014	.0014	.00102	.0015	.00066
%RSD	.30930	.29702	.13140	.06719	.12441	.07406	.31926

#1	.87289	2.0582	1.0583	2.1227	.81985	2.0375	.20522
#2	.86908	2.0495	1.0564	2.1247	.81841	2.0397	.20615

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20827	.20433	1.0949	.43383	.20854	.33416	3.0885
Stddev	.00070	.00009	.0140	.00285	.00025	.00030	.0459
%RSD	.33546	.04261	1.2801	.65775	.12028	.08991	1.4879

#1	.20777	.20427	1.1048	.43182	.20836	.33437	3.1210
#2	.20876	.20439	1.0850	.43585	.20872	.33394	3.0560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21975	2.0129	.50509	.07919	3.0795	.31554	.22933
Stddev	.00021	.0053	.00035	.00017	.0140	.00054	.00049
%RSD	.09747	.26467	.06864	.21093	.45341	.16992	.21158

#1	.21960	2.0166	.50484	.07930	3.0696	.31592	.22967
#2	.21990	2.0091	.50533	.07907	3.0894	.31516	.22899

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.211	.43115	.31114	F -.00201	.96905	.70611	.18795
Stddev	.006	.00223	.00128	.00164	.01118	.00152	.00035
%RSD	.06193	.51815	.41186	81.533	1.1533	.21485	.18400

#1	10.206	.43273	.31024	-.00085	.97696	.70504	.18820
#2	10.215	.42957	.31205	-.00316	.96115	.70718	.18771

Sample Name: PB113969BS Acquired: 10/30/2018 18:24:15 Type: Unk
Method: P4-ICP2(v2534) 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	.20469	5.734	.21456	F 5.4116	F<.00000
Stddev	.00124	.002	.00061	.1464	.40414
%RSD	.60603	.0292	.28605	2.7056	25.640

#1	.20557	5.735	.21499	5.3080	-1.8620
#2	.20382	5.733	.21413	5.5151	-1.2904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2338.2	52695.	3766.2	107.04	2987.2
Stddev	15.7	24.	18.4	1.01	15.4
%RSD	.67018	.04507	.48755	.94685	.51400

#1	2327.2	52678.	3753.2	106.33	2976.3
#2	2349.3	52712.	3779.2	107.76	2998.0

Sample Name: PB113969TB Acquired: 10/30/2018 18:28:07 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00156	-.00034	.00047	-.00068	-.01700	.00051
Stddev	.00279	.00100	.00110	.00223	.00057	.00831	.00020
%RSD	384.17	63.764	320.26	475.68	82.940	48.897	39.221

#1	.00270	-.00086	-.00112	.00204	-.00108	-.01112	.00037
#2	-.00125	-.00227	.00043	-.00111	-.00028	-.02288	.00065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00002	.00305	-.00043	.00016	-.00025	.00478
Stddev	.00010	.00004	.00484	.00066	.00016	.00025	.00047
%RSD	83.705	186.71	158.56	153.02	101.93	98.853	9.9208

#1	.00018	.00005	.00647	.00004	.00027	-.00008	.00444
#2	.00005	-.00001	-.00037	-.00090	.00004	-.00043	.00512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01498	-.00058	.00021	.19770	.00011	-.00013
Stddev	.00000	.03475	.00074	.00005	.00930	.00010	.00003
%RSD	24.288	231.93	128.43	22.934	4.7051	87.244	23.905

#1	-.00001	.03955	-.00005	.00024	.19112	.00018	-.00011
#2	-.00002	-.00959	-.00110	.00017	.20428	.00004	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11773	-.00050	.01115	-.00106	-.00058	-.00104	-.00144
Stddev	.01002	.00020	.00028	.00091	.00183	.00063	.00007
%RSD	8.5141	40.664	2.5414	85.836	317.90	60.906	5.1184

#1	.11064	-.00064	.01135	-.00042	-.00187	-.00149	-.00150
#2	.12482	-.00036	.01095	-.00171	.00072	-.00059	-.00139

Sample Name: PB113969TB Acquired: 10/30/2018 18:28:07 Type: Unk
Method: P4-ICP2(v2534) 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	-.00046	-.0026	.00007	F 5.0490	F<.00000
Stddev	.00081	.0009	.00001	.1561	.24371
%RSD	176.34	33.86	11.953	3.0920	138.15

#1	-.00103	-.0032	.00008	5.1594	-.34874
#2	.00011	-.0019	.00006	4.9386	-.00408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.5	53500.	3804.8	107.39	3065.2
Stddev	14.6	223.	18.4	1.34	13.6
%RSD	.61886	.41690	.48421	1.2456	.44297

#1	2353.2	53342.	3791.8	106.44	3055.6
#2	2373.9	53658.	3817.8	108.33	3074.8

Sample Name: J5194-07 Acquired: 10/30/2018 18:32:12 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02077	-.01504	.85379	.03994	-.00022	103.66	.64048
Stddev	.00009	.00080	.00104	.00267	.00235	.19	.00743
%RSD	.45243	5.3408	.12136	6.6903	1080.2	.18413	1.1605

#1	.02084	-.01561	.85453	.03805	.00145	103.80	.64574
#2	.02071	-.01447	.85306	.04183	-.00188	103.53	.63522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	.00733	113.21	.25583	.11491	.38828	244.16
Stddev	.00011	.00026	.69	.00121	.00031	.00159	3.38
%RSD	3.7520	3.5936	.61370	.47459	.27151	.40929	1.3845

#1	.00292	.00714	113.70	.25669	.11513	.38940	246.55
#2	.00277	.00752	112.72	.25497	.11469	.38715	241.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0568	42.690	.19859	.00258	8.9276	.35454	.96070
Stddev	.0110	.614	.00087	.00071	.0635	.00017	.01237
%RSD	.27035	1.4382	.43593	27.590	.71155	.04712	1.2878

#1	4.0646	43.124	.19920	.00308	8.9725	.35443	.96945
#2	4.0491	42.256	.19797	.00207	8.8826	.35466	.95195

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7676	.00497	.30682	F 16.265	3.2172	.02067	2.3229
Stddev	.0850	.00040	.00460	.005	.0345	.00092	.0154
%RSD	.96911	8.1071	1.4986	.03201	1.0727	4.4466	.66488

#1	8.8276	.00469	.31007	16.269	3.2416	.02132	2.3338
#2	8.7075	.00526	.30357	16.261	3.1928	.02002	2.3120

Sample Name: J5194-07 Acquired: 10/30/2018 18:32:12 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09442	6.073	.28925	2.6120	F<.00000
Stddev	.00002	.007	.00126	.0589	.26859
%RSD	.02103	.1137	.43396	2.2533	.32978

#1	.09441	6.078	.29013	2.6537	-81.255
#2	.09444	6.068	.28836	2.5704	-81.635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.7	60477.	4592.9	104.02	2647.4
Stddev	3.5	239.	39.7	1.33	2.5
%RSD	.12964	.39464	.86403	1.2797	.09588

#1	2688.3	60308.	4564.8	103.08	2645.6
#2	2693.2	60645.	4621.0	104.96	2649.2

Sample Name: PB114267BL Acquired: 10/30/2018 18:36:04 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00105	-.00019	-.00217	-.00007	-.01006	.00052	.00008
Stddev	.00047	.00110	.00005	.00115	.00139	.00519	.00024	.00005
%RSD	45.614	104.71	23.982	52.805	2010.7	51.584	45.842	65.960

#1	.00070	-.00027	-.00016	-.00299	-.00106	-.00639	.00035	.00004
#2	.00137	-.00183	-.00023	-.00136	.00092	-.01374	.00069	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01092	-.00043	-.00003	.00039	-.00164	.00005	-.00479
Stddev	.00006	.00412	.00008	.00026	.00003	.00034	.00000	.00764
%RSD	3645.3	37.747	18.763	754.04	7.7416	20.709	9.9268	159.31

#1	-.00004	.01383	-.00049	.00015	.00037	-.00140	.00005	-.01019
#2	.00004	.00800	-.00038	-.00022	.00041	-.00188	.00005	.00061

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00031	.16080	-.00045	-.00013	.07724	-.00031	.00379
Stddev	.00023	.00011	.00216	.00040	.00003	.01493	.00013	.01040
%RSD	128.87	35.494	1.3429	89.540	21.865	19.326	43.823	274.18

#1	-.00002	.00039	.15927	-.00073	-.00015	.08780	-.00040	-.00356
#2	-.00034	.00023	.16232	-.00016	-.00011	.06669	-.00021	.01115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00512	-.00029	-.00010	-.00225	-.00134	-.0008	.00011	F 5.0350
Stddev	.00126	.00081	.00019	.00058	.00053	.0012	.00002	.1733
%RSD	24.680	274.66	185.75	25.730	39.950	140.7	16.549	3.4414

#1	.00601	.00028	.00003	-.00266	-.00096	-.0017	.00013	4.9124
#2	.00422	-.00086	-.00023	-.00184	-.00171	-.0000	.00010	5.1575

Sample Name: PB114267BL Acquired: 10/30/2018 18:36:04 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .64925
Stddev .74093
%RSD 114.12

#1 1.1732
#2 .12533

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.4	54068.	3923.9	111.10	3069.9
Stddev	3.1	86.	36.2	.17	8.6
%RSD	.13053	.15818	.92290	.15382	.27895

#1	2381.6	54008.	3949.5	111.22	3075.9
#2	2377.2	54129.	3898.3	110.98	3063.8

Sample Name: CCV04 Acquired: 10/30/2018 19:04:49 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14092 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3874	5.1114	5.3355	5.1966	5.2789	10.432	9.6868	.26094
Stddev	.0206	.0109	.0171	.0078	.0110	.064	.0112	.00013
%RSD	.38293	.21268	.32020	.15087	.20824	.61580	.11541	.04798
#1	5.4020	5.1191	5.3476	5.2021	5.2867	10.477	9.6947	.26085
#2	5.3728	5.1037	5.3234	5.1911	5.2711	10.386	9.6789	.26103
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5946	25.783	1.0764	2.6154	1.3065	4.9585	2.6257	24.504
Stddev	.0060	.035	.0034	.0047	.0003	.0415	.0010	.047
%RSD	.23171	.13671	.31871	.17995	.02490	.83632	.03983	.19086
#1	2.5988	25.808	1.0788	2.6187	1.3067	4.9878	2.6264	24.471
#2	2.5903	25.758	1.0739	2.6120	1.3062	4.9292	2.6249	24.537
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5354	1.3532	23.184	2.5733	2.7340	24.675	5.3796	4.7933
Stddev	.0062	.0043	.064	.0004	.0382	.010	.0086	.0210
%RSD	.24326	.31435	.27616	.01638	1.3976	.03908	.16018	.43870
#1	2.5398	1.3562	23.229	2.5730	2.7610	24.682	5.3857	4.8082
#2	2.5311	1.3501	23.138	2.5736	2.7069	24.668	5.3735	4.7784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1638	5.1465	5.3003	4.7736	4.8556	5.089	5.1216	F 5.9760
Stddev	.0236	.0076	.0345	.0029	.0073	.004	.0062	.1421
%RSD	.45629	.14856	.65162	.06022	.15024	.0745	.12177	2.3779
#1	5.1804	5.1411	5.3247	4.7756	4.8608	5.092	5.1260	6.0765
#2	5.1471	5.1519	5.2759	4.7715	4.8505	5.087	5.1172	5.8755

Sample Name: CCV04 Acquired: 10/30/2018 19:04:49 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14092 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.2147
Stddev	.0205
%RSD	.48733

#1	4.2001
#2	4.2292

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.9	51498.	3804.3	106.46	2789.3
Stddev	7.4	188.	8.6	1.60	10.6
%RSD	.31859	.36493	.22585	1.5006	.38123

#1	2319.7	51365.	3798.3	105.33	2781.8
#2	2330.1	51631.	3810.4	107.59	2796.8

Sample Name: CCB04 Acquired: 10/30/2018 19:08:34 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00006	-.00013	-.00256	.00050	-.02984	.00091	.00003
Stddev	.00072	.00084	.00086	.00163	.00007	.00721	.00037	.00009
%RSD	50.872	1360.0	671.74	63.700	14.612	24.154	40.495	324.52
#1	.00192	-.00066	.00048	-.00140	.00055	-.03493	.00118	-.00004
#2	.00091	.00053	-.00074	-.00371	.00045	-.02474	.00065	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00826	-.00063	.00026	.00012	-.00172	.00003	-.00436
Stddev	.00006	.00148	.00060	.00016	.00011	.00684	.00003	.01833
%RSD	79.227	17.891	94.654	62.501	94.981	396.78	94.251	420.36
#1	.00003	-.00930	-.00105	.00015	.00020	.00311	.00004	.00860
#2	.00012	-.00721	-.00021	.00038	.00004	-.00656	.00001	-.01732
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00008	.09938	-.00043	-.00074	.06544	.00015	.01111
Stddev	.00017	.00072	.00387	.00008	.00001	.01694	.00039	.00786
%RSD	74.594	868.14	3.8975	19.550	1.5401	25.881	248.88	70.726
#1	-.00011	-.00042	.09664	-.00037	-.00073	.05346	.00043	.00556
#2	-.00034	.00059	.10212	-.00049	-.00075	.07741	-.00012	.01667
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00168	.00018	-.00181	-.00057	-.0015	.00015	F 5.8468
Stddev	.00003	.00261	.00111	.00044	.00068	.0009	.00007	1.3510
%RSD	4.3215	155.91	603.65	24.202	119.75	61.51	50.956	23.106
#1	-.00081	.00017	.00097	-.00150	-.00009	-.0008	.00020	6.8021
#2	-.00076	-.00353	-.00060	-.00211	-.00105	-.0021	.00009	4.8915

Sample Name: CCB04 Acquired: 10/30/2018 19:08:34 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14092 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .56772
Stddev	.14545
%RSD	25.620

#1	.46487
#2	.67057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.5	50719.	3811.5	109.38	3091.0
Stddev	.6	4167.	31.3	.28	.8
%RSD	.02326	8.2162	.82101	.25860	.02465

#1	2405.9	47772.	3789.4	109.58	3090.5
#2	2405.1	53666.	3833.6	109.18	3091.5

Sample Name: J5194-07DUP Acquired: 10/30/2018 19:12:38 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02452	-.01298	.83969	.04237	-.00099	103.92	.62863
Stddev	.00276	.00107	.00253	.00668	.00086	1.10	.05139
%RSD	11.257	8.2186	.30086	15.771	87.188	1.0542	8.1747

#1	.02647	-.01222	.83791	.04710	-.00160	104.70	.66497
#2	.02257	-.01373	.84148	.03765	-.00038	103.15	.59229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	.00768	111.27	.25847	.11610	.39035	240.91
Stddev	.00013	.00173	8.75	.00355	.00020	.00095	17.57
%RSD	3.8303	22.481	7.8656	1.3731	.16935	.24237	7.2935

#1	.00321	.00646	117.46	.25596	.11596	.39102	253.34
#2	.00339	.00890	105.08	.26097	.11624	.38969	228.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1130	42.428	.20167	.00219	8.8599	.36381	.95466
Stddev	.0206	3.424	.00173	.00263	.7186	.00289	.05283
%RSD	.50007	8.0700	.85731	120.37	8.1109	.79442	5.5342

#1	4.0984	44.849	.20289	.00405	9.3680	.36176	.99201
#2	4.1275	40.007	.20045	.00033	8.3518	.36585	.91730

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5129	.00513	.31470	F 16.431	3.1931	.02048	2.2876
Stddev	.5965	.00008	.02533	.017	.1884	.00085	.1793
%RSD	7.0067	1.5646	8.0505	.10363	5.8997	4.1457	7.8394

#1	8.9347	.00518	.33261	16.443	3.3263	.01988	2.4144
#2	8.0911	.00507	.29678	16.419	3.0599	.02108	2.1608

Sample Name: J5194-07DUP Acquired: 10/30/2018 19:12:38 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09318	6.136	.28501	2.1298	F<.00000
Stddev	.00812	.000	.02383	.1760	.40790
%RSD	8.7097	.0062	8.3629	8.2628	.54173

