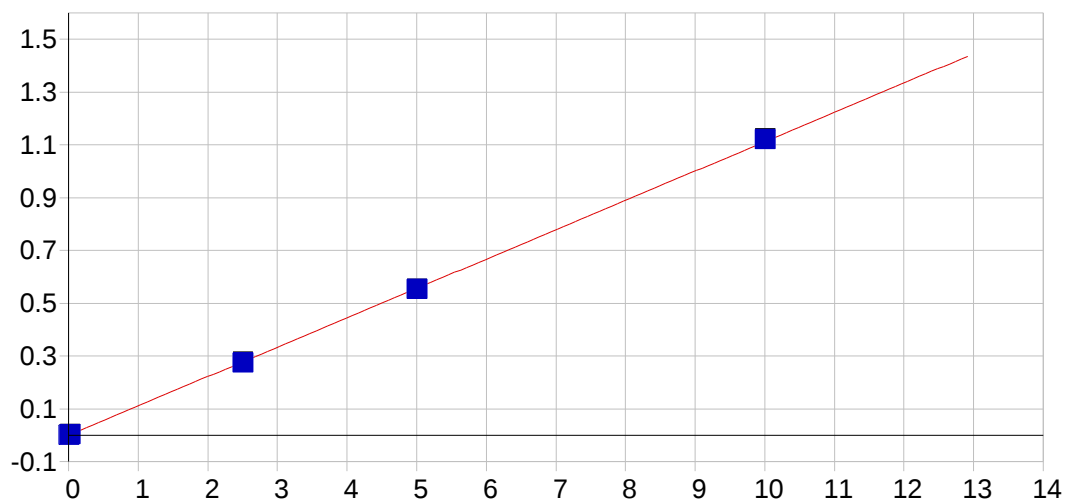




As 189.042 {478}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000339

Re-Slope: 1.000000

A1 (Gain): 0.111233

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999967

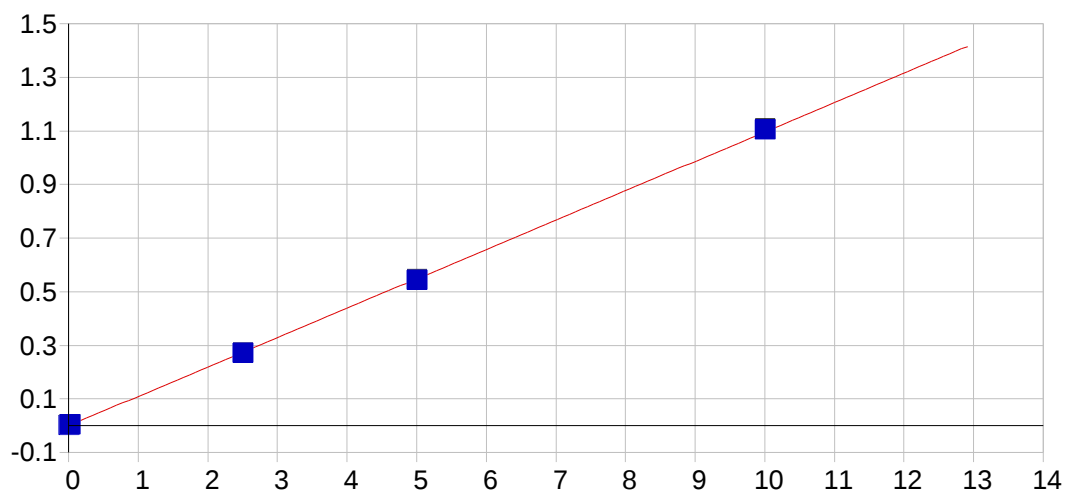
Status: OK.

Std Error of Est: 0.000022

Predicted MDL: 0.002207

Predicted MQL: 0.007356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.02000	.02118	.001	5.89	.00202	.000	1
S3	2.5000	2.4677	-.032	-1.29	.27413	.001	1
S4	5.0000	4.9661	-.034	-.679	.55201	.001	1
S5	10.000	10.065	.065	.650	1.1191	.004	1



As 189.042 {479}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

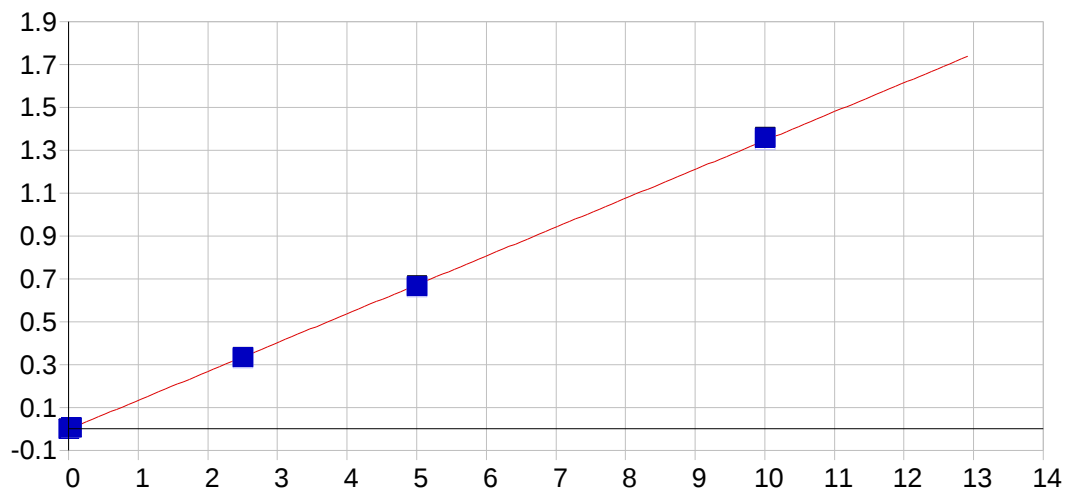
Weighting: 1/Conc

A0 (Offset): -0.000431

Re-Slope: 1.000000

A1 (Gain): 0.109626 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001656
 Predicted MQL: 0.005518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.02000	.02159	.002	7.93	.00194	.000	1
S3	2.5000	2.4652	-.035	-1.39	.26982	.001	1
S4	5.0000	4.9606	-.039	-.787	.54339	.002	1
S5	10.000	10.073	.073	.726	1.1038	.003	1

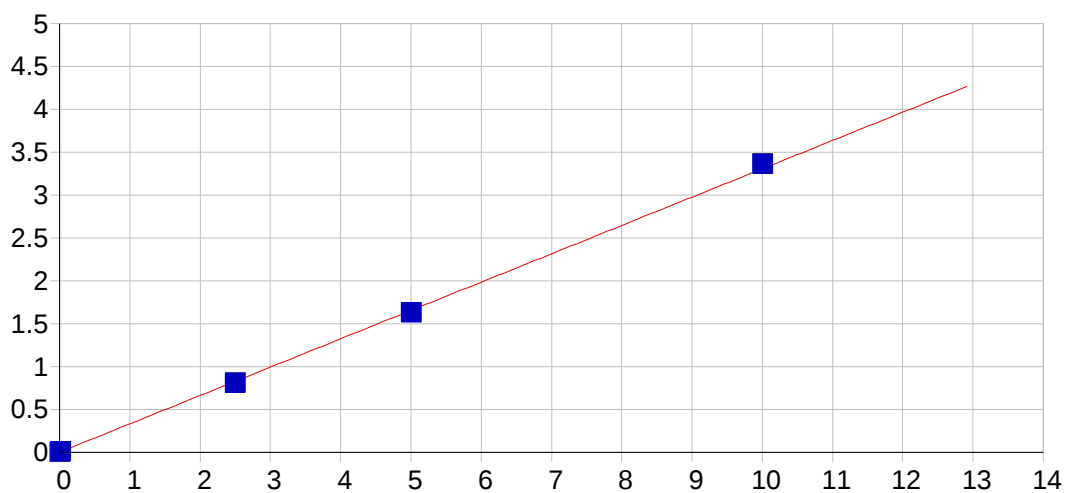


TI 190.856 {477}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000947 Re-Slope: 1.000000
 A1 (Gain): 0.134647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.001171
 Predicted MQL: 0.003903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00095	.000	1
S1	.04000	.04630	.006	15.7	.00515	.000	1
S3	2.5000	2.4689	-.031	-1.25	.32802	.000	1
S4	5.0000	4.9380	-.062	-1.24	.65704	.002	1
S5	10.000	10.087	.087	.869	1.3434	.001	1

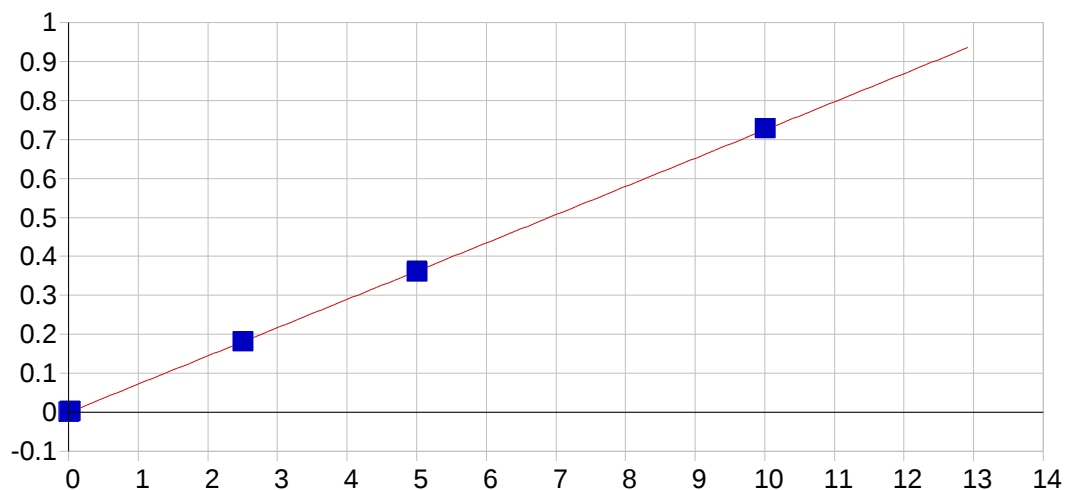


Pb 220.353 {453}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003061 Re-Slope: 1.000000
 A1 (Gain): 0.330310 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.000827
 Predicted MQL: 0.002757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00306	.000	1
S1	.01200	.01315	.001	9.58	.00733	.000	1
S3	2.5000	2.4300	-.070	-2.80	.80457	.003	1
S4	5.0000	4.9077	-.092	-1.85	1.6219	.006	1
S5	10.000	10.161	.161	1.61	3.3548	.004	1



Se 196.090 {472}

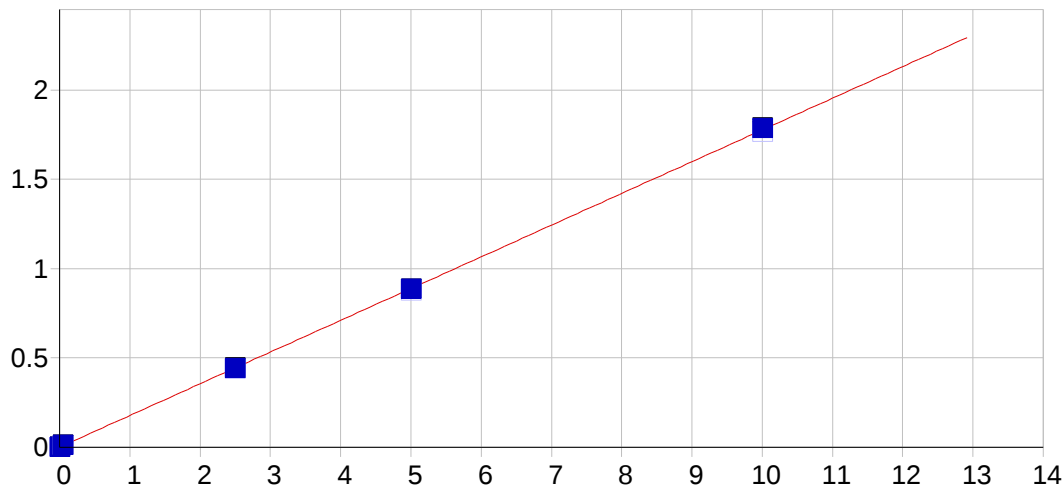
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.072430 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000010
 Predicted MDL: 0.002772
 Predicted MQL: 0.009239

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02205	.002	10.3	.00148	.000	1
S3	2.5000	2.4880	-.012	-.479	.18007	.001	1
S4	5.0000	4.9720	-.028	-.559	.35996	.001	1
S5	10.000	10.038	.038	.379	.72684	.001	1



Sb 206.833 {463}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

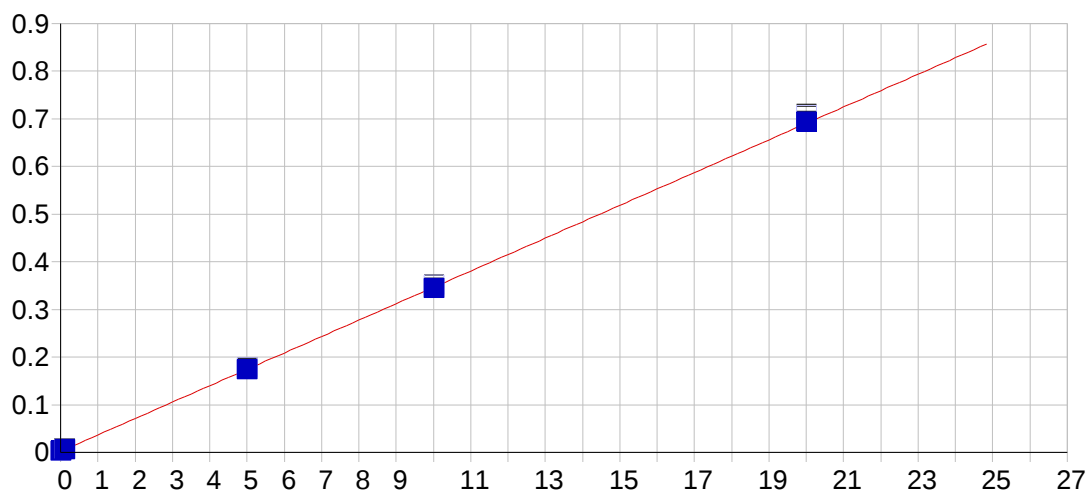
Weighting: 1/Conc

A0 (Offset): 0.000570
 A1 (Gain): 0.177539
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000057
 Predicted MDL: 0.001547
 Predicted MQL: 0.005157

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	.00057	.000	1
S1	.05000	.05641	.006	12.8	.01036	.000	1
S3	2.5000	2.4853	-.015	-.589	.43681	.002	1
S4	5.0000	4.9701	-.030	-.598	.87297	.002	1
S5	10.000	10.038	.038	.383	1.7628	.004	1

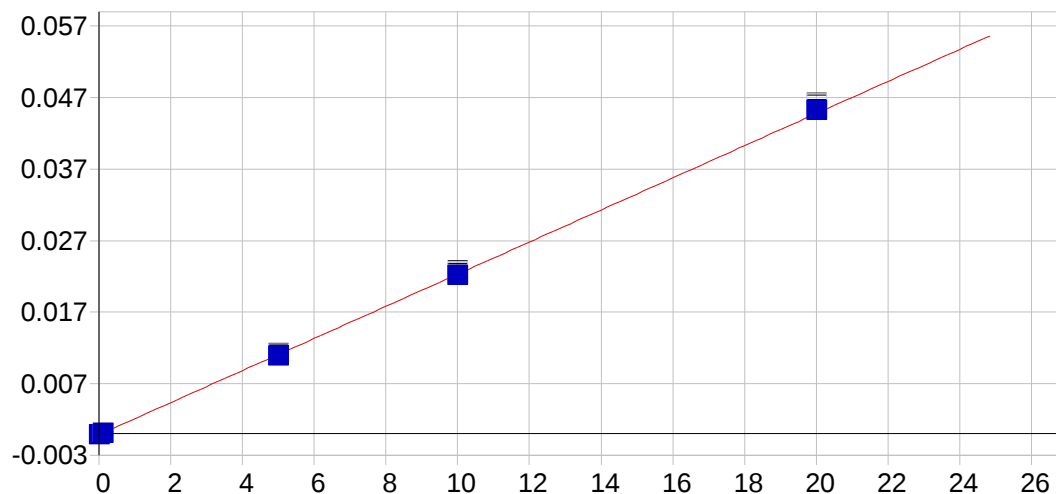


AI 308.215 {109}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002236 Re-Slope: 1.000000
 A1 (Gain): 0.034415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002468
 Predicted MQL: 0.008226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00224	.000	1
S1	.10000	.10897	.009	8.97	.00622	.000	1
S3	5.0000	4.9844	-.016	-.312	.17720	.001	1
S4	10.000	9.9281	-.072	-.719	.35077	.000	1
S5	20.000	20.078	.078	.390	.70693	.002	1



AI 309.271 {109}

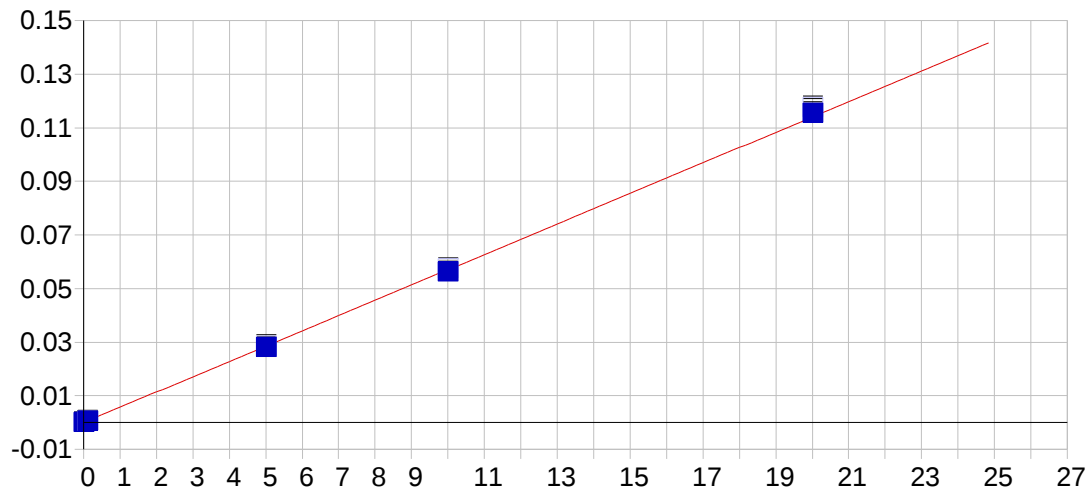
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000127 Re-Slope: 1.000000
 A1 (Gain): 0.002245 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933
 Std Error of Est: 0.000002
 Predicted MDL: 0.022039
 Predicted MQL: 0.073462

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00013	.000	1
S1	.10000	.09193	-.008	-8.07	.00009	.000	1
S3	5.0000	4.9085	-.092	-1.83	.01112	.000	1
S4	10.000	9.9113	-.089	-.887	.02257	.000	1
S5	20.000	20.189	.189	.943	.04609	.000	1

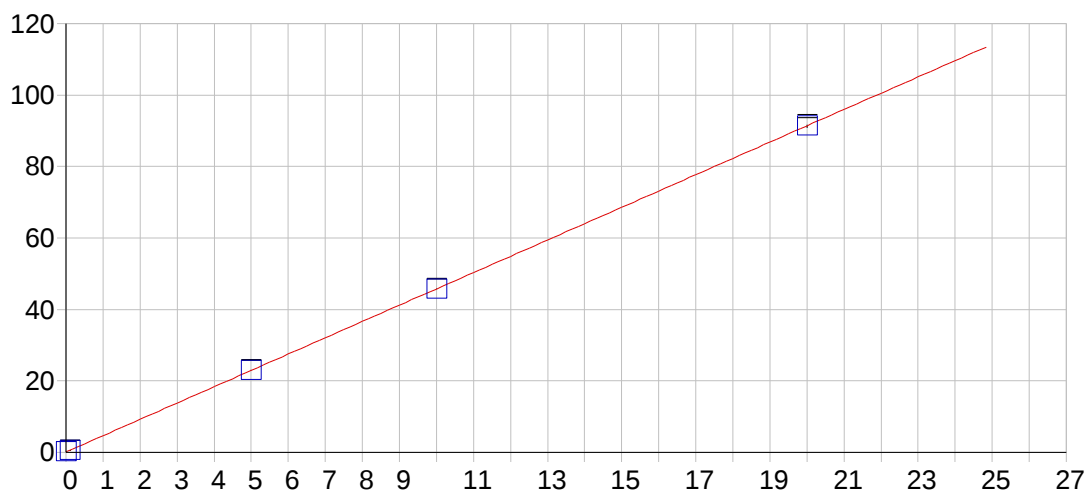


AI 396.152 { 85}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.005701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.013203
 Predicted MQL: 0.044008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.10000	.09856	-.001	-1.44	.00058	.000	1
S3	5.0000	4.9089	-.091	-1.82	.02853	.000	1
S4	10.000	9.8724	-.128	-1.28	.05740	.000	1
S5	20.000	20.220	.220	1.10	.11753	.001	1

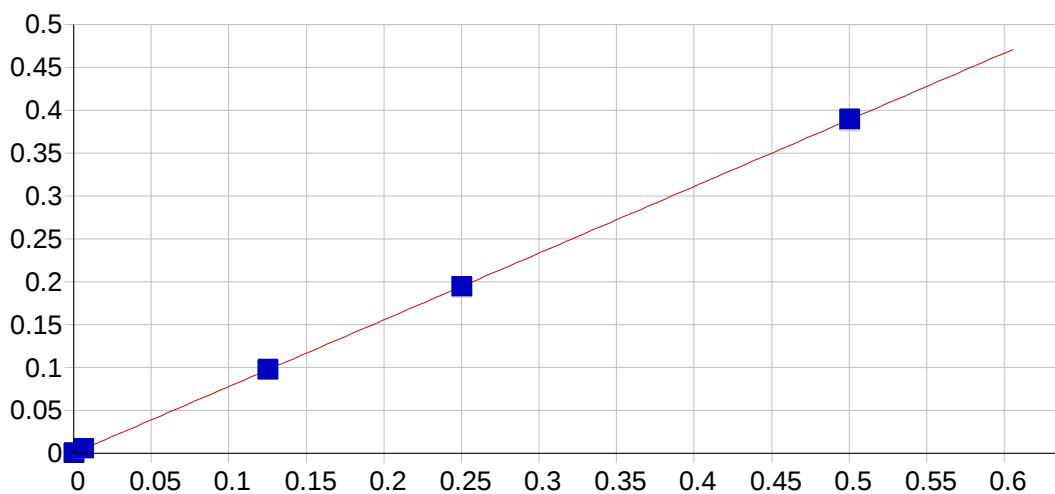


Ba 493.409 { 68}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.122799 Re-Slope: 1.000000
 A1 (Gain): 4.563634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.001455
 Predicted MDL: 0.000754
 Predicted MQL: 0.002512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.12276	.005	1
S1	.10000	.10735	.007	7.35	.61269	.001	1
S3	5.0000	5.0151	.015	.303	23.010	.172	1
S5	20.000	19.978	-.022	-.111	91.294	.426	1
S4	10.000	9.9998	-.000	-.002	45.758	.120	1



Be 234.861 {144}

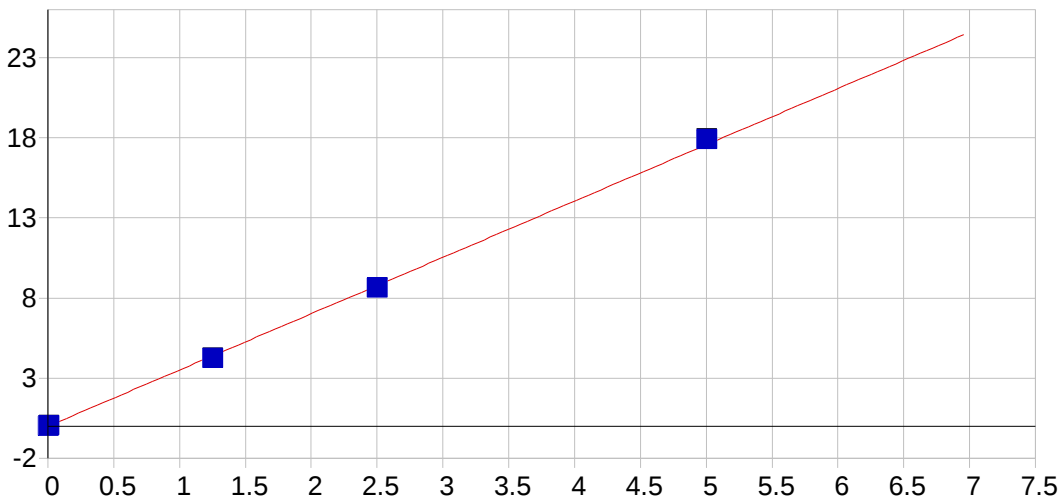
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000057 Re-Slope: 1.000000
 A1 (Gain): 0.777640 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000013
 Predicted MDL: 0.000061
 Predicted MQL: 0.000205

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00641	.000	6.75	.00499	.000	1
S3	.12500	.12510	.000	.084	.09673	.000	1
S4	.25000	.24925	-.001	-.300	.19266	.000	1
S5	.50000	.50024	.000	.048	.38662	.000	1



Cd 226.502 {449}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

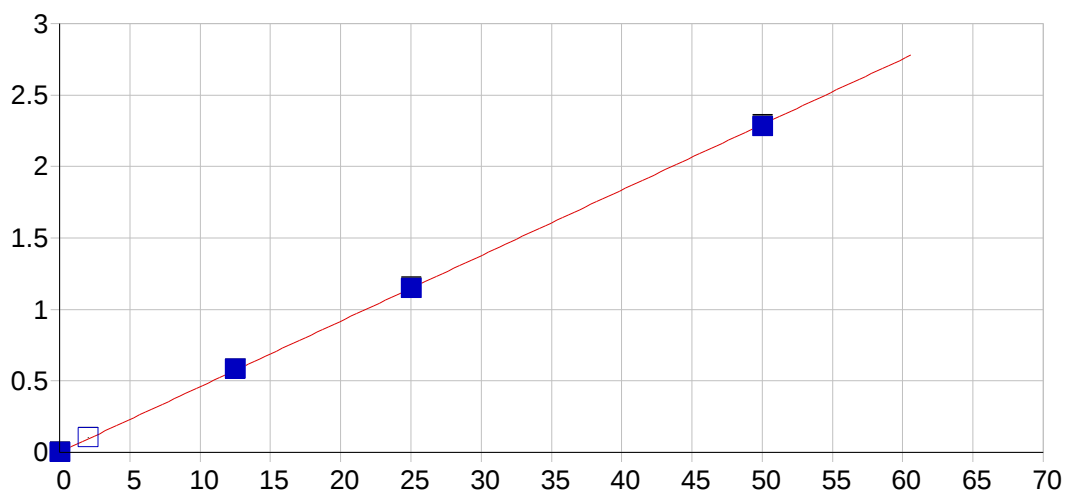
Weighting: 1/Conc

A0 (Offset): -0.001034
 A1 (Gain): 3.513079
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752
 Std Error of Est: 0.000732
 Predicted MDL: 0.000082
 Predicted MQL: 0.000272

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	-.00103	.000	1
S1	.00600	.00602	.000	.301	.02015	.000	1
S3	1.2500	1.2047	-.045	-3.62	4.2323	.011	1
S4	2.5000	2.4515	-.049	-1.94	8.6131	.024	1
S5	5.0000	5.0938	.094	1.88	17.898	.032	1

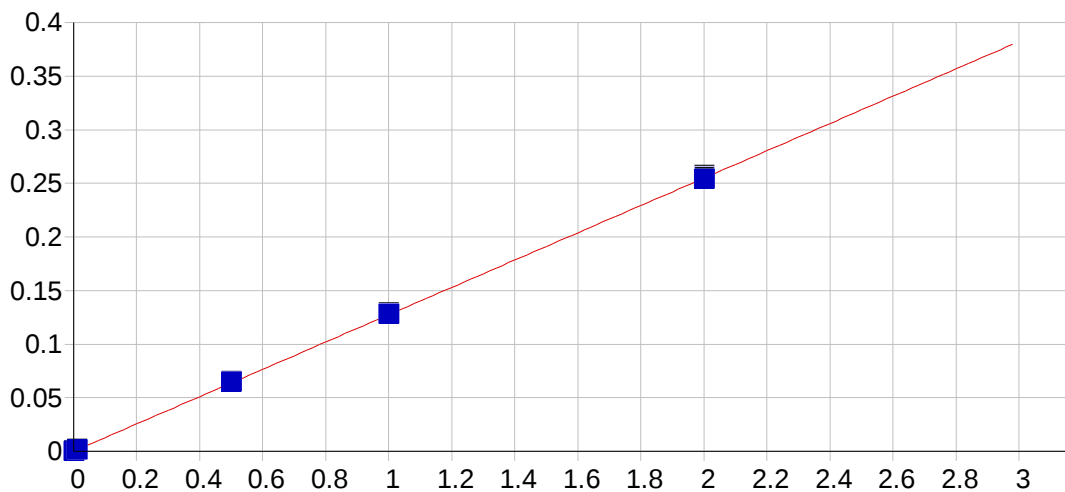


Ca 373.690 { 90}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000942 Re-Slope: 1.000000
 A1 (Gain): 0.045858 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000449
 Predicted MDL: 0.017053
 Predicted MQL: 0.056842

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2217	.222	11.1	.10283	.001	1
S0	.00000	-.00023	-.000	.000	.00093	.001	1
S3	12.500	12.638	.138	1.10	.58078	.003	1
S4	25.000	25.009	.009	.035	1.1484	.007	1
S5	50.000	49.632	-.368	-.736	2.2782	.013	1



Cr 267.716 {126}

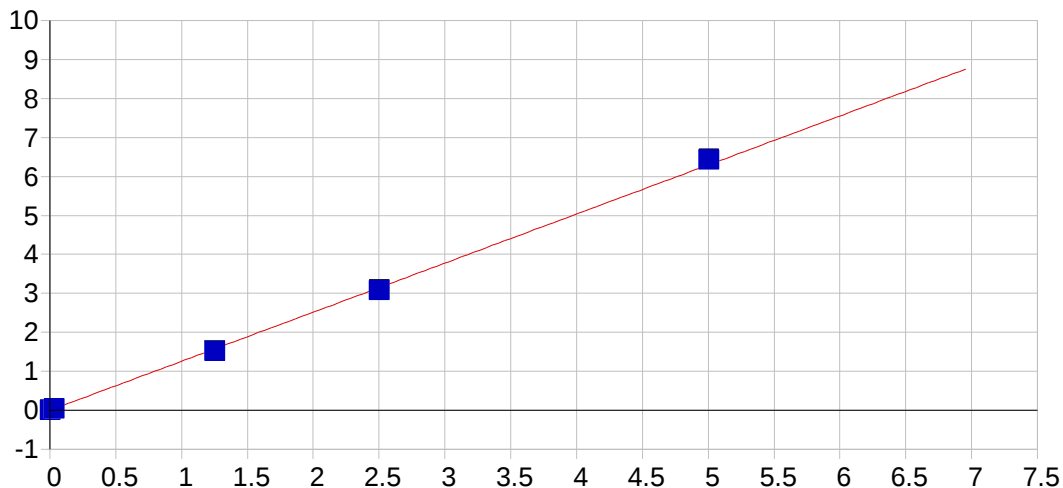
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.127381 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000006
 Predicted MDL: 0.000452
 Predicted MQL: 0.001507

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01083	.001	8.29	.00145	.000	1
S3	.50000	.50430	.004	.861	.06478	.000	1
S4	1.0000	1.0013	.001	.133	.12856	.001	1
S5	2.0000	1.9935	-.006	-.323	.25590	.001	1



Co 228.616 {447}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

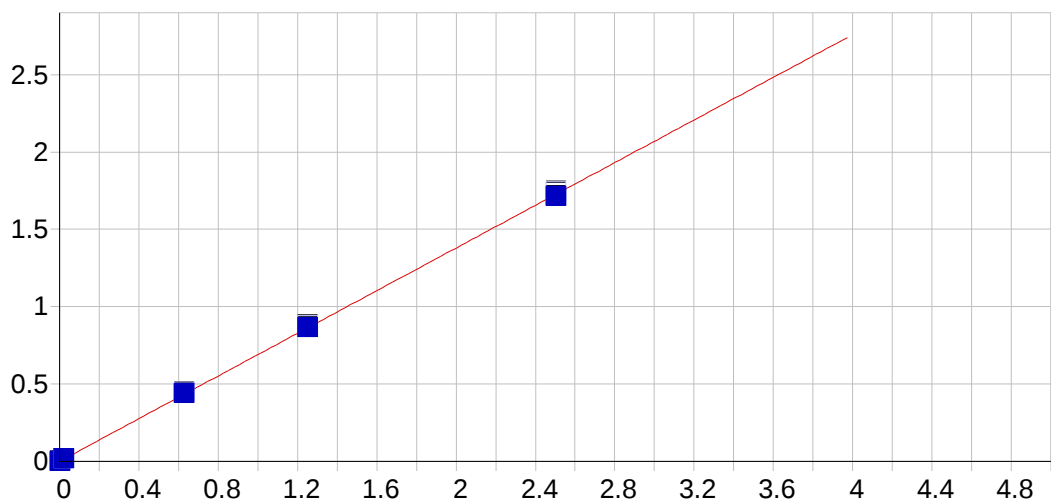
Weighting: 1/Conc

A0 (Offset): -0.000341
 A1 (Gain): 1.258860
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999704
 Std Error of Est: 0.000642
 Predicted MDL: 0.000207
 Predicted MQL: 0.000689

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	-.00034	.000	1
S1	.03000	.03323	.003	10.8	.04124	.000	1
S3	1.2500	1.2060	-.044	-3.52	1.5190	.004	1
S4	2.5000	2.4420	-.058	-2.32	3.0762	.008	1
S5	5.0000	5.0989	.099	1.98	6.4234	.012	1

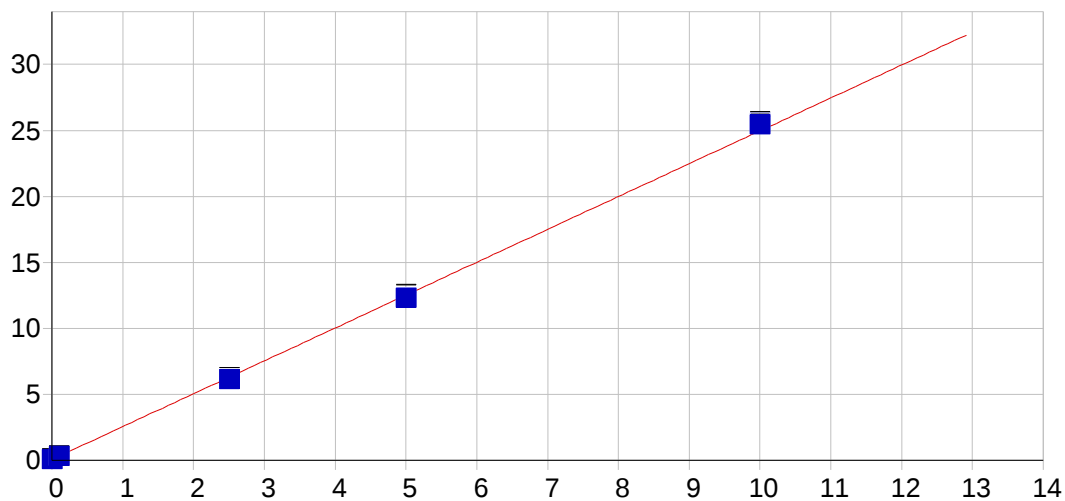


Cu 224.700 {450}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000572 Re-Slope: 1.000000
 A1 (Gain): 0.689512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.000468
 Predicted MQL: 0.001559

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.02000	.02286	.003	14.3	.01656	.000	1
S3	.62500	.63653	.012	1.84	.44678	.001	1
S4	1.2500	1.2517	.002	.133	.87823	.003	1
S5	2.5000	2.4839	-.016	-.642	1.7425	.004	1



Fe 240.488 {140}

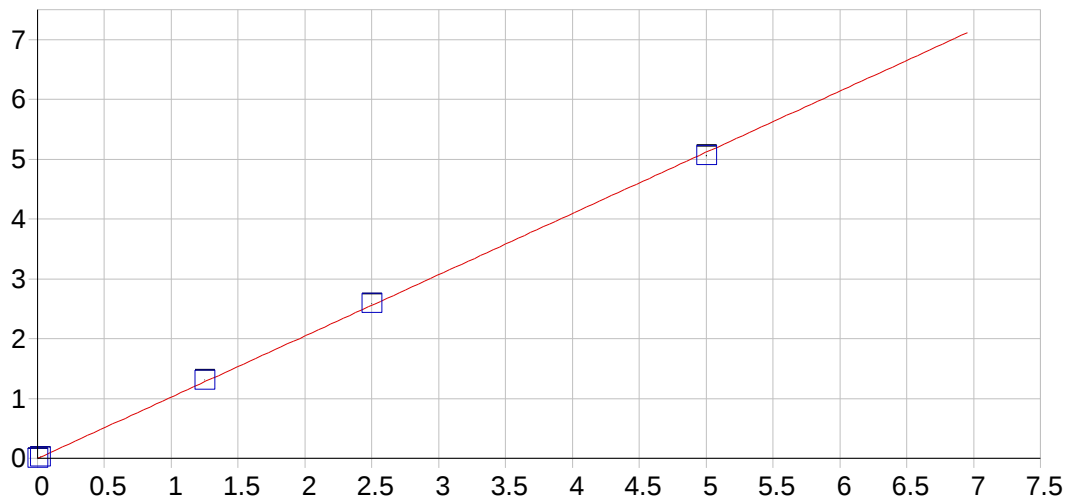
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.063350 Re-Slope: 1.000000
 A1 (Gain): 2.490791 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999765
 Std Error of Est: 0.002937
 Predicted MDL: 0.004872
 Predicted MQL: 0.016240

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.06337	.010	1
S1	.10000	.09503	-.005	-4.97	.30127	.020	1
S3	2.5000	2.4243	-.076	-3.03	6.1331	.136	1
S4	5.0000	4.8930	-.107	-2.14	12.313	.254	1
S5	10.000	10.188	.188	1.88	25.564	.104	1



Mn 257.610 {131}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

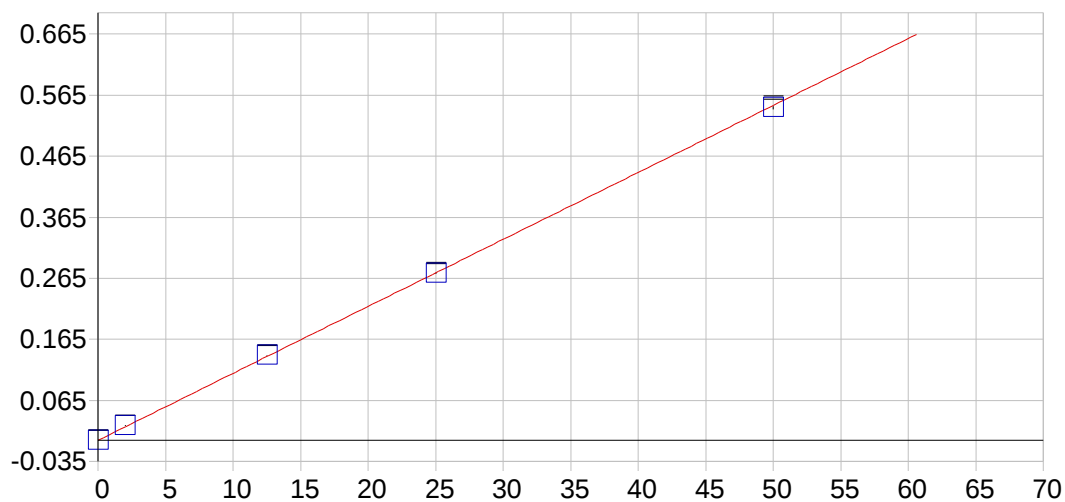
Weighting: 1/Conc

A0 (Offset): 0.000215
 A1 (Gain): 1.023150
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.000275
 Predicted MDL: 0.000059
 Predicted MQL: 0.000196

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	.00021	.000	1
S1	.02000	.02339	.003	17.0	.02415	.000	1
S3	1.2500	1.2791	.029	2.33	1.3090	.004	1
S4	2.5000	2.5252	.025	1.01	2.5839	.005	1
S5	5.0000	4.9423	-.058	-1.15	5.0569	.010	1

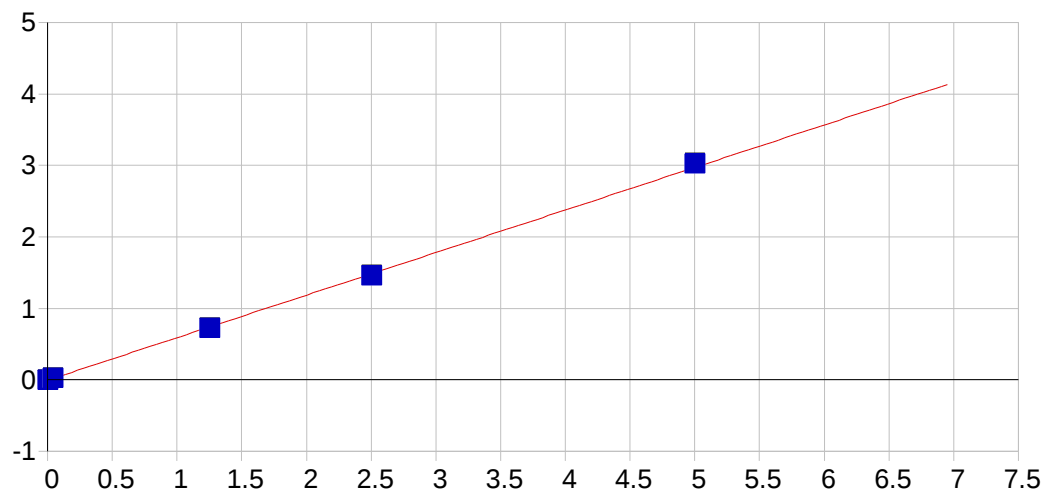


Mg 279.079 {121}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000511 Re-Slope: 1.000000
 A1 (Gain): 0.010971 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.034503
 Predicted MQL: 0.115010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1951	.195	9.76	.02357	.000	1
S0	.00000	-.00021	-.000	.000	-.00051	.000	1
S3	12.500	12.674	.174	1.39	.13854	.000	1
S4	25.000	24.970	-.030	-.120	.27345	.001	1
S5	50.000	49.661	-.339	-.678	.54434	.002	1



Ni 231.604 {445}

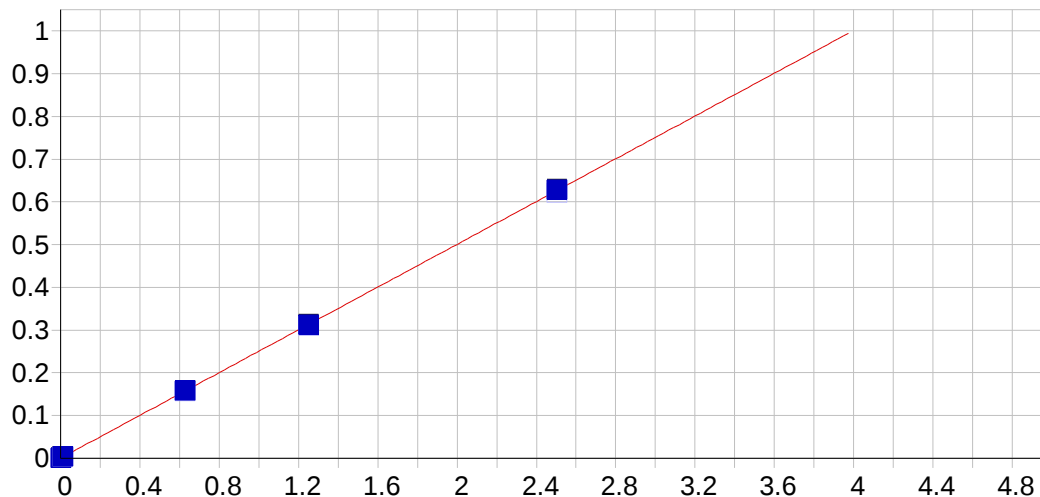
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005340 Re-Slope: 1.000000
 A1 (Gain): 0.595354 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784
 Std Error of Est: 0.000300
 Predicted MDL: 0.000402
 Predicted MQL: 0.001339

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00534	.000	1
S1	.04000	.04436	.004	10.9	.02108	.000	1
S3	1.2500	1.2139	-.036	-2.88	.71820	.001	1
S4	2.5000	2.4506	-.049	-1.98	1.4553	.005	1
S5	5.0000	5.0811	.081	1.62	3.0230	.003	1



Ag 328.068 {103}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

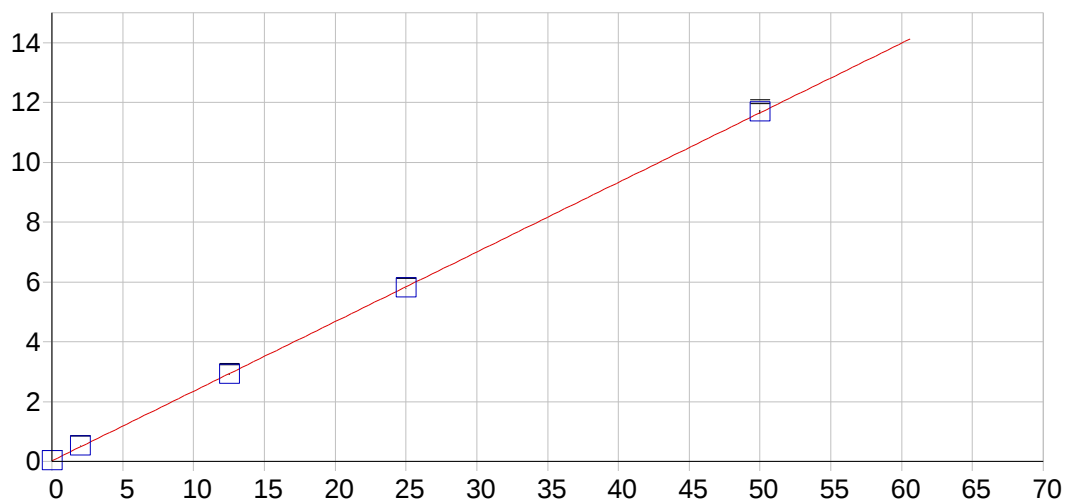
Weighting: 1/Conc

A0 (Offset): 0.000363
 A1 (Gain): 0.250209
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000009
 Predicted MDL: 0.000434
 Predicted MQL: 0.001446

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	.00036	.000	1
S1	.01000	.01054	.001	5.35	.00295	.000	1
S3	.62500	.62526	.000	.042	.15504	.000	1
S4	1.2500	1.2431	-.007	-.550	.30786	.001	1
S5	2.5000	2.5061	.006	.243	.62031	.001	1

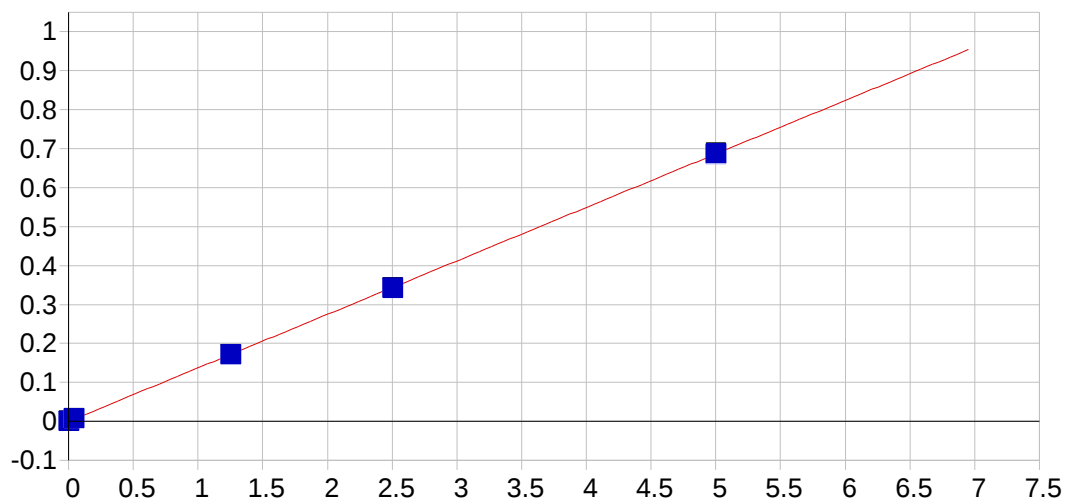


Na 589.592 { 57}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017618 Re-Slope: 1.000000
 A1 (Gain): 0.232776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.001367
 Predicted MDL: 0.010979
 Predicted MQL: 0.036596

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1263	.126	6.31	.51256	.002	1
S0	.00000	-.00011	-.000	.000	.01759	.000	1
S3	12.500	12.435	-.065	-.523	2.9121	.022	1
S4	25.000	24.798	-.202	-.808	5.7900	.016	1
S5	50.000	50.141	.141	.282	11.689	.068	1



V 292.402 {115}

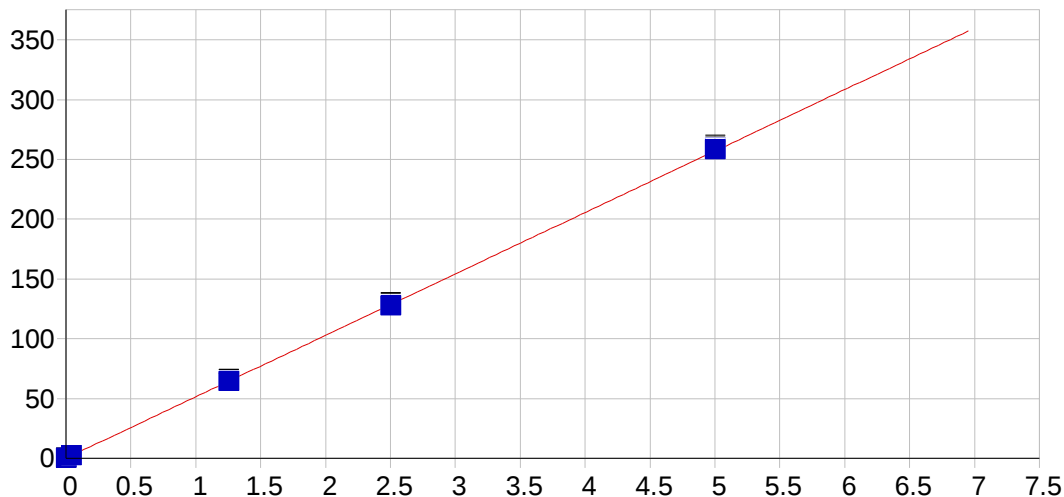
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.137313 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000038
 Predicted MDL: 0.000505
 Predicted MQL: 0.001682

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.04000	.04657	.007	16.4	.00619	.000	1
S3	1.2500	1.2461	-.004	-.314	.16986	.001	1
S4	2.5000	2.4898	-.010	-.406	.33952	.001	1
S5	5.0000	5.0076	.008	.151	.68299	.001	1



Zn 206.200 {163}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

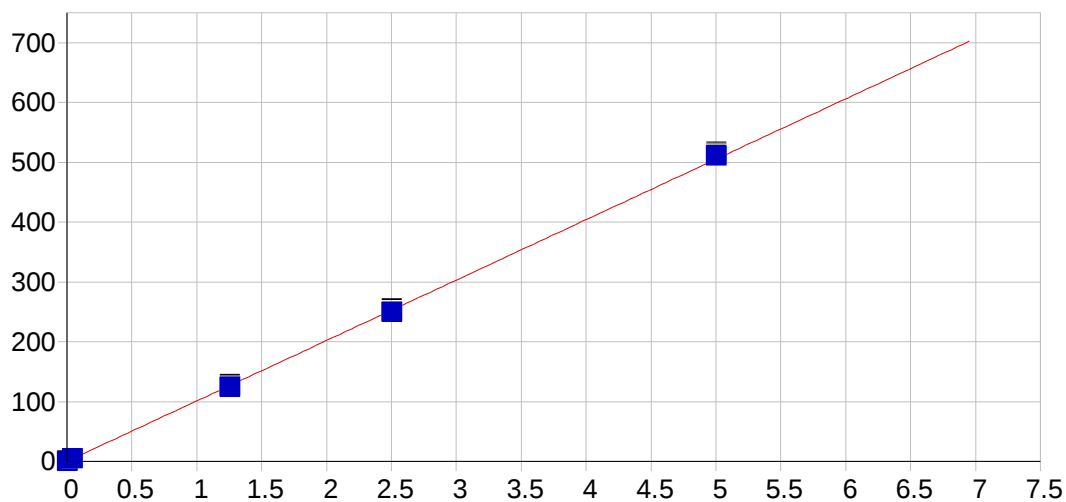
Weighting: 1/Conc

A0 (Offset): 0.065055
 A1 (Gain): 51.394909
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.013123
 Predicted MDL: 0.000289
 Predicted MQL: 0.000964

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	.06482	.011	1
S1	.04000	.04500	.005	12.5	2.3915	.012	1
S3	1.2500	1.2449	-.005	-.409	64.434	1.66	1
S4	2.5000	2.4765	-.023	-.939	128.12	1.99	1
S5	5.0000	5.0236	.024	.472	259.81	1.77	1

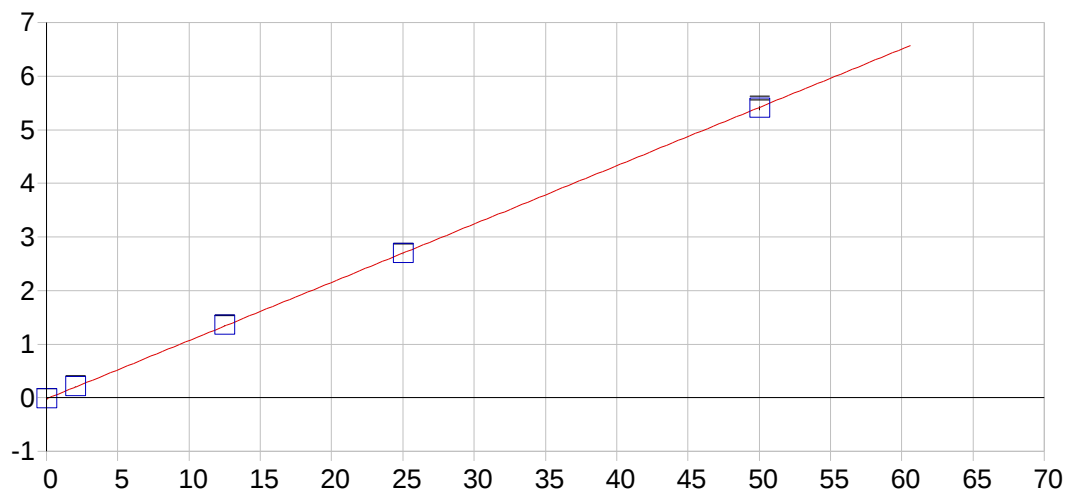


Zn 213.856 {458}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.085311 Re-Slope: 1.000000
 A1 (Gain): 101.007645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.038376
 Predicted MDL: 0.000074
 Predicted MQL: 0.000245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08478	.007	1
S1	.04000	.04602	.006	15.1	4.7604	.052	1
S3	1.2500	1.2306	-.019	-1.56	125.14	3.06	1
S4	2.5000	2.4650	-.035	-1.40	250.60	3.99	1
S5	5.0000	5.0484	.048	.968	513.07	3.95	1



K 766.490 {44}

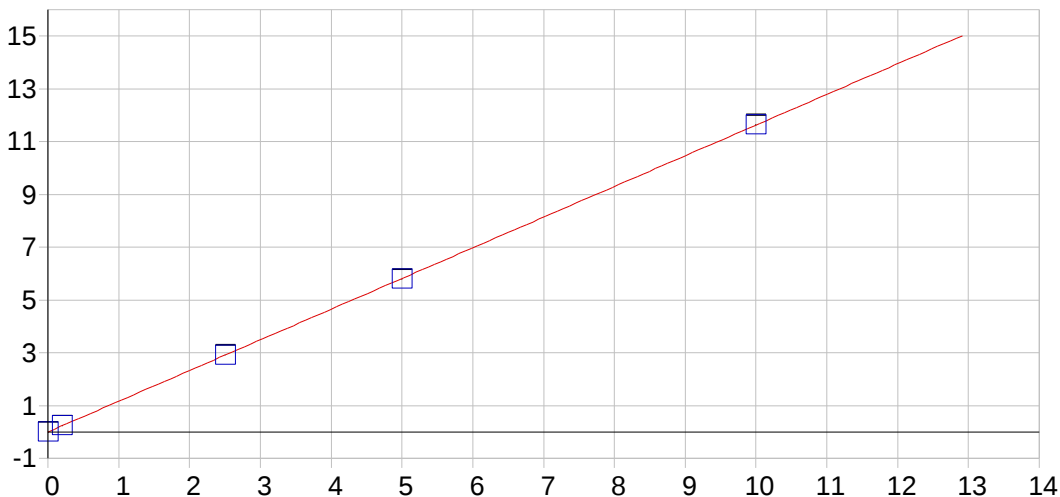
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.022649 Re-Slope: 1.000000
 A1 (Gain): 0.108765 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000735
 Predicted MDL: 0.029250
 Predicted MQL: 0.097501

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1563	.156	7.81	.21188	.000	1
S0	.00000	-.00016	-.000	.000	-.02267	.001	1
S3	12.500	12.591	.091	.730	1.3468	.002	1
S4	25.000	24.908	-.092	-.368	2.6865	.005	1
S5	50.000	49.844	-.156	-.311	5.3987	.033	1



Mo 202.030 {467}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

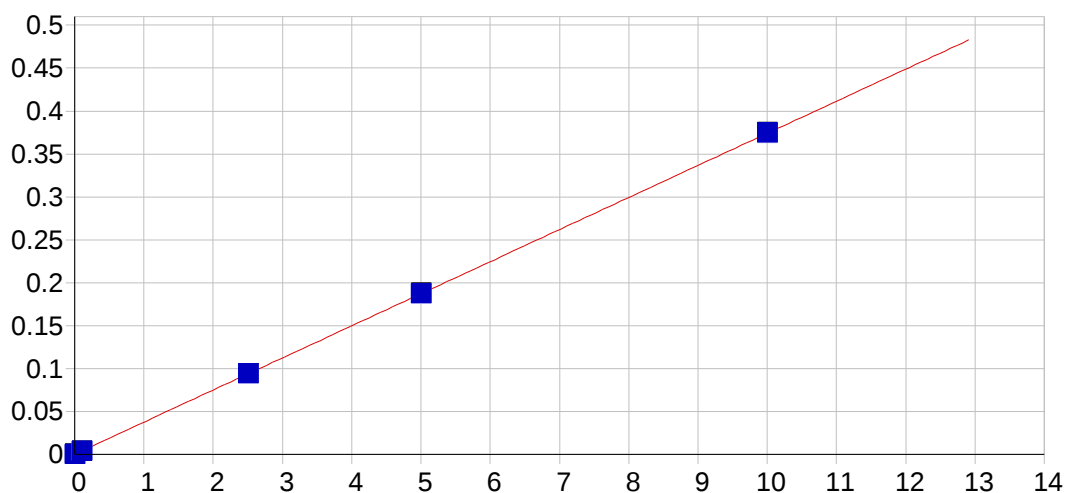
Weighting: 1/Conc

A0 (Offset): 0.000225
 A1 (Gain): 1.162620
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000550
 Predicted MDL: 0.000216
 Predicted MQL: 0.000719

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	.00021	.000	1
S1	.20000	.21066	.011	5.33	.24514	.001	1
S3	2.5000	2.5043	.004	.172	2.9118	.009	1
S4	5.0000	4.9784	-.022	-.431	5.7883	.012	1
S5	10.000	10.007	.007	.066	11.634	.026	1

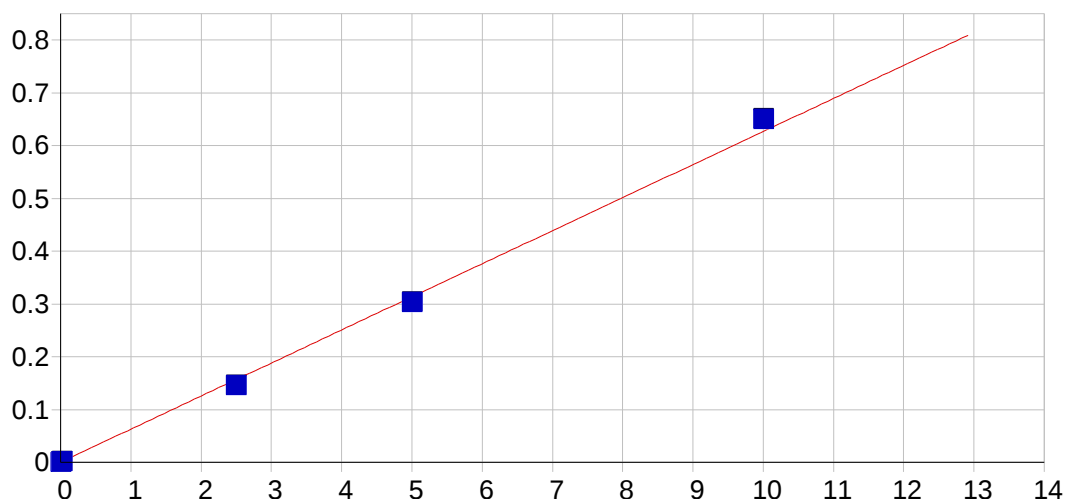


B 249.678 {135}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.037380 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 1.000000 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.007724
 Predicted MQL: 0.025747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.10000	.10049	.000	.487	.00400	.000	1
S3	2.5000	2.4979	-.002	-.086	.09341	.000	1
S4	5.0000	4.9992	-.001	-.016	.18669	.001	1
S5	10.000	10.002	.002	.025	.37327	.001	1



S 182.034 {485}

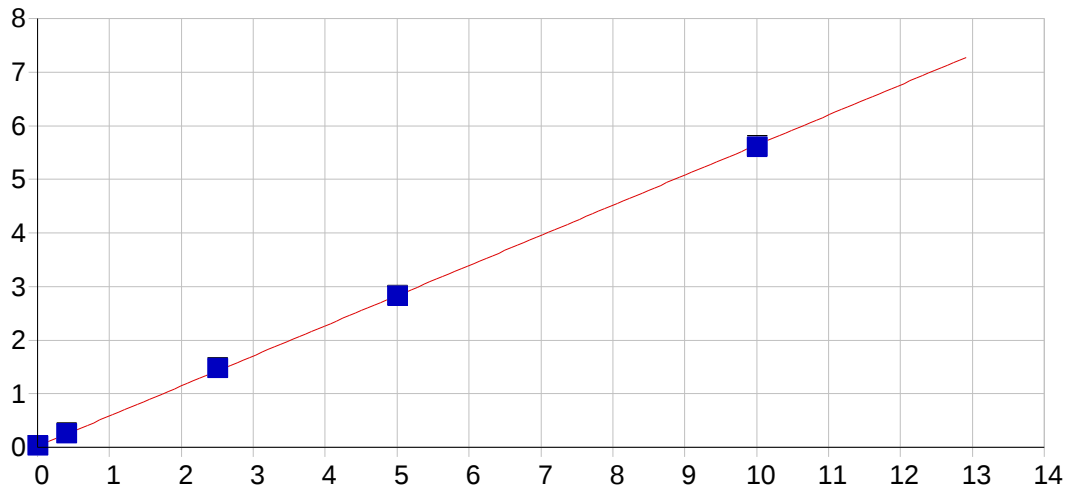
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.062648 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999017
 Std Error of Est: 0.000067
 Predicted MDL: 0.002218
 Predicted MQL: 0.007395