#1	.09892	6.137	.30186	2.0053	-75.586
#2	.08744	6.136	.26815	2.2542	-75.009

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.2	60568.	4692.9	107.20	2648.1
Stddev	13.4	352.	299.4	6.13	7.9
%RSD	.49327	.58071	6.3794	5.7226	.29991

#1	2713.7	60817.	4481.2	102.86	2642.5
#2	2732.7	60319.	4904.6	111.54	2653.7

Sample Name: J5194-07LX5 Acquired: 10/30/2018 19:16:28 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-03A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01025	-.00299	.16465	.00775	-.00172	23.999	.15716	.00065
Stddev	.00171	.00185	.00422	.00059	.00140	.094	.00060	.00001
%RSD	16.709	61.815	2.5659	7.6196	81.295	.38974	.38431	.77955

#1	.00904	-.00429	.16763	.00733	-.00073	24.065	.15759	.00066
#2	.01146	-.00168	.16166	.00817	-.00271	23.932	.15673	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	27.947	.06157	.02219	.09377	51.824	1.0039	10.663
Stddev	.00013	.033	.00005	.00010	.00132	.492	.0034	.056
%RSD	24.484	.11652	.08246	.44762	1.4031	.95022	.33470	.52478

#1	.00060	27.970	.06153	.02226	.09470	51.476	1.0062	10.703
#2	.00042	27.924	.06160	.02212	.09284	52.172	1.0015	10.624

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03943	.00001	2.2312	.08562	.19958	2.0957	.00077	.06042
Stddev	.00074	.00012	.0270	.00032	.00147	.0330	.00036	.00165
%RSD	1.8671	818.89	1.2095	.36855	.73790	1.5722	46.651	2.7257

#1	.03995	.00010	2.2503	.08585	.20062	2.1190	.00102	.05926
#2	.03891	-.00007	2.2121	.08540	.19854	2.0724	.00052	.06158

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0912	.81020	.00331	.57368	.02247	1.166	.08139	4.2901
Stddev	.0440	.00083	.00097	.01009	.00054	.012	.00197	.1326
%RSD	1.4247	.10210	29.312	1.7579	2.3857	1.058	2.4241	3.0900

#1	3.1224	.81078	.00262	.58081	.02209	1.175	.08278	4.3839
#2	3.0601	.80961	.00400	.56655	.02285	1.158	.07999	4.1964

Sample Name: J5194-07LX5 Acquired: 10/30/2018 19:16:28 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-03A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1014
Stddev	.3656
%RSD	11.790

#1	3.3599
#2	2.8428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2486.2	55558.	3999.9	109.33	2957.6
Stddev	.7	352.	9.2	.35	4.3
%RSD	.02954	.63405	.22999	.32261	.14657

#1	2485.7	55309.	3993.4	109.58	2954.5
#2	2486.7	55807.	4006.4	109.08	2960.6

Sample Name: J5194-07MS Acquired: 10/30/2018 19:20:25 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88662	2.4060	2.0883	2.0942	.86381	105.66	.84955
Stddev	.00045	.0075	.0024	.0175	.00244	.25	.00279
%RSD	.05096	.31290	.11655	.83767	.28266	.23276	.32874

#1	.88630	2.4113	2.0865	2.1066	.86553	105.83	.85153
#2	.88694	2.4006	2.0900	2.0818	.86208	105.48	.84758

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22022	.25643	115.70	.68119	.37116	.69455	253.53
Stddev	.00021	.00143	.44	.00036	.00067	.00285	6.10
%RSD	.09374	.55817	.37992	.05221	.18170	.41098	2.4064

#1	.22037	.25744	115.38	.68144	.37164	.69656	249.22
#2	.22007	.25542	116.01	.68094	.37069	.69253	257.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2557	45.741	.82044	.08329	12.084	.67025	1.2479
Stddev	.0111	.163	.00179	.00094	.005	.00109	.0346
%RSD	.26165	.35553	.21826	1.1246	.04134	.16226	2.7757

#1	4.2479	45.626	.82170	.08263	12.088	.67101	1.2234
#2	4.2636	45.856	.81917	.08396	12.081	.66948	1.2724

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.209	.44676	.62333	F 16.191	4.2254	.94070	2.5607
Stddev	.027	.00028	.00715	.025	.0337	.00046	.0042
%RSD	.14194	.06325	1.1479	.15263	.79813	.04882	.16362

#1	19.228	.44696	.61827	16.208	4.2015	.94038	2.5637
#2	19.189	.44656	.62839	16.173	4.2492	.94103	2.5578

Sample Name: J5194-07MS Acquired: 10/30/2018 19:20:25 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30589	F 13.21	.50478	2.4456	F<.00000
Stddev	.00097	.02	.00589	.0110	.03328
%RSD	.31690	.1848	1.1664	.44845	.04273

#1	.30521	13.23	.50894	2.4378	-77.916
#2	.30658	13.20	.50062	2.4533	-77.868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.3	59950.	4470.1	101.74	2634.6
Stddev	11.4	60.	15.3	2.62	12.1
%RSD	.42130	.09941	.34167	2.5765	.45876

#1	2698.2	59908.	4480.9	103.59	2626.0
#2	2714.3	59992.	4459.3	99.882	2643.1

Sample Name: J5194-07MSD Acquired: 10/30/2018 19:24:10 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88809	2.4322	2.1074	2.1081	.86755	107.67	.85008
Stddev	.00691	.0262	.0195	.0066	.00747	.58	.00361
%RSD	.77807	1.0782	.92519	.31283	.86058	.53652	.42413

#1	.89297	2.4508	2.1212	2.1127	.87283	108.08	.84753
#2	.88320	2.4137	2.0937	2.1034	.86227	107.26	.85263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22470	.25937	116.23	.69339	.37501	.69958	253.63
Stddev	.00259	.00199	.04	.00708	.00357	.00431	1.52
%RSD	1.1536	.76560	.03022	1.0204	.95089	.61587	.60070

#1	.22653	.26078	116.21	.69839	.37753	.70262	254.71
#2	.22287	.25797	116.26	.68839	.37249	.69653	252.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3321	45.625	.82870	.08431	12.091	.68227	1.2490
Stddev	.0340	.233	.00588	.00035	.027	.00658	.0088
%RSD	.78560	.51109	.70982	.41340	.22668	.96400	.70516

#1	4.3562	45.460	.83286	.08406	12.072	.68692	1.2552
#2	4.3080	45.789	.82454	.08455	12.110	.67762	1.2427

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.218	.45102	.62698	F 16.291	4.2511	.94987	2.5723
Stddev	.055	.00232	.00653	.159	.0042	.00964	.0058
%RSD	.28841	.51468	1.0421	.97512	.09774	1.0144	.22717

#1	19.179	.45266	.62236	16.404	4.2540	.95669	2.5764
#2	19.257	.44938	.63160	16.179	4.2481	.94306	2.5682

Sample Name: J5194-07MSD Acquired: 10/30/2018 19:24:10 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30999	F 13.36	.50937	2.7107	F<.00000
Stddev	.00192	.13	.00262	.1365	.75208
%RSD	.61966	1.006	.51368	5.0349	.96439

#1	.30864	13.46	.50752	2.8072	-78.517
#2	.31135	13.27	.51122	2.6142	-77.453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.1	59158.	4476.4	101.82	2614.3
Stddev	17.9	294.	12.8	.54	24.5
%RSD	.66385	.49781	.28624	.52754	.93750

#1	2683.4	58950.	4485.5	101.44	2597.0
#2	2708.7	59366.	4467.3	102.20	2631.7

Sample Name: J5194-07A Acquired: 10/30/2018 19:27:54 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-03B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87623	2.3979	2.0761	2.0833	.86162	105.98	.85299
Stddev	.00447	.0117	.0106	.0093	.00744	.63	.00211
%RSD	.51036	.48857	.51066	.44714	.86315	.59677	.24701

#1	.87939	2.4062	2.0836	2.0899	.86688	106.43	.85448
#2	.87307	2.3896	2.0686	2.0768	.85636	105.53	.85150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22115	.25494	115.95	.68541	.36807	.69082	252.38
Stddev	.00151	.00098	.24	.00267	.00115	.00220	1.25
%RSD	.68407	.38414	.21043	.38912	.31322	.31874	.49344

#1	.22222	.25563	116.12	.68729	.36889	.68926	253.26
#2	.22008	.25425	115.78	.68352	.36726	.69237	251.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2793	45.778	.81720	.08325	12.131	.67534	1.2398
Stddev	.0244	.337	.00170	.00044	.019	.00671	.0073
%RSD	.56899	.73684	.20777	.53068	.15502	.99349	.59286

#1	4.2965	46.016	.81840	.08294	12.144	.68008	1.2450
#2	4.2621	45.539	.81600	.08356	12.117	.67059	1.2346

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.268	.44599	.62431	F 16.021	4.2411	.93302	2.5662
Stddev	.074	.00036	.00129	.078	.0190	.00779	.0057
%RSD	.38447	.08075	.20693	.48556	.44849	.83516	.22078

#1	19.320	.44625	.62340	16.076	4.2546	.93853	2.5702
#2	19.215	.44574	.62522	15.966	4.2277	.92751	2.5622

Sample Name: J5194-07A Acquired: 10/30/2018 19:27:54 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-03B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30678	F 13.11	.50715	2.5399	F<.00000
Stddev	.00008	.07	.00030	.1586	.94080
%RSD	.02729	.5646	.05988	6.2435	1.2008

#1	.30672	13.16	.50693	2.6521	-79.010
#2	.30683	13.06	.50736	2.4278	-77.679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.5	59653.	4455.4	102.19	2647.4
Stddev	10.6	504.	22.1	.63	15.5
%RSD	.39159	.84570	.49495	.61211	.58731

#1	2711.0	59296.	4439.8	101.75	2636.4
#2	2726.1	60009.	4471.0	102.64	2658.4

Sample Name: J5194-09 Acquired: 10/30/2018 19:31:38 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03826	-.01756	6.4540	.05593	.00202	139.41	.91098
Stddev	.00113	.00089	.0396	.00005	.00039	.73	.00081
%RSD	2.9597	5.0563	.61355	.08724	19.251	.52496	.08880

#1	.03906	-.01693	6.4820	.05590	.00229	138.90	.91156
#2	.03746	-.01819	6.4260	.05597	.00174	139.93	.91041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00357	.01064	189.14	.30183	.17554	.87599	319.80
Stddev	.00016	.00073	.26	.00013	.00039	.00231	4.53
%RSD	4.5955	6.8431	.13496	.04430	.22167	.26342	1.4152

#1	.00345	.01115	188.96	.30192	.17581	.87762	316.60
#2	.00369	.01012	189.32	.30173	.17526	.87436	323.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8336	103.59	.49704	.00356	15.221	.47054	1.6236
Stddev	.0050	.12	.00177	.00061	.012	.00148	.0198
%RSD	.10375	.11418	.35531	17.041	.07794	.31542	1.2187

#1	4.8300	103.67	.49829	.00313	15.230	.47159	1.6096
#2	4.8371	103.50	.49579	.00399	15.213	.46949	1.6376

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5349	.00574	.52713	7.5501	1.5153	.09570	4.2117
Stddev	.0221	.00035	.00844	.0386	.0043	.00192	.0029
%RSD	.25926	6.0295	1.6009	.51160	.28685	2.0078	.06983

#1	8.5193	.00598	.52116	7.5774	1.5183	.09706	4.2138
#2	8.5506	.00549	.53309	7.5228	1.5122	.09434	4.2096

Sample Name: J5194-09 Acquired: 10/30/2018 19:31:38 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14882	6.868	.31039	2.3407	F<.00000
Stddev	.00134	.036	.00451	.0218	.92278
%RSD	.89828	.5202	1.4546	.93069	.81573

#1	.14977	6.893	.31358	2.3253	-113.78
#2	.14788	6.843	.30719	2.3561	-112.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.3	58360.	4389.8	100.81	2540.9
Stddev	7.7	73.	12.7	1.16	12.1
%RSD	.29261	.12471	.28848	1.1541	.47569

#1	2633.8	58412.	4380.9	101.63	2532.4
#2	2644.7	58309.	4398.8	99.987	2549.4

Sample Name: J5194-11 Acquired: 10/30/2018 19:35:34 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02990	-.01222	.81737	.03857	-.00134	95.509	.71350
Stddev	.00126	.00039	.01561	.00159	.00158	1.442	.00084
%RSD	4.2104	3.1705	1.9098	4.1096	118.22	1.5099	.11706

#1	.02901	-.01250	.80633	.03745	-.00022	94.489	.71291
#2	.03079	-.01195	.82841	.03970	-.00246	96.528	.71409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	.00549	126.87	.23251	.11461	.48741	224.96
Stddev	.00024	.00010	.14	.00306	.00266	.00853	5.30
%RSD	6.6368	1.9039	.11106	1.3161	2.3201	1.7502	2.3582

#1	.00347	.00542	126.97	.23035	.11273	.48138	221.21
#2	.00382	.00557	126.77	.23468	.11649	.49344	228.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6536	58.493	.33205	.00257	5.7616	.32601	1.0677
Stddev	.0505	.250	.00827	.00019	.0165	.00509	.0282
%RSD	1.3813	.42779	2.4900	7.3188	.28636	1.5609	2.6408

#1	3.6179	58.670	.32621	.00244	5.7499	.32241	1.0478
#2	3.6892	58.316	.33790	.00271	5.7732	.32960	1.0877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8726	.00842	.30629	6.4594	2.1705	.04086	2.9442
Stddev	.0060	.00057	.00043	.1296	.0044	.00040	.0020
%RSD	.06735	6.7493	.13890	2.0069	.20102	.97593	.06931

#1	8.8684	.00802	.30599	6.3678	2.1735	.04058	2.9428
#2	8.8768	.00882	.30659	6.5511	2.1674	.04114	2.9457

Sample Name: J5194-11 Acquired: 10/30/2018 19:35:34 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-102618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11745	6.606	.21697	2.4484	F<.00000
Stddev	.00061	.156	.00608	.2554	2.1953
%RSD	.51991	2.367	2.7999	10.430	3.5483

#1	.11789	6.496	.22127	2.2678	-60.318
#2	.11702	6.717	.21267	2.6289	-63.422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.3	60007.	4589.3	104.62	2700.3
Stddev	38.9	824.	4.2	2.28	47.5
%RSD	1.4167	1.3738	.09150	2.1752	1.7606

#1	2774.8	60590.	4586.4	106.23	2733.9
#2	2719.8	59424.	4592.3	103.01	2666.6

Sample Name: J5665-01 Acquired: 10/30/2018 19:39:26 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-06A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05998	-.01132	.21549	.05990	.00021	199.60	.68026
Stddev	.00483	.00344	.00048	.00041	.00022	.24	.00733
%RSD	8.0483	30.388	.22492	.69089	102.65	.11936	1.0777

#1	.05657	-.00889	.21515	.05961	.00037	199.77	.67508
#2	.06340	-.01375	.21584	.06020	.00006	199.43	.68545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	.00348	21.180	.46135	.09407	.25872	359.13
Stddev	.00026	.00062	.138	.00485	.00037	.00211	3.26
%RSD	3.8408	17.738	.65331	1.0506	.38977	.81712	.90839

#1	.00648	.00392	21.082	.46478	.09381	.25722	356.82
#2	.00684	.00305	21.278	.45792	.09433	.26021	361.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83974	48.424	.19945	-.00355	2.8791	.74288	.57544
Stddev	.00878	.376	.00098	.00049	.0423	.00620	.00363
%RSD	1.0458	.77682	.49091	13.824	1.4697	.83421	.63036

#1	.84595	48.158	.19876	-.00390	2.8491	.74727	.57288
#2	.83353	48.690	.20014	-.00320	2.9090	.73850	.57801

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5309	.01077	.28629	1.7695	1.2327	.01470	.59924
Stddev	.0726	.00020	.01155	.0008	.0099	.00220	.00010
%RSD	1.3134	1.8187	4.0349	.04271	.80560	14.962	.01677

#1	5.4795	.01090	.27812	1.7690	1.2257	.01625	.59931
#2	5.5823	.01063	.29445	1.7701	1.2397	.01314	.59917