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.02000	.01754	-.002	-12.3	.00131	.000	1
S3	2.5000	2.3090	-.191	-7.64	.14473	.000	1
S4	5.0000	4.8263	-.174	-3.47	.30226	.001	1
S5	10.000	10.367	.367	3.67	.64903	.001	1



Si 288.158 {117}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

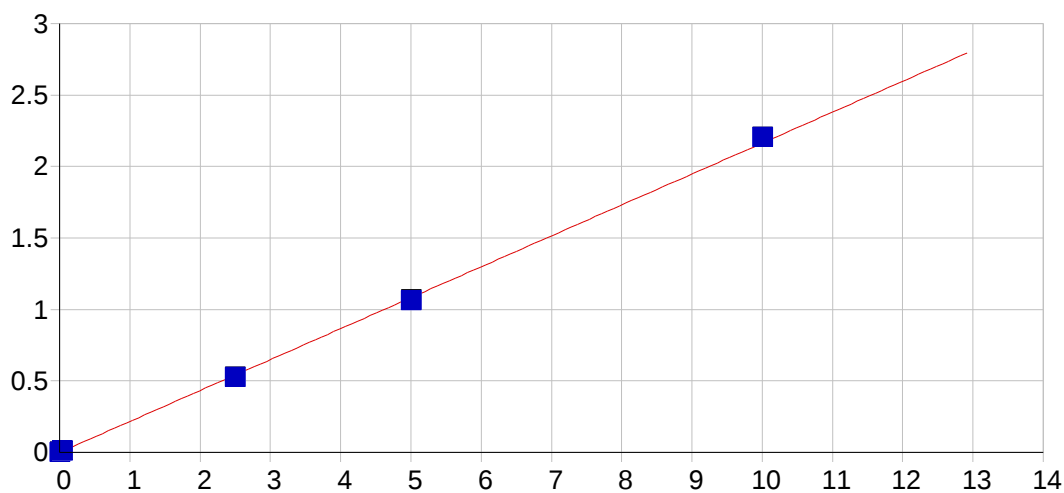
Weighting: 1/Conc

A0 (Offset): 0.020714
 A1 (Gain): 0.561690
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000828
 Predicted MDL: 0.001935
 Predicted MQL: 0.006450

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	.02070	.000	1
S1	.40000	.41128	.011	2.82	.25154	.005	1
S3	2.5000	2.5765	.076	3.06	1.4672	.010	1
S4	5.0000	4.9878	-.012	-.244	2.8208	.004	1
S5	10.000	9.9244	-.076	-.756	5.5922	.026	1

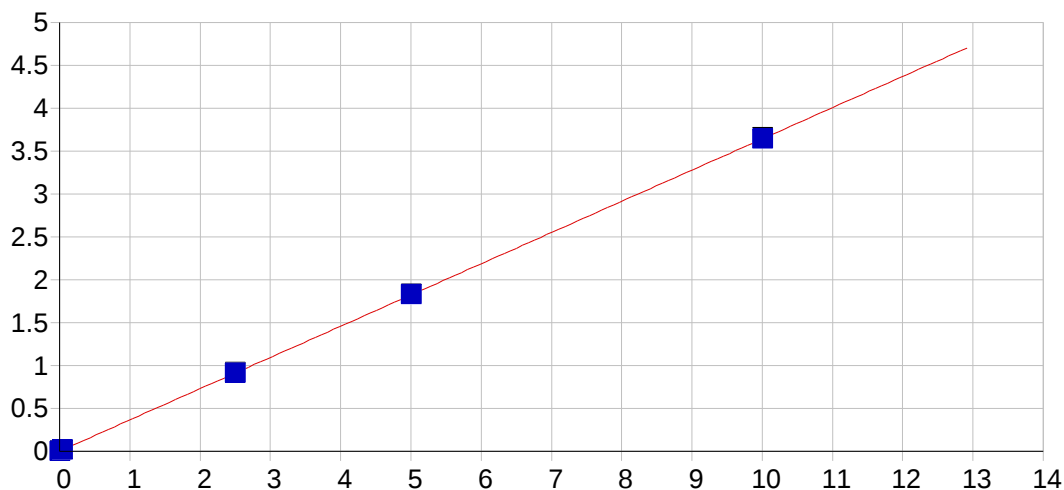


Sn 189.989 {477}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.216374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.000592
 Predicted MQL: 0.001972

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.04000	.04178	.002	4.45	.00924	.000	1
S3	2.5000	2.4262	-.074	-2.95	.52527	.001	1
S4	5.0000	4.9000	-.100	-2.00	1.0606	.003	1
S5	10.000	10.172	.172	1.72	2.2015	.004	1



Ti 336.121 {100}

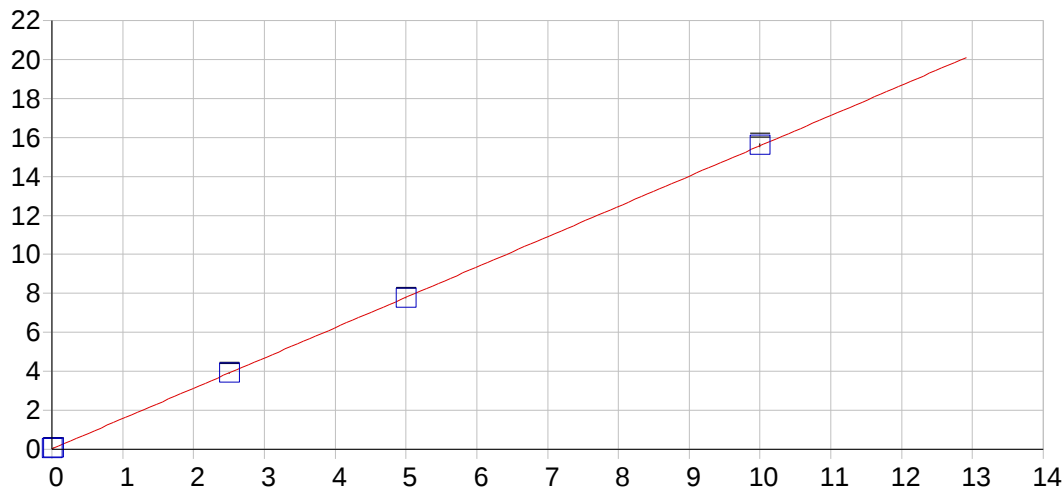
Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002329 Re-Slope: 1.000000
 A1 (Gain): 0.364089 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000022
 Predicted MDL: 0.001596
 Predicted MQL: 0.005321

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00233	.000	1
S1	.04000	.04109	.001	2.72	.01728	.001	1
S3	2.5000	2.5043	.004	.172	.91400	.002	1
S4	5.0000	5.0051	.005	.103	1.8244	.006	1
S5	10.000	9.9895	-.011	-.105	3.6389	.016	1



Li 670.784 { 50}

Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

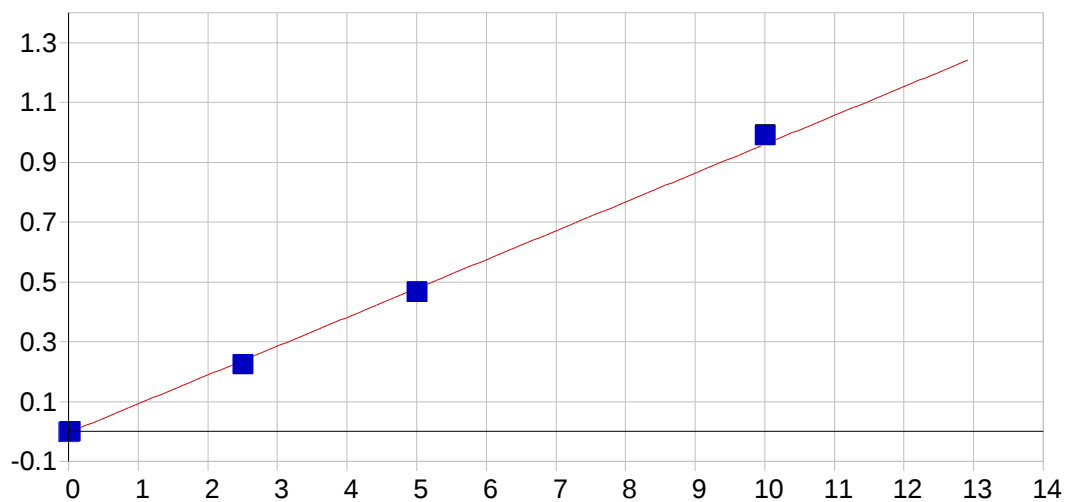
Weighting: 1/Conc

A0 (Offset): 0.019708
 A1 (Gain): 1.555073
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000125
 Predicted MDL: 0.001719
 Predicted MQL: 0.005731

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	.01971	.001	1
S1	.02000	.02073	.001	3.66	.05195	.000	1
S3	2.5000	2.5037	.004	.150	3.9132	.034	1
S4	5.0000	4.9755	-.025	-.490	7.7569	.014	1
S5	10.000	10.020	.020	.200	15.602	.100	1

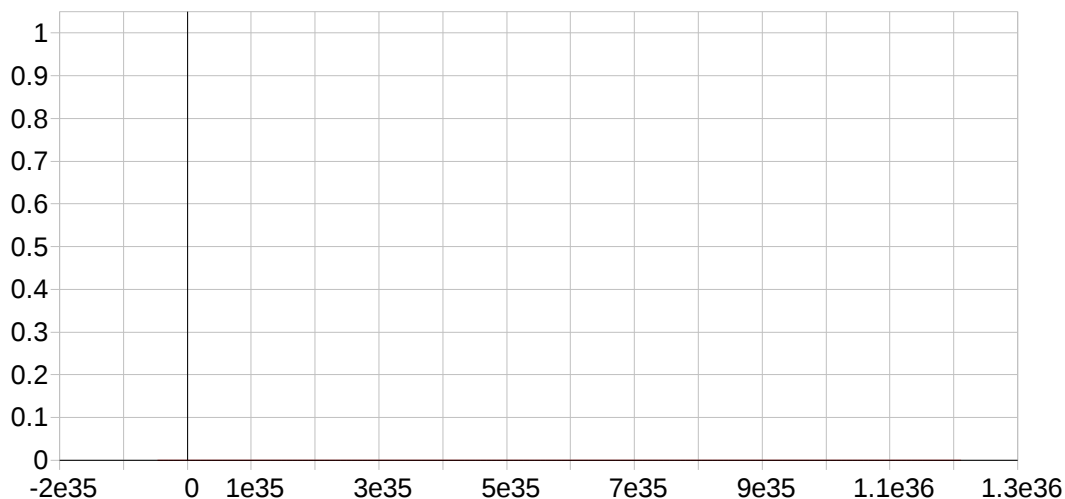


P 177.495 {490}

Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004070 Re-Slope: 1.000000
 A1 (Gain): 0.096435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999387 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001339
 Predicted MQL: 0.004464

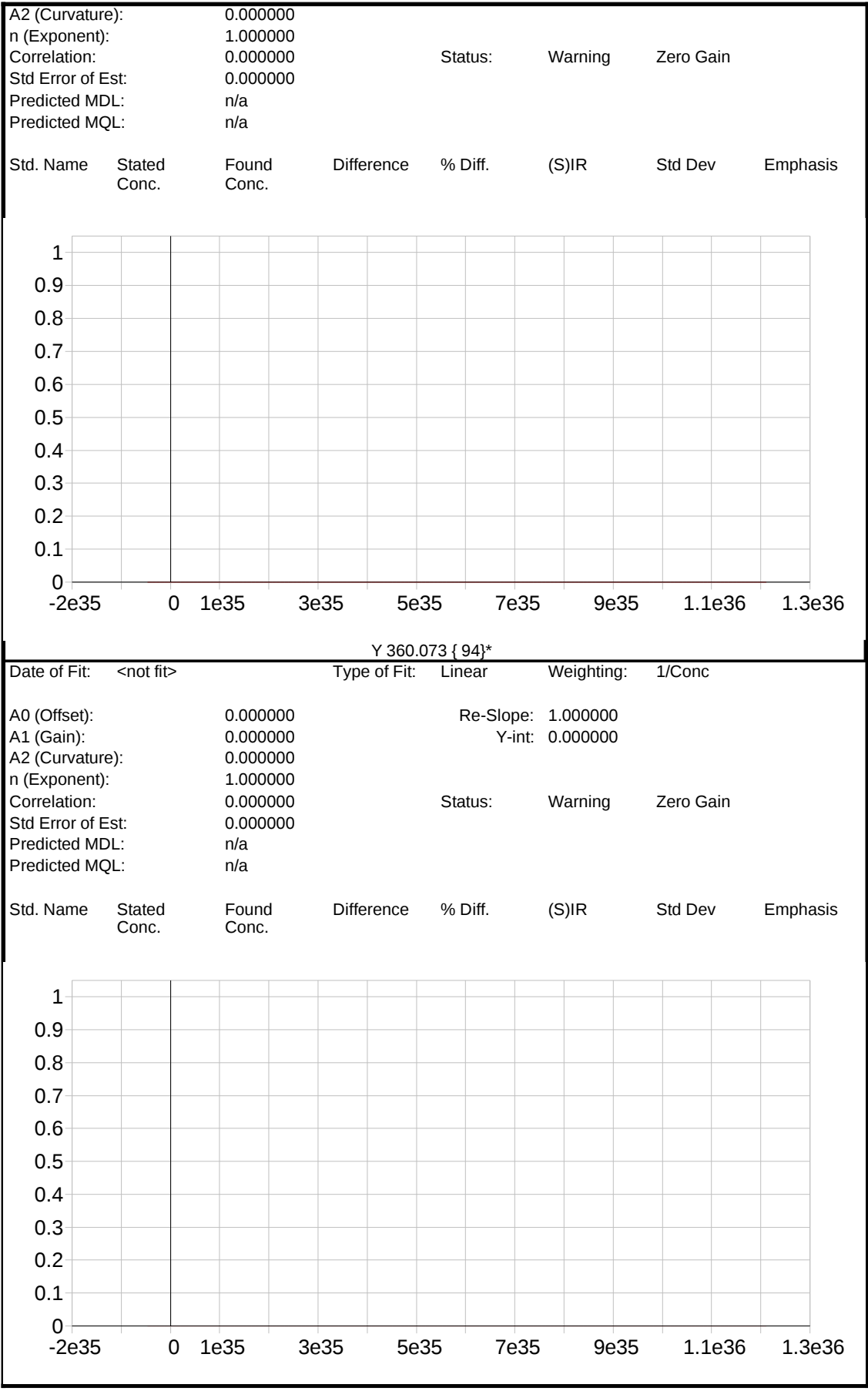
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00407	.000	1
S1	.02000	.01805	-.002	-9.76	-.00234	.000	1
S3	2.5000	2.3505	-.149	-5.98	.22225	.001	1
S4	5.0000	4.8611	-.139	-2.78	.46401	.002	1
S5	10.000	10.290	.290	2.90	.98688	.003	1

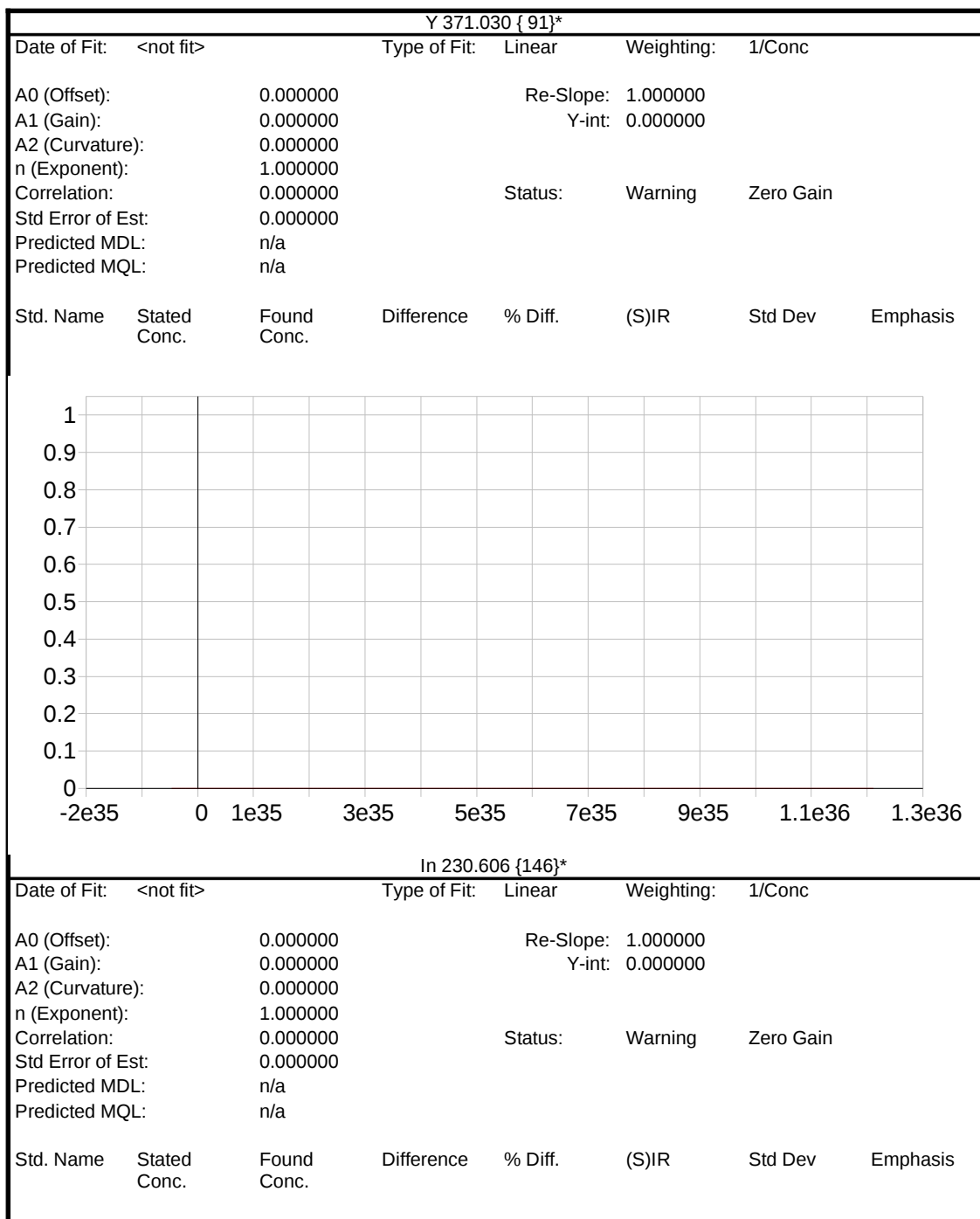


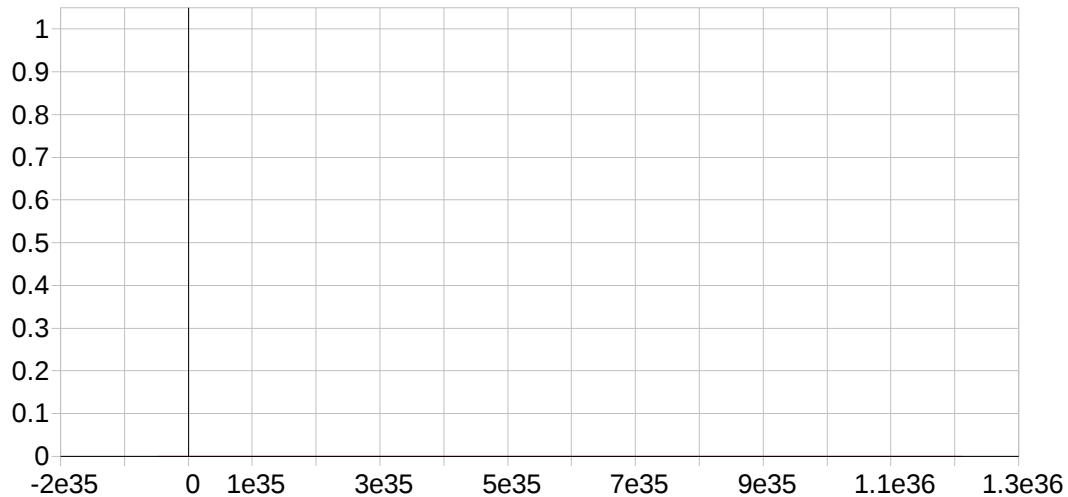
Y 224.306 {450}*

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



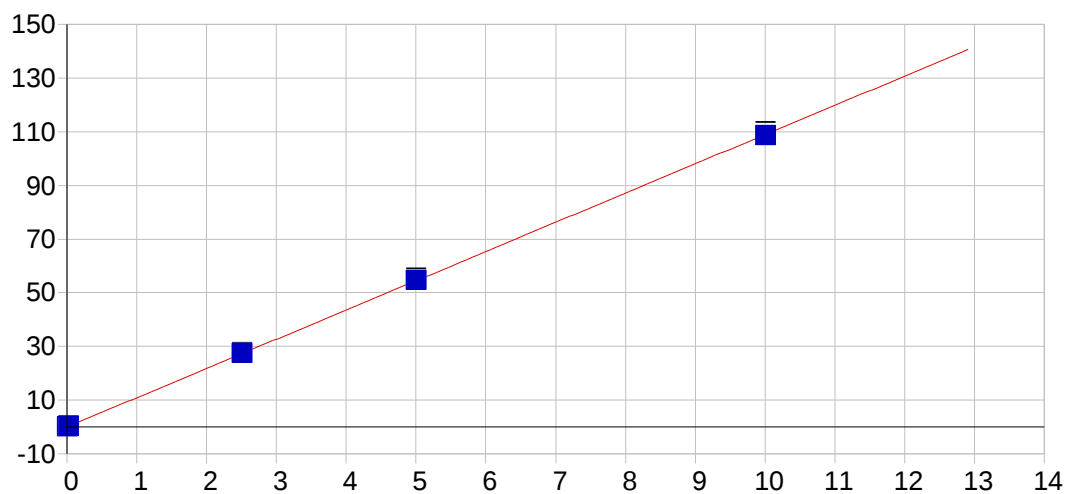




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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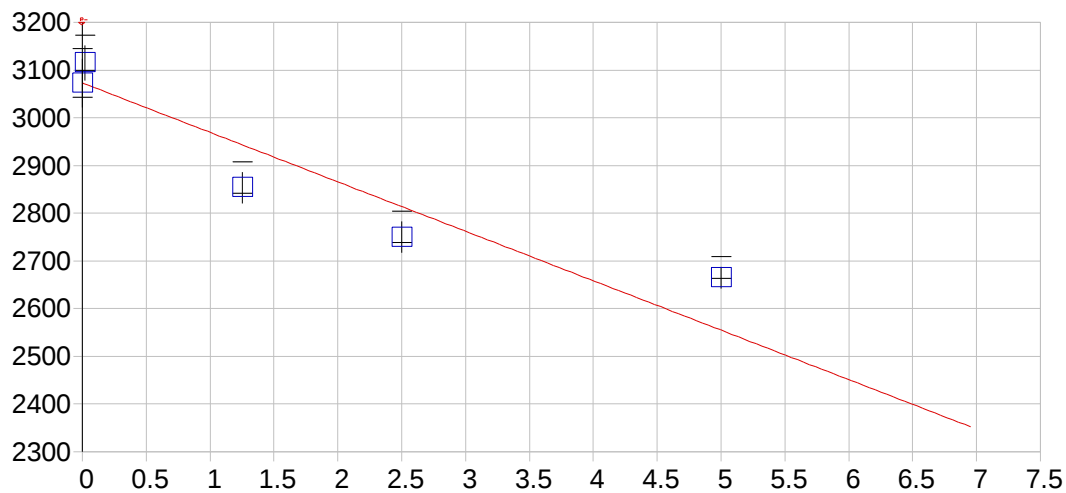


Date of Fit: 12/27/2018 13:49:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007105 Re-Slope: 1.000000
 A1 (Gain): 10.893328 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.001194
 Predicted MDL: 0.000098

Predicted MQL: 0.000326

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00711	.001	1
S1	.02000	.02056	.001	2.80	.21806	.002	1
S3	2.5000	2.5232	.023	.927	27.508	.184	1
S4	5.0000	5.0097	.010	.194	54.625	.686	1
S5	10.000	9.9666	-.033	-.334	108.68	1.17	1



Date of Fit: 12/27/2018 13:49:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 3073.034404

Re-Slope: 1.000000

A1 (Gain): -103.639863

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.683954

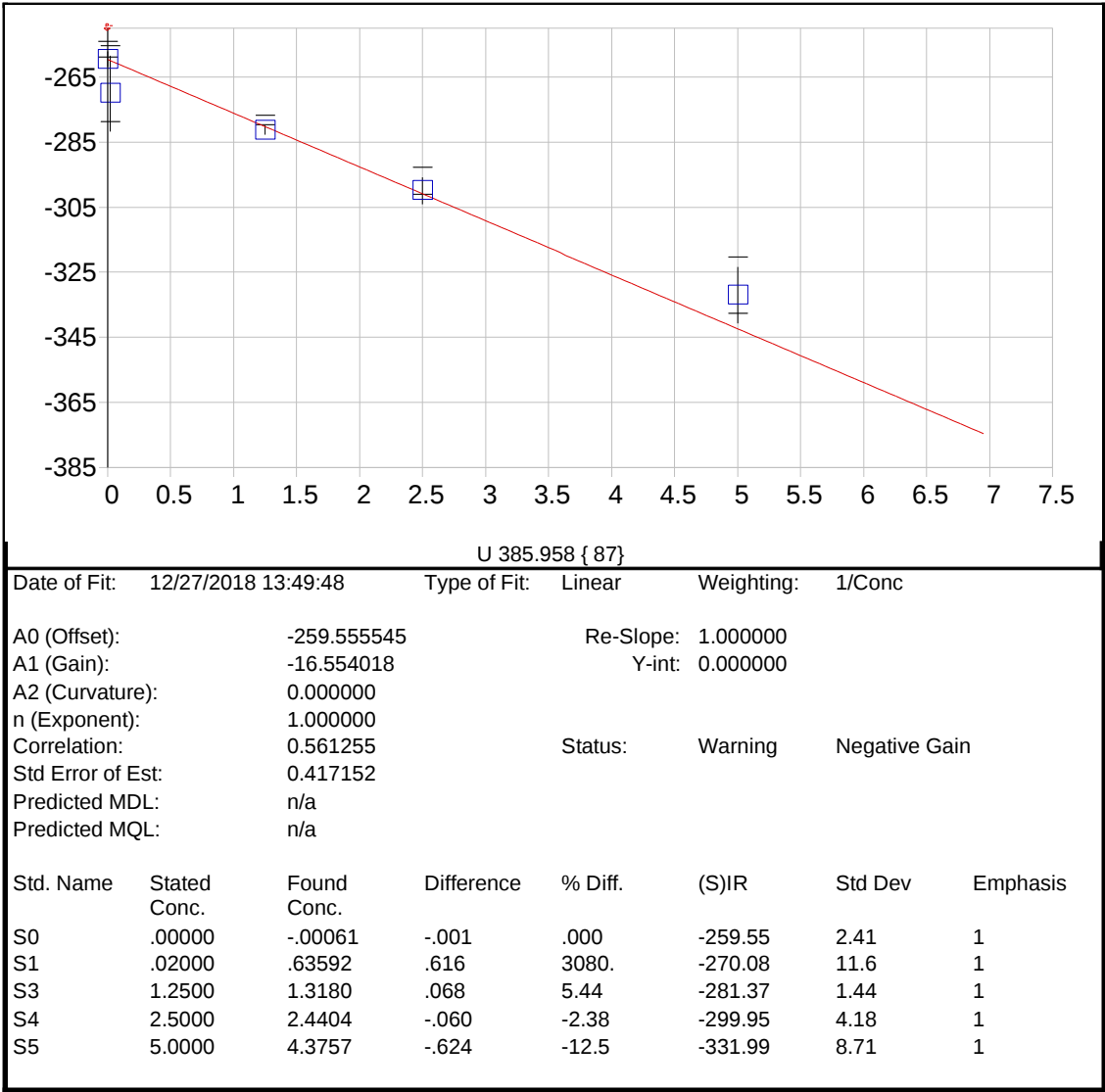
Status: Warning Negative Gain

Std Error of Est: 1.889072

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00041	.000	.000	3073.0	50.9	1
S1	.02000	-.40396	-.424	-2120.	3114.9	37.0	1
S3	1.2500	2.1186	.869	69.5	2853.5	33.1	1
S4	2.5000	3.1176	.618	24.7	2749.9	32.5	1
S5	5.0000	3.9378	-1.06	-21.2	2664.9	22.5	1



Sample Name: S0 Acquired: 12/27/2018 12:21:29 Type: Cal
Method: P4-ICP2(v2686) 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	-.00043	-.00095	.00306	-.00012	.00057	-.00002	.12276	.00006
Stddev	.00012	.00005	.00024	.00007	.00006	.00001	.00538	.00003
%RSD	28.434	4.9700	7.7171	60.365	11.284	59.040	4.3824	57.823
#1	-.00037	-.00096	.00298	-.00017	.00050	-.00002	.12047	.00002
#2	-.00035	-.00099	.00288	-.00004	.00060	-.00001	.12891	.00007
#3	-.00057	-.00090	.00333	-.00014	.00061	-.00004	.11891	.00008
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	-.00103	.00093	.00006	-.00034	.00057	.06337	.00021	-.00051
Stddev	.00020	.00058	.00005	.00014	.00023	.00970	.00009	.00027
%RSD	19.774	62.829	80.188	39.960	40.469	15.313	43.865	53.369
#1	-.00096	.00148	.00007	-.00038	.00070	.06458	.00022	-.00020
#2	-.00087	.00031	.00011	-.00046	.00030	.07241	.00030	-.00072
#3	-.00126	.00100	.00001	-.00019	.00070	.05312	.00011	-.00061
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	-.00534	.00036	.01759	-.00012	.08478	-.02267	.00021	.00026
Stddev	.00009	.00009	.00038	.00004	.00670	.00124	.00022	.00020
%RSD	1.7091	25.803	2.1767	35.649	7.9037	5.4839	105.35	76.964
#1	-.00544	.00041	.01715	-.00017	.08685	-.02356	-.00004	.00013
#2	-.00526	.00043	.01786	-.00013	.09021	-.02319	.00030	.00015
#3	-.00533	.00026	.01777	-.00008	.07729	-.02125	.00038	.00048
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	.00025	.02070	.00020	.00233	.01971	-.0041	-.00711	3073.0
Stddev	.00005	.00024	.00010	.00042	.00123	.0000	.00063	50.9
%RSD	21.094	1.1461	49.772	18.145	6.2492	1.044	8.7915	1.6571
#1	.00020	.02043	.00009	.00268	.02109	-.0041	-.00641	3042.4
#2	.00025	.02089	.00023	.00244	.01873	-.0041	-.00732	3131.8
#3	.00030	.02079	.00028	.00186	.01929	-.0040	-.00761	3044.8

Sample Name: S0 Acquired: 12/27/2018 12:21:29 Type: Cal
 Method: P4-ICP2(v2686) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-259.55
Stddev	2.41
%RSD	.93034

#1	-262.32
#2	-258.43
#3	-257.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.7	66547.	4654.7	100.87	4013.1
Stddev	22.3	493.	1.7	.87	19.0
%RSD	.71805	.74093	.03567	.86040	.47424

#1	3110.4	66041.	4652.8	100.15	4011.7
#2	3090.1	67026.	4655.9	100.63	3994.9
#3	3134.7	66574.	4655.4	101.83	4032.8

Sample Name: S1 Acquired: 12/27/2018 12:25:35 Type: Cal
Method: P4-ICP2(v2686) 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	.00194	.00515	.00733	.00148	.01036	.00058	.61269	.00499
Stddev	.00011	.00014	.00030	.00011	.00045	.00006	.00069	.00004
%RSD	5.9011	2.7657	4.1001	7.6387	4.3467	10.961	.11245	.73305

#1	.00181	.00528	.00761	.00159	.01040	.00060	.61257	.00495
#2	.00202	.00517	.00701	.00148	.01080	.00050	.61206	.00500
#3	.00199	.00500	.00736	.00137	.00990	.00062	.61342	.00502

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	.02015	.00145	.04124	.01656	.30127	.02415	.02108	.00295
Stddev	.00031	.00005	.00011	.00048	.01992	.00022	.00018	.00004
%RSD	1.5610	3.1875	.26144	2.9263	6.6132	.90898	.87178	1.3979

#1	.01986	.00142	.04127	.01686	.31366	.02396	.02088	.00291
#2	.02048	.00142	.04111	.01681	.27829	.02411	.02115	.00294
#3	.02010	.00150	.04132	.01600	.31187	.02439	.02123	.00299

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	.00619	4.7604	.24514	.00400	.00131	.25154	.00924	.01728
Stddev	.00014	.0519	.00123	.00005	.00013	.00528	.00008	.00086
%RSD	2.3380	1.0910	.50112	1.3215	9.7513	2.0977	.85371	5.0055

#1	.00602	4.7005	.24642	.00395	.00137	.24651	.00933	.01821
#2	.00625	4.7929	.24397	.00399	.00140	.25109	.00917	.01649
#3	.00630	4.7877	.24502	.00405	.00116	.25703	.00922	.01714

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05195	-.0023	.21806	3114.9	-270.08
Stddev	.00031	.0002	.00196	37.0	11.65
%RSD	.58715	7.347	.89963	1.1876	4.3120

#1	.05224	-.0025	.21862	3153.9	-259.97
#2	.05163	-.0022	.21587	3110.5	-282.81
#3	.05196	-.0023	.21967	3080.3	-267.47

Sample Name: S1 Acquired: 12/27/2018 12:25:35 Type: Cal
 Method: P4-ICP2(v2686) 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	3117.2	66867.	4675.8	102.10	3980.3
Stddev	8.7	194.	41.3	.99	7.8
%RSD	.27873	.29041	.88430	.97045	.19694
#1	3107.5	66918.	4714.8	103.21	3976.6
#2	3120.0	67031.	4680.1	101.30	3975.0
#3	3124.1	66652.	4632.5	101.79	3989.3

Sample Name: S2 Acquired: 12/27/2018 12:29:40 Type: Cal
Method: P4-ICP2(v2686) 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	.10283	.02357	.51256	.21188
Stddev	.00059	.00016	.00200	.00047
%RSD	.57758	.67580	.38960	.22007

#1	.10215	.02342	.51026	.21138
#2	.10308	.02357	.51356	.21230
#3	.10325	.02373	.51386	.21195

Int. Std.	Y_3710
Units	Cts/S
Avg	4699.0
Stddev	11.7
%RSD	.25001

#1	4712.6
#2	4692.5
#3	4692.0

Sample Name: S3 Acquired: 12/27/2018 12:33:35 Type: Cal
Method: P4-ICP2(v2686) 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	.26982	.32802	.80457	.18007	.43681	.02853	23.010	.09673
Stddev	.00141	.00046	.00343	.00066	.00250	.00030	.172	.00013
%RSD	.52415	.13922	.42671	.36559	.57161	1.0467	.74861	.13934
#1	.27131	.32850	.80711	.18043	.43798	.02820	23.175	.09686
#2	.26967	.32799	.80594	.18046	.43851	.02877	23.023	.09659
#3	.26849	.32758	.80066	.17931	.43395	.02862	22.832	.09675
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2323	.58078	.06478	1.5190	.44678	6.1331	1.3090	.13854
Stddev	.0108	.00297	.00039	.0037	.00134	.1364	.0035	.00018
%RSD	.25445	.51136	.60898	.24701	.30010	2.2247	.26985	.13292
#1	4.2447	.58313	.06522	1.5233	.44712	6.2615	1.3126	.13836
#2	4.2272	.58177	.06467	1.5175	.44791	5.9898	1.3087	.13852
#3	4.2250	.57745	.06445	1.5163	.44530	6.1479	1.3056	.13873
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	.71820	.15504	2.9121	.16986	125.14	1.3468	2.9118	.09341
Stddev	.00143	.00033	.0221	.00050	3.06	.0018	.0092	.00044
%RSD	.19970	.21551	.75972	.29678	2.4455	.13439	.31754	.47379
#1	.71956	.15541	2.9346	.17044	128.03	1.3458	2.9196	.09312
#2	.71834	.15478	2.9114	.16959	121.93	1.3489	2.9142	.09392
#3	.71670	.15491	2.8903	.16954	125.47	1.3458	2.9016	.09319
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	.14473	1.4672	.52527	.91400	3.9132	.2223	27.508	2853.5
Stddev	.00037	.0103	.00054	.00208	.0341	.0006	.184	33.1
%RSD	.25666	.69970	.10318	.22784	.87076	.2909	.66898	1.1613
#1	.14505	1.4790	.52583	.91475	3.9465	.2228	27.675	2824.6
#2	.14481	1.4622	.52523	.91560	3.9147	.2224	27.539	2846.2
#3	.14432	1.4603	.52475	.91164	3.8784	.2216	27.311	2889.6

Sample Name: S3 Acquired: 12/27/2018 12:33:35 Type: Cal
Method: P4-ICP2(v2686) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-281.37
Stddev	1.44
%RSD	.51076

#1	-281.84
#2	-279.76
#3	-282.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3054.8	65041.	4696.0	98.797	3684.6
Stddev	11.4	200.	36.7	2.387	10.9
%RSD	.37449	.30718	.78061	2.4166	.29493

#1	3047.3	64966.	4654.6	96.563	3674.4
#2	3049.1	64890.	4709.1	101.31	3683.3
#3	3067.9	65267.	4724.3	98.517	3696.0

Sample Name: S4 Acquired: 12/27/2018 12:37:15 Type: Cal
Method: P4-ICP2(v2686) 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	.54339	.65704	1.6219	.35996	.87297	.05740	45.758	.19266
Stddev	.00200	.00184	.0056	.00105	.00232	.00008	.120	.00011
%RSD	.36869	.28056	.34525	.29195	.26581	.13845	.26289	.05596
#1	.54118	.65492	1.6161	.35881	.87030	.05732	45.865	.19270
#2	.54391	.65823	1.6272	.36023	.87420	.05748	45.782	.19274
#3	.54508	.65797	1.6223	.36086	.87442	.05740	45.628	.19254
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.6131	1.1484	.12856	3.0762	.87823	12.313	2.5839	.27345
Stddev	.0237	.0073	.00053	.0084	.00318	.254	.0046	.00082
%RSD	.27491	.63910	.41213	.27311	.36163	2.0651	.17959	.29966
#1	8.5859	1.1535	.12808	3.0665	.87468	12.161	2.5800	.27422
#2	8.6283	1.1400	.12913	3.0810	.88081	12.172	2.5890	.27259
#3	8.6252	1.1517	.12848	3.0811	.87920	12.607	2.5826	.27353
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	1.4553	.30786	5.7900	.33952	250.60	2.6865	5.7883	.18669
Stddev	.0046	.00109	.0161	.00065	3.99	.0055	.0123	.00082
%RSD	.31313	.35492	.27836	.19067	1.5917	.20290	.21246	.44155
#1	1.4500	.30771	5.8044	.34004	247.40	2.6844	5.7741	.18729
#2	1.4579	.30902	5.7929	.33973	249.32	2.6926	5.7948	.18703
#3	1.4579	.30685	5.7726	.33880	255.07	2.6823	5.7959	.18575
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	.30226	2.8208	1.0606	1.8244	7.7569	.4640	54.625	2749.9
Stddev	.00085	.0039	.0033	.0057	.0140	.0024	.686	32.5
%RSD	.28065	.13759	.31406	.31519	.18079	.5118	1.2556	1.1803
#1	.30128	2.8239	1.0571	1.8282	7.7711	.4615	53.897	2770.6
#2	.30266	2.8165	1.0610	1.8178	7.7567	.4644	54.720	2712.5
#3	.30283	2.8222	1.0638	1.8272	7.7431	.4662	55.259	2766.7

Sample Name: S4 Acquired: 12/27/2018 12:37:15 Type: Cal
Method: P4-ICP2(v2686) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-299.95
Stddev	4.18
%RSD	1.3929

#1	-297.55
#2	-297.53
#3	-304.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.7	63872.	4650.7	96.273	3511.0
Stddev	7.5	272.	10.2	1.515	10.9
%RSD	.24976	.42632	.21929	1.5739	.31073

#1	3005.3	64022.	4638.9	97.475	3523.6
#2	2993.0	63557.	4656.5	96.773	3504.5
#3	2991.8	64036.	4656.7	94.571	3505.0

Sample Name: S5 Acquired: 12/27/2018 12:41:03 Type: Cal
Method: P4-ICP2(v2686) 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	1.1038	1.3434	3.3548	.72684	1.7628	.11753	91.294	.38662
Stddev	.0033	.0013	.0038	.00093	.0044	.00054	.426	.00015
%RSD	.29668	.09606	.11431	.12762	.25131	.45534	.46635	.03801
#1	1.1049	1.3439	3.3589	.72724	1.7654	.11725	91.221	.38664
#2	1.1063	1.3419	3.3513	.72750	1.7653	.11720	90.909	.38646
#3	1.1001	1.3444	3.3543	.72578	1.7577	.11815	91.751	.38675
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.898	2.2782	.25590	6.4234	1.7425	25.564	5.0569	.54434
Stddev	.032	.0133	.00117	.0118	.0038	.104	.0099	.00225
%RSD	.17631	.58320	.45731	.18448	.21976	.40668	.19565	.41329
#1	17.932	2.2650	.25626	6.4345	1.7450	25.684	5.0512	.54289
#2	17.892	2.2781	.25460	6.4246	1.7445	25.498	5.0511	.54320
#3	17.870	2.2916	.25685	6.4109	1.7381	25.510	5.0683	.54693
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0230	.62031	11.689	.68299	513.07	5.3987	11.634	.37327
Stddev	.0030	.00113	.068	.00108	3.95	.0329	.026	.00105
%RSD	.10028	.18194	.57962	.15801	.77062	.60886	.22698	.28166
#1	3.0263	.62069	11.615	.68424	517.49	5.3696	11.645	.37244
#2	3.0205	.61904	11.747	.68231	511.84	5.4343	11.654	.37293
#3	3.0221	.62120	11.706	.68243	509.87	5.3921	11.604	.37445
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	.64903	5.5922	2.2015	3.6389	15.602	.9869	108.68	2664.9
Stddev	.00145	.0258	.0036	.0160	.100	.0026	1.17	22.5
%RSD	.22279	.46151	.16214	.44062	.64137	.2596	1.0773	.84270
#1	.65070	5.5707	2.2043	3.6215	15.507	.9896	107.80	2673.5
#2	.64810	5.6208	2.2028	3.6531	15.706	.9865	110.01	2681.9
#3	.64830	5.5851	2.1975	3.6421	15.592	.9845	108.24	2639.4

Sample Name: S5 Acquired: 12/27/2018 12:41:03 Type: Cal
 Method: P4-ICP2(v2686) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-331.99
Stddev	8.71
%RSD	2.6224

#1	-340.85
#2	-323.44
#3	-331.68

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.4	62176.	4608.2	91.057	3246.6
Stddev	7.2	129.	14.5	.645	2.9
%RSD	.24737	.20767	.31545	.70795	.09082

#1	2903.4	62150.	4617.8	90.361	3244.6
#2	2897.8	62317.	4591.5	91.177	3245.2
#3	2912.0	62063.	4615.3	91.633	3250.0

Sample Name: ICV01 Acquired: 12/27/2018 12:52:42 Type: Unk
Method: P4-ICP2(v2686) 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	.99963	1.0319	.98407	1.0080	.98595	2.5180	.50746	.49052
Stddev	.00460	.0033	.00122	.0046	.00276	.0170	.00243	.00041
%RSD	.46020	.32001	.12443	.45095	.27950	.67478	.47802	.08314
#1	.99679	1.0284	.98266	1.0088	.98391	2.5038	.50468	.49033
#2	1.0049	1.0350	.98485	1.0121	.98909	2.5134	.50915	.49025
#3	.99716	1.0323	.98471	1.0031	.98485	2.5368	.50855	.49099
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47916	10.308	.51123	.49700	.52632	5.0326	.51758	6.0809
Stddev	.00052	.044	.00163	.00135	.00220	.0795	.00102	.0830
%RSD	.10906	.42499	.31872	.27171	.41846	1.5805	.19787	1.3644
#1	.47912	10.258	.51003	.49608	.52441	5.0340	.51750	6.0039
#2	.47969	10.329	.51309	.49855	.52873	4.9524	.51864	6.1688
#3	.47865	10.338	.51058	.49636	.52581	5.1114	.51659	6.0700
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49823	.51884	9.9571	.50819	1.0156	10.247	F 3.6885	F 3.6427
Stddev	.00050	.00054	.0486	.00155	.0146	.034	.0078	.0128
%RSD	.09963	.10315	.48781	.30439	1.4399	.33001	.21097	.35024
#1	.49769	.51824	9.9012	.50651	1.0157	10.208	3.6890	3.6290
#2	.49865	.51901	9.9882	.50957	1.0009	10.267	3.6961	3.6450
#3	.49836	.51927	9.9820	.50848	1.0302	10.267	3.6805	3.6542
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00869	F 3.5598	F 3.5213	F 3.6821	2.5490	F -.0011	F .00662	F 2.1795
Stddev	.00050	.0132	.0056	.0104	.0156	.0011	.00014	.0663
%RSD	5.7472	.37061	.16015	.28230	.61301	101.4	2.0599	3.0406
#1	.00924	3.5450	3.5195	3.6724	2.5316	-.0024	.00648	2.1039
#2	.00826	3.5703	3.5276	3.6931	2.5532	-.0001	.00675	2.2071
#3	.00857	3.5642	3.5167	3.6808	2.5620	-.0009	.00662	2.2275

Sample Name: ICV01 Acquired: 12/27/2018 12:52:42 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .54392
Stddev	.18089
%RSD	33.256

#1	.69811
#2	.58887
#3	.34480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3061.2	64973.	4706.7	97.726	3722.5
Stddev	8.4	169.	3.8	1.386	7.1
%RSD	.27388	.26009	.08169	1.4179	.19108

#1	3061.4	64841.	4704.6	97.705	3723.9
#2	3052.8	64914.	4704.4	99.122	3714.8
#3	3069.5	65164.	4711.2	96.351	3728.9

Sample Name: LLICV01 Acquired: 12/27/2018 13:00:42 Type: Unk
Method: P4-ICP2(v2686) 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	.01713	.03998	.01138	.01883	.04918	.08616	.09442	.00548
Stddev	.00021	.00118	.00058	.00078	.00033	.00737	.00071	.00005
%RSD	1.2230	2.9586	5.0931	4.1683	.67510	8.5523	.75649	.91911
#1	.01732	.04121	.01080	.01856	.04880	.09417	.09519	.00546
#2	.01691	.03988	.01196	.01972	.04929	.07967	.09432	.00554
#3	.01718	.03885	.01139	.01822	.04944	.08466	.09377	.00545
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	1.8766	.00959	.02856	.01960	.08699	.02021	1.9635
Stddev	.00007	.0104	.00020	.00040	.00074	.00082	.00015	.0230
%RSD	1.3690	.55356	2.1208	1.4081	3.7531	.94185	.75540	1.1693
#1	.00513	1.8735	.00980	.02825	.01890	.08648	.02020	1.9371
#2	.00523	1.8681	.00939	.02902	.02036	.08656	.02006	1.9790
#3	.00509	1.8882	.00958	.02842	.01953	.08794	.02036	1.9743
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03831	.00937	1.8546	.03973	.04222	1.8816	.18115	.09319
Stddev	.00025	.00018	.0121	.00065	.00049	.0364	.00104	.00643
%RSD	.64369	1.9369	.65185	1.6354	1.1535	1.9360	.57528	6.8996
#1	.03836	.00930	1.8644	.03941	.04261	1.9190	.18045	.10039
#2	.03853	.00924	1.8583	.03930	.04167	1.8462	.18235	.09119
#3	.03804	.00958	1.8411	.04048	.04237	1.8796	.18065	.08800
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01356	.36492	.03643	.03634	.01789	F .0158	.01812	F .36567
Stddev	.00138	.00147	.00069	.00221	.00101	.0008	.00002	.17719
%RSD	10.182	.40207	1.8846	6.0766	5.6559	5.277	.08709	48.458
#1	.01513	.36381	.03597	.03882	.01788	.0158	.01811	.29379
#2	.01253	.36438	.03722	.03558	.01688	.0150	.01814	.56751
#3	.01303	.36659	.03611	.03461	.01890	.0167	.01811	.23571

Sample Name: LLICV01 Acquired: 12/27/2018 13:00:42 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .60121
 Stddev .28467
 %RSD 47.349

#1 .40021
 #2 .92696
 #3 .47647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.6	66611.	4680.2	100.34	3966.6
Stddev	20.7	124.	31.5	1.18	16.7
%RSD	.66290	.18619	.67254	1.1760	.42127

#1	3123.3	66559.	4644.2	98.992	3972.2
#2	3096.0	66522.	4702.6	101.20	3947.8
#3	3136.5	66753.	4693.9	100.82	3979.7

Sample Name: ICB01 Acquired: 12/27/2018 13:04:48 Type: Unk
Method: P4-ICP2(v2686) 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	-.00073	.00075	.00060	.00075	-.00088	-.00100	.00103	-.00002
Stddev	.00192	.00083	.00024	.00240	.00125	.00845	.00017	.00006
%RSD	263.04	110.53	39.858	319.10	141.66	848.15	16.383	343.22
#1	-.00218	.00145	.00036	-.00034	.00010	.00609	.00110	.00003
#2	-.00145	.00098	.00084	.00350	-.00046	.00127	.00115	-.00000
#3	.00144	-.00017	.00060	-.00090	-.00228	-.01035	.00084	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00282	-.00001	.00002	.00002	-.00327	.00008	.05433
Stddev	.00008	.00242	.00026	.00023	.00044	.00393	.00007	.03764
%RSD	611.07	85.825	3188.3	1561.0	2173.0	120.28	80.676	69.275
#1	-.00010	-.00227	-.00028	-.00022	-.00045	-.00763	.00008	.03377
#2	.00006	-.00072	.00003	.00025	.00009	-.00001	.00014	.03145
#3	.00000	-.00546	.00023	.00002	.00042	-.00216	.00001	.09777
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00007	-.03071	-.00000	-.00003	.00194	.00016	.00262
Stddev	.00021	.00009	.00831	.00024	.00012	.02722	.00011	.00303
%RSD	2241.9	117.00	27.042	8927.0	338.72	1405.6	68.115	115.40
#1	-.00006	.00017	-.02124	-.00021	-.00017	.02170	.00008	.00215
#2	-.00016	-.00001	-.03675	-.00006	.00003	-.02912	.00012	.00586
#3	.00025	.00006	-.03415	.00026	.00004	.01323	.00029	-.00014
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.00196	.00069	-.00132	.00142	-.0005	.00009	F .25639
Stddev	.00081	.00082	.00055	.00133	.00027	.0005	.00009	.45698
%RSD	49.284	41.767	79.507	100.73	18.793	103.6	96.778	178.24
#1	-.00083	.00141	.00123	-.00048	.00160	.0000	.00007	.73753
#2	-.00166	.00156	.00014	-.00063	.00155	-.0009	.00001	.20344
#3	-.00245	.00289	.00070	-.00286	.00112	-.0005	.00018	-.17181

Sample Name: ICB01 Acquired: 12/27/2018 13:04:48 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .27988
Stddev	.23531
%RSD	84.077

#1	.00826
#2	.42192
#3	.40945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.2	67451.	4683.6	99.117	4049.1
Stddev	29.7	787.	17.1	1.747	38.0
%RSD	.93968	1.1674	.36467	1.7630	.93843

#1	3130.1	66739.	4700.8	100.52	4013.6
#2	3171.8	67317.	4666.7	99.675	4044.5
#3	3187.7	68296.	4683.3	97.158	4089.2

Sample Name: CRI01 Acquired: 12/27/2018 13:08:56 Type: Unk
 Method: P4-ICP2(v2686) 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	.01967	.04417	.01249	.02212	.05171	.09977	.10449	.00604
Stddev	.00083	.00108	.00023	.00161	.00114	.01921	.00098	.00006
%RSD	4.2035	2.4481	1.8781	7.3013	2.2112	19.255	.93745	.93748
#1	.01986	.04391	.01222	.02076	.05105	.12092	.10484	.00597
#2	.01877	.04325	.01265	.02168	.05303	.09496	.10525	.00606
#3	.02039	.04536	.01261	.02390	.05105	.08342	.10339	.00608
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00564	2.0599	.01043	.03139	.02145	.09570	.02230	2.1489
Stddev	.00001	.0136	.00037	.00018	.00028	.00878	.00032	.0380
%RSD	.13650	.65949	3.5920	.58681	1.2942	9.1762	1.4530	1.7663
#1	.00565	2.0448	.01086	.03152	.02124	.09435	.02261	2.1660
#2	.00564	2.0711	.01024	.03118	.02177	.08767	.02234	2.1753
#3	.00564	2.0639	.01018	.03147	.02136	.10507	.02196	2.1054
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04190	.01033	2.0357	.04397	.04453	2.0696	.19796	.09917
Stddev	.00021	.00036	.0106	.00037	.00077	.0138	.00027	.00033
%RSD	.50752	3.5122	.51953	.84552	1.7182	.66671	.13498	.33317
#1	.04190	.01065	2.0373	.04439	.04432	2.0620	.19822	.09921
#2	.04211	.01039	2.0453	.04383	.04389	2.0612	.19797	.09947
#3	.04169	.00993	2.0243	.04369	.04538	2.0855	.19768	.09881
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01506	.39427	.03949	.04057	.02088	.0174	.02001	F .87550
Stddev	.00065	.00080	.00090	.00038	.00019	.0013	.00020	.65108
%RSD	4.2989	.20395	2.2822	.92682	.92400	7.403	1.0026	74.366
#1	.01565	.39516	.03865	.04014	.02079	.0159	.01994	1.4901
#2	.01515	.39360	.04044	.04078	.02074	.0183	.02023	.94312
#3	.01437	.39403	.03937	.04080	.02110	.0179	.01985	.19325

Sample Name: CRI01 Acquired: 12/27/2018 13:08:56 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .27041
Stddev	.26815
%RSD	99.167

#1	.50881
#2	.32231
#3	-.01991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.6	66790.	4724.9	101.06	3998.8
Stddev	11.1	649.	12.7	1.17	10.4
%RSD	.35132	.97143	.26835	1.1551	.26082

#1	3139.5	66085.	4720.5	101.36	3990.1
#2	3150.5	66923.	4715.0	102.04	3996.0
#3	3161.7	67363.	4739.2	99.767	4010.3

Sample Name: ICSA01 Acquired: 12/27/2018 13:13:01 Type: Unk
Method: P4-ICP2(v2686) 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	-.01037	-.00530	-.00073	-.00070	.00454	273.47	.00424
Stddev	.00229	.00197	.00095	.00210	.00078	4.27	.00052
%RSD	22.090	37.113	130.04	300.89	17.107	1.5614	12.313

#1	-.01298	-.00312	-.00062	-.00005	.00414	272.49	.00456
#2	-.00867	-.00693	-.00173	-.00305	.00404	269.77	.00451
#3	-.00947	-.00584	.00016	.00100	.00543	278.14	.00363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00091	251.55	.05643	-.00093	.01268	99.560
Stddev	.00007	.00021	.49	.00090	.00006	.00074	1.741
%RSD	33.899	23.210	.19303	1.6004	6.2483	5.8405	1.7491

#1	.00029	.00073	251.04	.05740	-.00098	.01298	101.50
#2	.00014	.00114	252.00	.05560	-.00087	.01324	98.123
#3	.00023	.00086	251.62	.05630	-.00093	.01184	99.060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01185	262.53	-.00268	.00434	.00138	.00172	.00199
Stddev	.00018	1.69	.00042	.00013	.00654	.00044	.00023
%RSD	1.5243	.64522	15.576	2.9577	475.71	25.605	11.780

#1	.01205	260.66	-.00315	.00419	.00656	.00219	.00221
#2	.01170	263.95	-.00251	.00441	.00354	.00131	.00201
#3	.01180	262.97	-.00237	.00442	-.00598	.00166	.00174

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03504	-.00005	-.01098	.00150	-.00745	.00360	-.00373
Stddev	.05019	.00028	.00496	.00375	.00244	.00121	.00131
%RSD	143.24	543.06	45.144	249.46	32.732	33.556	34.956

#1	-.00193	.00024	-.00542	.00527	-.00547	.00223	-.00224
#2	.09218	-.00031	-.01256	.00148	-.00671	.00404	-.00429
#3	.01488	-.00009	-.01495	-.00223	-.01017	.00452	-.00467

Sample Name: ICSA01 Acquired: 12/27/2018 13:13:01 Type: Unk
 Method: P4-ICP2(v2686) 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	.00973	.0008	-.00572	F 4.8799	F<.00000
Stddev	.00254	.0010	.00263	.4854	.63771
%RSD	26.076	117.6	45.980	9.9473	3.5496
#1	.01084	.0011	-.00863	4.8489	-18.596
#2	.01153	.0016	-.00349	4.4107	-17.320
#3	.00683	-.0003	-.00506	5.3800	-17.981
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.0	59454.	4531.3	91.495	3174.2
Stddev	14.2	684.	42.4	2.193	21.8
%RSD	.50493	1.1503	.93526	2.3967	.68670
#1	2808.3	59111.	4503.4	88.981	3159.8
#2	2821.0	60242.	4510.5	92.489	3163.4
#3	2836.7	59010.	4580.1	93.015	3199.2

Sample Name: ICSAB01 Acquired: 12/27/2018 13:17:13 Type: Unk
Method: P4-ICP2(v2686) 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	.09845	.09705	.05079	.05264	.64221	270.91	.53581
Stddev	.00365	.00147	.00034	.00348	.00432	.54	.00158
%RSD	3.7119	1.5187	.66092	6.6025	.67193	.19956	.29579

#1	.09643	.09562	.05043	.04929	.64114	270.50	.53732
#2	.09624	.09856	.05086	.05240	.63853	270.70	.53594
#3	.10267	.09697	.05109	.05623	.64696	271.52	.53416

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56057	1.0315	246.42	.58751	.51993	.53002	98.620
Stddev	.00340	.0023	.97	.00205	.00279	.00489	2.968
%RSD	.60725	.22067	.39164	.34924	.53633	.92351	3.0092

#1	.56269	1.0330	246.52	.58851	.51959	.52781	98.043
#2	.56237	1.0289	247.34	.58886	.51733	.52662	101.83
#3	.55664	1.0327	245.41	.58514	.52288	.53563	95.983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54469	258.45	1.0317	.22928	.00330	.53170	1.0534
Stddev	.00234	.56	.0047	.00162	.00966	.00186	.0340
%RSD	.42923	.21717	.45181	.70617	292.92	.34889	3.2257

#1	.54633	258.60	1.0328	.23030	.01435	.53268	1.0485
#2	.54572	258.93	1.0266	.23013	-.00348	.53286	1.0895
#3	.54201	257.83	1.0357	.22741	-.00099	.52956	1.0221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	F 1.1105	F 1.0831	.00418	F 1.0185	F 1.1144	F 1.0992
Stddev	.00355	.0048	.0125	.00476	.0117	.0077	.0052
%RSD	484.27	.43488	1.1534	113.73	1.1449	.69093	.47352

#1	-.00300	1.1068	1.0776	.00551	1.0227	1.1094	1.1011
#2	.00406	1.1086	1.0974	.00814	1.0276	1.1106	1.0933
#3	.00114	1.1160	1.0743	-.00110	1.0054	1.1233	1.1032

Sample Name: ICSAB01 Acquired: 12/27/2018 13:17:13 Type: Unk
 Method: P4-ICP2(v2686) 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	.00919	F -.0014	F -.00597	F 4.9222	F<.00000
Stddev	.00104	.0009	.00334	.1900	.91118
%RSD	11.289	62.53	55.924	3.8600	5.2675

#1	.01031	-.0011	-.00536	5.0468	-16.246
#2	.00897	-.0025	-.00958	5.0162	-17.844
#3	.00827	-.0008	-.00299	4.7035	-17.804

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2815.1	59754.	4603.1	92.032	3162.1
Stddev	8.2	166.	34.5	2.932	7.2
%RSD	.29087	.27805	.74881	3.1853	.22764

#1	2821.3	59674.	4591.2	92.296	3154.0
#2	2818.3	59643.	4576.1	88.977	3167.9
#3	2805.9	59945.	4641.9	94.822	3164.4

Sample Name: CCV01 Acquired: 12/27/2018 13:21:08 Type: Unk
Method: P4-ICP2(v2686) 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	5.0112	4.9871	4.9289	5.0268	4.9557	9.7488	9.8109	.24969
Stddev	.0323	.0382	.0436	.0475	.0420	.0823	.0368	.00199
%RSD	.64444	.76604	.88377	.94456	.84728	.84426	.37549	.79653
#1	4.9981	4.9773	4.9126	5.0002	4.9377	9.7632	9.8278	.24840
#2	5.0480	5.0292	4.9782	5.0816	5.0037	9.8230	9.8363	.25198
#3	4.9875	4.9547	4.8958	4.9985	4.9257	9.6602	9.7687	.24868
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4520	24.615	1.0107	2.4566	1.2542	5.0886	2.5164	24.434
Stddev	.0198	.074	.0021	.0193	.0110	.0376	.0106	.175
%RSD	.80615	.29898	.20588	.78637	.87563	.73869	.42152	.71498
#1	2.4452	24.600	1.0099	2.4507	1.2494	5.1310	2.5120	24.302
#2	2.4743	24.550	1.0130	2.4781	1.2667	5.0757	2.5285	24.368
#3	2.4365	24.695	1.0091	2.4409	1.2464	5.0592	2.5087	24.632
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4656	1.2560	24.211	2.4748	2.5422	24.722	5.0075	4.9323
Stddev	.0196	.0032	.064	.0120	.0296	.037	.0423	.0140
%RSD	.79404	.25274	.26520	.48330	1.1634	.15042	.84582	.28323
#1	2.4532	1.2537	24.252	2.4666	2.5756	24.730	4.9845	4.9163
#2	2.4882	1.2596	24.244	2.4885	2.5314	24.754	5.0564	4.9418
#3	2.4555	1.2547	24.137	2.4693	2.5195	24.681	4.9816	4.9388
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9242	4.9552	4.9321	4.9706	4.8933	4.911	4.9265	F 3.4876
Stddev	.0322	.0243	.0439	.0061	.0103	.043	.0436	.0686
%RSD	.65332	.49002	.89024	.12354	.21089	.8697	.88578	1.9671
#1	4.9165	4.9514	4.9081	4.9659	4.8982	4.903	4.8790	3.4736
#2	4.9596	4.9330	4.9828	4.9775	4.9002	4.957	4.9648	3.5621
#3	4.8966	4.9811	4.9054	4.9683	4.8814	4.873	4.9358	3.4270

Sample Name: CCV01 Acquired: 12/27/2018 13:21:08 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1268
Stddev	.4945
%RSD	15.815