Sample Name: J5665-01 Acquired: 10/30/2018 19:39:26 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-06A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29346	1.555	-.22267	2.3467	F<.00000
Stddev	.00007	.009	.00310	.0436	1.7369
%RSD	.02303	.5461	1.3904	1.8576	1.1807

#1	.29341	1.549	-.22049	2.3775	-145.87
#2	.29351	1.561	-.22486	2.3158	-148.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.4	56577.	4233.5	102.85	2684.5
Stddev	2.4	510.	16.8	.68	4.1
%RSD	.09005	.90223	.39648	.66145	.15251

#1	2619.0	56216.	4245.4	103.33	2687.4
#2	2615.7	56938.	4221.7	102.36	2681.6

Sample Name: J5665-02 Acquired: 10/30/2018 19:43:26 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-06B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02694	-.04233	.08663	.17167	-.00037	328.13	1.2421	.02586
Stddev	.00339	.00333	.00245	.00037	.00077	1.38	.0052	.00030
%RSD	12.570	7.8701	2.8338	.21295	206.64	.42112	.41444	1.1683
#1	.02454	-.04469	.08836	.17193	.00017	329.10	1.2457	.02564
#2	.02933	-.03998	.08489	.17141	-.00092	327.15	1.2384	.02607
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02070	12.079	.82361	.52897	.58138	873.23	2.3187	236.93
Stddev	.00073	.083	.00121	.00036	.00084	4.59	.0024	.20
%RSD	3.5272	.68882	.14654	.06792	.14459	.52554	.10426	.08231
#1	.02122	12.020	.82275	.52923	.58078	869.98	2.3204	237.07
#2	.02019	12.138	.82446	.52872	.58197	876.47	2.3170	236.79
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0155	.02230	3.0821	1.3549	2.4665	3.8611	.01481	.83463
Stddev	.0000	.00027	.0076	.0044	.0298	.0081	.00025	.00573
%RSD	.00273	1.2232	.24741	.32570	1.2078	.21087	1.6788	.68637
#1	1.0155	.02211	3.0875	1.3581	2.4455	3.8553	.01499	.83058
#2	1.0155	.02250	3.0768	1.3518	2.4876	3.8668	.01463	.83868
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4648	1.0028	.02416	.21089	1.1443	4.885	-.72678	<.00000
Stddev	.0196	.0083	.00212	.00303	.0034	.005	.00474	.09603
%RSD	.56452	.82724	8.7620	1.4358	.30162	.0953	.65256	2.4172
#1	3.4509	1.0087	.02267	.21303	1.1467	4.882	-.72342	-4.0406
#2	3.4786	.99696	.02566	.20875	1.1419	4.888	-.73013	-3.9048

Sample Name: J5665-02 Acquired: 10/30/2018 19:43:26 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-06B Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3262.8	71458.	5534.0	93.787	2372.0
Stddev	3.8	103.	21.0	.929	10.8
%RSD	.11504	.14476	.37889	.99026	.45650
#1	3260.1	71385.	5548.8	94.443	2364.3
#2	3265.4	71531.	5519.2	93.130	2379.6

Sample Name: J5665-03 Acquired: 10/30/2018 19:47:24 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-07A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22538	-.00833	.19801	.08316	.00307	41.605	.83973
Stddev	.00141	.00180	.00044	.00375	.00301	.130	.01319
%RSD	.62689	21.627	.22334	4.5079	97.846	.31246	1.5710

#1	.22438	-.00960	.19833	.08581	.00095	41.696	.83040
#2	.22638	-.00705	.19770	.08051	.00520	41.513	.84906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	.00252	7.6973	.15848	.06168	.55227	412.87
Stddev	.00010	.00003	.1435	.00145	.00038	.00340	.58
%RSD	3.2338	1.0899	1.8647	.91557	.61949	.61633	.14063

#1	.00309	.00254	7.5959	.15951	.06195	.55468	413.28
#2	.00323	.00250	7.7988	.15746	.06141	.54986	412.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1498	8.4448	.11737	-.00277	.59145	.27132	.20473
Stddev	.0080	.1332	.00081	.00029	.01125	.00250	.00135
%RSD	.69297	1.5773	.68707	10.637	1.9021	.91975	.65814

#1	1.1555	8.3507	.11680	-.00298	.58349	.27309	.20568
#2	1.1442	8.5390	.11794	-.00256	.59940	.26956	.20378

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2366	.03789	.34134	F 20.917	1.1384	.02632	2.5013
Stddev	.0721	.00094	.00889	.027	.0009	.00021	.0437
%RSD	1.7010	2.4804	2.6033	.12874	.07658	.78842	1.7450

#1	4.1857	.03856	.34763	20.936	1.1390	.02646	2.4705
#2	4.2876	.03723	.33506	20.898	1.1378	.02617	2.5322

Sample Name: J5665-03 Acquired: 10/30/2018 19:47:24 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-07A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04961	4.880	-.19115	2.6958	F<.00000
Stddev	.00198	.015	.00421	.0194	1.8248
%RSD	3.9887	.2980	2.2049	.72149	1.1202

#1	.04821	4.890	-.19413	2.6821	-161.61
#2	.05101	4.869	-.18817	2.7096	-164.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.8	54351.	3993.6	102.71	2794.1
Stddev	13.3	234.	34.3	.99	15.4
%RSD	.53633	.43032	.85808	.96265	.55100

#1	2463.5	54186.	4017.8	102.01	2783.2
#2	2482.2	54516.	3969.4	103.41	2805.0

Sample Name: CCV05 Acquired: 10/30/2018 19:51:19 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-01B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2154	5.0436	5.2019	5.0893	5.1324	10.496	9.6682	.25944
Stddev	.0093	.0088	.0078	.0130	.0046	.122	.1212	.00208
%RSD	.17858	.17486	.14955	.25469	.08907	1.1598	1.2538	.80354
#1	5.2088	5.0498	5.2074	5.0801	5.1292	10.583	9.7540	.26091
#2	5.2220	5.0373	5.1964	5.0985	5.1356	10.410	9.5825	.25796
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5444	25.833	1.0760	2.5562	1.2827	5.0711	2.6164	24.719
Stddev	.0064	.338	.0088	.0016	.0012	.0241	.0163	.232
%RSD	.25289	1.3086	.81859	.06269	.09098	.47508	.62228	.93826
#1	2.5490	26.072	1.0823	2.5573	1.2819	5.0881	2.6279	24.883
#2	2.5399	25.594	1.0698	2.5550	1.2835	5.0541	2.6049	24.555
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5025	1.3392	23.297	2.5609	2.6962	24.369	5.2286	4.9037
Stddev	.0077	.0115	.240	.0168	.0340	.227	.0110	.0077
%RSD	.30854	.85553	1.0286	.65772	1.2601	.92991	.21065	.15701
#1	2.5080	1.3473	23.467	2.5728	2.7202	24.529	5.2208	4.9091
#2	2.4971	1.3311	23.128	2.5490	2.6722	24.208	5.2364	4.8982
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0309	5.0523	5.1695	4.8297	4.8560	5.009	5.1022	F 5.5755
Stddev	.0055	.0716	.0071	.0248	.0560	.013	.0488	.0404
%RSD	.10910	1.4167	.13791	.51302	1.1530	.2640	.95710	.72447
#1	5.0271	5.1029	5.1745	4.8472	4.8956	5.018	5.1367	5.6041
#2	5.0348	5.0017	5.1645	4.8122	4.8164	4.999	5.0676	5.5469

Sample Name: CCV05 Acquired: 10/30/2018 19:51:19 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-01B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.1492
Stddev	.2806
%RSD	6.7624

#1	4.3476
#2	3.9508

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.8	51727.	3835.0	107.19	2846.1
Stddev	1.4	296.	42.8	1.55	13.0
%RSD	.06059	.57217	1.1173	1.4477	.45815

#1	2380.8	51518.	3804.7	106.09	2836.9
#2	2382.8	51937.	3865.3	108.29	2855.3

Sample Name: CCB05 Acquired: 10/30/2018 19:55:04 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A0C1-02B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00004	.00063	-.00324	-.00044	-.00988	.00073	.00009
Stddev	.00162	.00116	.00092	.00219	.00060	.01234	.00046	.00007
%RSD	212.37	2592.7	144.92	67.588	136.19	124.92	62.156	76.393
#1	-.00038	-.00087	.00128	-.00169	-.00087	-.00115	.00041	.00004
#2	.00191	.00078	-.00002	-.00479	-.00002	-.01860	.00105	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00051	-.00026	.00003	.00014	-.00207	-.00002	.01639
Stddev	.00006	.01145	.00026	.00029	.00049	.00748	.00000	.00313
%RSD	495.29	2240.6	98.588	1048.7	342.83	361.49	23.574	19.100
#1	.00005	-.00860	-.00044	.00024	-.00020	-.00736	-.00002	.01417
#2	-.00003	.00758	-.00008	-.00018	.00049	.00322	-.00002	.01860
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.00075	.02277	.00033	-.00066	.02837	.00012	.01302
Stddev	.00008	.00005	.00851	.00005	.00001	.02826	.00002	.00012
%RSD	28.892	7.3785	37.402	13.999	1.2134	99.589	19.130	.90640
#1	-.00032	.00078	.01675	.00030	-.00066	.00839	.00013	.01294
#2	-.00021	.00071	.02879	.00037	-.00065	.04836	.00010	.01311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00394	-.00069	-.00105	.00002	-.0007	.00002	F 4.7418
Stddev	.00368	.00157	.00035	.00056	.00005	.0005	.00002	.1046
%RSD	145.03	39.760	50.524	53.505	308.17	74.66	124.57	2.2064
#1	-.00006	-.00505	-.00045	-.00145	-.00002	-.0003	.00000	4.8158
#2	.00514	-.00284	-.00094	-.00066	.00005	-.0010	.00004	4.6678

Sample Name: CCB05 Acquired: 10/30/2018 19:55:04 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A0C1-02B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .71040
Stddev	.55589
%RSD	78.250

#1	.31733
#2	1.1035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.3	53559.	3821.5	110.13	3127.0
Stddev	7.4	208.	53.5	1.24	3.3
%RSD	.30284	.38890	1.3987	1.1237	.10489

#1	2446.1	53412.	3859.3	111.00	3124.7
#2	2456.6	53706.	3783.8	109.25	3129.3

Sample Name: J5665-04 Acquired: 10/30/2018 19:59:10 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-07B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5729	-.04000	.72897	.31507	-.00140	343.29	.58799	.01595
Stddev	.0207	.00059	.00191	.00438	.00205	1.70	.00883	.00006
%RSD	1.3136	1.4751	.26139	1.3895	146.24	.49495	1.5026	.37638

#1	1.5583	-.04042	.73031	.31197	-.00286	344.49	.58174	.01599
#2	1.5875	-.03959	.72762	.31816	.00005	342.09	.59423	.01591

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03136	28.901	.99219	.34742	2.3232	F 1015.3	1.8453	296.58
Stddev	.00122	.519	.00326	.00078	.0083	13.7	.0030	5.52
%RSD	3.8769	1.7971	.32895	.22312	.35801	1.3525	.16266	1.8615

#1	.03222	28.534	.99450	.34688	2.3173	1005.6	1.8474	292.67
#2	.03050	29.269	.98988	.34797	2.3291	1025.0	1.8432	300.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86998	.02329	2.4736	3.3132	3.2887	14.950	.05140	.93618
Stddev	.00165	.00223	.0420	.0117	.0448	.225	.00036	.02017
%RSD	.18988	9.5702	1.6965	.35400	1.3614	1.5068	.70463	2.1550

#1	.86881	.02171	2.4439	3.3215	3.2571	14.790	.05115	.92191
#2	.87115	.02486	2.5033	3.3049	3.3204	15.109	.05166	.95044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.24	.75222	-.01059	1.0446	1.2289	F 12.84	-.80955	<.00000
Stddev	.12	.02659	.00120	.0079	.0193	.02	.01046	.02084
%RSD	.11546	3.5348	11.335	.75507	1.5678	.1904	1.2923	.76149

#1	105.33	.73341	-.00974	1.0390	1.2153	12.82	-.80216	-2.7225
#2	105.16	.77102	-.01144	1.0502	1.2425	12.85	-.81695	-2.7520

Sample Name: J5665-04 Acquired: 10/30/2018 19:59:10 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-07B Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.8	63503.	4921.4	91.091	2327.9
Stddev	13.0	375.	71.4	1.083	5.0
%RSD	.44363	.59045	1.4503	1.1888	.21321
#1	2935.0	63238.	4971.9	91.856	2324.4
#2	2916.7	63769.	4870.9	90.325	2331.4

Sample Name: J5665-05 Acquired: 10/30/2018 20:03:07 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-08A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5997	-.05087	.51361	.36432	.01127	103.58	.64343
Stddev	.0045	.00073	.01966	.01508	.00024	.41	.00892
%RSD	.17131	1.4421	3.8272	4.1402	2.1121	.39189	1.3860

#1	2.5966	-.05139	.52751	.35365	.01144	103.29	.63712
#2	2.6029	-.05035	.49971	.37499	.01110	103.86	.64974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01762	.04198	-.67011	.10936	.48826	.78697	F 1900.2
Stddev	.00032	.00846	.10685	.00009	.00139	.00671	67.3
%RSD	1.8388	20.151	15.945	.07920	.28422	.85209	3.5412

#1	.01739	.04796	-.59455	.10942	.48924	.79171	1852.6
#2	.01785	.03600	-.74566	.10929	.48728	.78223	1947.7

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.145	16.381	.57727	.02246	1.2648	.30561	6.1045
Stddev	.018	.225	.00114	.00452	.0345	.00123	.2367
%RSD	.08981	1.3717	.19675	20.133	2.7256	.40357	3.8781

#1	20.132	16.222	.57647	.01926	1.2404	.30473	5.9371
#2	20.158	16.540	.57807	.02566	1.2892	.30648	6.2719

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9779	-.00178	1.6209	F 13.377	1.4308	.02628	.09327
Stddev	.0730	.00046	.0832	.079	.0338	.00035	.00027
%RSD	1.8349	26.043	5.1322	.59150	2.3658	1.3344	.28635

#1	3.9263	-.00145	1.5621	13.321	1.4069	.02653	.09308
#2	4.0295	-.00210	1.6797	13.433	1.4548	.02603	.09346

Sample Name: J5665-05 Acquired: 10/30/2018 20:03:07 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-08A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06315	F 21.39	F -2.0367	<.00000	^ *****
Stddev	.00099	.01	.0726	.05864	-----
%RSD	1.5685	.0512	3.5658	1.0440	-----

#1	.06245	21.38	-1.9853	-5.6582	^ -----
#2	.06385	21.39	-2.0880	-5.5753	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.7	59739.	4464.8	87.296	2352.7
Stddev	6.8	66.	57.4	3.315	.4
%RSD	.24778	.11093	1.2854	3.7968	.01533

#1	2747.9	59786.	4505.3	89.640	2352.5
#2	2757.5	59692.	4424.2	84.953	2353.0

Sample Name: J5665-06 Acquired: 10/30/2018 20:07:08 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-08B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0277	-.05881	.04915	.27017	.00666	404.26	1.1395
Stddev	.0041	.00100	.00098	.00873	.00116	1.62	.0062
%RSD	.39621	1.6996	1.9846	3.2310	17.351	.39972	.54733

#1	1.0249	-.05810	.04984	.26400	.00584	403.12	1.1351
#2	1.0306	-.05952	.04846	.27634	.00748	405.40	1.1439

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03283	.04282	41.796	.84900	.95848	1.0497	F 1322.5
Stddev	.00008	.00122	.042	.00272	.00120	.0015	11.7
%RSD	.23407	2.8605	.10104	.31982	.12547	.14772	.88110

#1	.03289	.04368	41.766	.84708	.95763	1.0508	1314.2
#2	.03278	.04195	41.826	.85092	.95933	1.0486	1330.7

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.052	97.278	1.7197	.04291	1.7649	.91938	4.7019
Stddev	.018	.565	.0061	.00106	.0167	.00320	.0439
%RSD	.14683	.58035	.35476	2.4632	.94493	.34832	.93281