#1	3.2337
#2	3.5591
#3	2.5876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.3	63751.	4678.6	93.558	3511.7
Stddev	17.9	295.	13.2	1.085	21.1
%RSD	.59414	.46285	.28213	1.1597	.60144

#1	3026.9	63756.	4666.5	92.308	3516.6
#2	2997.6	63453.	4692.7	94.111	3488.6
#3	3030.3	64043.	4676.5	94.254	3530.0

Sample Name: LLCCV01 Acquired: 12/27/2018 13:24:57 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02095	.04539	.01265	.02040	.05384	.09802	.10708	.00636
Stddev	.00038	.00123	.00020	.00145	.00092	.00322	.00061	.00004
%RSD	1.8118	2.7136	1.5636	7.0951	1.7115	3.2868	.57289	.55561
#1	.02123	.04675	.01271	.01967	.05414	.10030	.10639	.00632
#2	.02052	.04506	.01243	.01947	.05281	.09942	.10754	.00637
#3	.02111	.04435	.01281	.02207	.05457	.09433	.10732	.00638
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	2.1201	.01067	.03226	.02242	.09936	.02299	2.2507
Stddev	.00003	.0069	.00028	.00009	.00084	.00493	.00023	.0347
%RSD	.47048	.32522	2.5998	.29108	3.7468	4.9590	1.0120	1.5431
#1	.00576	2.1139	.01038	.03224	.02298	.09373	.02281	2.2152
#2	.00572	2.1275	.01070	.03218	.02145	.10290	.02291	2.2846
#3	.00570	2.1189	.01093	.03236	.02282	.10144	.02326	2.2525
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04261	.01088	2.1050	.04560	.04557	2.1560	.20396	.11653
Stddev	.00042	.00017	.0105	.00052	.00111	.0045	.00035	.00709
%RSD	.99254	1.5834	.49901	1.1507	2.4257	.20826	.17159	6.0823
#1	.04212	.01070	2.1143	.04519	.04561	2.1580	.20407	.11765
#2	.04280	.01089	2.1071	.04542	.04444	2.1509	.20357	.10894
#3	.04290	.01104	2.0936	.04620	.04665	2.1592	.20425	.12299
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01550	.41112	.04183	.04174	.02093	.0166	.02064	F .67545
Stddev	.00170	.00164	.00027	.00048	.00121	.0002	.00016	.41311
%RSD	10.989	.39824	.64837	1.1532	5.8000	.9431	.75532	61.162
#1	.01419	.41269	.04162	.04137	.02229	.0164	.02072	.38303
#2	.01742	.41124	.04214	.04228	.01994	.0167	.02046	.49526
#3	.01488	.40942	.04175	.04156	.02057	.0166	.02075	1.1480

Sample Name: LLCCV01 Acquired: 12/27/2018 13:24:57 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .41889
Stddev	.57125
%RSD	136.37

#1	.70837
#2	-.23915
#3	.78747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.4	66901.	4693.9	101.11	4027.9
Stddev	10.4	756.	30.4	2.32	16.0
%RSD	.32834	1.1298	.64684	2.2923	.39712

#1	3168.1	67263.	4659.2	100.68	4016.1
#2	3188.7	67408.	4715.6	103.61	4046.1
#3	3175.3	66032.	4706.9	99.033	4021.4

Sample Name: CCB01 Acquired: 12/27/2018 13:29:03 Type: Unk
Method: P4-ICP2(v2686) 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	.00059	.00232	.00027	-.00032	-.00043	.00479	.00018	-.00009
Stddev	.00095	.00090	.00043	.00221	.00114	.01211	.00038	.00006
%RSD	160.67	38.657	159.93	695.46	262.99	253.04	215.97	65.435
#1	-.00042	.00142	-.00019	-.00047	-.00045	-.00221	.00061	-.00003
#2	.00145	.00232	.00068	-.00245	.00072	.01877	-.00014	-.00009
#3	.00074	.00321	.00032	.00197	-.00157	-.00220	.00007	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00610	-.00027	-.00021	.00059	-.00309	-.00001	.03193
Stddev	.00009	.00929	.00027	.00007	.00028	.00147	.00003	.02024
%RSD	413.11	152.42	100.31	33.577	46.311	47.644	561.45	63.390
#1	.00002	-.01657	-.00014	-.00013	.00087	-.00231	.00000	.01353
#2	.00004	-.00290	-.00009	-.00023	.00032	-.00480	-.00004	.02864
#3	-.00013	.00118	-.00058	-.00027	.00060	-.00218	.00002	.05361
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00032	-.02965	.00074	-.00007	.04103	-.00005	.00667
Stddev	.00020	.00011	.00659	.00013	.00006	.00595	.00018	.00264
%RSD	65.455	34.502	22.216	17.637	83.262	14.499	329.38	39.555
#1	-.00014	-.00021	-.02695	.00089	-.00009	.04541	-.00026	.00727
#2	-.00024	-.00032	-.02484	.00064	-.00000	.03426	.00000	.00896
#3	-.00052	-.00043	-.03716	.00069	-.00012	.04342	.00009	.00379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00452	-.00003	.00093	-.00147	.00045	-.0011	.00011	F .65360
Stddev	.00059	.00045	.00027	.00083	.00201	.0002	.00005	.28524
%RSD	13.088	1349.4	28.802	56.235	444.82	22.18	47.646	43.641
#1	-.00512	.00005	.00118	-.00108	.00249	-.0010	.00016	.74342
#2	-.00451	.00037	.00097	-.00242	.00041	-.0009	.00007	.33426
#3	-.00393	-.00052	.00065	-.00091	-.00154	-.0014	.00008	.88312

Sample Name: CCB01 Acquired: 12/27/2018 13:29:03 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .56667
Stddev .42918
%RSD 75.738

#1 .90767
#2 .08474
#3 .70760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.3	67106.	4690.3	99.647	4078.2
Stddev	11.7	539.	32.8	1.114	11.6
%RSD	.36598	.80277	.69854	1.1178	.28509

#1	3188.3	67208.	4655.7	99.775	4079.6
#2	3178.1	67586.	4720.9	100.69	4066.0
#3	3201.4	66524.	4694.2	98.475	4089.1

Sample Name: LR CHECK1 Acquired: 12/27/2018 13:38:25 Type: Unk
Method: P4-ICP2(v2686) 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	-.08005	-.07139	.42614	-.01539	.05198	1883.2	.19811	.00400
Stddev	.00623	.00577	.00341	.01482	.00961	8.6	.00474	.00026
%RSD	7.7877	8.0849	.80131	96.262	18.480	.45560	2.3938	6.6254
#1	-.07636	-.07200	.42658	-.02542	.04089	1874.7	.20136	.00412
#2	-.07654	-.06533	.42932	.00163	.05774	1891.9	.19267	.00369
#3	-.08724	-.07682	.42253	-.02238	.05731	1883.1	.20031	.00418
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04961	1731.9	.06269	.04537	.44747	921.41	.09694	1840.7
Stddev	.00308	45.0	.00077	.00007	.01135	27.15	.00040	48.0
%RSD	6.2119	2.5999	1.2233	.16380	2.5366	2.9462	.40851	2.6102
#1	.05270	1776.3	.06323	.04529	.45826	890.18	.09730	1879.8
#2	.04654	1686.3	.06181	.04539	.43564	939.44	.09700	1787.1
#3	.04958	1733.1	.06302	.04544	.44851	934.60	.09652	1855.2
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23216	.03287	1660.2	.00615	.25148	1034.9	.01119	-.14552
Stddev	.00453	.00340	52.2	.00067	.00709	22.1	.00057	.06566
%RSD	1.9523	10.333	3.1434	10.890	2.8211	2.1311	5.0514	45.123
#1	.22891	.02897	1716.7	.00565	.24334	1053.4	.01062	-.21447
#2	.23023	.03440	1613.9	.00691	.25633	1010.5	.01120	-.08373
#3	.23733	.03522	1650.1	.00589	.25478	1040.8	.01175	-.13835
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43763	.10227	.03119	-.04722	.09306	.0488	-.99676	9.2072
Stddev	.01399	.00149	.00389	.00086	.00304	.0029	.03012	.2551
%RSD	3.1958	1.4538	12.465	1.8230	3.2647	6.027	3.0222	2.7710
#1	.42343	.10392	.03196	-.04733	.09360	.0471	-.96214	9.2875
#2	.45139	.10186	.03463	-.04631	.08978	.0522	-1.0170	9.4125
#3	.43808	.10104	.02697	-.04802	.09578	.0471	-1.0112	8.9216

Sample Name: LR CHECK1 Acquired: 12/27/2018 13:38:25 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.0	44921.	3983.0	63.470	1946.3
Stddev	13.3	143.	88.5	1.921	14.9
%RSD	.61934	.31942	2.2219	3.0264	.76324

#1	2153.2	44831.	3899.1	65.668	1959.3
#2	2147.9	44844.	4075.5	62.113	1949.5
#3	2128.0	45086.	3974.4	62.629	1930.1

Sample Name: LR CHECK2 Acquired: 12/27/2018 13:43:02 Type: Unk
Method: P4-ICP2(v2686) 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	.00123	.00062	248.83	.02601	-.01531	-.29237	93.439	-.00003
Stddev	.00172	.00114	3.05	.00174	.00203	.00803	.200	.00003
%RSD	139.25	184.23	1.2273	6.6728	13.288	2.7475	.21442	74.671

#1	.00069	-.00063	252.00	.02801	-.01470	-.28309	93.255	-.00006
#2	.00316	.00159	245.91	.02511	-.01759	-.29692	93.410	-.00001
#3	-.00015	.00090	248.59	.02492	-.01366	-.29709	93.653	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01017	.16306	-.12708	-.02691	249.10	-.73507	41.296	-.03113
Stddev	.00013	.01217	.00154	.00045	.94	.01164	.380	.02376
%RSD	1.2368	7.4654	1.2131	1.6607	.37872	1.5839	.91981	76.326

#1	-.01018	.17701	-.12885	-.02719	250.18	-.74171	41.694	-.02175
#2	-.01004	.15757	-.12608	-.02715	248.42	-.72163	40.937	-.05815
#3	-.01029	.15460	-.12630	-.02640	248.72	-.74187	41.256	-.01349

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.387	.00269	1.1271	-.00482	36.518	.79714	-.00244	-.00370
Stddev	.295	.00035	.0746	.00048	.337	.06520	.00015	.00106
%RSD	.59797	13.085	6.6169	9.9886	.92356	8.1797	5.9960	28.713

#1	49.725	.00237	1.2023	-.00446	36.193	.86766	-.00255	-.00453
#2	49.257	.00307	1.1257	-.00537	36.866	.78475	-.00248	-.00406
#3	49.178	.00263	1.0532	-.00464	36.496	.73903	-.00227	-.00250

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07458	-.00443	.00125	.00289	.00154	-.8804	.00296	1.0920
Stddev	.00240	.00140	.00033	.00174	.00133	.0143	.00007	.3305
%RSD	3.2118	31.594	26.297	60.139	86.082	1.627	2.2860	30.269

#1	.07734	-.00507	.00124	.00469	.00279	-.8870	.00295	1.1107
#2	.07299	-.00538	.00159	.00123	.00170	-.8903	.00290	.75247
#3	.07341	-.00282	.00093	.00274	.00014	-.8640	.00303	1.4127

Sample Name: LR CHECK2 Acquired: 12/27/2018 13:43:02 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .87204
Stddev .40259
%RSD 46.166

#1 1.2702
#2 .88086
#3 .46512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2958.6	65719.	4721.2	90.906	3552.8
Stddev	14.1	169.	14.2	.728	29.8
%RSD	.47775	.25674	.30057	.80086	.84004

#1	2942.3	65544.	4731.7	91.433	3518.4
#2	2966.4	65881.	4705.1	90.075	3567.5
#3	2967.1	65730.	4727.0	91.208	3572.4

Sample Name: J6550-01 Acquired: 12/27/2018 13:51:41 Type: Unk
Method: P4-ICP2(v2686) 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	.08820	-.00042	1.2401	.01525	.00911	60.412	.36460
Stddev	.00122	.00019	.0070	.00319	.00117	.216	.00309
%RSD	1.3862	45.591	.56647	20.913	12.813	.35671	.84751

#1	.08711	-.00020	1.2321	.01648	.00790	60.652	.36802
#2	.08797	-.00055	1.2434	.01163	.01023	60.235	.36378
#3	.08952	-.00052	1.2449	.01764	.00921	60.349	.36201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00472	.00048	2.0095	.08970	.02204	.18650	93.353
Stddev	.00005	.00031	.0147	.00130	.00021	.00094	2.015
%RSD	1.0846	63.455	.73389	1.4499	.96367	.50446	2.1584

#1	.00474	.00015	2.0208	.09114	.02187	.18541	95.526
#2	.00466	.00076	1.9928	.08935	.02228	.18696	91.547
#3	.00475	.00053	2.0149	.08860	.02198	.18712	92.986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0804	7.0094	.06112	.00589	.75080	.15173	.33058
Stddev	.0072	.0734	.00021	.00012	.00474	.00117	.00859
%RSD	.34805	1.0475	.35067	2.0854	.63195	.76903	2.5997

#1	2.0877	7.0939	.06090	.00597	.74786	.15292	.34018
#2	2.0804	6.9616	.06113	.00595	.74827	.15166	.32360
#3	2.0732	6.9726	.06133	.00575	.75628	.15059	.32797

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8563	.00582	.00680	1.6181	7.4729	.02782	.57770
Stddev	.0210	.00021	.00169	.0079	.0758	.00019	.01907
%RSD	.73410	3.5451	24.770	.49055	1.0147	.69649	3.3012

#1	2.8803	.00604	.00874	1.6111	7.3868	.02768	.56643
#2	2.8419	.00579	.00602	1.6165	7.5297	.02804	.56695
#3	2.8466	.00563	.00566	1.6267	7.5022	.02774	.59972

Sample Name: J6550-01 Acquired: 12/27/2018 13:51:41 Type: Unk
Method: P4-ICP2(v2686) 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	.04968	7.564	-.07894	<.00000	F<.00000
Stddev	.00089	.026	.00207	.11217	.55368
%RSD	1.7820	.3410	2.6171	13.513	2.0632
#1	.04950	7.536	-.08118	-.74320	-26.356
#2	.05064	7.587	-.07711	-.79030	-27.442
#3	.04889	7.567	-.07852	-.95670	-26.711
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.6	70806.	5132.1	98.514	3783.3
Stddev	5.8	457.	42.4	2.400	9.6
%RSD	.17517	.64555	.82692	2.4362	.25262
#1	3297.9	70285.	5083.2	95.788	3793.6
#2	3300.9	70989.	5153.0	100.31	3774.7
#3	3309.1	71143.	5160.0	99.440	3781.6

Sample Name: J6550-02 Acquired: 12/27/2018 13:55:34 Type: Unk
Method: P4-ICP2(v2686) 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	.05038	-.00115	.53494	.01418	.00686	48.423	.38703
Stddev	.00118	.00018	.00123	.00093	.00133	.728	.00317
%RSD	2.3408	15.213	.23067	6.5780	19.436	1.5039	.81944

#1	.05120	-.00133	.53563	.01412	.00825	47.712	.38829
#2	.04903	-.00115	.53567	.01328	.00674	49.167	.38343
#3	.05090	-.00098	.53351	.01515	.00559	48.391	.38939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00380	.00101	18.493	.07839	.02194	.11149	84.434
Stddev	.00008	.00012	.133	.00114	.00018	.00062	1.347
%RSD	2.2031	11.816	.72164	1.4486	.83015	.55472	1.5956

#1	.00371	.00110	18.519	.07751	.02194	.11175	84.327
#2	.00381	.00087	18.348	.07967	.02176	.11079	85.831
#3	.00388	.00105	18.611	.07798	.02212	.11195	83.143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6799	8.2263	.06004	.00472	.65401	.14991	.82187
Stddev	.0334	.0611	.00045	.00017	.01616	.00151	.01444
%RSD	1.2456	.74280	.74992	3.6928	2.4709	1.0061	1.7569

#1	2.6512	8.1933	.06035	.00452	.64658	.14857	.81974
#2	2.7165	8.1888	.06024	.00477	.64290	.15154	.83726
#3	2.6720	8.2968	.05952	.00486	.67255	.14963	.80862

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2027	.00452	.00752	2.6272	3.8469	.01244	.41311
Stddev	.0239	.00027	.00607	.0056	.0563	.00071	.00375
%RSD	.74547	5.9061	80.641	.21187	1.4632	5.7298	.90767

#1	3.1939	.00459	.00120	2.6314	3.8771	.01214	.41134
#2	3.2297	.00422	.01330	2.6292	3.7819	.01326	.41058
#3	3.1844	.00474	.00806	2.6209	3.8815	.01193	.41742

Sample Name: J6550-02 Acquired: 12/27/2018 13:55:34 Type: Unk
Method: P4-ICP2(v2686) 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	.04039	4.277	-.00886	<.00000	F<.00000
Stddev	.00076	.011	.00155	.74702	.36482
%RSD	1.8877	.2494	17.542	68.623	1.8365

#1	.04096	4.285	-.00866	-1.4466	-20.245
#2	.04070	4.265	-.01050	-.22994	-19.832
#3	.03953	4.281	-.00741	-1.5892	-19.517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.8	71015.	5180.2	100.08	3758.2
Stddev	5.9	937.	35.5	1.68	9.7
%RSD	.18035	1.3201	.68623	1.6777	.25940

#1	3283.0	71738.	5161.3	100.28	3749.1
#2	3294.8	69956.	5221.2	98.302	3756.8
#3	3288.8	71351.	5158.1	101.64	3768.5

Sample Name: J6550-03 Acquired: 12/27/2018 13:59:27 Type: Unk
Method: P4-ICP2(v2686) 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	.08058	-.00261	1.5820	.01632	.01926	48.450	.42696
Stddev	.00086	.00060	.0164	.00342	.00052	.319	.00355
%RSD	1.0647	22.919	1.0351	20.963	2.6984	.65792	.83173

#1	.07998	-.00314	1.5755	.01611	.01970	48.087	.42992
#2	.08156	-.00196	1.6006	.01983	.01940	48.682	.42303
#3	.08019	-.00272	1.5699	.01300	.01869	48.582	.42794

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00432	.00226	18.124	.09654	.02317	.19711	88.482
Stddev	.00006	.00005	.159	.00053	.00021	.00173	.347
%RSD	1.3194	2.3410	.87619	.55411	.91277	.87999	.39251

#1	.00425	.00226	17.998	.09609	.02322	.19587	88.081
#2	.00435	.00231	18.071	.09713	.02336	.19909	88.686
#3	.00436	.00220	18.302	.09640	.02294	.19636	88.678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3910	7.8959	.07116	.00488	.60666	.24240	1.2673
Stddev	.0055	.1178	.00015	.00012	.00707	.00127	.0003
%RSD	.23116	1.4923	.21542	2.4157	1.1658	.52477	.02461

#1	2.3855	7.9428	.07129	.00483	.60552	.24120	1.2673
#2	2.3908	7.7618	.07120	.00502	.60023	.24226	1.2677
#3	2.3965	7.9830	.07099	.00480	.61424	.24373	1.2671

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5610	.00810	.01654	3.8010	3.5474	.03235	.49129
Stddev	.0197	.00010	.00855	.0426	.0540	.00045	.00483
%RSD	.43250	1.2000	51.702	1.1202	1.5211	1.3818	.98250

#1	4.5756	.00799	.00864	3.7755	3.5889	.03184	.49480
#2	4.5689	.00817	.01536	3.8501	3.4864	.03256	.48579
#3	4.5386	.00815	.02562	3.7773	3.5670	.03266	.49328

Sample Name: J6550-03 Acquired: 12/27/2018 13:59:27 Type: Unk
Method: P4-ICP2(v2686) 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	.03885	6.115	.01709	<.00000	F<.00000
Stddev	.00214	.071	.00053	.12835	1.2036
%RSD	5.4996	1.163	3.0819	15.539	5.1225
#1	.03820	6.072	.01710	-.95153	-22.427
#2	.03712	6.197	.01655	-.83139	-23.265
#3	.04124	6.076	.01761	-.69500	-24.800
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.3	70163.	5152.4	100.51	3752.5
Stddev	22.4	322.	34.2	.22	32.3
%RSD	.69085	.45902	.66309	.21718	.86016
#1	3246.7	70535.	5146.1	100.43	3763.5
#2	3225.2	69996.	5189.2	100.76	3716.1
#3	3270.1	69959.	5121.8	100.35	3777.8

Sample Name: J6550-04 Acquired: 12/27/2018 14:03:20 Type: Unk
Method: P4-ICP2(v2686) 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	.09325	-.00426	24.478	.02681	.02207	64.729	3.2500
Stddev	.00410	.00034	.127	.00233	.00133	1.218	.0111
%RSD	4.4003	7.9021	.51829	8.6956	6.0488	1.8819	.34105

#1	.09116	-.00423	24.334	.02849	.02354	64.656	3.2394
#2	.09062	-.00462	24.529	.02778	.02173	63.549	3.2615
#3	.09798	-.00394	24.572	.02415	.02093	65.982	3.2489

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00491	.01496	68.459	.35490	.04243	.88378	214.60
Stddev	.00009	.00020	.275	.00562	.00055	.00374	1.25
%RSD	1.8013	1.3524	.40194	1.5825	1.2860	.42336	.58167

#1	.00482	.01479	68.351	.35363	.04189	.88008	214.56
#2	.00491	.01490	68.772	.35003	.04243	.88371	215.87
#3	.00500	.01519	68.254	.36105	.04298	.88756	213.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8754	19.173	.18101	.01269	1.0809	.36740	5.2509
Stddev	.0920	.167	.00114	.00016	.0062	.00477	.0441
%RSD	1.8874	.87074	.62775	1.2725	.57594	1.2984	.83957

#1	4.8612	19.086	.17976	.01274	1.0799	.36621	5.2297
#2	4.7914	19.068	.18199	.01282	1.0752	.36334	5.3016
#3	4.9737	19.366	.18127	.01251	1.0875	.37265	5.2215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5775	.00729	.00004	3.9240	3.9503	.16789	1.1183
Stddev	.0143	.00008	.00506	.0281	.0852	.00146	.0030
%RSD	.31164	1.0679	14135.	.71610	2.1565	.86824	.26945

#1	4.5940	.00737	-.00460	3.8918	4.0455	.16629	1.1215
#2	4.5683	.00721	-.00073	3.9364	3.8814	.16821	1.1179
#3	4.5704	.00729	.00543	3.9437	3.9240	.16916	1.1155

Sample Name: J6550-04 Acquired: 12/27/2018 14:03:20 Type: Unk
 Method: P4-ICP2(v2686) 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	.07210	8.484	-.04262	.38445	F<.00000
Stddev	.00182	.036	.00100	.69369	1.0784
%RSD	2.5245	.4225	2.3537	180.44	.89304
#1	.07420	8.443	-.04249	.60324	-120.28
#2	.07107	8.510	-.04368	-.39225	-120.00
#3	.07102	8.500	-.04168	.94237	-121.99
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.0	67270.	5080.0	96.552	3537.2
Stddev	8.6	960.	29.0	.778	13.7
%RSD	.27174	1.4265	.57124	.80548	.38847
#1	3177.7	67278.	5088.7	96.826	3553.0
#2	3160.7	68226.	5047.6	95.674	3530.1
#3	3171.7	66307.	5103.7	97.156	3528.4

Sample Name: J6550-05 Acquired: 12/27/2018 14:07:18 Type: Unk
Method: P4-ICP2(v2686) 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	.06928	.00148	14.892	.06488	.02795	66.263	1.0390	.00651
Stddev	.00151	.00062	.013	.00712	.00148	.769	.0093	.00001
%RSD	2.1747	42.104	.08816	10.975	5.2958	1.1612	.89807	.19308

#1	.07061	.00217	14.906	.07305	.02965	65.429	1.0474	.00650
#2	.06959	.00135	14.880	.05999	.02691	66.945	1.0407	.00652
#3	.06765	.00094	14.889	.06160	.02730	66.416	1.0290	.00651

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01883	10.101	.11184	.04178	.58349	523.17	3.5837	9.4389
Stddev	.00203	.086	.00132	.00032	.00708	17.05	.0323	.0788
%RSD	10.787	.84846	1.1821	.76725	1.2138	3.2595	.90034	.83491

#1	.01653	10.145	.11037	.04214	.57564	542.75	3.5488	9.4702
#2	.01962	10.155	.11293	.04156	.58542	515.16	3.6124	9.4973
#3	.02036	10.002	.11221	.04162	.58940	511.60	3.5899	9.3493

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12702	.03111	.77372	.24469	5.4848	3.1040	.00359	.01173
Stddev	.00077	.00269	.01330	.00155	.1761	.0567	.00020	.02709
%RSD	.60310	8.6460	1.7196	.63263	3.2112	1.8254	5.5995	230.96

#1	.12780	.03420	.75870	.24298	5.6880	3.1396	.00377	.04161
#2	.12627	.02974	.77841	.24599	5.3891	3.1337	.00337	-.01123
#3	.12699	.02937	.78404	.24510	5.3771	3.0387	.00363	.00481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0748	5.4811	1.4355	.56282	.06042	7.992	-.52141	<.00000
Stddev	.0103	.0684	.0034	.01621	.00110	.033	.01861	.57918
%RSD	.33632	1.2478	.23716	2.8797	1.8134	.4103	3.5696	30.535

#1	3.0832	5.5028	1.4340	.57123	.06146	8.003	-.54282	-2.5645
#2	3.0633	5.4045	1.4331	.57309	.06052	7.956	-.51234	-1.5301
#3	3.0781	5.5360	1.4394	.54413	.05928	8.019	-.50908	-1.5957

Sample Name: J6550-05 Acquired: 12/27/2018 14:07:18 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.0	67897.	4998.5	91.083	3457.4
Stddev	13.1	544.	53.9	3.032	13.6
%RSD	.41083	.80174	1.0774	3.3284	.39350

#1	3175.9	68525.	4937.8	87.584	3442.8
#2	3201.4	67552.	5017.1	92.750	3469.7
#3	3183.7	67614.	5040.6	92.916	3459.5

Sample Name: J6550-06 Acquired: 12/27/2018 14:11:15 Type: Unk
Method: P4-ICP2(v2686) 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	.06660	-.00602	30.357	.01357	.09542	58.593	.75732
Stddev	.00029	.00362	.192	.00189	.00161	.239	.00409
%RSD	.44264	60.130	.63321	13.902	1.6912	.40868	.54032

#1	.06627	-.00571	30.546	.01573	.09660	58.335	.76071
#2	.06667	-.00256	30.365	.01275	.09609	58.637	.75847
#3	.06685	-.00978	30.161	.01223	.09358	58.808	.75277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	.01432	492.83	.24727	.03963	1.0121	155.33
Stddev	.00005	.00045	.74	.00154	.00051	.0067	1.87
%RSD	.79054	3.1139	.15026	.62241	1.2855	.66546	1.2062

#1	.00568	.01481	492.68	.24699	.03987	1.0185	153.38
#2	.00573	.01393	493.63	.24588	.03998	1.0128	157.12
#3	.00577	.01422	492.18	.24893	.03905	1.0051	155.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4992	265.45	.14222	.01280	1.9297	.19225	2.4003
Stddev	.0049	1.31	.00045	.00066	.0182	.00104	.0204
%RSD	.19494	.49508	.31717	5.1522	.94443	.54182	.84993

#1	2.4936	266.82	.14274	.01238	1.9502	.19111	2.3862
#2	2.5023	265.32	.14199	.01356	1.9234	.19316	2.4237
#3	2.5018	264.21	.14193	.01247	1.9155	.19249	2.3911

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4106	.01472	.03990	9.2244	2.3918	.16240	1.2857
Stddev	.0243	.00008	.00649	.0576	.0279	.00074	.0042
%RSD	.28944	.56230	16.261	.62454	1.1671	.45292	.32571

#1	8.4208	.01480	.03298	9.2849	2.3605	.16276	1.2852
#2	8.4282	.01471	.04089	9.2180	2.4010	.16156	1.2901
#3	8.3828	.01464	.04584	9.1702	2.4140	.16289	1.2817

Sample Name: J6550-06 Acquired: 12/27/2018 14:11:15 Type: Unk
Method: P4-ICP2(v2686) 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	.09925	8.431	.27973	3.6778	F<.00000
Stddev	.00097	.067	.00211	.1115	1.5189
%RSD	.97988	.7929	.75561	3.0307	2.3479
#1	.10000	8.499	.28180	3.6002	-63.627
#2	.09959	8.430	.27757	3.8055	-64.015
#3	.09815	8.365	.27982	3.6277	-66.430
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.9	62561.	4935.4	90.653	3062.3
Stddev	15.4	22.	30.0	.829	17.5
%RSD	.52901	.03536	.60810	.91431	.57181
#1	2887.8	62578.	4904.2	91.300	3046.0
#2	2899.6	62570.	4937.8	89.719	3060.1
#3	2918.3	62536.	4964.1	90.940	3080.8

Sample Name: J6550-06DUP Acquired: 12/27/2018 14:15:05 Type: Unk
Method: P4-ICP2(v2686) 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	.06773	-.00397	30.321	.01323	.09434	58.287	.75895
Stddev	.00249	.00203	.196	.00200	.00298	.952	.00814
%RSD	3.6836	51.037	.64761	15.102	3.1626	1.6328	1.0720

#1	.07022	-.00400	30.309	.01413	.09094	58.541	.76511
#2	.06523	-.00598	30.523	.01462	.09654	57.234	.76201
#3	.06773	-.00193	30.131	.01094	.09554	59.085	.74972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00564	.01406	496.87	.24510	.03940	1.0091	158.31
Stddev	.00031	.00023	5.16	.00721	.00040	.0064	1.40
%RSD	5.5156	1.6002	1.0394	2.9421	1.0272	.63099	.88299

#1	.00575	.01388	498.96	.24491	.03948	1.0071	159.92
#2	.00529	.01431	500.67	.23799	.03977	1.0162	157.59
#3	.00588	.01399	490.99	.25241	.03897	1.0039	157.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4788	266.44	.14203	.01319	1.9442	.18999	2.4473
Stddev	.0549	2.66	.00130	.00017	.0309	.00488	.0194
%RSD	2.2169	.99967	.91522	1.3032	1.5891	2.5711	.79234

#1	2.4901	268.34	.14130	.01311	1.9603	.19065	2.4665
#2	2.4191	267.59	.14353	.01338	1.9636	.18480	2.4277
#3	2.5273	263.40	.14126	.01307	1.9085	.19450	2.4477

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4819	.01494	.04634	9.2419	2.4108	.16245	1.2871
Stddev	.0686	.00030	.00486	.0825	.0822	.00093	.0128
%RSD	.80887	2.0286	10.485	.89285	3.4086	.57185	.99289

#1	8.5155	.01459	.04076	9.2464	2.3230	.16341	1.2995
#2	8.5272	.01511	.04963	9.3221	2.4237	.16238	1.2879
#3	8.4029	.01511	.04863	9.1573	2.4858	.16155	1.2740

Sample Name: J6550-06DUP Acquired: 12/27/2018 14:15:05 Type: Unk
Method: P4-ICP2(v2686) 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	.09977	8.425	.27828	3.8105	F<.00000
Stddev	.00145	.067	.00468	.6821	.42638
%RSD	1.4506	.7970	1.6819	17.899	.66333

#1	.10057	8.413	.27987	3.9930	-64.284
#2	.10064	8.497	.28197	3.0558	-64.702
#3	.09810	8.365	.27302	4.3828	-63.849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.8	62795.	4901.1	88.893	3061.6
Stddev	17.1	1194.	30.7	.836	18.4
%RSD	.58846	1.9009	.62656	.94057	.59956

#1	2904.2	62609.	4883.8	88.046	3059.1
#2	2888.1	64070.	4882.9	89.718	3044.7
#3	2922.2	61705.	4936.5	88.914	3081.1

Sample Name: CCV02 Acquired: 12/27/2018 14:18:54 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8981	4.8612	4.8332	4.9290	4.8580	9.4974	9.5971	.24075
Stddev	.0334	.0393	.0329	.0404	.0360	.0997	.0138	.00137
%RSD	.68243	.80839	.68024	.82008	.74147	1.0502	.14346	.56821
#1	4.9329	4.9058	4.8697	4.9744	4.8956	9.3845	9.6103	.23925
#2	4.8662	4.8316	4.8058	4.8970	4.8238	9.5735	9.5980	.24194
#3	4.8952	4.8462	4.8242	4.9156	4.8545	9.5343	9.5828	.24104
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3680	24.083	.99040	2.3990	1.2320	5.0353	2.4380	23.533
Stddev	.0136	.038	.00876	.0146	.0099	.0823	.0140	.083
%RSD	.57346	.15878	.88441	.60671	.80148	1.6345	.57433	.35058
#1	2.3827	24.089	.98058	2.4149	1.2429	4.9953	2.4220	23.475
#2	2.3561	24.042	.99739	2.3863	1.2236	4.9806	2.4484	23.627
#3	2.3650	24.118	.99324	2.3958	1.2296	5.1299	2.4434	23.496
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4095	1.2500	23.574	2.4112	2.5008	24.691	4.9287	4.8228
Stddev	.0179	.0090	.021	.0114	.0426	.048	.0401	.0069
%RSD	.74065	.72108	.09025	.47173	1.7019	.19313	.81342	.14208
#1	2.4295	1.2396	23.557	2.3982	2.4997	24.647	4.9719	4.8157
#2	2.3951	1.2562	23.598	2.4195	2.4587	24.741	4.8928	4.8293
#3	2.4039	1.2541	23.567	2.4158	2.5438	24.685	4.9213	4.8234
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8110	4.8956	4.7719	4.8809	4.8378	4.846	4.8364	F 3.9929
Stddev	.0396	.0214	.0370	.0207	.0069	.043	.0477	.3139
%RSD	.82222	.43669	.77573	.42420	.14291	.8912	.98609	7.8609
#1	4.8539	4.9196	4.8132	4.8855	4.8391	4.893	4.8912	3.7336
#2	4.7759	4.8887	4.7418	4.8989	4.8440	4.809	4.8041	4.3419
#3	4.8033	4.8785	4.7608	4.8583	4.8303	4.836	4.8140	3.9034

Sample Name: CCV02 Acquired: 12/27/2018 14:18:54 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7485
Stddev .2930
%RSD 16.760

#1 1.5639
#2 1.5953
#3 2.0864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.4	63735.	4694.4	92.808	3502.3
Stddev	19.6	354.	23.5	1.603	20.4
%RSD	.65426	.55508	.50080	1.7267	.58150

#1	2979.2	64138.	4667.3	93.025	3481.9
#2	3018.4	63477.	4709.6	94.291	3522.6
#3	2997.6	63589.	4706.3	91.108	3502.6

Sample Name: CCB02 Acquired: 12/27/2018 14:22:38 Type: Unk
Method: P4-ICP2(v2686) 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	.00133	.00090	-.00216	.00125	-.00026	-.00582	-.00111	-.00004
Stddev	.00107	.00085	.00036	.00084	.00044	.00540	.00064	.00006
%RSD	80.858	93.854	16.731	66.625	167.38	92.681	57.339	146.83

#1	.00033	.00004	-.00216	.00100	-.00003	.00020	-.00183	.00003
#2	.00119	.00093	-.00180	.00219	-.00077	-.01022	-.00064	-.00006
#3	.00246	.00173	-.00252	.00058	.00001	-.00746	-.00085	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00892	-.00029	-.00008	.00165	-.00566	.00023	.02817
Stddev	.00008	.00650	.00016	.00016	.00006	.00648	.00002	.03694
%RSD	101.90	72.896	57.323	207.65	3.6174	114.53	8.9254	131.13

#1	.00016	.01456	-.00014	-.00026	.00168	-.00962	.00021	.05940
#2	.00001	.00181	-.00025	-.00003	.00169	-.00918	.00025	.03771
#3	.00005	.01037	-.00047	.00005	.00158	.00182	.00022	-.01260

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00006	.11385	.00080	.00006	.16450	.00006	.00395
Stddev	.00028	.00032	.01546	.00005	.00008	.03783	.00010	.01263
%RSD	138.48	545.01	13.581	6.7237	151.18	22.999	154.40	319.67

#1	.00051	.00042	.10632	.00085	.00004	.17786	-.00004	.00965
#2	.00008	-.00017	.10360	.00080	.00015	.12180	.00015	-.01052
#3	.00000	-.00007	.13164	.00075	-.00002	.19385	.00009	.01273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	.00112	.00219	-.00279	-.00028	-.0011	.00021	.65793
Stddev	.00046	.00177	.00053	.00045	.00115	.0003	.00005	.34952
%RSD	23.126	158.36	24.191	16.208	406.24	32.21	25.262	53.124

#1	-.00174	.00140	.00277	-.00228	.00065	-.0015	.00022	.25440
#2	-.00170	.00274	.00174	-.00298	-.00157	-.0009	.00016	.85404
#3	-.00251	-.00078	.00204	-.00312	.00007	-.0009	.00026	.86536

Sample Name: CCB02 Acquired: 12/27/2018 14:22:38 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .09559
Stddev .55688
%RSD 582.55

#1 -.51687
#2 .23218
#3 .57148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.1	66684.	4703.5	100.14	3993.8
Stddev	36.5	254.	40.3	.74	48.3
%RSD	1.1705	.38033	.85670	.73688	1.2084

#1	3080.7	66898.	4672.1	99.450	3942.6
#2	3130.8	66749.	4689.5	100.92	4000.3
#3	3151.9	66404.	4748.9	100.04	4038.5

Sample Name: J6550-06LX5 Acquired: 12/27/2018 14:26:47 Type: Unk
Method: P4-ICP2(v2686) 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	.01341	-.00013	6.1588	.00683	.01639	11.515	.15552
Stddev	.00149	.00022	.0437	.00232	.00248	.114	.00094
%RSD	11.106	173.04	.70903	33.976	15.125	.98614	.60196

#1	.01183	.00006	6.1231	.00503	.01619	11.384	.15481
#2	.01479	-.00007	6.2075	.00601	.01897	11.572	.15658
#3	.01361	-.00037	6.1458	.00945	.01402	11.589	.15518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.00229	104.16	.05257	.00755	.22592	31.717
Stddev	.00008	.00004	.67	.00047	.00023	.00114	.426
%RSD	7.1360	1.8564	.64571	.90258	2.9953	.50583	1.3421

#1	.00107	.00224	103.71	.05203	.00729	.22509	32.071
#2	.00101	.00231	104.93	.05281	.00764	.22722	31.245
#3	.00117	.00232	103.84	.05288	.00772	.22544	31.836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53867	55.328	.02755	.00228	.44665	.04071	.49494
Stddev	.00383	.710	.00016	.00018	.01079	.00092	.00460
%RSD	.71127	1.2834	.59574	7.8210	2.4167	2.2671	.92898

#1	.53427	54.739	.02764	.00248	.43424	.03972	.49853
#2	.54055	56.117	.02764	.00218	.45186	.04155	.48976
#3	.54121	55.130	.02736	.00217	.45385	.04085	.49652

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8227	.00313	.00698	1.6676	.51215	.03210	.26917
Stddev	.0279	.00007	.00595	.0138	.00733	.00027	.00504
%RSD	1.5334	2.3215	85.289	.82882	1.4312	.83180	1.8741

#1	1.8187	.00306	.01275	1.6577	.50464	.03194	.27236
#2	1.7970	.00312	.00733	1.6834	.51252	.03241	.27179
#3	1.8524	.00320	.00086	1.6618	.51929	.03196	.26335

Sample Name: J6550-06LX5 Acquired: 12/27/2018 14:26:47 Type: Unk
Method: P4-ICP2(v2686) 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	.01950	1.570	.05999	2.8404	F<.00000
Stddev	.00074	.013	.00085	.1849	.33361
%RSD	3.7755	.8339	1.4131	6.5104	30.013
#1	.01877	1.567	.05962	2.7488	-1.3335
#2	.02024	1.584	.06095	3.0532	-1.2731
#3	.01947	1.558	.05938	2.7191	-.72789
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.1	64533.	4804.4	96.057	3549.6
Stddev	2.7	328.	41.2	1.067	17.4
%RSD	.09044	.50864	.85692	1.1107	.48931
#1	3031.0	64879.	4824.2	95.240	3563.3
#2	3027.0	64226.	4757.1	97.264	3530.0
#3	3032.2	64494.	4831.9	95.665	3555.4

Sample Name: J6550-07 Acquired: 12/27/2018 14:30:44 Type: Unk
 Method: P4-ICP2(v2686) 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	.77836	1.7211	41.221	1.7260	.47671	65.965	.92173
Stddev	.00910	.0140	.517	.0155	.00642	.629	.01756
%RSD	1.1697	.81400	1.2553	.89502	1.3468	.95426	1.9053

#1	.78705	1.7337	41.722	1.7406	.48365	66.397	.94071
#2	.77914	1.7237	41.254	1.7276	.47551	65.243	.91844
#3	.76889	1.7060	40.688	1.7098	.47098	66.256	.90605

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19133	.18477	486.83	.62022	.21696	1.4315	163.36
Stddev	.00244	.00212	9.38	.00478	.00352	.0052	4.23
%RSD	1.2776	1.1449	1.9275	.77115	1.6221	.36098	2.5916

#1	.19261	.18673	497.06	.62355	.22039	1.4260	168.20
#2	.18851	.18505	484.81	.61474	.21713	1.4362	161.60
#3	.19286	.18253	478.62	.62238	.21336	1.4322	160.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9240	263.67	.59233	.08311	4.3948	.45619	2.6378
Stddev	.0249	5.06	.00753	.00102	.0927	.00421	.0933
%RSD	.85084	1.9198	1.2717	1.2259	2.1103	.92364	3.5369

#1	2.9438	269.13	.59976	.08428	4.4998	.45950	2.7431
#2	2.8961	262.73	.59253	.08240	4.3604	.45145	2.6050
#3	2.9322	259.14	.58470	.08266	4.3242	.45763	2.5654

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.672	.33094	.26428	8.6704	2.8243	.68514	1.4660
Stddev	.393	.00217	.00820	.1007	.0732	.00888	.0250
%RSD	2.2252	.65565	3.1046	1.1613	2.5906	1.2968	1.7053

#1	18.102	.33254	.25905	8.7701	2.9085	.69448	1.4884
#2	17.584	.33181	.26006	8.6724	2.7886	.68415	1.4706
#3	17.330	.32847	.27374	8.5687	2.7759	.67680	1.4390

Sample Name: J6550-07 Acquired: 12/27/2018 14:30:44 Type: Unk
Method: P4-ICP2(v2686) 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	.29133	F 13.71	.43229	4.6952	F<.00000
Stddev	.00457	.14	.00680	.3177	1.8738
%RSD	1.5698	1.036	1.5719	6.7667	2.4998
#1	.29590	13.85	.43975	4.5676	-72.810
#2	.29135	13.73	.43065	4.4611	-75.819
#3	.28675	13.56	.42646	5.0569	-76.250
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.5	62467.	4952.8	89.551	3079.3
Stddev	11.9	540.	89.1	1.986	19.4
%RSD	.40698	.86512	1.7988	2.2182	.62986
#1	2914.4	62206.	4853.8	87.261	3060.7
#2	2923.9	63089.	4978.0	90.583	3077.9
#3	2938.1	62108.	5026.6	90.809	3099.4

Sample Name: J6550-08 Acquired: 12/27/2018 14:34:26 Type: Unk
 Method: P4-ICP2(v2686) 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	.76774	1.7171	40.842	1.7111	.46794	62.568	.88528
Stddev	.00459	.0083	.217	.0073	.00244	1.789	.01602
%RSD	.59795	.48407	.53215	.42383	.52149	2.8600	1.8095

#1	.77236	1.7236	41.037	1.7135	.46799	62.134	.90152
#2	.76318	1.7077	40.608	1.7030	.46547	61.035	.88484
#3	.76769	1.7201	40.882	1.7169	.47035	64.534	.86949

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18557	.18414	472.28	.59642	.21510	1.4646	155.19
Stddev	.00474	.00125	8.86	.01879	.00107	.0108	1.33
%RSD	2.5556	.68067	1.8753	3.1496	.49789	.73933	.85810

#1	.18548	.18482	480.59	.59362	.21533	1.4735	155.57
#2	.18088	.18270	473.30	.57919	.21394	1.4526	156.28
#3	.19036	.18491	462.96	.61645	.21604	1.4678	153.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8195	255.94	.58691	.08107	4.0976	.44362	2.5685
Stddev	.0846	3.90	.00462	.00157	.0822	.01334	.0195
%RSD	2.9990	1.5257	.78702	1.9408	2.0070	3.0080	.75803

#1	2.8115	259.95	.59131	.08081	4.1794	.44349	2.5782
#2	2.7392	255.72	.58210	.07965	4.0983	.43034	2.5812
#3	2.9077	252.15	.58731	.08276	4.0149	.45702	2.5461

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.952	.33063	.25341	8.5878	2.6784	.67890	1.3834
Stddev	.288	.00234	.01056	.0492	.0366	.00570	.0291
%RSD	1.6970	.70836	4.1682	.57325	1.3670	.83928	2.1022

#1	17.197	.33216	.26446	8.6313	2.7145	.68269	1.4080
#2	17.024	.32794	.25236	8.5343	2.6413	.67235	1.3909
#3	16.636	.33180	.24341	8.5977	2.6793	.68167	1.3513

Sample Name: J6550-08 Acquired: 12/27/2018 14:34:26 Type: Unk
 Method: P4-ICP2(v2686) 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	.27800	F 13.62	.42283	4.4599	F<.00000
Stddev	.00509	.11	.00966	.9455	1.7304
%RSD	1.8303	.7780	2.2837	21.201	2.5287
#1	.28287	13.74	.43247	4.2343	-68.830
#2	.27841	13.52	.42286	3.6475	-66.535
#3	.27272	13.61	.41316	5.4978	-69.926
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.9	62259.	4930.0	89.234	3064.9
Stddev	17.4	1731.	92.3	.651	17.7
%RSD	.59757	2.7796	1.8722	.72941	.57646
#1	2892.4	62659.	4843.8	88.994	3047.2
#2	2927.0	63754.	4918.7	88.737	3082.6
#3	2907.4	60363.	5027.4	89.971	3064.9

Sample Name: J6550-06A Acquired: 12/27/2018 14:38:08 Type: Unk
Method: P4-ICP2(v2686) 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	.76645	1.7095	40.707	1.7049	.46658	61.522	.88715
Stddev	.00415	.0110	.359	.0090	.00495	.350	.00611
%RSD	.54136	.64309	.88208	.52805	1.0616	.56954	.68837

#1	.76333	1.7003	40.565	1.6946	.46140	61.422	.88779
#2	.77116	1.7064	40.441	1.7110	.47127	61.233	.88075
#3	.76486	1.7217	41.116	1.7092	.46706	61.912	.89292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18421	.18361	475.88	.59223	.21412	1.4811	154.18
Stddev	.00080	.00148	1.80	.00256	.00101	.0106	2.84
%RSD	.43647	.80818	.37861	.43307	.47061	.71542	1.8418

#1	.18434	.18249	475.18	.59243	.21339	1.4702	154.10
#2	.18335	.18305	474.53	.58958	.21371	1.4818	157.06
#3	.18494	.18530	477.92	.59469	.21527	1.4914	151.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7900	257.82	.58398	.08014	4.0776	.43878	2.5435
Stddev	.0118	1.72	.00241	.00008	.0335	.00239	.0389
%RSD	.42242	.66619	.41302	.09960	.82128	.54448	1.5297

#1	2.7873	257.30	.58223	.08013	4.0808	.43992	2.5422
#2	2.7798	256.42	.58298	.08022	4.0426	.43603	2.5830
#3	2.8029	259.74	.58673	.08006	4.1093	.44038	2.5052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.988	.33090	.25085	8.5290	2.4044	.67600	1.3796
Stddev	.138	.00206	.00799	.0356	.0335	.00463	.0046
%RSD	.81172	.62293	3.1861	.41736	1.3942	.68490	.33640

#1	17.032	.32873	.25908	8.5023	2.3939	.67174	1.3839
#2	16.833	.33283	.25037	8.5154	2.3775	.67532	1.3747
#3	17.098	.33113	.24312	8.5695	2.4420	.68093	1.3803

Sample Name: J6550-06A Acquired: 12/27/2018 14:38:08 Type: Unk
 Method: P4-ICP2(v2686) 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	.27984	F 13.55	.42591	4.2951	F<.00000
Stddev	.00267	.10	.00584	.0824	1.5327
%RSD	.95245	.7349	1.3720	1.9196	2.2851
#1	.28252	13.50	.42590	4.3841	-68.836
#2	.27719	13.50	.42007	4.2213	-66.308
#3	.27982	13.67	.43176	4.2799	-66.071
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.2	62585.	4869.4	89.201	3063.3
Stddev	10.4	288.	26.7	1.484	19.5
%RSD	.35739	.46005	.54757	1.6639	.63815
#1	2910.8	62629.	4868.2	89.128	3070.3
#2	2905.1	62848.	4896.6	87.755	3078.5
#3	2890.7	62277.	4843.3	90.721	3041.2

Sample Name: J6550-09 Acquired: 12/27/2018 14:41:50 Type: Unk
Method: P4-ICP2(v2686) 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	.07615	-.00467	27.959	.01410	.07485	57.303	.72742
Stddev	.00158	.00027	.077	.00271	.00140	.312	.00316
%RSD	2.0734	5.8582	.27650	19.204	1.8718	.54455	.43400

#1	.07566	-.00471	27.913	.01567	.07408	57.182	.73016
#2	.07486	-.00438	27.916	.01097	.07647	57.070	.72397
#3	.07791	-.00492	28.048	.01565	.07401	57.657	.72811

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	.01353	470.82	.24316	.03869	1.0390	156.03
Stddev	.00011	.00031	2.95	.00234	.00058	.0120	1.13
%RSD	1.8387	2.3040	.62612	.96170	1.5018	1.1544	.72647

#1	.00584	.01335	474.11	.24258	.03873	1.0328	155.84
#2	.00606	.01335	469.95	.24116	.03809	1.0314	155.00
#3	.00595	.01389	468.41	.24573	.03925	1.0529	157.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5008	247.91	.14129	.01435	1.7118	.18597	2.5233
Stddev	.0230	.22	.00037	.00017	.0053	.00224	.0333
%RSD	.91927	.08963	.25987	1.1791	.30886	1.2039	1.3184

#1	2.4895	248.16	.14108	.01433	1.7155	.18558	2.5097
#2	2.4856	247.72	.14107	.01453	1.7058	.18396	2.4990
#3	2.5272	247.86	.14171	.01419	1.7142	.18838	2.5613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3198	.01588	.05222	9.1543	2.3854	.16292	1.2587
Stddev	.0537	.00034	.00299	.0484	.0658	.00071	.0042
%RSD	.64568	2.1180	5.7219	.52870	2.7573	.43709	.33498

#1	8.3675	.01552	.05002	9.1167	2.4610	.16281	1.2634
#2	8.2616	.01594	.05101	9.1372	2.3412	.16227	1.2553
#3	8.3302	.01618	.05562	9.2089	2.3541	.16368	1.2575

Sample Name: J6550-09 Acquired: 12/27/2018 14:41:50 Type: Unk
Method: P4-ICP2(v2686) 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	.09527	8.678	.29181	3.7806	F<.00000
Stddev	.00124	.037	.00413	.3166	.44537
%RSD	1.3013	.4279	1.4162	8.3745	.70138
#1	.09609	8.651	.29600	3.7483	-63.705
#2	.09384	8.663	.29168	3.4813	-63.804
#3	.09587	8.720	.28774	4.1121	-62.988
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.3	62908.	4950.3	88.540	3060.7
Stddev	14.7	475.	21.2	1.056	5.2
%RSD	.50558	.75482	.42918	1.1923	.17103
#1	2906.4	63077.	4927.1	88.878	3060.2
#2	2912.8	63275.	4968.9	89.385	3066.2
#3	2884.8	62372.	4954.8	87.357	3055.8

Sample Name: J6550-10 Acquired: 12/27/2018 14:45:40 Type: Unk
Method: P4-ICP2(v2686) 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	.06490	-.00929	23.235	.02836	.06883	96.218	1.0299
Stddev	.00264	.00212	.163	.00637	.00117	.186	.0117
%RSD	4.0623	22.871	.70029	22.459	1.7059	.19356	1.1339

#1	.06200	-.00862	23.146	.02875	.06884	96.427	1.0432
#2	.06715	-.00758	23.422	.03452	.06765	96.155	1.0214
#3	.06557	-.01166	23.135	.02180	.06999	96.071	1.0251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00780	.01794	634.28	.37131	.09761	1.5591	270.69
Stddev	.00015	.00052	6.60	.00229	.00090	.0071	3.63
%RSD	1.8690	2.9169	1.0405	.61615	.92003	.45341	1.3411

#1	.00781	.01735	641.26	.37243	.09677	1.5545	274.35
#2	.00764	.01813	628.15	.36868	.09856	1.5672	270.61
#3	.00793	.01835	633.44	.37282	.09751	1.5555	267.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2493	378.89	.24354	.02192	2.7126	.34436	2.4099
Stddev	.0107	4.10	.00248	.00093	.0383	.00099	.0314
%RSD	.25062	1.0812	1.0183	4.2260	1.4132	.28671	1.3019

#1	4.2508	383.18	.24331	.02262	2.7514	.34365	2.4383
#2	4.2380	375.02	.24613	.02228	2.6747	.34549	2.4151
#3	4.2591	378.47	.24119	.02087	2.7115	.34394	2.3762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.916	.01099	.07037	5.1963	3.3217	.15077	3.7781
Stddev	.151	.00012	.00519	.0367	.0997	.00040	.0420
%RSD	.79921	1.1107	7.3704	.70540	3.0010	.26537	1.1121

#1	19.065	.01102	.06841	5.1666	3.4003	.15034	3.8256
#2	18.763	.01110	.07625	5.2372	3.2096	.15113	3.7458
#3	18.921	.01086	.06645	5.1850	3.3551	.15085	3.7630

Sample Name: J6550-10 Acquired: 12/27/2018 14:45:40 Type: Unk
 Method: P4-ICP2(v2686) 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	.15764	F 10.68	.48678	2.3398	F<.00000
Stddev	.00147	.06	.00580	.2314	2.6677
%RSD	.93284	.5782	1.1907	9.8907	1.8275
#1	.15908	10.64	.49169	2.1950	-144.05
#2	.15769	10.75	.48038	2.2178	-144.86
#3	.15614	10.65	.48826	2.6067	-149.02
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.6	64969.	5101.8	83.741	2873.1
Stddev	11.4	111.	48.9	1.021	14.0
%RSD	.38135	.17061	.95905	1.2187	.48838
#1	3007.4	64880.	5052.3	82.760	2880.0
#2	2988.4	65093.	5150.1	83.665	2856.9
#3	3008.9	64933.	5103.0	84.797	2882.3

Sample Name: J6503-02DLX10 Acquired: 12/27/2018 15:23:43 Type: Unk
Method: P4-ICP2(v2686) 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	-.00006	.00099	.00307	-.00022	.00142	.21772	-.00041	-.00005
Stddev	.00099	.00055	.00069	.00095	.00033	.00717	.00042	.00003
%RSD	1692.0	56.032	22.526	431.26	23.003	3.2929	102.09	55.351

#1	.00017	.00131	.00228	-.00013	.00180	.22383	.00005	-.00007
#2	-.00114	.00035	.00334	.00068	.00126	.20983	-.00053	-.00002
#3	.00079	.00131	.00359	-.00121	.00121	.21951	-.00077	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.66093	.43879	-.00016	.00021	.00322	.00013	.12671
Stddev	.00006	.01049	.00610	.00016	.00035	.00213	.00002	.04274
%RSD	124.32	1.5870	1.3909	103.10	164.92	66.233	14.089	33.732

#1	.00003	.66940	.44360	-.00000	.00036	.00178	.00013	.08895
#2	.00012	.66419	.43192	-.00014	-.00019	.00221	.00015	.11807
#3	.00000	.64920	.44085	-.00032	.00047	.00566	.00012	.17312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00008	6.2732	.00019	.00109	.28874	.00015	.00130
Stddev	.00036	.00019	.0478	.00020	.00009	.00259	.00007	.00533
%RSD	668.94	242.20	.76272	107.19	8.5503	.89870	46.058	408.99

#1	-.00001	-.00029	6.3220	.00040	.00117	.29079	.00021	-.00485
#2	.00044	.00006	6.2714	.00015	.00099	.28583	.00017	.00435
#3	-.00027	-.00001	6.2263	.00001	.00111	.28961	.00007	.00442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16668	.00778	.00082	-.00178	.00020	.0006	.00186	1.2788
Stddev	.00160	.00163	.00004	.00142	.00062	.0003	.00005	.4904
%RSD	.96009	20.904	5.2461	79.467	314.48	43.45	2.4640	38.350

#1	.16698	.00966	.00083	-.00329	.00079	.0009	.00191	1.8449
#2	.16495	.00694	.00078	-.00158	-.00045	.0003	.00183	.98547
#3	.16811	.00675	.00086	-.00048	.00026	.0006	.00183	1.0059

Sample Name: J6503-02DLX10 Acquired: 12/27/2018 15:23:43 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .52620
 %RSD 95.286

#1 -1.0840
 #2 -.54099
 #3 -.03174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.9	65771.	4698.4	100.57	3942.3
Stddev	14.6	769.	15.5	1.98	16.7
%RSD	.47057	1.1687	.32891	1.9719	.42439

#1	3102.8	64917.	4685.0	100.88	3954.3
#2	3121.8	66408.	4715.3	102.38	3949.3
#3	3093.0	65987.	4694.7	98.448	3923.1

Sample Name: CCV03 Acquired: 12/27/2018 15:27:57 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8855	4.8709	4.7660	4.9199	4.8166	9.4227	9.5989	.24098
Stddev	.0059	.0167	.0089	.0064	.0075	.0559	.1363	.00157
%RSD	.12081	.34261	.18739	.12950	.15579	.59339	1.4196	.65329
#1	4.8909	4.8896	4.7763	4.9249	4.8112	9.4228	9.7556	.24150
#2	4.8864	4.8656	4.7609	4.9221	4.8252	9.4786	9.5331	.24222
#3	4.8792	4.8575	4.7608	4.9128	4.8135	9.3668	9.5081	.23921
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3551	23.880	.99215	2.3939	1.2274	4.9915	2.4230	23.707
Stddev	.0056	.205	.00366	.0042	.0015	.0756	.0087	.191
%RSD	.23636	.85716	.36937	.17456	.12060	1.5150	.35853	.80400
#1	2.3612	23.938	.99489	2.3984	1.2269	4.9248	2.4287	23.489
#2	2.3535	24.049	.98799	2.3931	1.2291	4.9760	2.4274	23.844
#3	2.3505	23.652	.99358	2.3902	1.2263	5.0736	2.4130	23.788
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4181	1.2581	23.411	2.4131	2.4780	24.933	4.9401	4.8296
Stddev	.0062	.0037	.271	.0095	.0149	.290	.0068	.0121
%RSD	.25556	.29294	1.1561	.39350	.60029	1.1640	.13684	.25168
#1	2.4245	1.2615	23.668	2.4202	2.4726	25.188	4.9455	4.8204
#2	2.4177	1.2542	23.436	2.4167	2.4665	24.993	4.9421	4.8433
#3	2.4122	1.2586	23.128	2.4023	2.4948	24.617	4.9325	4.8250
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8468	4.9556	4.7828	4.8903	4.8285	4.860	4.8521	F 3.4899
Stddev	.0113	.0463	.0112	.0200	.0533	.020	.0416	.3147
%RSD	.23203	.93460	.23347	.40833	1.1045	.4197	.85769	9.0188
#1	4.8580	4.9946	4.7956	4.8960	4.8767	4.869	4.8993	3.8494
#2	4.8468	4.9677	4.7778	4.9067	4.8375	4.874	4.8207	3.2638
#3	4.8355	4.9044	4.7751	4.8681	4.7712	4.836	4.8363	3.3566

Sample Name: CCV03 Acquired: 12/27/2018 15:27:57 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0072
Stddev .2174
%RSD 10.831

#1 1.9272
#2 1.8412
#3 2.2533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.0	63648.	4663.9	93.031	3482.1
Stddev	5.2	230.	55.6	.778	12.2
%RSD	.17485	.36090	1.1912	.83606	.35105

#1	2992.4	63462.	4615.5	93.196	3471.0
#2	3001.0	63576.	4651.7	93.713	3495.2
#3	2991.5	63905.	4724.6	92.184	3480.2

Sample Name: CCB03 Acquired: 12/27/2018 15:31:43 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	.00204	F .00315	.00115	-.00036	.00231	-.00088
Stddev	.00042	.00117	.00113	.00167	.00024	.01525	.00042
%RSD	36.175	57.318	35.820	144.93	67.083	660.52	48.096

#1	.00157	.00226	.00434	.00170	-.00019	-.00882	-.00057
#2	.00074	.00078	.00303	.00248	-.00064	-.00394	-.00071
#3	.00113	.00309	.00209	-.00072	-.00025	.01969	-.00136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	.00114	-.00036	.00001	.00056	-.00295
Stddev	.00001	.00003	.01893	.00008	.00018	.00014	.00507
%RSD	92.369	99.754	1656.8	20.880	1729.9	25.105	171.61

#1	-.00001	.00004	-.01970	-.00045	.00022	.00070	.00074
#2	-.00002	-.00000	.01725	-.00033	-.00010	.00042	-.00873
#3	-.00000	.00005	.00588	-.00031	-.00009	.00055	-.00087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.02097	.00037	-.00019	.07037	.00050	.00049
Stddev	.00002	.02603	.00029	.00038	.00736	.00038	.00005
%RSD	35.234	124.14	79.159	199.58	10.466	76.836	10.032

#1	.00007	.05038	.00003	-.00063	.07667	.00006	.00052
#2	.00004	.01159	.00057	-.00001	.07215	.00070	.00051
#3	.00008	.00093	.00051	.00007	.06227	.00074	.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11293	.00002	.00430	-.00417	.00113	.00190	-.00143
Stddev	.00864	.00009	.00495	.00200	.00044	.00051	.00079
%RSD	7.6502	495.43	115.06	48.074	38.855	26.988	55.429

#1	.10477	.00013	-.00128	-.00194	.00132	.00214	-.00099
#2	.11205	-.00004	.00604	-.00582	.00144	.00225	-.00234
#3	.12198	-.00003	.00816	-.00475	.00063	.00131	-.00095

Sample Name: CCB03 Acquired: 12/27/2018 15:31:43 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.0008	.00016	F .74056	F<.00000
Stddev	.00030	.0009	.00008	.22075	.41218
%RSD	480.54	115.2	47.940	29.809	55.179

#1	-.00003	.0001	.00015	.95534	-1.2037
#2	.00040	-.0008	.00025	.75203	-.40271
#3	-.00018	-.0018	.00010	.51429	-.63452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.4	66626.	4671.2	99.167	3997.7
Stddev	12.7	474.	39.9	2.371	13.8
%RSD	.40579	.71080	.85332	2.3913	.34555

#1	3127.2	66122.	4646.6	99.833	3982.4
#2	3141.4	66695.	4717.2	101.13	4001.1
#3	3152.6	67062.	4649.8	96.533	4009.4

Sample Name: J6544-01 Acquired: 12/27/2018 15:35:52 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 23393 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08956	-.03365	.01562	.08783	.05590	.43498	.02134
Stddev	.00664	.00202	.00097	.00294	.00076	.02127	.00109
%RSD	7.4119	6.0086	6.2175	3.3448	1.3538	4.8908	5.1084