#1	12.040	96.878	1.7154	.04216	1.7531	.91711	4.6709
#2	12.065	97.677	1.7240	.04366	1.7767	.92164	4.7329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.605	-.00648	1.3257	F 10.587	1.2457	.02946	1.2490
Stddev	.052	.00047	.0140	.039	.0060	.00115	.0069
%RSD	.33378	7.3231	1.0582	.36594	.48422	3.8890	.55130

#1	15.568	-.00614	1.3158	10.559	1.2414	.03027	1.2442
#2	15.642	-.00681	1.3356	10.614	1.2499	.02865	1.2539

Sample Name: J5665-06 Acquired: 10/30/2018 20:07:08 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-08B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26961	F 17.26	F -1.0981	<.00000	^ *****
Stddev	.00162	.02	.0124	.18274	-----
%RSD	.60057	.1272	1.1329	2.5689	-----

#1	.26846	17.25	-1.0893	-7.2427	^ -----
#2	.27075	17.28	-1.1069	-6.9842	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.1	73508.	5675.7	89.735	2293.2
Stddev	9.7	84.	4.5	.866	1.1
%RSD	.28549	.11425	.07965	.96491	.04742

#1	3406.2	73567.	5678.9	90.347	2293.9
#2	3419.9	73449.	5672.5	89.123	2292.4

Sample Name: J5697-01 Acquired: 10/30/2018 20:11:15 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CHRT-58-66-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01964	-.02465	.16451	.15562	.00046	83.176	.84066
Stddev	.00298	.00322	.01226	.00961	.00100	.090	.00798
%RSD	15.184	13.059	7.4503	6.1730	219.46	.10772	.94981

#1	.01753	-.02692	.17317	.14883	.00117	83.113	.83501
#2	.02175	-.02237	.15584	.16241	-.00025	83.240	.84630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00936	.00860	19.287	.19064	.23073	.31409	820.31
Stddev	.00020	.00368	.235	.00109	.00163	.00402	29.30
%RSD	2.1309	42.824	1.2188	.57328	.70577	1.2791	3.5723

#1	.00951	.01120	19.120	.19141	.23188	.31693	799.58
#2	.00922	.00599	19.453	.18987	.22958	.31125	841.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.341	38.353	.24023	.00491	1.1439	.33173	1.9697
Stddev	.021	.546	.00148	.00378	.0128	.00230	.0722
%RSD	.11627	1.4232	.61499	77.114	1.1227	.69199	3.6638

#1	18.326	37.967	.24128	.00223	1.1348	.33335	1.9187
#2	18.356	38.739	.23919	.00758	1.1530	.33011	2.0208

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.691	-.00032	.67794	1.3622	1.2507	.04579	2.5815
Stddev	.172	.00017	.04757	.0042	.0252	.00181	.0286
%RSD	.97264	53.577	7.0173	.30753	2.0125	3.9426	1.1098

#1	17.569	-.00020	.64430	1.3592	1.2329	.04451	2.5613
#2	17.813	-.00044	.71158	1.3652	1.2685	.04706	2.6018

Sample Name: J5697-01 Acquired: 10/30/2018 20:11:15 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CHRT-58-66-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12821	7.354	-.74780	<.00000	F<.00000
Stddev	.00061	.025	.03040	.04420	.15676
%RSD	.47460	.3424	4.0657	14.999	.03804

#1	.12778	7.371	-.72630	-.32597	-411.94
#2	.12864	7.336	-.76930	-.26345	-412.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.2	58323.	4281.8	96.854	2628.2
Stddev	22.8	47.	38.9	3.468	23.7
%RSD	.84635	.07987	.90864	3.5804	.90190

#1	2672.1	58356.	4309.3	99.306	2611.4
#2	2704.2	58290.	4254.3	94.402	2644.9

Sample Name: J5655-01 Acquired: 10/30/2018 20:15:11 Type: Unk
Method: P4-ICP2(v2534) 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	.00169	-.00238	.00067	.00102	-.00105	.05618	.00866	.00001
Stddev	.00406	.00092	.00007	.00032	.00167	.01063	.00034	.00002
%RSD	240.04	38.506	9.7919	31.487	158.66	18.920	3.9262	283.91

#1	-.00118	-.00174	.00071	.00080	.00013	.04867	.00890	-.00001
#2	.00456	-.00303	.00062	.00125	-.00223	.06370	.00842	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	3.4271	.00056	.00003	-.00066	.01323	.02800	1.0107
Stddev	.00001	.0632	.00022	.00009	.00033	.00945	.00040	.0138
%RSD	35.013	1.8453	38.590	327.61	50.622	71.405	1.4124	1.3640

#1	-.00004	3.3824	.00041	-.00003	-.00042	.00655	.02772	1.0205
#2	-.00002	3.4718	.00071	.00009	-.00090	.01991	.02828	1.0010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00021	4.7500	-.00030	.01136	1.1974	.00011	.01359
Stddev	.00050	.00051	.0684	.00043	.00029	.0321	.00038	.00262
%RSD	603.35	239.25	1.4407	141.70	2.5356	2.6788	349.25	19.256

#1	-.00044	.00057	4.7016	.00000	.01116	1.1747	-.00016	.01544
#2	.00027	-.00015	4.7984	-.00060	.01157	1.2201	.00038	.01174

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7374	7.1996	-.00179	.00001	-.00143	.0098	.04733	4.8136
Stddev	.0045	.0217	.00048	.00144	.00038	.0023	.00018	.0559
%RSD	.16379	.30084	27.021	13608.	26.361	23.92	.38003	1.1604

#1	2.7406	7.2149	-.00144	.00103	-.00170	.0081	.04720	4.8531
#2	2.7343	7.1843	-.00213	-.00101	-.00117	.0114	.04746	4.7741

Sample Name: J5655-01 Acquired: 10/30/2018 20:15:11 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1540
Stddev .2083
%RSD 18.051

#1 1.0067
#2 1.3013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.6	52368.	3745.1	106.62	3039.6
Stddev	1.6	93.	22.5	.97	4.3
%RSD	.06941	.17688	.60101	.90641	.13995

#1	2362.5	52433.	3729.2	107.30	3036.6
#2	2364.8	52302.	3761.0	105.93	3042.6

Sample Name: J5655-01DUP Acquired: 10/30/2018 20:19:14 Type: Unk
Method: P4-ICP2(v2534) 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	.00015	-.00309	.00002	.00056	-.00064	.05513	.00887	.00005
Stddev	.00147	.00016	.00031	.00194	.00025	.00233	.00042	.00000
%RSD	954.98	5.3319	1395.8	347.08	38.677	4.2203	4.7265	.98951

#1	.00119	-.00321	-.00020	.00193	-.00046	.05678	.00857	.00005
#2	-.00089	-.00297	.00024	-.00081	-.00081	.05349	.00917	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	3.4462	.00063	.00023	-.00035	.00924	.02761	.97666
Stddev	.00008	.0099	.00040	.00011	.00007	.01073	.00027	.03332
%RSD	3762.1	.28731	63.482	47.907	20.959	116.15	.99555	3.4112

#1	.00005	3.4392	.00091	.00030	-.00030	.00165	.02781	.95310
#2	-.00006	3.4532	.00035	.00015	-.00041	.01683	.02742	1.0002

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.00044	4.7796	-.00002	.01150	1.2404	.00019	.01414
Stddev	.00002	.00022	.0117	.00011	.00012	.0214	.00004	.00109
%RSD	5.9574	49.592	.24503	534.70	1.0297	1.7209	21.534	7.6792

#1	-.00043	.00059	4.7879	.00005	.01158	1.2555	.00017	.01337
#2	-.00039	.00029	4.7714	-.00009	.01141	1.2253	.00022	.01491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7440	7.2644	-.00122	-.00020	-.00112	.0091	.04748	4.6514
Stddev	.0177	.0591	.00032	.00038	.00032	.0005	.00030	.1411
%RSD	.64492	.81325	26.576	189.79	28.654	5.812	.63634	3.0331

#1	2.7315	7.2227	-.00099	.00007	-.00134	.0087	.04769	4.7512
#2	2.7565	7.3062	-.00145	-.00047	-.00089	.0095	.04726	4.5516

Sample Name: J5655-01DUP Acquired: 10/30/2018 20:19:14 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .66497
 Stddev .13706
 %RSD 20.611

#1 .76188
 #2 .56805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.5	52909.	3719.1	105.69	3040.6
Stddev	3.7	563.	23.7	1.27	6.9
%RSD	.15442	1.0638	.63754	1.1987	.22839

#1	2370.1	52511.	3735.8	104.79	3045.5
#2	2364.9	53307.	3702.3	106.58	3035.7

Sample Name: J5655-01LX5 Acquired: 10/30/2018 20:23:16 Type: Unk
Method: P4-ICP2(v2534) 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	.00163	-.00140	.00004	-.00293	-.00051	.00254	.00286	.00006
Stddev	.00048	.00069	.00131	.00118	.00121	.00151	.00011	.00001
%RSD	29.380	49.558	2908.3	40.346	236.96	59.594	3.8704	23.035

#1	.00196	-.00189	.00097	-.00209	.00035	.00360	.00294	.00007
#2	.00129	-.00091	-.00088	-.00376	-.00137	.00147	.00278	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.73104	-.00088	-.00000	-.00033	.00153	.00572	.19436
Stddev	.00004	.02234	.00031	.00009	.00009	.00046	.00003	.00342
%RSD	38.304	3.0554	34.984	5553.6	26.561	29.691	.50037	1.7607

#1	.00008	.71524	-.00067	-.00006	-.00039	.00121	.00570	.19194
#2	.00014	.74683	-.00110	.00006	-.00027	.00186	.00574	.19678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00060	.96640	-.00017	.00268	.27337	-.00018	.01030
Stddev	.00043	.00009	.01320	.00037	.00009	.03746	.00010	.00774
%RSD	190.64	15.225	1.3662	212.73	3.3792	13.701	56.622	75.123

#1	-.00053	.00066	.95706	-.00044	.00275	.29986	-.00011	.01577
#2	.00008	.00053	.97574	.00009	.00262	.24689	-.00026	.00483

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58514	1.5754	-.00045	-.00043	-.00071	.0028	.00971	4.3855
Stddev	.00611	.0084	.00009	.00067	.00030	.0014	.00002	.1014
%RSD	1.0437	.53661	20.094	153.25	41.777	51.54	.15630	2.3122

#1	.58945	1.5694	-.00039	-.00091	-.00092	.0018	.00970	4.3138
#2	.58082	1.5813	-.00052	.00004	-.00050	.0038	.00972	4.4572

Sample Name: J5655-01LX5 Acquired: 10/30/2018 20:23:16 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2813
Stddev	.0374
%RSD	2.9225

#1	1.3078
#2	1.2549

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.6	53446.	3738.8	107.25	3124.0
Stddev	36.4	11.	10.7	.16	48.2
%RSD	1.4778	.02026	.28713	.14834	1.5443

#1	2438.8	53453.	3746.3	107.37	3089.9
#2	2490.3	53438.	3731.2	107.14	3158.1

Sample Name: J5655-02 Acquired: 10/30/2018 20:27:20 Type: Unk
 Method: P4-ICP2(v2534) 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	.96413	2.3477	1.1925	2.3043	.97598	2.4924	.25540
Stddev	.00055	.0026	.0021	.0053	.00043	.0149	.00082
%RSD	.05713	.10879	.17563	.22984	.04399	.59775	.32213

#1	.96452	2.3495	1.1940	2.3081	.97629	2.4818	.25598
#2	.96374	2.3459	1.1911	2.3006	.97568	2.5029	.25482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23966	.23424	4.7315	.53704	.24363	.37928	3.7177
Stddev	.00016	.00024	.0434	.00022	.00088	.00056	.0030
%RSD	.06617	.10386	.91713	.04035	.36021	.14751	.08051

#1	.23978	.23441	4.7008	.53720	.24425	.37968	3.7199
#2	.23955	.23407	4.7622	.53689	.24301	.37889	3.7156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29156	3.4257	.59582	.08908	8.2364	.38675	.26722
Stddev	.00011	.0640	.00123	.00040	.0193	.00082	.00076
%RSD	.03808	1.8695	.20565	.44954	.23467	.21213	.28379

#1	.29148	3.4710	.59668	.08880	8.2227	.38733	.26668
#2	.29164	3.3805	.59495	.08936	8.2500	.38617	.26775

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.381	.53255	.38808	2.7104	8.4202	.85194	.24185
Stddev	.007	.00171	.00198	.0059	.0199	.00245	.00311
%RSD	.04948	.32073	.51121	.21587	.23692	.28813	1.2865

#1	13.386	.53376	.38949	2.7063	8.4061	.85367	.24405
#2	13.377	.53135	.38668	2.7146	8.4343	.85020	.23965

Sample Name: J5655-02 Acquired: 10/30/2018 20:27:20 Type: Unk
 Method: P4-ICP2(v2534) 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	.24688	6.453	.30221	5.0555	F<.00000
Stddev	.00053	.014	.00102	.0448	.79405
%RSD	.21398	.2207	.33782	.88579	40.724

#1	.24651	6.463	.30149	5.0871	-2.5113
#2	.24726	6.443	.30293	5.0238	-1.3884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.5	51762.	3646.4	106.02	2973.3
Stddev	8.6	172.	7.8	.05	9.8
%RSD	.36545	.33262	.21521	.04682	.32846

#1	2344.4	51641.	3640.8	105.99	2966.4
#2	2356.6	51884.	3651.9	106.06	2980.2

Sample Name: J5655-03 Acquired: 10/30/2018 20:31:11 Type: Unk
Method: P4-ICP2(v2534) 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	.95249	2.3338	1.1868	2.2882	.96984	2.4856	.25532
Stddev	.00232	.0035	.0018	.0011	.00292	.0164	.00009
%RSD	.24328	.15111	.15501	.04831	.30083	.65848	.03625

#1	.95085	2.3363	1.1855	2.2890	.97190	2.4972	.25539
#2	.95413	2.3313	1.1881	2.2874	.96778	2.4740	.25525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23805	.23388	4.7261	.53568	.24255	.37695	3.6853
Stddev	.00044	.00013	.0176	.00177	.00081	.00132	.0456
%RSD	.18348	.05476	.37331	.33067	.33530	.34901	1.2379

#1	.23836	.23397	4.7136	.53693	.24198	.37602	3.7176
#2	.23774	.23379	4.7385	.53442	.24313	.37788	3.6531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29025	3.4061	.59503	.08932	8.1568	.38469	.26348
Stddev	.00002	.0513	.00131	.00023	.0536	.00084	.00386
%RSD	.00760	1.5063	.22011	.26235	.65686	.21774	1.4635

#1	.29027	3.4424	.59595	.08916	8.1189	.38528	.26621
#2	.29024	3.3698	.59410	.08949	8.1947	.38409	.26075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.327	.53003	.37558	2.7005	8.3544	.84908	.24384
Stddev	.062	.00217	.00978	.0008	.0512	.00355	.00571
%RSD	.46310	.40877	2.6049	.02834	.61272	.41795	2.3404

#1	13.283	.52850	.36866	2.6999	8.3182	.84657	.24788
#2	13.370	.53156	.38250	2.7010	8.3906	.85159	.23981

Sample Name: J5655-03 Acquired: 10/30/2018 20:31:11 Type: Unk
Method: P4-ICP2(v2534) 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	.24493	6.425	.29897	5.0728	F<.00000
Stddev	.00060	.018	.00204	.0283	.01106
%RSD	.24451	.2850	.68301	.55867	.74011

#1	.24451	6.412	.29752	5.0528	-1.4860
#2	.24536	6.438	.30041	5.0928	-1.5017

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.6	52085.	3684.0	107.98	2999.7
Stddev	8.6	48.	11.0	1.78	8.4
%RSD	.36333	.09288	.29954	1.6475	.27851

#1	2369.5	52051.	3691.8	106.72	2993.8
#2	2381.7	52119.	3676.2	109.24	3005.6

Sample Name: J5655-01A Acquired: 10/30/2018 20:35:02 Type: Unk
Method: P4-ICP2(v2534) 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	.95405	2.3330	1.1875	2.2813	.96733	2.4965	.25356
Stddev	.00171	.0009	.0009	.0099	.00169	.0012	.00137
%RSD	.17936	.03758	.07593	.43252	.17448	.04897	.54058