#1	-.09682	-.03561	.01504	.09037	.05504	.41290	.02012
#2	-.08379	-.03157	.01674	.08851	.05644	.45534	.02221
#3	-.08807	-.03376	.01508	.08462	.05624	.43669	.02170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00009	3.4415	-.00032	.00290	.22618	.26039
Stddev	.00008	.00005	.0240	.00025	.00010	.00095	.00224
%RSD	5.3194	49.963	.69753	78.559	3.5067	.41863	.86009

#1	.00148	-.00014	3.4617	-.00019	.00296	.22510	.26097
#2	.00161	-.00005	3.4479	-.00016	.00297	.22688	.26228
#3	.00164	-.00008	3.4149	-.00061	.00279	.22655	.25791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17088	.75628	-.00208	-.00034	601.44	.00850	.60883
Stddev	.00099	.01526	.00015	.00040	9.09	.00067	.00047
%RSD	.57888	2.0179	7.0019	119.58	1.5113	7.8890	.07790

#1	.16974	.74924	-.00211	.00013	611.85	.00816	.60928
#2	.17153	.77379	-.00220	-.00059	595.05	.00807	.60833
#3	.17138	.74580	-.00192	-.00056	597.43	.00928	.60887

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	247.71	5.6032	F 27.771	7.4775	5.1622	.07258	.00179
Stddev	1.10	.0320	.111	.0530	.0568	.00107	.00190
%RSD	.44328	.57085	.40059	.70913	1.1011	1.4745	106.04

#1	248.92	5.5703	27.726	7.4172	5.1575	.07332	.00029
#2	246.77	5.6342	27.898	7.4989	5.1079	.07307	.00116
#3	247.43	5.6051	27.690	7.5165	5.2212	.07135	.00393

Sample Name: J6544-01 Acquired: 12/27/2018 15:35:52 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 23393 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01808	F 12.02	.06768	9.9937	F<.00000
Stddev	.00128	.05	.00050	.1127	.30056
%RSD	7.0913	.4241	.73934	1.1279	2.5689
#1	.01673	11.96	.06770	10.032	-11.934
#2	.01929	12.06	.06817	10.082	-11.361
#3	.01823	12.04	.06717	9.8667	-11.805
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.6	50369.	4281.6	88.082	2988.1
Stddev	9.5	120.	35.9	.248	11.1
%RSD	.39163	.23737	.83863	.28203	.37140
#1	2430.8	50506.	4255.4	87.807	2994.0
#2	2418.2	50285.	4322.5	88.291	2975.3
#3	2436.9	50316.	4266.9	88.149	2995.0

Sample Name: J6548-19 Acquired: 12/27/2018 15:39:58 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: G-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00331	.00285	.00258	-.00088	.33856	.05643	-.00003
Stddev	.00017	.00062	.00032	.00192	.00183	.00490	.00094	.00009
%RSD	5.9139	18.707	11.402	74.550	208.67	1.4476	1.6713	315.34

#1	-.00304	-.00296	.00254	.00180	-.00282	.33623	.05706	-.00010
#2	-.00293	-.00295	.00319	.00476	-.00062	.34419	.05534	-.00005
#3	-.00270	-.00402	.00281	.00116	.00081	.33526	.05688	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	23.505	.00157	.00033	.01071	.45785	.08641	.90974
Stddev	.00010	.350	.00031	.00008	.00051	.01054	.00078	.03633
%RSD	138.55	1.4883	19.665	23.039	4.7298	2.3012	.89922	3.9931

#1	-.00006	23.253	.00162	.00042	.01024	.47001	.08551	.89671
#2	-.00017	23.358	.00124	.00027	.01064	.45211	.08681	.88173
#3	.00002	23.904	.00186	.00031	.01125	.45144	.08691	.95079

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00451	-.00033	376.32	.00054	.04890	1.2354	.00029	.06649
Stddev	.00003	.00021	2.11	.00025	.00093	.0567	.00015	.00366
%RSD	.60464	62.103	.56129	47.385	1.9032	4.5898	52.792	5.5027

#1	.00448	-.00021	378.68	.00027	.04932	1.3008	.00014	.06550
#2	.00451	-.00057	374.61	.00078	.04783	1.2027	.00028	.07054
#3	.00453	-.00021	375.67	.00056	.04955	1.2026	.00044	.06342

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46103	1.3421	.00196	-.00115	.00358	.0048	.08741	4.7012
Stddev	.00274	.0228	.00038	.00146	.00069	.0005	.00063	.0651
%RSD	.59340	1.6975	19.256	127.66	19.360	11.23	.71821	1.3845

#1	.45888	1.3358	.00200	-.00069	.00372	.0051	.08757	4.6642
#2	.46009	1.3232	.00157	-.00279	.00420	.0052	.08672	4.7763
#3	.46411	1.3674	.00232	.00003	.00283	.0042	.08795	4.6630

Sample Name: J6548-19 Acquired: 12/27/2018 15:39:58 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: G-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.96681
Stddev	.69342
%RSD	71.722

#1	.88299
#2	1.6983
#3	.31911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.7	59788.	4557.7	95.808	3346.8
Stddev	18.6	255.	74.1	1.761	15.0
%RSD	.65547	.42611	1.6254	1.8383	.44907

#1	2823.5	60076.	4551.6	94.633	3331.0
#2	2844.0	59592.	4634.7	97.833	3348.6
#3	2860.7	59695.	4486.9	94.958	3360.9

Sample Name: J6548-20 Acquired: 12/27/2018 15:47:54 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: G-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00205	.00110	.00441	-.00044	.12443	.04403	-.00008
Stddev	.00068	.00129	.00040	.00144	.00186	.01391	.00145	.00002
%RSD	135.04	62.900	36.036	32.576	422.73	11.176	3.2831	29.843

#1	.00019	-.00098	.00098	.00593	.00054	.10869	.04570	-.00009
#2	-.00116	-.00348	.00155	.00424	-.00259	.12955	.04308	-.00005
#3	-.00053	-.00168	.00078	.00307	.00073	.13504	.04333	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	3.3677	.00096	.00008	.00787	.33943	.03611	.53488
Stddev	.00006	.0194	.00024	.00018	.00023	.00799	.00271	.04479
%RSD	196.29	.57534	24.928	224.17	2.9789	2.3531	7.5091	8.3746

#1	-.00003	3.3882	.00070	.00024	.00804	.34224	.03302	.58658
#2	.00003	3.3654	.00118	.00013	.00760	.34562	.03719	.50764
#3	-.00009	3.3496	.00100	-.00012	.00796	.33041	.03812	.51043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00320	-.00054	352.18	.00016	.03209	1.2385	-.00001	.01605
Stddev	.00013	.00016	2.66	.00018	.00050	.0271	.00008	.01205
%RSD	4.0270	29.277	.75477	109.89	1.5629	2.1892	680.10	75.065

#1	.00333	-.00046	350.23	.00036	.03152	1.2405	-.00005	.02380
#2	.00321	-.00072	355.21	.00010	.03249	1.2646	.00008	.02219
#3	.00307	-.00044	351.10	.00002	.03225	1.2105	-.00007	.00217

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05379	.37636	.00361	-.00071	.00201	.0049	.01698	1.8654
Stddev	.00133	.00325	.00028	.00072	.00071	.0013	.00021	1.7589
%RSD	2.4784	.86378	7.6606	102.18	35.397	25.75	1.2386	94.290

#1	.05526	.37293	.00348	-.00117	.00258	.0059	.01722	-.14776
#2	.05266	.37676	.00343	.00012	.00121	.0035	.01689	2.6394
#3	.05346	.37939	.00393	-.00107	.00225	.0054	.01683	3.1045

Sample Name: J6548-20 Acquired: 12/27/2018 15:47:54 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: G-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.44384
Stddev	.68106
%RSD	153.45

#1	-.23661
#2	.44261
#3	1.1255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.9	64296.	4661.4	96.842	3430.9
Stddev	43.0	3782.	29.6	1.630	53.3
%RSD	1.4813	5.8819	.63394	1.6827	1.5527

#1	2852.7	68636.	4649.1	98.450	3369.6
#2	2920.9	62548.	4640.0	95.192	3457.2
#3	2932.1	61705.	4695.1	96.883	3466.0

Sample Name: J6548-21 Acquired: 12/27/2018 15:52:11 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: G-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00414	-.00246	.00173	.00334	-.00248	.16205	.05181	-.00010
Stddev	.00205	.00119	.00060	.00160	.00062	.00929	.00061	.00010
%RSD	49.582	48.366	34.776	47.918	24.826	5.7346	1.1746	96.905

#1	-.00232	-.00246	.00135	.00258	-.00224	.15178	.05111	-.00009
#2	-.00637	-.00364	.00142	.00519	-.00203	.16988	.05218	-.00020
#3	-.00374	-.00127	.00242	.00226	-.00319	.16448	.05214	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	7.2760	.00053	.00021	.00891	.45173	.05292	.56648
Stddev	.00006	.0224	.00023	.00026	.00034	.00768	.00102	.03314
%RSD	438.44	.30823	43.787	121.84	3.7732	1.6997	1.9182	5.8502

#1	.00005	7.2667	.00059	.00001	.00918	.44529	.05180	.58342
#2	-.00006	7.3016	.00073	.00012	.00853	.44966	.05377	.52829
#3	-.00002	7.2597	.00027	.00051	.00902	.46023	.05320	.58772

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	-.00036	391.49	.00038	.04551	.76420	.00003	.03020
Stddev	.00033	.00025	2.86	.00050	.00065	.01317	.00011	.00932
%RSD	7.8485	68.251	.73029	129.09	1.4195	1.7235	329.00	30.879

#1	.00385	-.00056	394.57	.00073	.04476	.74920	.00003	.03207
#2	.00413	-.00044	388.92	.00061	.04588	.76955	.00014	.03844
#3	.00451	-.00008	390.98	-.00018	.04588	.77386	-.00007	.02007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05905	.45275	.00167	.00008	.00335	.0070	.02190	2.5026
Stddev	.00170	.00437	.00063	.00191	.00059	.0007	.00009	.7576
%RSD	2.8812	.96563	37.948	2305.8	17.722	10.50	.43052	30.274

#1	.06060	.45701	.00239	.00096	.00383	.0065	.02180	1.6341
#2	.05723	.45295	.00118	-.00211	.00354	.0078	.02197	2.8462
#3	.05932	.44828	.00145	.00140	.00268	.0065	.02194	3.0276

Sample Name: J6548-21 Acquired: 12/27/2018 15:52:11 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: G-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.54010
Stddev	.71784
%RSD	132.91

#1	1.3520
#2	.27885
#3	-.01053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.0	62728.	4666.7	96.478	3440.9
Stddev	14.5	952.	31.2	1.612	18.2
%RSD	.49439	1.5175	.66926	1.6705	.52982

#1	2913.9	63820.	4630.9	98.325	3434.3
#2	2942.6	62073.	4681.0	95.358	3461.5
#3	2924.6	62291.	4688.3	95.750	3426.8

Sample Name: J6533-08 Acquired: 12/27/2018 15:56:26 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00135	.00070	.00213	-.00165	.00379	.11300	-.00005
Stddev	.00101	.00051	.00026	.00038	.00167	.01039	.00192	.00004
%RSD	211.39	37.718	37.093	17.749	101.10	274.43	1.6968	72.829

#1	-.00118	-.00103	.00099	.00170	-.00073	-.00127	.11520	-.00007
#2	-.00094	-.00194	.00065	.00226	-.00359	.01574	.11163	-.00001
#3	.00068	-.00109	.00048	.00242	-.00065	-.00311	.11218	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	8.2476	.00025	-.00018	.00026	.04745	.03660	1.5490
Stddev	.00002	.1220	.00025	.00008	.00022	.00461	.00023	.0406
%RSD	184.74	1.4789	102.41	44.747	83.102	9.7138	.63718	2.6196

#1	-.00003	8.3816	.00053	-.00027	.00008	.04907	.03659	1.5930
#2	.00001	8.2178	.00018	-.00012	.00021	.05104	.03637	1.5410
#3	-.00001	8.1432	.00004	-.00014	.00051	.04225	.03684	1.5130

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00063	59.656	.00056	.05112	.64335	.00002	.02881
Stddev	.00021	.00042	1.055	.00049	.00063	.01948	.00008	.00215
%RSD	151.35	66.825	1.7690	88.051	1.2414	3.0282	472.76	7.4721

#1	.00008	-.00080	60.866	.00042	.05132	.66398	-.00005	.02697
#2	.00037	-.00015	58.928	.00110	.05164	.62527	.00011	.03118
#3	-.00004	-.00093	59.172	.00015	.05042	.64080	-.00001	.02828

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17627	.19138	.00026	-.00157	.00138	.0013	.04390	.47575
Stddev	.00189	.00463	.00011	.00096	.00128	.0005	.00081	.19331
%RSD	1.0739	2.4188	41.255	61.521	93.014	38.96	1.8408	40.633

#1	.17649	.19649	.00015	-.00097	.00196	.0010	.04484	.63217
#2	.17805	.18747	.00036	-.00268	.00227	.0009	.04345	.53546
#3	.17428	.19018	.00028	-.00105	-.00009	.0018	.04343	.25963

Sample Name: J6533-08 Acquired: 12/27/2018 15:56:26 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .19143
Stddev .31397
%RSD 164.01

#1 .45670
#2 .27282
#3 -.15522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.8	66239.	4745.1	100.98	3766.4
Stddev	8.1	293.	61.1	1.28	8.4
%RSD	.26213	.44300	1.2869	1.2723	.22203

#1	3089.2	66230.	4676.7	100.39	3775.6
#2	3073.7	66536.	4794.1	100.09	3764.2
#3	3085.5	65949.	4764.7	102.45	3759.3

Sample Name: J6533-08DUP Acquired: 12/27/2018 16:00:33 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1DUP 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	-.00148	-.00029	.00437	-.00144	.00932	.11111	-.00006
Stddev	.00049	.00105	.00063	.00060	.00113	.00329	.00089	.00001
%RSD	106.18	70.684	218.41	13.769	78.671	35.318	.79919	18.012

#1	-.00000	-.00211	-.00047	.00474	-.00090	.00630	.11040	-.00007
#2	-.00041	-.00205	.00041	.00469	-.00274	.00883	.11083	-.00006
#3	-.00097	-.00027	-.00081	.00367	-.00067	.01283	.11210	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	8.1580	.00004	-.00013	-.00001	.05302	.03665	1.5206
Stddev	.00006	.0448	.00020	.00018	.00011	.00273	.00013	.0071
%RSD	193.62	.54934	525.27	142.64	1028.7	5.1491	.34370	.46676

#1	-.00006	8.1553	-.00011	.00004	-.00013	.05035	.03663	1.5184
#2	.00004	8.2041	.00026	-.00032	.00002	.05289	.03679	1.5285
#3	-.00008	8.1146	-.00004	-.00010	.00009	.05581	.03654	1.5149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00029	59.355	.00047	.05012	.65102	.00010	.02317
Stddev	.00019	.00029	.478	.00026	.00052	.03210	.00031	.00453
%RSD	338.57	100.68	.80607	55.276	1.0312	4.9313	300.41	19.559

#1	-.00014	-.00044	59.587	.00071	.05025	.61489	-.00005	.02815
#2	.00006	-.00049	58.805	.00052	.04955	.67626	.00046	.02208
#3	.00024	.00005	59.672	.00019	.05055	.66191	-.00010	.01929

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17846	.19160	.00013	-.00167	-.00043	.0010	.04342	.16539
Stddev	.00227	.00189	.00023	.00143	.00115	.0010	.00026	.32964
%RSD	1.2703	.98751	182.61	85.420	266.86	104.6	.59816	199.31

#1	.18098	.19357	.00039	-.00329	.00090	.0020	.04355	.27732
#2	.17658	.19145	-.00007	-.00059	-.00114	-.0001	.04312	-.20565
#3	.17783	.18980	.00006	-.00113	-.00105	.0011	.04359	.42449

Sample Name: J6533-08DUP Acquired: 12/27/2018 16:00:33 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.53993
%RSD	182.84

#1	-.36020
#2	-.79985
#3	.27414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.4	66285.	4784.5	102.58	3766.4
Stddev	19.0	49.	37.6	1.11	26.3
%RSD	.61581	.07395	.78606	1.0774	.69868

#1	3065.6	66247.	4768.0	101.90	3736.4
#2	3071.5	66267.	4827.5	103.85	3777.5
#3	3101.0	66340.	4757.9	101.97	3785.4

Sample Name: J6533-08LX5 Acquired: 12/27/2018 16:04:39 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00023	.00030	.00097	-.00221	.02222	.02154	.00001
Stddev	.00202	.00073	.00042	.00157	.00098	.01068	.00065	.00003
%RSD	650.10	312.71	137.17	162.18	44.212	48.059	3.0263	553.17

#1	-.00140	-.00038	.00018	-.00084	-.00289	.03450	.02124	.00002
#2	.00254	.00103	-.00004	.00187	-.00266	.01705	.02229	.00002
#3	-.00021	.00004	.00077	.00188	-.00109	.01511	.02109	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	1.8969	-.00018	-.00016	.00038	.01377	.00845	.34873
Stddev	.00004	.0148	.00025	.00013	.00012	.00248	.00008	.02501
%RSD	1887.2	.78096	136.84	78.481	31.920	18.008	.99667	7.1708

#1	.00003	1.8998	.00005	-.00018	.00030	.01661	.00836	.36288
#2	.00002	1.9102	-.00045	-.00003	.00033	.01209	.00847	.36345
#3	-.00004	1.8809	-.00014	-.00028	.00052	.01260	.00853	.31985

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00023	12.131	.00032	.01078	.26467	-.00006	.00566
Stddev	.00013	.00044	.032	.00032	.00011	.00955	.00027	.00464
%RSD	42.582	197.03	.26373	99.984	1.0659	3.6095	457.83	81.930

#1	.00024	-.00000	12.164	.00058	.01066	.27212	-.00016	.00833
#2	.00044	.00006	12.100	-.00004	.01079	.25390	-.00026	.00031
#3	.00021	-.00074	12.129	.00043	.01089	.26800	.00025	.00836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04825	.05132	-.00012	-.00122	.00000	.0033	.00931	<.00000
Stddev	.00284	.00054	.00056	.00099	.00077	.0006	.00003	.38493
%RSD	5.8806	1.0463	457.65	80.752	32770.	19.71	.36741	56.056

#1	.04913	.05166	.00030	-.00132	.00052	.0028	.00931	-1.1216
#2	.04508	.05159	-.00075	-.00216	.00037	.0040	.00935	-.54851
#3	.05055	.05070	.00009	-.00019	-.00089	.0031	.00928	-.38992

Sample Name: J6533-08LX5 Acquired: 12/27/2018 16:04:39 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.21164
Stddev	.58469
%RSD	276.26

#1	.81105
#2	.18103
#3	-.35714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.3	68015.	4802.7	105.49	3993.6
Stddev	12.4	611.	17.8	.91	9.3
%RSD	.38914	.89873	.37050	.86729	.23190

#1	3164.7	68660.	4793.6	105.89	3984.2
#2	3177.9	67941.	4823.2	106.13	3994.0
#3	3189.4	67444.	4791.2	104.44	4002.7

Sample Name: J6533-08MS Acquired: 12/27/2018 16:08:47 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76827	1.8831	.91998	1.8963	.76652	1.9190	.31287
Stddev	.00233	.0034	.00143	.0018	.00253	.0248	.00317
%RSD	.30300	.17799	.15507	.09617	.33051	1.2899	1.0135
#1	.77022	1.8836	.92145	1.8944	.76881	1.8932	.31652
#2	.76889	1.8862	.91860	1.8965	.76696	1.9426	.31075
#3	.76569	1.8795	.91990	1.8980	.76380	1.9212	.31134
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18709	.18213	9.0386	.41337	.19423	.30628	3.0359
Stddev	.00070	.00018	.0491	.00141	.00048	.00029	.0147
%RSD	.37657	.09846	.54346	.34200	.24769	.09419	.48461
#1	.18638	.18215	9.0913	.41187	.19438	.30661	3.0470
#2	.18710	.18195	8.9942	.41468	.19369	.30611	3.0414
#3	.18779	.18230	9.0301	.41354	.19461	.30611	3.0192
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23737	3.4825	.48893	.07136	60.485	.30621	.24106
Stddev	.00029	.0334	.00271	.00023	.520	.00119	.00199
%RSD	.12280	.95842	.55522	.32534	.85993	.38886	.82647
#1	.23743	3.4512	.49139	.07145	61.081	.30509	.24321
#2	.23705	3.4786	.48602	.07109	60.247	.30609	.24069
#3	.23762	3.5176	.48938	.07153	60.127	.30746	.23928
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.078	.40849	.30210	.16385	1.0962	.64251	.19867
Stddev	.028	.00068	.00553	.00283	.0103	.00016	.00200
%RSD	.25039	.16718	1.8315	1.7278	.94309	.02516	1.0076
#1	11.047	.40924	.30268	.16686	1.1081	.64258	.19948
#2	11.087	.40791	.29630	.16124	1.0903	.64264	.19639
#3	11.101	.40831	.30732	.16345	1.0902	.64233	.20014

Sample Name: J6533-08MS Acquired: 12/27/2018 16:08:47 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20349	5.321	.23569	.98217	F<.00000
Stddev	.00095	.010	.00186	.39812	.31537
%RSD	.46712	.1930	.79074	40.535	6.5512
#1	.20239	5.332	.23783	1.3446	-4.8714
#2	.20394	5.318	.23450	1.0458	-4.4739
#3	.20413	5.312	.23472	.55606	-5.0967
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.0	65751.	4687.0	100.42	3724.6
Stddev	22.1	231.	50.0	1.41	28.2
%RSD	.72084	.35161	1.0666	1.4086	.75713
#1	3042.9	65508.	4629.3	98.899	3694.7
#2	3065.1	65778.	4715.1	100.65	3728.2
#3	3087.1	65968.	4716.6	101.70	3750.8

Sample Name: J6533-08MSD Acquired: 12/27/2018 16:12:30 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76804	1.8913	.91884	1.8874	.76520	1.9150	.31346
Stddev	.00096	.0035	.00322	.0159	.00062	.0158	.00228
%RSD	.12477	.18299	.35096	.84146	.08156	.82612	.72737

#1	.76854	1.8931	.92091	1.8868	.76469	1.9228	.31592
#2	.76693	1.8873	.91513	1.8718	.76590	1.9254	.31305
#3	.76865	1.8935	.92050	1.9036	.76502	1.8968	.31141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18694	.18181	9.0256	.41449	.19428	.30675	3.0602
Stddev	.00060	.00085	.0715	.00272	.00032	.00066	.1341
%RSD	.32061	.46745	.79204	.65735	.16452	.21366	4.3814

#1	.18698	.18199	9.0853	.41590	.19418	.30633	3.0568
#2	.18752	.18089	9.0451	.41621	.19403	.30751	3.1959
#3	.18632	.18256	8.9464	.41134	.19464	.30642	2.9278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23724	3.5396	.48859	.07079	60.845	.30513	.24389
Stddev	.00031	.0071	.00098	.00033	.316	.00157	.00847
%RSD	.13232	.20013	.20068	.46790	.51982	.51492	3.4743

#1	.23737	3.5371	.48840	.07117	61.210	.30612	.24287
#2	.23747	3.5476	.48772	.07059	60.670	.30595	.25283
#3	.23688	3.5341	.48965	.07061	60.654	.30332	.23597

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.091	.40821	.31121	.16489	1.1182	.64381	.19765
Stddev	.099	.00085	.00291	.00276	.0179	.00198	.00260
%RSD	.89279	.20744	.93569	1.6743	1.5971	.30715	1.3180

#1	11.198	.40825	.31438	.16516	1.1326	.64330	.19989
#2	11.071	.40734	.30865	.16201	1.1239	.64213	.19479
#3	11.003	.40904	.31059	.16751	1.0982	.64599	.19826

Sample Name: J6533-08MSD Acquired: 12/27/2018 16:12:30 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20590	5.331	.23596	.64672	F<.00000
Stddev	.00085	.008	.00171	.15572	.34782
%RSD	.41248	.1502	.72321	24.078	8.2041

#1	.20494	5.335	.23788	.64665	-4.4385
#2	.20623	5.322	.23537	.80247	-3.8380
#3	.20655	5.337	.23462	.49104	-4.4423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3068.7	66080.	4670.8	99.246	3724.5
Stddev	7.2	213.	36.4	3.419	14.0
%RSD	.23552	.32158	.77861	3.4454	.37507

#1	3061.3	65898.	4629.1	99.068	3708.7
#2	3075.7	66029.	4696.1	95.918	3735.0
#3	3069.1	66314.	4687.2	102.75	3729.9

Sample Name: J6533-08A Acquired: 12/27/2018 16:16:15 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76952	1.8825	.92091	1.8925	.76335	1.8951	.31090
Stddev	.00170	.0121	.00307	.0032	.00324	.0172	.00055
%RSD	.22051	.64355	.33320	.16763	.42484	.90754	.17564

#1	.77002	1.8887	.92107	1.8950	.76064	1.8754	.31074
#2	.77090	1.8903	.92390	1.8890	.76694	1.9027	.31151
#3	.76762	1.8686	.91777	1.8936	.76246	1.9072	.31045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18531	.18170	9.0327	.41329	.19371	.30692	3.0664
Stddev	.00063	.00053	.0331	.00237	.00052	.00074	.0385
%RSD	.34248	.29283	.36597	.57267	.27017	.24263	1.2558

#1	.18572	.18201	9.0108	.41589	.19412	.30773	3.0753
#2	.18563	.18201	9.0166	.41269	.19388	.30674	3.0243
#3	.18458	.18108	9.0707	.41127	.19312	.30628	3.0998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23616	3.4806	.48860	.07079	60.468	.30560	.24417
Stddev	.00105	.0410	.00146	.00069	.158	.00011	.00392
%RSD	.44286	1.1786	.29812	.97370	.26078	.03556	1.6048

#1	.23712	3.4749	.48925	.07159	60.423	.30572	.24764
#2	.23632	3.4427	.48962	.07036	60.643	.30551	.23992
#3	.23505	3.5242	.48693	.07042	60.337	.30556	.24495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.000	.40888	.30983	.16436	1.0978	.64343	.19571
Stddev	.029	.00027	.00253	.00091	.0061	.00262	.00196
%RSD	.26354	.06642	.81767	.55633	.55463	.40757	1.0040

#1	10.974	.40918	.30968	.16512	1.1009	.64594	.19636
#2	10.994	.40867	.31244	.16335	1.1017	.64364	.19350
#3	11.031	.40878	.30738	.16461	1.0908	.64071	.19727

Sample Name: J6533-08A Acquired: 12/27/2018 16:16:15 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20385	5.309	.23522	.89293	F<.00000
Stddev	.00151	.020	.00055	.27570	.20862
%RSD	.74160	.3771	.23546	30.876	4.3371
#1	.20308	5.322	.23571	1.1658	-4.6691
#2	.20287	5.319	.23531	.89848	-4.7114
#3	.20559	5.286	.23462	.61450	-5.0497
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.3	66101.	4679.1	99.069	3734.0
Stddev	20.6	289.	22.7	1.919	32.6
%RSD	.67174	.43790	.48588	1.9373	.87375
#1	3048.7	65827.	4654.4	97.036	3705.0
#2	3069.2	66073.	4683.7	100.85	3727.7
#3	3089.9	66404.	4699.2	99.322	3769.3

Sample Name: CCV04 Acquired: 12/27/2018 16:19:59 Type: Unk
Method: P4-ICP2(v2686) 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	4.8106	4.7985	4.6930	4.8293	4.7121	9.1540	9.5206	.23357
Stddev	.0474	.0360	.0489	.0478	.0480	.0391	.1251	.00125
%RSD	.98539	.75076	1.0413	.98883	1.0196	.42655	1.3141	.53358
#1	4.7745	4.7741	4.6670	4.7930	4.6795	9.1707	9.6611	.23430
#2	4.8643	4.8398	4.7494	4.8834	4.7673	9.1820	9.4211	.23428
#3	4.7930	4.7814	4.6627	4.8114	4.6895	9.1094	9.4797	.23213
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3132	23.595	.96408	2.3599	1.2079	4.8330	2.3534	23.718
Stddev	.0262	.128	.00668	.0271	.0136	.0265	.0136	.175
%RSD	1.1326	.54296	.69291	1.1497	1.1238	.54722	.57930	.73741
#1	2.2946	23.742	.97001	2.3438	1.1990	4.8509	2.3656	23.876
#2	2.3432	23.542	.96538	2.3912	1.2235	4.8455	2.3558	23.530
#3	2.3019	23.503	.95684	2.3446	1.2012	4.8026	2.3387	23.747
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3930	1.2192	23.152	2.3512	2.4028	24.743	4.8719	4.8004
Stddev	.0243	.0071	.274	.0153	.0245	.319	.0515	.0384
%RSD	1.0134	.58124	1.1833	.65242	1.0191	1.2891	1.0567	.80106
#1	2.3794	1.2253	23.460	2.3647	2.4271	25.100	4.8398	4.8199
#2	2.4210	1.2208	22.935	2.3543	2.4034	24.486	4.9313	4.7561
#3	2.3786	1.2114	23.061	2.3345	2.3781	24.644	4.8446	4.8251
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7759	4.9036	4.7123	4.8256	4.7806	4.809	4.7166	F 1.2753
Stddev	.0519	.0581	.0494	.0269	.0528	.054	.0440	.1170
%RSD	1.0873	1.1857	1.0492	.55704	1.1036	1.117	.93361	9.1747
#1	4.7429	4.9691	4.6752	4.8501	4.8411	4.771	4.7671	1.3778
#2	4.8357	4.8580	4.7685	4.7969	4.7441	4.870	4.6965	1.3003
#3	4.7490	4.8838	4.6933	4.8299	4.7566	4.785	4.6862	1.1478

Sample Name: CCV04 Acquired: 12/27/2018 16:19:59 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0711
Stddev	.3030
%RSD	14.631

#1	1.9061
#2	2.4208
#3	1.8864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.8	66607.	4792.6	97.476	3594.2
Stddev	29.0	400.	56.0	1.107	36.5
%RSD	.93468	.60012	1.1677	1.1356	1.0164

#1	3116.3	66295.	4728.1	96.360	3610.5
#2	3067.4	66469.	4826.8	97.494	3552.4
#3	3118.8	67058.	4823.1	98.574	3619.7

Sample Name: CCB04 Acquired: 12/27/2018 16:23:45 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7842 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	.00208	.00167	.00227	-.00048	-.00913	-.00132
Stddev	.00062	.00025	.00043	.00145	.00105	.00994	.00077
%RSD	108.50	12.033	25.672	63.587	220.72	108.95	58.151

#1	-.00105	.00202	.00198	.00119	.00053	-.01943	-.00199
#2	-.00078	.00235	.00183	.00172	-.00156	-.00836	-.00149
#3	.00013	.00186	.00118	.00391	-.00039	.00041	-.00048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00004	.00691	-.00033	-.00017	-.00018	.00160
Stddev	.00005	.00004	.01143	.00004	.00020	.00019	.00051
%RSD	88.424	109.28	165.33	11.282	117.86	104.37	31.933

#1	-.00009	.00007	.00029	-.00037	-.00033	-.00040	.00173
#2	.00000	-.00001	.00034	-.00029	-.00023	-.00008	.00103
#3	-.00008	.00005	.02011	-.00032	.00005	-.00006	.00203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.04559	.00037	-.00010	.10088	.00058	.00039
Stddev	.00006	.00883	.00014	.00007	.01233	.00012	.00016
%RSD	242.99	19.377	38.386	76.336	12.225	19.970	40.903