#1	.95526	2.3324	1.1868	2.2883	.96614	2.4974	.25453
#2	.95284	2.3336	1.1881	2.2743	.96853	2.4957	.25259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23809	.23327	4.7390	.53532	.24211	.37814	3.6874
Stddev	.00059	.00064	.0301	.00097	.00092	.00079	.0316
%RSD	.24781	.27584	.63607	.18183	.37893	.20791	.85745

#1	.23851	.23281	4.7177	.53601	.24147	.37870	3.6651
#2	.23768	.23372	4.7603	.53463	.24276	.37758	3.7098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28997	3.4371	.59324	.08837	8.0783	.38285	.26300
Stddev	.00015	.0000	.00134	.00025	.0503	.00142	.00269
%RSD	.05051	.00083	.22633	.28266	.62242	.37084	1.0210

#1	.29007	3.4371	.59419	.08819	8.1139	.38185	.26110
#2	.28986	3.4371	.59229	.08854	8.0428	.38385	.26490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.271	.52988	.38407	2.6904	8.3301	.84554	.24137
Stddev	.013	.00177	.01106	.0039	.0174	.00220	.00175
%RSD	.09736	.33422	2.8808	.14462	.20940	.25990	.72551

#1	13.280	.52863	.39189	2.6931	8.3178	.84398	.24013
#2	13.261	.53114	.37625	2.6876	8.3425	.84709	.24261

Sample Name: J5655-01A Acquired: 10/30/2018 20:35:02 Type: Unk
 Method: P4-ICP2(v2534) 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	.24403	6.405	.29525	5.0924	F<.00000
Stddev	.00099	.012	.00119	.2439	.03617
%RSD	.40736	.1825	.40436	4.7889	2.6472
#1	.24473	6.414	.29609	5.2648	-1.3919
#2	.24333	6.397	.29441	4.9199	-1.3407
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.2	52125.	3704.4	108.10	3005.1
Stddev	8.0	376.	11.9	.61	10.6
%RSD	.33608	.72214	.32207	.56289	.35314
#1	2368.6	51859.	3696.0	108.53	2997.6
#2	2379.9	52392.	3712.9	107.67	3012.6

Sample Name: CCV06 Acquired: 10/30/2018 20:38:53 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0072	4.9405	5.0644	4.8941	4.9392	10.005	9.3363	.25337
Stddev	.0137	.0123	.0028	.0286	.0032	.177	.0318	.00174
%RSD	.27269	.24897	.05594	.58384	.06508	1.7649	.34047	.68720
#1	5.0169	4.9318	5.0664	4.9143	4.9415	9.8805	9.3587	.25213
#2	4.9976	4.9492	5.0624	4.8739	4.9370	10.130	9.3138	.25460
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4898	25.243	1.0558	2.4920	1.2394	4.8854	2.5522	24.023
Stddev	.0032	.027	.0082	.0015	.0002	.0936	.0131	.020
%RSD	.12706	.10501	.77509	.05847	.01851	1.9153	.51330	.08385
#1	2.4876	25.225	1.0500	2.4910	1.2395	4.9515	2.5430	24.038
#2	2.4921	25.262	1.0616	2.4930	1.2392	4.8192	2.5615	24.009
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4494	1.2879	22.764	2.4974	2.6302	23.717	5.0518	4.7463
Stddev	.0060	.0032	.100	.0130	.0661	.140	.0084	.0010
%RSD	.24320	.25212	.43950	.52102	2.5123	.58938	.16610	.02088
#1	2.4452	1.2856	22.835	2.4881	2.6770	23.816	5.0577	4.7470
#2	2.4536	1.2902	22.694	2.5066	2.5835	23.618	5.0459	4.7456
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8629	4.9771	5.0599	4.6602	4.6991	4.869	4.9178	4.9275
Stddev	.0065	.0289	.0104	.0235	.0257	.013	.0321	.0161
%RSD	.13323	.58152	.20494	.50357	.54604	.2706	.65258	.32590
#1	4.8583	4.9976	5.0672	4.6436	4.7173	4.879	4.9405	4.9162
#2	4.8675	4.9567	5.0525	4.6768	4.6810	4.860	4.8951	4.9389

Sample Name: CCV06 Acquired: 10/30/2018 20:38:53 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.3602
Stddev .2544
%RSD 5.8335

#1 4.1803
#2 4.5400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.3	52563.	3827.4	109.03	2903.2
Stddev	8.7	74.	28.1	2.82	3.4
%RSD	.35384	.14141	.73505	2.5835	.11851

#1	2441.2	52616.	3807.6	107.03	2900.7
#2	2453.4	52511.	3847.3	111.02	2905.6

Sample Name: CCB06 Acquired: 10/30/2018 20:42:38 Type: Unk
Method: P4-ICP2(v2534) 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	.00028	-.00003	.00098	-.00213	-.00097	-.00508	.00132	.00002
Stddev	.00021	.00018	.00118	.00167	.00128	.00554	.00009	.00002
%RSD	75.662	639.03	121.13	78.451	131.85	109.16	6.5401	65.693
#1	.00043	.00010	.00014	-.00095	-.00188	-.00116	.00138	.00004
#2	.00013	-.00015	.00181	-.00331	-.00007	-.00899	.00126	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00711	-.00031	.00020	-.00011	.00173	-.00002	.00053
Stddev	.00007	.01651	.00057	.00011	.00012	.00660	.00004	.01943
%RSD	68.487	232.33	182.03	53.049	109.90	381.69	220.45	3660.2
#1	.00006	-.00457	.00009	.00028	-.00020	.00640	-.00004	.01427
#2	.00016	.01879	-.00071	.00012	-.00003	-.00294	.00001	-.01321
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00045	-.02794	-.00006	-.00061	.03274	.00028	.00913
Stddev	.00016	.00037	.00449	.00007	.00002	.00070	.00013	.00391
%RSD	506.71	81.718	16.080	132.03	2.9615	2.1410	47.887	42.854
#1	.00008	.00019	-.03111	-.00011	-.00060	.03225	.00037	.01190
#2	-.00015	.00071	-.02476	-.00000	-.00063	.03324	.00018	.00636
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00493	-.00396	-.00047	-.00030	-.00138	.0008	.00012	F 3.8662
Stddev	.00092	.00094	.00039	.00249	.00010	.0020	.00010	.2271
%RSD	18.579	23.649	82.941	828.64	6.9095	244.0	87.041	5.8755
#1	.00558	-.00463	-.00019	-.00206	-.00144	-.0006	.00005	4.0268
#2	.00428	-.00330	-.00075	.00146	-.00131	.0022	.00019	3.7055

Sample Name: CCB06 Acquired: 10/30/2018 20:42:38 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .80588
Stddev	.28416
%RSD	35.261

#1	.60495
#2	1.0068

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.2	54716.	3795.1	110.89	3179.4
Stddev	11.8	197.	13.0	3.18	9.6
%RSD	.47193	.35971	.34291	2.8694	.30216

#1	2500.8	54576.	3804.3	113.14	3172.6
#2	2517.5	54855.	3785.9	108.64	3186.2

Sample Name: J5655-04 Acquired: 10/30/2018 20:46:43 Type: Unk
Method: P4-ICP2(v2534) 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	.00663	-.00271	.00253	.00237	.00017	.08121	.05014	.00009
Stddev	.00020	.00117	.00035	.00067	.00326	.01177	.00027	.00001
%RSD	2.9941	43.157	13.799	28.432	1884.0	14.495	.53900	15.584

#1	.00677	-.00353	.00278	.00284	.00248	.08953	.04995	.00008
#2	.00649	-.00188	.00228	.00189	-.00213	.07288	.05033	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	3.5434	.00115	.00403	.00135	1.6772	.04848	.88776
Stddev	.00004	.0282	.00006	.00016	.00071	.0294	.00030	.02478
%RSD	4.3111	.79667	5.0012	3.8495	52.755	1.7508	.62803	2.7915

#1	.00093	3.5234	.00119	.00414	.00185	1.6564	.04827	.90528
#2	.00099	3.5634	.00111	.00392	.00084	1.6980	.04870	.87023

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	.00017	5.2989	.00106	.03713	1.2788	.00001	.01899
Stddev	.00008	.00016	.0357	.00006	.00083	.0187	.00010	.00360
%RSD	3.1388	92.624	.67328	5.6517	2.2418	1.4626	777.03	18.982

#1	.00251	.00006	5.2737	.00110	.03654	1.2655	.00008	.02154
#2	.00262	.00028	5.3242	.00101	.03772	1.2920	-.00006	.01644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7418	6.4791	-.00106	-.00089	-.00046	.0142	.04731	4.1627
Stddev	.0066	.0035	.00013	.00050	.00007	.0004	.00063	.2344
%RSD	.24132	.05462	12.511	56.211	16.429	2.969	1.3234	5.6311

#1	2.7465	6.4816	-.00097	-.00054	-.00040	.0145	.04687	4.3284
#2	2.7371	6.4766	-.00115	-.00125	-.00051	.0139	.04775	3.9969

Sample Name: J5655-04 Acquired: 10/30/2018 20:46:43 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0289
Stddev .2160
%RSD 20.996

#1 1.1816
#2 .87610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.0	52762.	3648.5	107.28	3039.3
Stddev	16.9	297.	7.7	1.19	16.2
%RSD	.70885	.56292	.21054	1.1095	.53418

#1	2367.1	52552.	3643.1	108.13	3027.8
#2	2391.0	52972.	3654.0	106.44	3050.8

Sample Name: J5655-05 Acquired: 10/30/2018 20:50:46 Type: Unk
Method: P4-ICP2(v2534) 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	.00043	-.00365	-.00067	.00502	-.00087	1.1224	.30545	.00037
Stddev	.00270	.00060	.00097	.00128	.00295	.0048	.00199	.00001
%RSD	629.10	16.312	144.24	25.487	336.79	.42860	.65156	3.2111

#1	-.00148	-.00407	.00001	.00411	-.00296	1.1190	.30404	.00036
#2	.00234	-.00323	-.00136	.00592	.00121	1.1258	.30686	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	17.008	-.00202	.05027	.00034	11.357	2.4958	3.8751
Stddev	.00000	.126	.00005	.00025	.00021	.314	.0020	.0075
%RSD	.08111	.73851	2.5161	.49132	62.341	2.7614	.08159	.19238

#1	.00015	16.919	-.00206	.05010	.00049	11.136	2.4973	3.8698
#2	.00015	17.097	-.00198	.05045	.00019	11.579	2.4944	3.8804

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	.00053	200.38	.00058	.01585	3.0011	-.00016	.02389
Stddev	.00023	.00014	1.53	.00033	.00017	.0524	.00023	.01132
%RSD	6.5154	26.620	.76170	57.346	1.0919	1.7463	146.99	47.360

#1	.00369	.00043	199.30	.00082	.01573	2.9640	.00001	.03189
#2	.00337	.00063	201.46	.00035	.01597	3.0382	-.00032	.01589

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8359	7.1040	-.00078	-.00120	-.00084	.0164	.16119	4.1056
Stddev	.0010	.0151	.00009	.00027	.00009	.0012	.00006	.1153
%RSD	.02537	.21305	11.013	22.341	10.876	7.203	.03639	2.8091

#1	3.8352	7.0933	-.00084	-.00140	-.00090	.0172	.16115	4.1871
#2	3.8366	7.1147	-.00072	-.00101	-.00077	.0156	.16123	4.0240

Sample Name: J5655-05 Acquired: 10/30/2018 20:50:46 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1967
 Stddev .5531
 %RSD 8.9253

#1 6.5877
 #2 5.8056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.4	53578.	3872.2	107.73	2843.4
Stddev	5.5	195.	5.5	1.97	2.1
%RSD	.22307	.36398	.14144	1.8268	.07344

#1	2478.4	53440.	3876.0	109.13	2844.8
#2	2470.5	53716.	3868.3	106.34	2841.9

Sample Name: J5655-06 Acquired: 10/30/2018 20:54:54 Type: Unk
Method: P4-ICP2(v2534) 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	.01357	-.00296	-.00279	.00709	.00105	.09105	.02170	-.00028
Stddev	.00348	.00073	.00113	.00235	.00087	.00073	.00044	.00008
%RSD	25.653	24.777	40.461	33.201	82.829	.80412	2.0156	30.682
#1	.01111	-.00244	-.00199	.00876	.00043	.09157	.02139	-.00034
#2	.01604	-.00347	-.00359	.00543	.00166	.09054	.02201	-.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	13.916	-.00049	.00076	.00020	26.295	.32903	4.8355
Stddev	.00019	.016	.00027	.00010	.00010	.626	.00097	.0836
%RSD	61.242	.11243	54.879	12.796	49.816	2.3816	.29403	1.7287
#1	-.00044	13.927	-.00069	.00069	.00028	26.738	.32835	4.8947
#2	-.00017	13.904	-.00030	.00083	.00013	25.852	.32972	4.7764
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00016	45.108	.00150	.03349	4.2246	.00049	.03550
Stddev	.00009	.00056	.882	.00052	.00143	.0275	.00004	.00533
%RSD	15.822	343.94	1.9561	35.065	4.2729	.65143	7.9740	15.027
#1	.00060	-.00056	45.732	.00113	.03450	4.2441	.00052	.03172
#2	.00048	.00023	44.484	.00187	.03248	4.2052	.00046	.03927
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.091	F 10.803	-.00301	.00042	.00233	.0355	.08452	4.3876
Stddev	.124	.205	.00128	.00067	.00124	.0000	.00076	.1326
%RSD	1.2322	1.8995	42.344	159.74	53.232	.1310	.90381	3.0216
#1	10.179	10.948	-.00211	-.00005	.00321	.0355	.08398	4.2938
#2	10.003	10.658	-.00392	.00089	.00145	.0354	.08506	4.4813

Sample Name: J5655-06 Acquired: 10/30/2018 20:54:54 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.9443
Stddev .3296
%RSD 4.1492

#1 8.1773
#2 7.7112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.7	51338.	3643.9	105.63	2940.6
Stddev	21.8	130.	74.0	4.24	38.0
%RSD	.92524	.25236	2.0299	4.0116	1.2935

#1	2345.2	51430.	3591.6	102.63	2913.7
#2	2376.1	51247.	3696.2	108.63	2967.5

Sample Name: J5655-07 Acquired: 10/30/2018 20:58:56 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00288	-.00031	.00020	-.00045	.24849	.00715	-.00002
Stddev	.00226	.00077	.00098	.00242	.00174	.01187	.00029	.00007
%RSD	197.48	26.893	313.42	1240.1	384.38	4.7759	4.0965	310.72

#1	-.00045	-.00233	-.00101	.00191	.00078	.24010	.00735	.00003
#2	.00275	-.00343	.00038	-.00152	-.00168	.25688	.00694	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	2.1983	.00112	.00003	.00032	.17648	.01507	.59818
Stddev	.00003	.0173	.00013	.00019	.00018	.01287	.00007	.00069
%RSD	124.17	.78806	11.927	658.42	56.029	7.2912	.45339	.11581

#1	-.00000	2.1861	.00122	.00016	.00019	.18558	.01502	.59866
#2	-.00004	2.2106	.00103	-.00010	.00044	.16738	.01512	.59769

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00006	15.215	.00063	.01631	.98644	.00001	.01579
Stddev	.00044	.00014	.125	.00033	.00005	.02702	.00022	.00042
%RSD	425.48	217.88	.81834	52.624	.33492	2.7394	1573.9	2.6422

#1	-.00042	.00016	15.303	.00039	.01635	1.0055	-.00014	.01550
#2	.00021	-.00003	15.127	.00086	.01627	.96733	.00017	.01609

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3771	6.6225	-.00106	.00473	-.00132	.1889	.01243	3.9067
Stddev	.0063	.0945	.00014	.00001	.00042	.0014	.00003	.0488
%RSD	.26592	1.4269	13.294	.11906	32.231	.7618	.24173	1.2490

#1	2.3816	6.6894	-.00096	.00473	-.00162	.1899	.01240	3.9412
#2	2.3726	6.5557	-.00116	.00472	-.00102	.1879	.01245	3.8722

Sample Name: J5655-07 Acquired: 10/30/2018 20:58:56 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2281
Stddev	.8201
%RSD	66.780

#1	1.8080
#2	.64817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.5	52420.	3592.3	106.49	3033.0
Stddev	12.9	37.	37.0	1.78	12.4
%RSD	.54294	.07057	1.0306	1.6756	.40989

#1	2374.3	52446.	3566.2	105.22	3024.2
#2	2392.6	52394.	3618.5	107.75	3041.7

Sample Name: J5655-08 Acquired: 10/30/2018 21:02:59 Type: Unk
Method: P4-ICP2(v2534) 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	.00324	.00001	.00077	-.00159	-.00183	-.00050	.00249	.00011
Stddev	.00155	.00120	.00034	.00193	.00099	.00477	.00033	.00004
%RSD	47.743	8059.4	44.629	121.07	54.303	956.93	13.153	37.572

#1	.00433	-.00084	.00101	-.00296	-.00253	.00287	.00226	.00014
#2	.00215	.00087	.00052	-.00023	-.00112	-.00387	.00272	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.02483	-.00066	.00008	-.00001	.01395	.00077	-.00931
Stddev	.00007	.01440	.00023	.00005	.00023	.01208	.00004	.00059
%RSD	108.61	57.992	35.342	59.104	1653.2	86.573	5.4412	6.3788

#1	.00002	.01465	-.00050	.00012	.00015	.00541	.00074	-.00973
#2	.00012	.03501	-.00083	.00005	-.00018	.02249	.00080	-.00889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00050	-.11850	.00030	.00715	-.02219	-.00030	.00331
Stddev	.00037	.00005	.01012	.00002	.00007	.00401	.00004	.01473
%RSD	231.02	10.646	8.5359	7.8957	1.0352	18.072	12.445	445.25

#1	.00042	.00046	-.12565	.00028	.00710	-.01936	-.00033	.01372
#2	-.00010	.00054	-.11135	.00031	.00721	-.02503	-.00027	-.00711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00492	-.00185	-.00095	-.00354	.0017	.00012	2.7367
Stddev	.00077	.00343	.00003	.00096	.00075	.0006	.00003	.0689
%RSD	22.392	69.706	1.4179	101.23	21.062	34.23	24.817	2.5171

#1	.00400	-.00250	-.00183	-.00027	-.00301	.0013	.00014	2.7854
#2	.00291	-.00735	-.00187	-.00163	-.00407	.0021	.00010	2.6880

Sample Name: J5655-08 Acquired: 10/30/2018 21:02:59 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6163
Stddev .9186
%RSD 56.833

#1 .96676
#2 2.2659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.8	56350.	3783.9	115.58	3323.0
Stddev	8.6	70.	87.0	.71	11.2
%RSD	.32901	.12439	2.3003	.61177	.33749

#1	2608.7	56400.	3722.3	115.08	3315.0
#2	2620.9	56301.	3845.4	116.08	3330.9

Sample Name: J5655-10 Acquired: 10/30/2018 21:07:03 Type: Unk
Method: P4-ICP2(v2534) 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	-.00110	-.00057	.00104	.00051	-.00016	.01333	.00560	-.00008
Stddev	.00128	.00136	.00001	.00011	.00025	.00789	.00020	.00004
%RSD	116.04	236.70	1.2561	21.045	156.46	59.230	3.4861	51.003

#1	-.00200	.00039	.00103	.00059	.00002	.01891	.00574	-.00005
#2	-.00020	-.00154	.00104	.00043	-.00034	.00774	.00547	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	1.0143	.00108	.00001	.00066	.04397	.00420	.29478
Stddev	.00006	.0117	.00011	.00003	.00019	.00620	.00003	.02452
%RSD	459.71	1.1485	10.444	330.91	29.285	14.101	.61865	8.3195

#1	-.00005	1.0061	.00100	-.00001	.00053	.03958	.00422	.31212
#2	.00003	1.0225	.00116	.00003	.00080	.04835	.00418	.27744

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00060	46.480	.00009	.01338	.63326	.00019	.01348
Stddev	.00013	.00047	.528	.00041	.00001	.00485	.00003	.00544
%RSD	1220.9	79.249	1.1349	461.41	.05736	.76540	16.154	40.376

#1	.00011	.00093	46.853	.00038	.01338	.63669	.00021	.00963
#2	-.00008	.00026	46.107	-.00020	.01337	.62983	.00017	.01732

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0201	6.1674	-.00065	-.00067	-.00077	.0122	.01702	4.1179
Stddev	.0072	.0717	.00084	.00014	.00135	.0005	.00009	.1711
%RSD	.35519	1.1632	129.27	21.486	175.72	3.774	.53343	4.1540

#1	2.0150	6.2182	-.00124	-.00057	-.00172	.0125	.01696	4.2389
#2	2.0252	6.1167	-.00006	-.00077	.00019	.0118	.01708	3.9969

Sample Name: J5655-10 Acquired: 10/30/2018 21:07:03 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .91012
Stddev .47040
%RSD 51.685

#1 1.2427
#2 .57750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.8	51632.	3636.2	107.48	2975.6
Stddev	20.2	341.	53.9	.86	19.7
%RSD	.85155	.66136	1.4818	.79744	.66130

#1	2361.5	51390.	3598.1	106.87	2961.7
#2	2390.1	51873.	3674.3	108.08	2989.5

Sample Name: J5655-11 Acquired: 10/30/2018 21:11:07 Type: Unk
Method: P4-ICP2(v2534) 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	.00209	-.00256	.00175	-.00048	-.00170	.01449	.00653	.00001
Stddev	.00207	.00031	.00042	.00124	.00061	.01508	.00059	.00005
%RSD	99.052	12.314	24.149	260.57	36.120	104.07	9.0933	924.94

#1	.00355	-.00233	.00205	.00040	-.00213	.02516	.00695	.00004
#2	.00063	-.00278	.00145	-.00136	-.00126	.00383	.00611	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	1.0663	.00155	-.00001	.00073	.04811	.00445	.29442
Stddev	.00002	.0317	.00044	.00029	.00002	.01008	.00005	.01320
%RSD	26.585	2.9757	28.386	2938.3	3.2043	20.962	1.1958	4.4840

#1	.00009	1.0888	.00124	-.00022	.00072	.04098	.00441	.28508
#2	.00006	1.0439	.00186	.00020	.00075	.05524	.00448	.30375

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00039	49.254	.00052	.01562	.67902	.00010	.01618
Stddev	.00016	.00021	.193	.00018	.00000	.00021	.00001	.00273
%RSD	147.40	53.560	.39205	34.430	.00758	.03107	11.483	16.839

#1	.00022	.00024	49.117	.00040	.01562	.67917	.00010	.01811
#2	-.00000	.00053	49.391	.00065	.01562	.67887	.00011	.01426

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1331	6.5738	-.00118	.00004	-.00021	.0132	.01760	4.4830
Stddev	.0022	.0100	.00097	.00127	.00002	.0035	.00030	.3228
%RSD	.10148	.15234	82.334	3619.4	10.245	26.51	1.7319	7.2015

#1	2.1315	6.5667	-.00049	-.00086	-.00022	.0107	.01738	4.2547
#2	2.1346	6.5809	-.00187	.00093	-.00019	.0156	.01781	4.7113

Sample Name: J5655-11 Acquired: 10/30/2018 21:11:07 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2026
 Stddev .0149
 %RSD 1.2370

#1 1.1921
 #2 1.2132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.9	50928.	3640.1	106.19	2971.6
Stddev	12.0	785.	24.7	1.84	18.6
%RSD	.50660	1.5414	.67880	1.7301	.62703

#1	2367.4	51483.	3622.6	104.89	2958.5
#2	2384.4	50373.	3657.6	107.49	2984.8

Sample Name: J5655-12 Acquired: 10/30/2018 21:15:11 Type: Unk
Method: P4-ICP2(v2534) 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	.03439	-.00377	-.00114	.00426	-.00007	.03193	.01343	-.00008
Stddev	.00214	.00041	.00057	.00389	.00099	.00186	.00067	.00002
%RSD	6.2226	10.931	49.827	91.450	1490.9	5.8320	5.0114	19.077
#1	.03590	-.00406	-.00074	.00701	.00064	.03062	.01391	-.00009
#2	.03288	-.00348	-.00154	.00150	-.00077	.03325	.01296	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	32.675	-.00038	-.00007	.00009	13.197	.21692	10.540
Stddev	.00016	.102	.00054	.00014	.00030	.469	.00030	.044
%RSD	80.269	.31138	141.25	191.77	335.45	3.5560	.13956	.42053
#1	-.00031	32.603	-.00076	-.00017	.00030	13.529	.21713	10.508
#2	-.00009	32.747	-.00000	.00003	-.00012	12.865	.21670	10.571
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00023	10.771	.00036	.01442	3.8191	.00205	.03288
Stddev	.00000	.00016	.147	.00015	.00073	.0373	.00009	.00260
%RSD	.07124	69.844	1.3625	40.563	5.0612	.97710	4.2001	7.9168
#1	-.00163	-.00035	10.667	.00047	.01494	3.7927	.00199	.03472
#2	-.00164	-.00012	10.874	.00026	.01391	3.8455	.00211	.03104
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9308	F 10.431	-.00263	-.00042	.00366	.0440	.17521	4.2262
Stddev	.0191	.064	.00038	.00200	.00052	.0005	.00083	.0733
%RSD	.24113	.61823	14.282	477.94	14.119	1.070	.47310	1.7355
#1	7.9173	10.386	-.00237	.00099	.00330	.0437	.17462	4.2781
#2	7.9443	10.477	-.00290	-.00183	.00403	.0443	.17579	4.1744

Sample Name: J5655-12 Acquired: 10/30/2018 21:15:11 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6763
Stddev	.5185
%RSD	11.089

#1	5.0430
#2	4.3097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.6	51472.	3596.3	105.73	2965.2
Stddev	7.7	259.	10.9	4.22	6.1
%RSD	.32640	.50312	.30431	3.9958	.20718

#1	2366.1	51289.	3604.0	102.74	2960.8
#2	2377.0	51655.	3588.5	108.71	2969.5

Sample Name: J5718-01 Acquired: 10/30/2018 21:19:12 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00542	.04603	.00465	.00141	.74046	.16865	-.00008
Stddev	.00072	.00099	.00160	.00302	.00080	.01568	.00251	.00006
%RSD	87.509	18.186	3.4670	65.031	56.979	2.1170	1.4905	77.332
#1	-.00031	-.00473	.04716	.00251	.00197	.72938	.17043	-.00012
#2	-.00133	-.00612	.04491	.00679	.00084	.75154	.16688	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	91.789	.00187	.00071	.86046	1.8971	.49986	11.632
Stddev	.00000	.699	.00027	.00061	.00103	.0503	.00066	.172
%RSD	30.243	.76108	14.268	85.743	.11946	2.6537	.13287	1.4813
#1	-.00001	92.283	.00206	.00114	.86119	1.9327	.50033	11.754
#2	-.00001	91.295	.00168	.00028	.85974	1.8615	.49939	11.510
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00055	918.65	.00485	.11889	14.393	.00238	.25510
Stddev	.00070	.00013	7.89	.00058	.00344	.233	.00002	.00486
%RSD	6213.3	24.196	.85925	11.957	2.8901	1.6165	.95288	1.9053
#1	-.00051	.00045	924.23	.00526	.12132	14.557	.00236	.25854
#2	.00049	.00064	913.07	.00444	.11646	14.228	.00239	.25167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.875	F 13.338	.01210	.02003	.00628	.0566	.50574	5.9239
Stddev	.004	.153	.00039	.00416	.00151	.0002	.00348	.1343
%RSD	.01292	1.1505	3.2559	20.775	24.069	.3692	.68809	2.2670
#1	31.878	13.446	.01238	.01708	.00521	.0568	.50820	6.0189
#2	31.872	13.229	.01182	.02297	.00734	.0565	.50328	5.8289

Sample Name: J5718-01 Acquired: 10/30/2018 21:19:12 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.2189
Stddev	.1852
%RSD	2.5660

#1	7.3499
#2	7.0879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.6	46213.	3535.5	102.93	2504.0
Stddev	8.3	102.	39.2	3.48	4.1
%RSD	.37243	.21996	1.1091	3.3764	.16464

#1	2213.7	46141.	3507.8	100.47	2501.1
#2	2225.4	46285.	3563.3	105.38	2506.9

Sample Name: J5696-01 Acquired: 10/30/2018 21:23:17 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SED-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06613	-.01819	5.6514	.07553	.00787	119.41	1.5215
Stddev	.00086	.00004	.0442	.00049	.00262	.38	.0167
%RSD	1.2982	.23445	.78200	.65378	33.331	.32115	1.0975

#1	.06552	-.01816	5.6826	.07519	.00973	119.14	1.5097
#2	.06674	-.01822	5.6201	.07588	.00602	119.68	1.5333

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00773	.01357	58.804	.97795	.16871	4.4261	415.50
Stddev	.00001	.00010	.893	.00449	.00021	.0179	.39
%RSD	.11135	.74027	1.5183	.45898	.12384	.40446	.09443

#1	.00772	.01364	58.173	.97478	.16886	4.4388	415.77
#2	.00773	.01350	59.435	.98113	.16857	4.4135	415.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4669	60.056	.49986	.00315	5.5173	.49768	6.3514
Stddev	.0340	.602	.00091	.00079	.0680	.00298	.0080
%RSD	.40155	1.0027	.18137	25.050	1.2317	.59929	.12648

#1	8.4429	59.630	.50050	.00371	5.4692	.49557	6.3571
#2	8.4909	60.482	.49922	.00260	5.5653	.49979	6.3458

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3237	.02148	.68134	8.5560	1.8910	.34544	3.8812
Stddev	.0740	.00032	.00049	.0090	.0425	.00109	.0129
%RSD	.79414	1.4722	.07182	.10489	2.2500	.31617	.33118

#1	9.2714	.02125	.68168	8.5624	1.8609	.34622	3.8721
#2	9.3761	.02170	.68099	8.5497	1.9211	.34467	3.8902

Sample Name: J5696-01 Acquired: 10/30/2018 21:23:17 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-SED-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22912	F 11.53	-.10291	.49243	F<.00000
Stddev	.00060	.06	.00455	.09290	.21568
%RSD	.26188	.4990	4.4233	18.865	.15744

#1	.22869	11.57	-.10613	.55812	-137.15
#2	.22954	11.49	-.09969	.42674	-136.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.3	58756.	4247.8	104.19	2782.6
Stddev	8.3	67.	46.6	.13	13.5
%RSD	.30133	.11344	1.0969	.12691	.48652

#1	2759.4	58803.	4280.7	104.10	2773.0
#2	2771.2	58709.	4214.8	104.29	2792.1

Sample Name: CCV07 Acquired: 10/30/2018 21:27:13 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9133	4.9802	5.0157	4.8500	4.8574	10.134	9.3783	.25980	2.4953
Stddev	.0154	.0107	.0155	.0018	.0009	.098	.3322	.00809	.0088
%RSD	.31386	.21470	.30798	.03657	.01894	.96366	3.5418	3.1141	.35356

#1	4.9024	4.9726	5.0048	4.8487	4.8567	10.203	9.6131	.26552	2.4891
#2	4.9242	4.9877	5.0266	4.8512	4.8580	10.065	9.1434	.25408	2.5015

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.946	1.0812	2.4816	1.2409	4.9173	2.6204	24.190	2.4771	1.3000
Stddev	.322	.0390	.0099	.0014	.1415	.0750	.240	.0114	.0400
%RSD	1.2905	3.6063	.39758	.10995	2.8776	2.8621	.99089	.45904	3.0780

#1	25.174	1.1088	2.4746	1.2400	5.0174	2.6734	24.359	2.4690	1.3283
#2	24.718	1.0536	2.4886	1.2419	4.8173	2.5674	24.020	2.4851	1.2717

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	23.381	2.5711	2.6182	23.787	4.9768	4.8372	4.8388	4.9900	5.0145
Stddev	.847	.0719	.0972	.758	.0078	.0653	.0206	.1786	.0301
%RSD	3.6213	2.7958	3.7130	3.1850	.15627	1.3505	.42649	3.5788	.60030

#1	23.979	2.6220	2.6870	24.322	4.9713	4.8834	4.8242	5.1163	4.9932
#2	22.782	2.5203	2.5495	23.251	4.9823	4.7910	4.8534	4.8637	5.0358

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.7090	4.7545	4.883	4.8750	4.5319	4.6550			
Stddev	.0944	.1513	.003	.1406	.5345	.0218			
%RSD	2.0050	3.1824	.0574	2.8847	11.795	.46880			

#1	4.7758	4.8615	4.881	4.9745	4.9099	4.6705			
#2	4.6423	4.6475	4.885	4.7756	4.1540	4.6396			

Sample Name: CCV07 Acquired: 10/30/2018 21:27:13 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.2	51260.	3763.8	108.47	2893.3
Stddev	3.3	1388.	111.9	3.85	8.7
%RSD	.13291	2.7078	2.9729	3.5449	.30084
#1	2465.5	50278.	3684.6	105.75	2899.5
#2	2460.9	52241.	3842.9	111.19	2887.2

Sample Name: CCB07 Acquired: 10/30/2018 21:30:58 Type: Unk
Method: P4-ICP2(v2534) 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	.00173	.00004	.00013	-.00168	-.00136	-.01371	.00125	.00010
Stddev	.00163	.00090	.00049	.00220	.00274	.01093	.00086	.00008
%RSD	93.801	2077.0	363.52	131.64	201.91	79.765	69.161	77.660
#1	.00288	.00068	-.00021	-.00012	.00058	-.00598	.00064	.00005
#2	.00058	-.00059	.00048	-.00323	-.00329	-.02144	.00186	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00218	-.00017	.00016	.00003	-.00111	-.00005	.01114
Stddev	.00009	.01156	.00007	.00028	.00022	.00727	.00001	.00865
%RSD	236.69	531.48	38.850	176.96	700.42	652.31	21.613	77.623
#1	-.00003	.00600	-.00022	.00036	-.00012	-.00626	-.00006	.00503
#2	.00010	-.01035	-.00012	-.00004	.00019	.00403	-.00004	.01726
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00049	.04401	.00005	-.00064	.00112	.00022	.00804
Stddev	.00016	.00003	.01305	.00044	.00003	.08527	.00002	.00134
%RSD	63.374	5.3548	29.661	913.91	5.4893	7587.1	11.360	16.688
#1	-.00014	.00051	.03478	.00036	-.00066	-.05917	.00020	.00709
#2	-.00037	.00047	.05324	-.00026	-.00061	.06142	.00023	.00898
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00462	-.00357	-.00098	-.00096	.00113	.0004	-.00001	F 3.4053
Stddev	.00093	.00139	.00009	.00223	.00118	.0002	.00005	.1111
%RSD	20.057	38.955	8.8421	232.07	104.54	58.72	966.30	3.2636
#1	.00397	-.00258	-.00092	.00062	.00029	.0006	-.00004	3.4839
#2	.00528	-.00455	-.00104	-.00254	.00196	.0002	.00003	3.3267

Sample Name: CCB07 Acquired: 10/30/2018 21:30:58 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5464
Stddev	.3226
%RSD	20.862

#1	1.7745
#2	1.3183

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.0	53625.	3678.9	110.05	3183.1
Stddev	8.5	63.	6.6	1.76	10.5
%RSD	.33406	.11841	.18015	1.5956	.32833

#1	2533.0	53580.	3683.6	108.81	3175.7
#2	2545.0	53670.	3674.2	111.29	3190.5

Sample Name: J5696-01DUP Acquired: 10/30/2018 21:35:04 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SED-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06935	-.01885	5.7725	.07551	.01069	122.60	1.5514
Stddev	.00175	.00252	.0121	.00324	.00208	.86	.0130
%RSD	2.5225	13.347	.20995	4.2968	19.492	.69830	.83968

#1	.06812	-.02063	5.7811	.07322	.00921	122.00	1.5606
#2	.07059	-.01707	5.7640	.07781	.01216	123.21	1.5421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00810	.01379	60.246	1.0167	.17152	4.5025	417.90
Stddev	.00015	.00002	.276	.0080	.00027	.0002	.18
%RSD	1.8429	.12794	.45839	.78934	.15467	.00504	.04214

#1	.00799	.01381	60.442	1.0110	.17171	4.5023	418.03
#2	.00820	.01378	60.051	1.0224	.17133	4.5026	417.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6996	60.776	.51310	.00135	5.5246	.50720	6.4036
Stddev	.0840	.531	.00092	.00068	.0218	.00083	.0008
%RSD	.96518	.87405	.17931	50.808	.39383	.16388	.01224

#1	8.6403	61.152	.51245	.00183	5.5400	.50661	6.4042
#2	8.7590	60.401	.51375	.00086	5.5093	.50778	6.4031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4003	.02197	.68191	8.7369	1.9412	.33796	3.8972
Stddev	.1064	.00028	.00445	.0111	.0360	.00109	.0253
%RSD	1.1321	1.2572	.65242	.12742	1.8553	.32276	.64947

#1	9.4755	.02216	.68506	8.7447	1.9667	.33873	3.9151
#2	9.3250	.02177	.67877	8.7290	1.9158	.33719	3.8793

Sample Name: J5696-01DUP Acquired: 10/30/2018 21:35:04 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SED-01DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23404	F 11.91	-.09526	.34152	F<.00000
Stddev	.00099	.01	.00187	.06322	.03574
%RSD	.42283	.0504	1.9605	18.511	.02540

#1	.23474	11.91	-.09394	.29682	-140.73
#2	.23334	11.90	-.09658	.38622	-140.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.6	57809.	4209.7	104.61	2763.8
Stddev	1.7	203.	33.0	.07	4.0
%RSD	.06189	.35045	.78388	.06504	.14486

#1	2762.4	57952.	4186.3	104.66	2761.0
#2	2764.8	57666.	4233.0	104.57	2766.6

Sample Name: J5696-01LX5 Acquired: 10/30/2018 21:39:07 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01730	-.00281	1.1841	.01495	.00109	26.675	.35135
Stddev	.00014	.00025	.0016	.00181	.00072	.097	.00339
%RSD	.82511	8.8421	.13487	12.072	66.439	.36426	.96547

#1	.01720	-.00298	1.1853	.01623	.00160	26.743	.34895
#2	.01740	-.00263	1.1830	.01368	.00058	26.606	.35374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00205	13.793	.23125	.03419	1.0725	85.160
Stddev	.00009	.00012	.080	.00107	.00033	.0013	.856
%RSD	6.3432	6.0789	.58350	.46244	.96670	.11795	1.0050

#1	.00147	.00214	13.736	.23049	.03442	1.0734	84.555
#2	.00135	.00197	13.850	.23201	.03395	1.0716	85.765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0631	13.869	.10162	-.00065	1.2346	.11689	1.3476
Stddev	.0001	.069	.00002	.00039	.0065	.00042	.0143
%RSD	.00360	.49843	.02371	60.077	.52222	.35824	1.0612

#1	2.0631	13.918	.10164	-.00093	1.2301	.11659	1.3375
#2	2.0630	13.820	.10161	-.00038	1.2392	.11718	1.3577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0622	.00456	.15215	1.7067	.45801	.06886	.88435
Stddev	.0218	.00000	.00940	.0003	.00032	.00038	.00530
%RSD	1.0563	.00328	6.1771	.01522	.07039	.54949	.59881

#1	2.0776	.00456	.14551	1.7065	.45779	.06859	.88060
#2	2.0468	.00456	.15880	1.7069	.45824	.06913	.88809

Sample Name: J5696-01LX5 Acquired: 10/30/2018 21:39:07 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05199	2.365	-.01072	3.2057	F<.00000
Stddev	.00126	.004	.00106	.1023	.62322
%RSD	2.4318	.1627	9.8545	3.1909	38.295

#1	.05109	2.367	-.00997	3.2780	-1.1867
#2	.05288	2.362	-.01147	3.1333	-2.0681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.2	53910.	3806.6	107.76	3007.5
Stddev	.8	250.	30.4	.95	.9
%RSD	.03154	.46327	.79923	.88411	.03141

#1	2573.6	53734.	3828.1	108.44	3006.9
#2	2574.7	54087.	3785.1	107.09	3008.2

Sample Name: J5696-02 Acquired: 10/30/2018 21:43:05 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5696-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89002	2.3487	6.7357	2.1194	.83800	121.10	1.7553
Stddev	.00083	.0116	.0133	.0152	.00255	.02	.0676
%RSD	.09376	.49331	.19722	.71692	.30414	.02034	3.8501

#1	.88943	2.3569	6.7451	2.1302	.83981	121.09	1.8030
#2	.89061	2.3405	6.7263	2.1087	.83620	121.12	1.7075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23308	.25341	60.893	1.4169	.40779	4.6642	413.94
Stddev	.00036	.00237	2.336	.0024	.00043	.0191	26.02
%RSD	.15324	.93615	3.8354	.16691	.10442	.40866	6.2868

#1	.23282	.25173	62.545	1.4152	.40749	4.6776	432.34
#2	.23333	.25509	59.242	1.4186	.40809	4.6507	395.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5655	62.707	1.1034	.08362	8.7149	.81746	6.4604
Stddev	.0180	2.182	.0027	.00220	.3501	.00087	.3888
%RSD	.20989	3.4801	.24502	2.6352	4.0178	.10639	6.0180

#1	8.5528	64.250	1.1053	.08517	8.9625	.81685	6.7353
#2	8.5782	61.164	1.1015	.08206	8.4673	.81808	6.1854

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.299	.44662	1.0128	8.4136	2.9186	1.1930	4.1328
Stddev	.777	.00086	.0588	.0347	.0874	.0042	.1394
%RSD	3.8254	.19368	5.8016	.41269	2.9952	.35172	3.3721

#1	20.848	.44723	1.0544	8.4382	2.9805	1.1960	4.2314
#2	19.750	.44600	.97126	8.3891	2.8568	1.1901	4.0343

Sample Name: J5696-02 Acquired: 10/30/2018 21:43:05 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5696-01MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45956	F 18.33	.12842	.67543	F<.00000
Stddev	.01337	.04	.00599	.00349	.45552
%RSD	2.9101	.2368	4.6611	.51600	.33944

#1	.46902	18.36	.12419	.67297	-134.52
#2	.45010	18.30	.13266	.67789	-133.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.5	57962.	4117.8	104.18	2771.5
Stddev	16.9	135.	140.7	6.32	12.1
%RSD	.60871	.23374	3.4174	6.0706	.43657

#1	2760.5	58058.	4018.3	99.706	2762.9
#2	2784.4	57866.	4217.3	108.65	2780.0

Sample Name: J5696-03 Acquired: 10/30/2018 21:46:58 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5696-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89291	2.3624	6.7437	2.1194	.83422	121.12	1.7261
Stddev	.00199	.0029	.0081	.0045	.00354	.51	.0063
%RSD	.22336	.12407	.12029	.21192	.42480	.41803	.36422

#1	.89432	2.3603	6.7380	2.1226	.83172	121.48	1.7305
#2	.89150	2.3644	6.7494	2.1162	.83673	120.76	1.7216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23424	.25541	60.102	1.4173	.40932	4.6820	414.49
Stddev	.00005	.00011	.112	.0093	.00029	.0096	.91
%RSD	.01946	.04469	.18562	.65346	.07141	.20576	.21981

#1	.23427	.25533	60.180	1.4239	.40911	4.6752	413.84
#2	.23420	.25549	60.023	1.4108	.40953	4.6888	415.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5793	61.505	1.1087	.08283	8.6034	.82138	6.4718
Stddev	.0470	.121	.0021	.00012	.0385	.00327	.0271
%RSD	.54807	.19668	.19320	.14915	.44701	.39803	.41869

#1	8.6125	61.419	1.1072	.08274	8.6306	.82369	6.4526
#2	8.5460	61.590	1.1102	.08292	8.5762	.81906	6.4909

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.976	.44831	1.0050	8.4553	2.9116	1.1972	4.0387
Stddev	.130	.00037	.0089	.0127	.0181	.0033	.0185
%RSD	.65266	.08330	.88982	.15017	.62193	.27680	.45748

#1	20.069	.44805	.99865	8.4463	2.9244	1.1949	4.0518
#2	19.884	.44857	1.0113	8.4643	2.8988	1.1996	4.0257

Sample Name: J5696-03 Acquired: 10/30/2018 21:46:58 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5696-01MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44979	F 18.41	.11848	.51829	F<.00000
Stddev	.00183	.02	.00357	.06237	5.7417
%RSD	.40612	.1319	3.0147	12.035	4.2564

#1	.44849	18.42	.12101	.56239	-138.96
#2	.45108	18.39	.11595	.47418	-130.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.1	57765.	4167.6	103.51	2759.3
Stddev	4.1	243.	12.0	.10	7.6
%RSD	.14738	.42109	.28871	.09302	.27551

#1	2759.2	57593.	4159.1	103.58	2754.0
#2	2765.0	57937.	4176.1	103.44	2764.7

Sample Name: J5696-01A Acquired: 10/30/2018 21:50:53 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7630 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89833	2.3862	6.7771	2.1411	.84492	121.02	1.7348
Stddev	.00451	.0158	.0542	.0076	.00574	.34	.0035
%RSD	.50158	.66230	.80035	.35420	.67955	.27927	.20336

#1	.90152	2.3974	6.8155	2.1465	.84898	121.26	1.7323
#2	.89515	2.3750	6.7388	2.1358	.84086	120.79	1.7373

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23540	.25727	59.811	1.4291	.41276	4.6997	419.01
Stddev	.00070	.00243	.281	.0019	.00292	.0537	5.41
%RSD	.29834	.94388	.47025	.13212	.70756	1.1417	1.2903

#1	.23590	.25898	60.009	1.4304	.41482	4.7376	415.19
#2	.23490	.25555	59.612	1.4278	.41069	4.6617	422.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6574	61.997	1.1206	.08316	8.6468	.82525	6.5283
Stddev	.0819	.122	.0087	.00010	.0154	.00066	.0483
%RSD	.94572	.19670	.77410	.12314	.17859	.08042	.73917

#1	8.7153	61.911	1.1267	.08309	8.6359	.82478	6.4942
#2	8.5995	62.083	1.1144	.08323	8.6578	.82571	6.5624

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.995	.45172	1.0207	8.5089	2.8932	1.2111	4.0861
Stddev	.071	.00322	.0019	.0352	.0118	.0022	.0558
%RSD	.35584	.71347	.18998	.41328	.40736	.18061	1.3660

#1	19.945	.45400	1.0193	8.5338	2.9015	1.2127	4.0466
#2	20.045	.44944	1.0221	8.4840	2.8848	1.2096	4.1256

Sample Name: J5696-01A Acquired: 10/30/2018 21:50:53 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7630 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45281	F 18.54	.11219	.78786	F<.00000
Stddev	.00456	.12	.00663	.08783	.34643
%RSD	1.0073	.6208	5.9084	11.148	.26606

#1	.44958	18.62	.11688	.84996	-129.96
#2	.45603	18.45	.10751	.72575	-130.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.4	57344.	4133.2	102.50	2739.9
Stddev	24.9	230.	.9	.81	18.4
%RSD	.90668	.40076	.02170	.78629	.67006

#1	2731.8	57181.	4132.6	103.07	2726.9
#2	2767.0	57506.	4133.9	101.93	2752.8

Sample Name: J5696-04 Acquired: 10/30/2018 21:54:45 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SED-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06088	-.01571	5.7729	.06755	.00397	110.48	1.1424
Stddev	.00132	.00115	.0040	.00324	.00074	.84	.0097
%RSD	2.1724	7.3366	.07002	4.7970	18.664	.75878	.84446

#1	.05995	-.01489	5.7757	.06984	.00345	109.88	1.1356
#2	.06182	-.01652	5.7700	.06526	.00449	111.07	1.1492

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00781	.00771	44.359	.97545	.14563	4.2721	361.42
Stddev	.00032	.00088	.358	.01179	.00022	.0014	8.63
%RSD	4.1155	11.348	.80818	1.2083	.15286	.03176	2.3868

#1	.00758	.00710	44.106	.96711	.14579	4.2711	367.52
#2	.00803	.00833	44.613	.98378	.14547	4.2730	355.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6861	51.143	.49437	-.00146	4.4133	.39267	4.9856
Stddev	.0028	.229	.00029	.00189	.0533	.00502	.1422
%RSD	.07649	.44797	.05818	129.09	1.2083	1.2785	2.8521

#1	3.6842	50.981	.49457	-.00013	4.3756	.38912	5.0862
#2	3.6881	51.305	.49416	-.00280	4.4510	.39622	4.8851

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9812	.01219	.55967	4.6691	2.0653	.25779	2.8518
Stddev	.0915	.00064	.00904	.0070	.0030	.00071	.0082
%RSD	1.0188	5.2604	1.6144	.14931	.14641	.27540	.28759

#1	8.9165	.01173	.56606	4.6740	2.0675	.25830	2.8576
#2	9.0459	.01264	.55328	4.6641	2.0632	.25729	2.8460

Sample Name: J5696-04 Acquired: 10/30/2018 21:54:45 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-SED-02 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23991	F 10.04	-.13911	.85451	F<.00000
Stddev	.00018	.02	.01145	.17822	1.8700
%RSD	.07652	.1898	8.2305	20.856	1.7287

#1	.24004	10.05	-.14721	.98053	-106.85
#2	.23978	10.02	-.13102	.72849	-109.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.7	56988.	4137.5	107.09	2813.4
Stddev	1.1	153.	19.8	3.02	5.4
%RSD	.03934	.26851	.47941	2.8158	.19062

#1	2739.5	57096.	4151.5	104.96	2809.6
#2	2737.9	56879.	4123.5	109.23	2817.2

Sample Name: J5724-01 Acquired: 10/30/2018 21:58:35 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DARK-SOIL(NE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77970	.05698	1.2658	.10012	-.01675	132.84	1.3503
Stddev	.00075	.00177	.0021	.00276	.00015	.40	.0104
%RSD	.09654	3.1145	.16622	2.7577	.90612	.29735	.77060

#1	.78024	.05823	1.2673	.10207	-.01686	132.56	1.3577
#2	.77917	.05572	1.2643	.09816	-.01664	133.12	1.3430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	.01341	138.48	.38111	.11980	.59605	457.82
Stddev	.00025	.00044	1.09	.00190	.00039	.00086	3.57
%RSD	3.4492	3.3012	.78867	.49830	.32505	.14423	.78037

#1	.00709	.01309	139.25	.37977	.11952	.59544	460.34
#2	.00744	.01372	137.71	.38245	.12007	.59666	455.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5072	44.912	1.0289	-.01425	3.8765	F 14.840	4.0350
Stddev	.0006	.254	.0006	.00092	.0235	.005	.0583
%RSD	.01445	.56582	.05904	6.4272	.60523	.03067	1.4456

#1	4.5076	45.091	1.0293	-.01360	3.8931	14.843	4.0762
#2	4.5067	44.732	1.0284	-.01489	3.8600	14.837	3.9937

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.154	.03488	.48973	F 134.23	3.7630	.14162	1.4818
Stddev	.083	.00059	.00313	.11	.0555	.00030	.0135
%RSD	.68469	1.7013	.63929	.08559	1.4741	.20919	.91007

#1	12.213	.03530	.49195	134.15	3.8022	.14183	1.4914
#2	12.095	.03446	.48752	134.31	3.7238	.14141	1.4723

Sample Name: J5724-01 Acquired: 10/30/2018 21:58:35 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DARK-SOIL(NE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34555	F 10.75	1.3418	1.3483	F<.00000
Stddev	.00188	.00	.0056	.1564	1.8117
%RSD	.54419	.0110	.41998	11.601	1.1745

#1	.34688	10.75	1.3457	1.4589	-152.97
#2	.34422	10.75	1.3378	1.2377	-155.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.4	54839.	4007.6	103.39	2707.3
Stddev	2.4	53.	43.0	1.28	1.1
%RSD	.09253	.09740	1.0740	1.2353	.03904

#1	2639.1	54801.	3977.2	102.49	2708.0
#2	2635.7	54876.	4038.0	104.29	2706.5

Sample Name: J5724-02 Acquired: 10/30/2018 22:02:32 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAG(WHITE-ST Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01318	-.00476	.03374	-.00633	-.00995	1.5970	.07707	.00028
Stddev	.00607	.00126	.00042	.00527	.00046	.0042	.00307	.00004
%RSD	46.037	26.368	1.2555	83.253	4.5854	.26145	3.9780	13.816
#1	.00889	-.00565	.03404	-.00260	-.00963	1.5999	.07924	.00031
#2	.01747	-.00388	.03344	-.01006	-.01027	1.5940	.07490	.00025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00678	1541.9	.01025	.00099	.01700	7.3778	.51203	11.974
Stddev	.00004	37.5	.00023	.00006	.00000	.3622	.00320	.624
%RSD	.53087	2.4325	2.2799	6.5308	.02605	4.9086	.62560	5.2145
#1	.00676	1568.5	.01008	.00104	.01699	7.6339	.51430	12.416
#2	.00681	1515.4	.01041	.00095	.01700	7.1218	.50977	11.533
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	-.00089	.47230	.04726	.14846	4.6705	.00099	.17498
Stddev	.00004	.00045	.03026	.00023	.00570	.2069	.00016	.00792
%RSD	.93154	51.325	6.4066	.48877	3.8400	4.4288	16.348	4.5268
#1	.00470	-.00056	.49369	.04743	.15249	4.8168	.00110	.18058
#2	.00477	-.00121	.45090	.04710	.14443	4.5243	.00087	.16938
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1030.2	2.3017	-.38215	.02808	.02559	.8771	F 10.671	5.6836
Stddev	1.6	.0631	.00148	.00372	.00090	.0029	.132	.1729
%RSD	.15694	2.7397	.38854	13.249	3.5339	.3261	1.2347	3.0412
#1	1029.1	2.3462	-.38110	.03072	.02623	.8751	10.578	5.8059
#2	1031.4	2.2571	-.38320	.02545	.02495	.8791	10.764	5.5614

Sample Name: J5724-02 Acquired: 10/30/2018 22:02:32 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAG(WHITE-ST Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.397
Stddev	.571
%RSD	3.7096

#1	15.801
#2	14.994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.4	46532.	3518.9	99.263	2501.4
Stddev	1.5	289.	92.0	4.036	.3
%RSD	.06920	.62176	2.6149	4.0664	.01229

#1	2236.3	46328.	3453.8	96.408	2501.7
#2	2238.5	46737.	3584.0	102.12	2501.2

Sample Name: J5724-03 Acquired: 10/30/2018 22:06:43 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FIBER-MATERI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00342	-.04258	-.10095	.19283	.00653	28.160	.72953	.00447
Stddev	.00262	.00052	.00380	.00576	.00083	.160	.00285	.00021
%RSD	76.437	1.2224	3.7663	2.9857	12.664	.56715	.39005	4.7872
#1	.00157	-.04295	-.10364	.19690	.00594	28.048	.72752	.00462
#2	.00528	-.04221	-.09826	.18876	.00711	28.273	.73155	.00432
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02807	1724.2	-.00703	.02225	.05603	F 1061.2	F 56.120	26.963
Stddev	.00045	30.1	.00027	.00012	.00070	1.3	.173	.123
%RSD	1.6118	1.7440	3.9003	.52792	1.2516	.12449	.30816	.45618
#1	.02775	1702.9	-.00683	.02216	.05553	1062.1	55.998	27.050
#2	.02839	1745.4	-.00722	.02233	.05653	1060.3	56.243	26.876
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12518	-.02673	2.3995	2.1328	1.2457	2.7856	-.00673	2.2497
Stddev	.00083	.00099	.0204	.0010	.0025	.0088	.00020	.0096
%RSD	.66060	3.6903	.85074	.04815	.20079	.31422	2.9766	.42655
#1	.12577	-.02603	2.3850	2.1321	1.2474	2.7918	-.00659	2.2429
#2	.12460	-.02743	2.4139	2.1336	1.2439	2.7794	-.00687	2.2565
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.011	F 22.631	.01343	.60731	.06477	F 17.64	.77977	2.0060
Stddev	.044	.120	.00255	.00265	.00151	.06	.01678	.0299
%RSD	.13355	.52968	18.997	.43680	2.3317	.3300	2.1524	1.4912
#1	33.042	22.546	.01523	.60544	.06371	17.68	.76790	2.0272
#2	32.980	22.716	.01162	.60919	.06584	17.60	.79163	1.9849

Sample Name: J5724-03 Acquired: 10/30/2018 22:06:43 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FIBER-MATERI Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.5	45313.	3565.2	88.767	2145.9
Stddev	8.3	17.	9.3	.204	3.6
%RSD	.38110	.03735	.26096	.23000	.16764
#1	2159.7	45325.	3571.8	88.623	2143.4
#2	2171.4	45301.	3558.6	88.912	2148.5

Sample Name: J5724-04 Acquired: 10/30/2018 22:10:48 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RED-SHALE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09864	-.02408	.49686	.10908	.00315	272.81	1.4871
Stddev	.00230	.00063	.01145	.00791	.00010	2.57	.0442
%RSD	2.3301	2.6364	2.3051	7.2548	3.0172	.94142	2.9693

#1	.09702	-.02453	.50496	.10348	.00309	271.00	1.4559
#2	.10027	-.02363	.48876	.11467	.00322	274.63	1.5183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01702	.00299	63.068	.43303	.32644	.28592	586.58
Stddev	.00030	.00358	1.950	.00095	.00043	.00246	29.73
%RSD	1.7536	119.83	3.0924	.21913	.13204	.86113	5.0690

#1	.01681	.00552	61.689	.43370	.32674	.28766	565.56
#2	.01723	.00046	64.448	.43236	.32613	.28417	607.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0946	130.16	.71448	-.00084	2.3279	.57695	2.1715
Stddev	.0374	4.09	.00002	.00299	.0681	.00321	.0960
%RSD	.41107	3.1405	.00339	355.65	2.9263	.55688	4.4216

#1	9.0681	127.27	.71450	-.00296	2.2797	.57468	2.1036
#2	9.1210	133.05	.71446	.00128	2.3760	.57922	2.2394

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.338	.00159	.62498	3.7313	4.8258	.05235	2.3641
Stddev	.716	.00065	.03178	.0063	.1365	.00113	.0966
%RSD	2.8250	41.093	5.0851	.16888	2.8278	2.1517	4.0871

#1	24.832	.00205	.60251	3.7268	4.7293	.05155	2.2957
#2	25.844	.00113	.64745	3.7357	4.9223	.05314	2.4324

Sample Name: J5724-04 Acquired: 10/30/2018 22:10:48 Type: Unk
 Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RED-SHALE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.92023	7.085	-.32658	<.00000	F<.00000
Stddev	.03937	.021	.02266	.10428	.22365
%RSD	4.2783	.2896	6.9385	8.4871	.09975

#1	.89239	7.100	-.31056	-1.1550	-224.38
#2	.94806	7.071	-.34261	-1.3025	-224.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.8	59811.	4435.5	101.15	2619.4
Stddev	6.8	46.	100.9	4.50	5.8
%RSD	.23445	.07712	2.2757	4.4538	.22298

#1	2894.0	59843.	4506.9	104.33	2615.2
#2	2903.6	59778.	4364.1	97.962	2623.5

Sample Name: CCV08 Acquired: 10/30/2018 22:14:50 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9229	5.0633	5.0081	4.9272	4.8799	10.319	9.6341	.26105
Stddev	.0219	.0217	.0223	.0256	.0203	.094	.1735	.00135
%RSD	.44507	.42848	.44446	.51934	.41688	.91562	1.8010	.51870
#1	4.9384	5.0787	5.0238	4.9453	4.8943	10.252	9.5114	.26009
#2	4.9074	5.0480	4.9924	4.9091	4.8655	10.386	9.7568	.26200
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5167	25.783	1.0939	2.4917	1.2608	5.1235	2.6310	24.674
Stddev	.0090	.322	.0048	.0124	.0041	.0541	.0139	.488
%RSD	.35669	1.2505	.44171	.49765	.32293	1.0567	.52731	1.9786
#1	2.5230	25.555	1.0905	2.5005	1.2636	5.0853	2.6212	24.329
#2	2.5103	26.011	1.0974	2.4830	1.2579	5.1618	2.6408	25.019
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5222	1.3069	24.251	2.5824	2.6377	24.333	4.9781	5.0315
Stddev	.0020	.0043	.424	.0140	.0124	.412	.0200	.1009
%RSD	.07908	.32587	1.7486	.54252	.47144	1.6931	.40107	2.0060
#1	2.5236	1.3039	23.952	2.5725	2.6289	24.042	4.9922	4.9601
#2	2.5208	1.3100	24.551	2.5923	2.6465	24.625	4.9640	5.1028
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8641	5.0825	5.0469	4.8378	4.9023	5.005	5.0194	F 4.1120
Stddev	.0165	.0577	.0166	.0715	.0945	.024	.0893	.0296
%RSD	.34032	1.1358	.32874	1.4786	1.9271	.4881	1.7800	.72048
#1	4.8758	5.0417	5.0587	4.7872	4.8355	5.023	4.9562	4.0910
#2	4.8524	5.1233	5.0352	4.8884	4.9691	4.988	5.0826	4.1329

Sample Name: CCV08 Acquired: 10/30/2018 22:14:50 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14095 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.1516
Stddev	.5316
%RSD	12.805

#1	3.7757
#2	4.5275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.6	51318.	3724.8	107.65	2901.4
Stddev	10.7	190.	37.2	.56	12.1
%RSD	.42988	.36971	.99785	.51616	.41733

#1	2477.1	51452.	3751.1	108.04	2892.8
#2	2492.2	51184.	3698.6	107.25	2909.9

Sample Name: CCB08 Acquired: 10/30/2018 22:18:35 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00002	.00003	.00047	-.00071	-.01339	.00133	.00005
Stddev	.00210	.00031	.00048	.00265	.00063	.01867	.00012	.00001
%RSD	62.974	1371.9	1776.0	557.16	89.030	139.43	9.3818	19.359
#1	.00482	-.00024	-.00031	.00235	-.00026	-.02660	.00142	.00006
#2	.00185	.00020	.00036	-.00140	-.00116	-.00019	.00124	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00303	-.00035	.00008	-.00039	-.00180	.00005	-.01934
Stddev	.00001	.02274	.00007	.00014	.00066	.00218	.00001	.03419
%RSD	60.160	749.59	19.463	170.54	168.89	120.93	26.449	176.77
#1	.00001	-.01911	-.00040	-.00002	-.00086	-.00026	.00004	.00483
#2	.00003	.01304	-.00031	.00018	.00008	-.00334	.00006	-.04352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00042	-.01035	.00016	-.00055	-.01215	.00002	.00662
Stddev	.00037	.00035	.00764	.00029	.00013	.01824	.00004	.00077
%RSD	140.17	82.161	73.770	186.83	23.499	150.13	245.46	11.670
#1	.00000	.00067	-.01575	-.00005	-.00065	-.02504	.00004	.00716
#2	.00053	.00018	-.00495	.00036	-.00046	.00075	-.00001	.00607
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	-.00327	-.00047	-.00219	.00030	.0010	.00008	F 3.1206
Stddev	.00648	.00214	.00048	.00165	.00055	.0007	.00000	.0227
%RSD	243.13	65.530	100.87	75.022	183.16	75.28	5.0740	.72754
#1	.00724	-.00176	-.00081	-.00336	.00068	.0005	.00007	3.1366
#2	-.00192	-.00479	-.00014	-.00103	-.00009	.0015	.00008	3.1045

Sample Name: CCB08 Acquired: 10/30/2018 22:18:35 Type: Unk
Method: P4-ICP2(v2534) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14095 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .99296
Stddev	.39999
%RSD	40.283

#1	.71013
#2	1.2758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.1	53455.	3681.3	111.38	3232.2
Stddev	15.7	60.	1.3	.58	23.8
%RSD	.60612	.11162	.03641	.51849	.73618

#1	2585.0	53412.	3680.4	111.78	3215.4
#2	2607.2	53497.	3682.3	110.97	3249.0