#1	.00006	.03539	.00027	-.00005	.08676	.00045	.00046
#2	.00005	.05056	.00031	-.00006	.10632	.00067	.00021
#3	-.00004	.05081	.00053	-.00018	.10955	.00063	.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12374	.00022	.00812	-.00458	.00241	.00186	-.00141
Stddev	.02165	.00015	.00235	.00079	.00196	.00048	.00045
%RSD	17.494	69.151	28.996	17.258	81.388	25.518	32.058

#1	.14701	.00037	.00553	-.00408	.00419	.00137	-.00190
#2	.10420	.00024	.01014	-.00417	.00031	.00191	-.00132
#3	.12001	.00006	.00868	-.00549	.00274	.00232	-.00101

Sample Name: CCB04 Acquired: 12/27/2018 16:23:45 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7842 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.0014	.00018	F<.00000	F<.00000
Stddev	.00148	.0006	.00001	.29789	.26683
%RSD	204.74	44.73	4.9861	22.835	324.00
#1	.00051	-.0007	.00018	-1.5088	-.20051
#2	-.00064	-.0017	.00017	-1.4421	.22315
#3	.00230	-.0017	.00019	-.96275	-.26971
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.9	69310.	4845.2	101.92	4070.2
Stddev	15.8	14.	16.1	1.51	20.4
%RSD	.48979	.02065	.33195	1.4854	.50236
#1	3209.4	69294.	4826.8	100.56	4046.6
#2	3231.0	69321.	4856.4	103.55	4081.5
#3	3240.3	69315.	4852.4	101.65	4082.6

Sample Name: J6533-11 Acquired: 12/27/2018 16:27:53 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00154	.00088	.00275	-.00067	-.00354	.18578	-.00011
Stddev	.00221	.00025	.00050	.00127	.00079	.00929	.00071	.00007
%RSD	272.71	16.217	56.619	46.211	118.78	262.18	.38439	59.803
#1	.00171	-.00127	.00099	.00128	-.00010	.00611	.18495	-.00019
#2	-.00238	-.00159	.00131	.00349	-.00158	-.00433	.18614	-.00009
#3	-.00176	-.00176	.00034	.00349	-.00034	-.01241	.18624	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	8.3129	.00057	-.00017	.00049	-.00118	.03093	1.4953
Stddev	.00006	.0838	.00032	.00018	.00009	.00308	.00073	.0295
%RSD	336.37	1.0075	55.793	108.51	19.012	260.54	2.3593	1.9724
#1	.00005	8.2431	.00072	-.00011	.00042	-.00468	.03009	1.5250
#2	-.00005	8.4058	.00021	-.00038	.00045	.00000	.03140	1.4660
#3	.00006	8.2899	.00080	-.00003	.00059	.00113	.03129	1.4950
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00025	56.145	.00056	.02956	.52825	.00014	.02780
Stddev	.00017	.00015	.296	.00026	.00020	.02114	.00015	.00726
%RSD	185.17	60.895	.52727	46.597	.68201	4.0018	101.30	26.117
#1	-.00011	-.00021	55.809	.00068	.02934	.51087	.00025	.03427
#2	.00020	-.00042	56.368	.00074	.02962	.52209	-.00002	.01995
#3	.00019	-.00012	56.259	.00026	.02972	.55178	.00021	.02919
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25946	.23874	.00086	-.00231	.00088	-.0012	.04382	.34834
Stddev	.00293	.00210	.00047	.00150	.00024	.0012	.00014	.89253
%RSD	1.1301	.88089	54.867	64.872	27.111	106.1	.31125	256.22
#1	.25726	.24066	.00141	-.00113	.00076	-.0023	.04367	-.68220
#2	.25833	.23909	.00058	-.00399	.00115	.0002	.04386	.85407
#3	.26278	.23649	.00060	-.00180	.00072	-.0014	.04394	.87315

Sample Name: J6533-11 Acquired: 12/27/2018 16:27:53 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .58709
%RSD 215.23

#1 .36627
#2 -.39637
#3 -.78824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.2	66601.	4695.0	100.31	3741.5
Stddev	4.7	1353.	23.3	.69	4.3
%RSD	.15374	2.0308	.49678	.68367	.11606

#1	3054.5	68156.	4682.0	100.56	3742.7
#2	3063.9	65699.	4681.1	99.536	3745.2
#3	3059.2	65947.	4722.0	100.84	3736.8

Sample Name: J6533-14 Acquired: 12/27/2018 16:31:58 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00070	.00020	.00368	-.00147	-.00710	.13391	-.00011
Stddev	.00216	.00047	.00038	.00068	.00028	.01353	.00052	.00002
%RSD	452.53	67.752	189.71	18.583	18.757	190.55	.38600	20.284

#1	.00152	-.00034	.00008	.00291	-.00147	-.01925	.13446	-.00008
#2	-.00018	-.00123	-.00010	.00423	-.00119	-.00953	.13343	-.00011
#3	-.00276	-.00052	.00062	.00390	-.00175	.00748	.13385	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	6.2830	.00009	-.00019	.00009	.82214	.13579	.64962
Stddev	.00007	.0562	.00023	.00011	.00013	.02984	.00249	.03241
%RSD	382.48	.89457	256.55	57.983	146.49	3.6297	1.8313	4.9888

#1	-.00005	6.3447	-.00014	-.00031	-.00005	.80910	.13724	.66558
#2	.00006	6.2347	.00031	-.00012	.00022	.85628	.13721	.67096
#3	-.00007	6.2696	.00010	-.00013	.00011	.80103	.13292	.61233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00037	20.211	.00038	.09001	1.0310	.00001	.03494
Stddev	.00031	.00036	.090	.00008	.00302	.0173	.00013	.00363
%RSD	30.671	98.992	.44356	21.823	3.3553	1.6819	1545.5	10.378

#1	.00084	-.00051	20.178	.00032	.08937	1.0442	-.00013	.03227
#2	.00082	.00005	20.144	.00047	.09330	1.0114	.00004	.03349
#3	.00137	-.00063	20.313	.00035	.08736	1.0375	.00011	.03907

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88466	.08946	.00055	-.00103	.00096	.0023	.05203	<.00000
Stddev	.00332	.00122	.00035	.00017	.00178	.0005	.00034	.33603
%RSD	.37475	1.3600	63.876	16.624	186.52	22.79	.65309	42.590

#1	.88848	.09011	.00093	-.00116	.00125	.0030	.05222	-.52618
#2	.88295	.09021	.00023	-.00084	.00257	.0020	.05163	-.67317
#3	.88254	.08805	.00050	-.00110	-.00096	.0021	.05223	-1.1676

Sample Name: J6533-14 Acquired: 12/27/2018 16:31:58 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .42226
%RSD 218.56

#1 .18345
#2 -.64968
#3 -.11339

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.0	67776.	4684.4	100.82	3913.7
Stddev	6.0	1061.	13.2	3.02	4.1
%RSD	.19094	1.5657	.28118	2.9966	.10451

#1	3120.5	67095.	4690.1	101.53	3915.5
#2	3118.8	67233.	4669.3	97.502	3909.0
#3	3129.8	68998.	4693.7	103.42	3916.5

Sample Name: J6533-17 Acquired: 12/27/2018 16:36:03 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01047	-.00029	-.02384	.01666	.00059	-.00075	.09887
Stddev	.00192	.00079	.00046	.00110	.00053	.00941	.00074
%RSD	18.379	270.12	1.9442	6.6300	89.969	1251.2	.74491

#1	-.01102	.00049	-.02337	.01570	.00120	.00398	.09923
#2	-.00833	-.00027	-.02430	.01787	.00034	.00536	.09935
#3	-.01206	-.00109	-.02384	.01641	.00023	-.01159	.09802

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00130	24.997	-.00675	-.00022	.01049	144.36
Stddev	.00006	.00033	.219	.00010	.00025	.00143	1.94
%RSD	28.716	25.539	.87414	1.4829	117.03	13.588	1.3468

#1	.00026	-.00123	24.901	-.00663	.00007	.01094	142.62
#2	.00026	-.00166	25.247	-.00679	-.00041	.00890	146.46
#3	.00015	-.00101	24.844	-.00682	-.00031	.01165	144.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3610	5.8646	-.00259	.00749	116.54	.00154	.33160
Stddev	.0079	.0752	.00015	.00017	1.71	.00019	.00274
%RSD	.58007	1.2824	5.8707	2.3150	1.4688	12.313	.82689

#1	1.3698	5.7807	-.00243	.00732	117.14	.00136	.32886
#2	1.3587	5.9259	-.00262	.00767	117.88	.00153	.33435
#3	1.3546	5.8873	-.00273	.00748	114.61	.00174	.33158

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6202	-.00130	.01367	3.4805	.18558	.00053	-.00292
Stddev	.0081	.00013	.01142	.0498	.00223	.00101	.00071
%RSD	.50097	10.118	83.522	1.4322	1.2002	190.68	24.187

#1	1.6118	-.00118	.00176	3.4538	.18441	.00036	-.00294
#2	1.6209	-.00144	.01472	3.4497	.18815	.00161	-.00361
#3	1.6279	-.00128	.02452	3.5380	.18417	-.00039	-.00220

Sample Name: J6533-17 Acquired: 12/27/2018 16:36:03 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.0690	-.02937	1.9845	F<.00000
Stddev	.00215	.0003	.00151	.6425	.66429
%RSD	256.34	.4850	5.1293	32.377	1.0125

#1	.00008	.0687	-.02763	2.6797	-66.026
#2	-.00083	.0693	-.03012	1.8616	-64.842
#3	.00326	.0691	-.03035	1.4124	-65.957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.3	63885.	4748.6	97.181	3564.8
Stddev	19.9	611.	76.9	.980	32.6
%RSD	.66164	.95623	1.6204	1.0079	.91466

#1	3005.8	63184.	4709.3	97.890	3579.9
#2	3018.5	64166.	4699.2	96.064	3587.0
#3	2979.5	64304.	4837.3	97.591	3527.3

Sample Name: J6533-20 Acquired: 12/27/2018 16:40:04 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00426	-.00076	-.01044	.00728	-.00090	.00984	.14859
Stddev	.00106	.00092	.00048	.00200	.00110	.01345	.00080
%RSD	24.936	120.82	4.5662	27.490	121.71	136.60	.53632

#1	-.00548	-.00077	-.01096	.00959	-.00217	.00682	.14880
#2	-.00380	.00016	-.01002	.00597	-.00024	.02454	.14926
#3	-.00351	-.00167	-.01034	.00629	-.00029	-.00183	.14771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00064	23.080	-.00284	-.00018	.00484	61.205
Stddev	.00002	.00014	.043	.00033	.00013	.00034	.587
%RSD	150.98	22.282	.18527	11.561	74.508	7.0730	.95841

#1	-.00003	-.00050	23.054	-.00255	-.00010	.00491	60.555
#2	.00001	-.00078	23.056	-.00276	-.00010	.00513	61.695
#3	-.00001	-.00063	23.129	-.00319	-.00033	.00446	61.365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80765	4.5358	-.00089	.00272	77.993	.00058	.24758
Stddev	.00169	.0288	.00019	.00026	.587	.00032	.00164
%RSD	.20911	.63547	21.718	9.5374	.75295	56.305	.66134

#1	.80593	4.5125	-.00110	.00270	78.280	.00021	.24617
#2	.80930	4.5268	-.00073	.00298	78.382	.00069	.24937
#3	.80771	4.5680	-.00083	.00247	77.318	.00083	.24720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3294	-.00079	.02204	1.8573	.20060	-.00006	-.00199
Stddev	.0055	.00011	.00065	.0155	.00393	.00052	.00124
%RSD	.41255	14.234	2.9405	.83355	1.9611	895.26	62.296

#1	1.3242	-.00070	.02250	1.8749	.20053	-.00017	-.00305
#2	1.3289	-.00074	.02130	1.8513	.20456	-.00052	-.00063
#3	1.3351	-.00091	.02232	1.8457	.19670	.00051	-.00229

Sample Name: J6533-20 Acquired: 12/27/2018 16:40:04 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00247	.0310	.06405	1.2200	F<.00000
Stddev	.00200	.0003	.00065	.4040	.62570
%RSD	80.824	.8321	1.0110	33.115	7.1574

#1	.00316	.0312	.06480	.79096	-8.0199
#2	.00022	.0308	.06364	1.2758	-9.1227
#3	.00403	.0308	.06372	1.5931	-9.0835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.2	65297.	4720.6	100.01	3699.2
Stddev	8.8	129.	56.9	.79	18.9
%RSD	.28845	.19771	1.2054	.79436	.51067

#1	3038.1	65180.	4694.0	100.64	3677.6
#2	3052.2	65435.	4681.9	99.122	3707.3
#3	3054.2	65276.	4786.0	100.28	3712.6

Sample Name: J6548-01 Acquired: 12/27/2018 16:44:08 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	-.00139	.02102	.00306	-.00012	.10592	.20903	.00007
Stddev	.00030	.00062	.00016	.00146	.00194	.00791	.00159	.00010
%RSD	8.6492	44.417	.75175	47.684	1620.0	7.4694	.76233	136.94

#1	-.00369	-.00085	.02107	.00374	-.00059	.10445	.20795	.00005
#2	-.00311	-.00125	.02115	.00407	-.00178	.11446	.21086	-.00002
#3	-.00353	-.00206	.02084	.00139	.00201	.09885	.20827	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	7.4009	.00126	.00282	.01837	.09565	.08474	.46416
Stddev	.00009	.0301	.00029	.00022	.00017	.00142	.00005	.02386
%RSD	1.7642	.40690	23.055	7.8119	.90395	1.4827	.05871	5.1396

#1	.00519	7.3663	.00159	.00267	.01822	.09431	.08473	.43698
#2	.00521	7.4156	.00103	.00272	.01855	.09713	.08469	.47387
#3	.00536	7.4209	.00117	.00307	.01834	.09550	.08479	.48163

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.00010	322.35	.00045	1.7957	.69085	-.00026	.02891
Stddev	.00036	.00030	2.42	.00024	.0398	.01793	.00015	.00763
%RSD	8.1049	296.50	.75025	53.176	2.2167	2.5947	59.388	26.390

#1	.00421	.00004	323.54	.00018	1.8016	.68018	-.00043	.02592
#2	.00488	-.00017	319.57	.00052	1.7533	.71154	-.00021	.03757
#3	.00432	.00043	323.95	.00065	1.8322	.68082	-.00013	.02322

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23364	.51609	.00182	-.00105	.00310	-.0000	.02467	2.3583
Stddev	.00239	.00502	.00050	.00039	.00113	.0018	.00008	.3687
%RSD	1.0248	.97325	27.727	37.463	36.546	5372.	.33803	15.634

#1	.23322	.51834	.00144	-.00072	.00294	.0020	.02463	2.0187
#2	.23148	.51959	.00162	-.00149	.00430	-.0006	.02461	2.3057
#3	.23621	.51033	.00239	-.00094	.00205	-.0015	.02476	2.7505

Sample Name: J6548-01 Acquired: 12/27/2018 16:44:08 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0604
Stddev	.7654
%RSD	72.186

#1	1.6751
#2	1.3030
#3	.20302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.4	63330.	4781.4	100.33	3517.2
Stddev	11.5	131.	17.1	2.11	15.5
%RSD	.38323	.20741	.35837	2.1052	.44149

#1	3017.1	63448.	4783.5	99.875	3534.7
#2	2994.6	63353.	4763.3	102.63	3512.2
#3	3001.5	63188.	4797.3	98.483	3504.9

Sample Name: J6548-01DUP Acquired: 12/27/2018 16:48:22 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	-.00392	.02017	.00123	.00027	.11134	.20896	.00000
Stddev	.00059	.00105	.00008	.00233	.00134	.00396	.00076	.00003
%RSD	18.506	26.735	.41815	189.10	495.54	3.5525	.36497	751.51

#1	-.00251	-.00401	.02027	-.00144	.00176	.11488	.20854	.00003
#2	-.00363	-.00283	.02011	.00284	-.00081	.11206	.20984	.00002
#3	-.00338	-.00492	.02014	.00230	-.00014	.10707	.20849	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00534	7.3496	.00134	.00304	.01840	.09923	.08545	.43660
Stddev	.00010	.0232	.00016	.00013	.00007	.00721	.00029	.03361
%RSD	1.8438	.31502	11.903	4.2237	.38176	7.2648	.33987	7.6981

#1	.00523	7.3467	.00152	.00317	.01839	.09314	.08512	.44390
#2	.00537	7.3281	.00129	.00291	.01834	.09736	.08557	.46595
#3	.00542	7.3741	.00122	.00304	.01848	.10719	.08567	.39994

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00476	-.00001	322.53	.00076	1.8122	.72898	-.00030	.03461
Stddev	.00029	.00018	2.16	.00035	.0395	.02867	.00009	.00349
%RSD	6.1432	1562.6	.66986	45.447	2.1804	3.9324	30.904	10.087

#1	.00510	-.00017	325.00	.00036	1.7873	.75216	-.00019	.03700
#2	.00458	-.00006	321.59	.00100	1.7915	.69693	-.00033	.03060
#3	.00461	.00019	320.99	.00093	1.8577	.73785	-.00037	.03621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23416	.52066	.00173	-.00108	.00419	-.0006	.02476	2.5606
Stddev	.00166	.00427	.00050	.00095	.00104	.0006	.00016	.4325
%RSD	.70986	.82016	28.835	88.635	24.854	104.6	.66091	16.890

#1	.23585	.51940	.00222	-.00044	.00463	.0001	.02458	2.0671
#2	.23252	.52541	.00122	-.00217	.00494	-.0010	.02481	2.7408
#3	.23412	.51716	.00175	-.00062	.00300	-.0009	.02490	2.8737

Sample Name: J6548-01DUP Acquired: 12/27/2018 16:48:22 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-1DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .60806
 Stddev .17906
 %RSD 29.448

#1 .47738
 #2 .53463
 #3 .81216

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.0	62964.	4765.4	99.489	3532.1
Stddev	8.7	299.	14.8	2.062	3.3
%RSD	.28837	.47516	.31036	2.0726	.09245

#1	3004.9	63310.	4763.8	100.64	3528.8
#2	3009.4	62801.	4751.4	100.72	3532.4
#3	3021.7	62783.	4780.9	97.108	3535.3

Sample Name: J6548-01LX5 Acquired: 12/27/2018 16:52:35 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	.00001	.00356	.00070	.00007	.01815	.03931	-.00007
Stddev	.00061	.00024	.00053	.00108	.00205	.00322	.00154	.00001
%RSD	106.22	1640.9	14.949	155.18	2856.1	17.755	3.9170	9.7638

#1	.00009	.00021	.00362	.00193	.00124	.01952	.03926	-.00008
#2	-.00071	.00009	.00300	.00027	.00126	.01447	.03780	-.00007
#3	-.00110	-.00025	.00406	-.00010	-.00229	.02046	.04088	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	1.4550	.00007	.00045	.00374	.01660	.01645	.14529
Stddev	.00006	.0265	.00048	.00017	.00025	.00285	.00001	.03269
%RSD	5.6284	1.8190	712.80	37.317	6.7748	17.153	.06548	22.497

#1	.00112	1.4677	.00045	.00028	.00379	.01698	.01646	.17169
#2	.00100	1.4246	-.00047	.00061	.00346	.01358	.01645	.10873
#3	.00105	1.4727	.00022	.00044	.00396	.01923	.01644	.15545

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00042	64.124	-.00008	.36190	.24535	-.00009	.00720
Stddev	.00043	.00026	.706	.00030	.00816	.00350	.00018	.01064
%RSD	45.643	63.483	1.1016	387.42	2.2534	1.4250	191.41	147.79

#1	.00089	-.00072	64.479	-.00040	.36390	.24140	-.00014	.01584
#2	.00054	-.00026	63.310	.00019	.35293	.24804	-.00025	.01043
#3	.00140	-.00027	64.581	-.00002	.36886	.24661	.00010	-.00468

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04306	.10559	.00080	-.00178	.00157	.0004	.00498	.46807
Stddev	.00196	.00125	.00018	.00133	.00040	.0003	.00010	.54331
%RSD	4.5550	1.1857	22.899	74.836	25.484	88.21	1.9823	116.07

#1	.04516	.10591	.00060	-.00044	.00203	.0008	.00504	.47662
#2	.04128	.10421	.00096	-.00180	.00135	.0001	.00487	1.0071
#3	.04272	.10665	.00084	-.00310	.00132	.0004	.00504	-.07946

Sample Name: J6548-01LX5 Acquired: 12/27/2018 16:52:35 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .49443
 %RSD 121.33

#1 -.97831
 #2 -.11237
 #3 -.13182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.6	66517.	4812.8	101.72	3799.5
Stddev	3.9	414.	46.7	2.17	4.4
%RSD	.12579	.62297	.97085	2.1333	.11618

#1	3128.4	66463.	4792.0	100.69	3800.0
#2	3133.0	66133.	4866.3	104.22	3803.6
#3	3136.2	66956.	4780.1	100.26	3794.8

Sample Name: J6548-01MS Acquired: 12/27/2018 16:56:43 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75897	1.7662	.91071	1.9289	.73334	2.0172	.40939
Stddev	.00639	.0075	.00210	.0032	.00436	.0069	.00120
%RSD	.84218	.42448	.23106	.16866	.59404	.34344	.29307

#1	.75660	1.7576	.90930	1.9252	.73135	2.0093	.40932
#2	.75409	1.7716	.91313	1.9310	.73034	2.0223	.40824
#3	.76620	1.7693	.90971	1.9307	.73834	2.0199	.41063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18532	.18622	8.6842	.40114	.19169	.30607	3.0049
Stddev	.00081	.00051	.0206	.00235	.00054	.00085	.0231
%RSD	.43713	.27527	.23698	.58541	.27996	.27851	.76906

#1	.18445	.18562	8.6713	.39844	.19121	.30532	2.9912
#2	.18604	.18653	8.6734	.40266	.19227	.30589	2.9920
#3	.18548	.18650	8.7079	.40233	.19160	.30700	3.0316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27832	2.3161	.47897	.07035	340.47	.29440	2.0446
Stddev	.00099	.0262	.00164	.00084	1.69	.00050	.0192
%RSD	.35677	1.1323	.34167	1.1880	.49758	.17110	.93964

#1	.27729	2.3038	.47710	.06941	342.35	.29383	2.0504
#2	.27839	2.2983	.48013	.07063	339.98	.29478	2.0232
#3	.27927	2.3462	.47968	.07101	339.07	.29459	2.0603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.726	.38332	.30867	.23338	1.3939	.62473	.18536
Stddev	.027	.00063	.01276	.00207	.0167	.00352	.00092
%RSD	.25609	.16353	4.1334	.88834	1.1953	.56268	.49870

#1	10.725	.38265	.30109	.23109	1.4112	.62367	.18531
#2	10.698	.38390	.30153	.23393	1.3780	.62866	.18446
#3	10.753	.38341	.32340	.23512	1.3926	.62188	.18631

Sample Name: J6548-01MS Acquired: 12/27/2018 16:56:43 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-1MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19560	5.479	.20891	3.4543	F<.00000
Stddev	.00129	.016	.00086	.3714	.19583
%RSD	.65732	.2910	.40982	10.752	5.8220

#1	.19414	5.466	.20915	3.0258	-3.3119
#2	.19656	5.497	.20796	3.6846	-3.1990
#3	.19610	5.474	.20963	3.6524	-3.5802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.9	62437.	4637.8	97.547	3479.1
Stddev	14.0	259.	34.9	.664	21.5
%RSD	.46977	.41425	.75242	.68038	.61899

#1	2978.7	62716.	4601.3	97.067	3484.2
#2	2958.1	62206.	4670.8	98.304	3455.5
#3	2984.7	62388.	4641.3	97.269	3497.7

Sample Name: J6548-01MSD Acquired: 12/27/2018 17:00:39 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76897	1.7913	.92352	1.9404	.74157	2.0061	.42898
Stddev	.00628	.0020	.00191	.0008	.00521	.0220	.02467
%RSD	.81691	.10994	.20682	.04134	.70199	1.0947	5.7504

#1	.77440	1.7935	.92539	1.9413	.74459	1.9879	.45738
#2	.77041	1.7897	.92157	1.9402	.74457	1.9999	.41281
#3	.76209	1.7906	.92360	1.9397	.73556	2.0305	.41676

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18655	.18856	8.9815	.40372	.19339	.30874	3.0668
Stddev	.00053	.00045	.4033	.00312	.00062	.00060	.1305
%RSD	.28620	.23706	4.4900	.77235	.31844	.19388	4.2535

#1	.18605	.18901	9.4461	.40022	.19409	.30943	3.2172
#2	.18649	.18857	8.7221	.40621	.19317	.30832	2.9989
#3	.18711	.18811	8.7763	.40473	.19292	.30847	2.9844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28057	2.4353	.48600	.07054	349.95	.29642	2.1010
Stddev	.00109	.0970	.00072	.00037	16.21	.00008	.1000
%RSD	.38885	3.9835	.14761	.52140	4.6316	.02848	4.7591

#1	.27938	2.5459	.48682	.07033	368.60	.29650	2.2146
#2	.28152	2.3647	.48549	.07033	339.29	.29633	2.0616
#3	.28082	2.3953	.48569	.07096	341.95	.29641	2.0267

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.170	.38941	.31823	.23884	1.4523	.63264	.19435
Stddev	.552	.00109	.01439	.00155	.0734	.00154	.01023
%RSD	4.9425	.28009	4.5204	.64817	5.0560	.24367	5.2629

#1	11.806	.38909	.33204	.23895	1.5371	.63088	.20614
#2	10.818	.39062	.30333	.23723	1.4096	.63376	.18895
#3	10.885	.38851	.31933	.24032	1.4103	.63328	.18795

Sample Name: J6548-01MSD Acquired: 12/27/2018 17:00:39 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-1MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20552	5.560	.21675	3.1655	F<.00000
Stddev	.01074	.024	.01089	.0710	.34556
%RSD	5.2252	.4374	5.0262	2.2426	9.4194

#1	.21790	5.588	.22933	3.1284	-3.7376
#2	.19871	5.546	.21022	3.1207	-3.2937
#3	.19996	5.547	.21071	3.2473	-3.9744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2950.0	62440.	4492.8	95.316	3442.8
Stddev	10.7	88.	218.1	4.385	14.5
%RSD	.36307	.14041	4.8539	4.6002	.42052

#1	2937.7	62528.	4241.0	90.289	3426.4
#2	2955.1	62352.	4616.6	97.308	3453.7
#3	2957.2	62440.	4620.9	98.351	3448.4

Sample Name: J6548-01A Acquired: 12/27/2018 17:04:34 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75269	1.7712	.91318	1.9054	.72963	1.9951	.41026
Stddev	.00777	.0226	.01129	.0150	.00773	.0223	.00259
%RSD	1.0327	1.2761	1.2359	.78842	1.0599	1.1176	.63072

#1	.76034	1.7927	.92486	1.9202	.73852	2.0021	.41117
#2	.75292	1.7732	.91232	1.9058	.72591	2.0130	.40734
#3	.74480	1.7476	.90234	1.8902	.72446	1.9701	.41227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18505	.18623	8.7429	.40068	.19170	.30268	3.0379
Stddev	.00033	.00229	.0084	.00219	.00200	.00275	.0509
%RSD	.17587	1.2306	.09606	.54582	1.0436	.90760	1.6750

#1	.18477	.18849	8.7383	.40071	.19385	.30497	3.0265
#2	.18541	.18630	8.7526	.40285	.19134	.30343	2.9937
#3	.18498	.18391	8.7377	.39848	.18990	.29963	3.0935

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27854	2.3418	.47839	.07070	336.81	.29400	2.0607
Stddev	.00124	.0539	.00543	.00007	1.43	.00108	.0480
%RSD	.44340	2.3003	1.1350	.10025	.42523	.36848	2.3295

#1	.27770	2.3021	.48405	.07074	335.93	.29327	2.0551
#2	.27996	2.3201	.47790	.07074	336.05	.29524	2.0157
#3	.27797	2.4031	.47323	.07062	338.47	.29348	2.1112

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.805	.38154	.30715	.23580	1.3931	.62380	.18757
Stddev	.019	.00330	.00876	.00426	.0113	.00789	.00091
%RSD	.17813	.86579	2.8533	1.8068	.81048	1.2650	.48550

#1	10.793	.38487	.31471	.23934	1.3905	.63129	.18727
#2	10.827	.38149	.29754	.23699	1.3834	.62456	.18685
#3	10.795	.37827	.30920	.23108	1.4055	.61556	.18859

Sample Name: J6548-01A Acquired: 12/27/2018 17:04:34 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19691	5.479	.20918	3.3303	F<.00000
Stddev	.00083	.059	.00087	.2713	.65944
%RSD	.42118	1.080	.41456	8.1456	19.816
#1	.19786	5.539	.20903	3.2628	-3.1846
#2	.19643	5.478	.20840	3.6290	-4.0472
#3	.19643	5.420	.21011	3.0992	-2.7519
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.7	62663.	4643.9	96.588	3467.2
Stddev	23.1	189.	38.8	2.489	34.2
%RSD	.77510	.30169	.83457	2.5770	.98556
#1	2959.8	62705.	4642.7	96.793	3432.4
#2	2985.4	62457.	4683.2	98.969	3468.7
#3	3006.0	62828.	4605.7	94.003	3500.7

Sample Name: CCV05 Acquired: 12/27/2018 17:14:07 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9932	4.9857	4.8517	5.0153	4.8816	9.5648	9.6910	.24340
Stddev	.0091	.0122	.0073	.0146	.0019	.0723	.0566	.00093
%RSD	.18123	.24412	.15067	.29040	.03788	.75553	.58417	.38194
#1	4.9923	4.9910	4.8601	5.0203	4.8816	9.5875	9.7522	.24233
#2	5.0027	4.9942	4.8468	5.0268	4.8834	9.6230	9.6405	.24388
#3	4.9847	4.9717	4.8482	4.9989	4.8797	9.4839	9.6801	.24399
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3904	24.403	1.0087	2.4402	1.2502	5.0552	2.4518	24.166
Stddev	.0025	.022	.0035	.0038	.0004	.0314	.0028	.227
%RSD	.10639	.08817	.34556	.15588	.03242	.62073	.11351	.94066
#1	2.3930	24.397	1.0058	2.4417	1.2499	5.0231	2.4489	24.289
#2	2.3880	24.385	1.0077	2.4358	1.2501	5.0858	2.4544	23.904
#3	2.3903	24.427	1.0126	2.4430	1.2506	5.0566	2.4521	24.307
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4728	1.2825	23.568	2.4562	2.4999	25.433	5.0563	4.9412
Stddev	.0030	.0024	.228	.0060	.0075	.278	.0056	.0292
%RSD	.12102	.18772	.96541	.24599	.29954	1.0913	.11017	.59173
#1	2.4737	1.2804	23.701	2.4507	2.4952	25.540	5.0623	4.9340
#2	2.4695	1.2851	23.306	2.4627	2.5085	25.117	5.0512	4.9163
#3	2.4753	1.2820	23.698	2.4552	2.4960	25.641	5.0554	4.9734
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9805	5.0475	4.8875	4.9728	4.9012	5.000	4.9189	F 2.3117
Stddev	.0167	.0416	.0034	.0109	.0547	.014	.0658	.1278
%RSD	.33530	.82507	.06950	.21930	1.1162	.2870	1.3378	5.5299
#1	4.9997	5.0593	4.8889	4.9794	4.9413	5.007	4.9102	2.4220
#2	4.9716	5.0012	4.8837	4.9602	4.8389	5.010	4.8579	2.1716
#3	4.9701	5.0819	4.8901	4.9789	4.9233	4.984	4.9887	2.3416

Sample Name: CCV05 Acquired: 12/27/2018 17:14:07 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4726
Stddev .2487
%RSD 10.058

#1 2.5759
#2 2.6529
#3 2.1889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.0	65041.	4757.4	95.733	3543.7
Stddev	7.2	153.	47.7	.238	7.3
%RSD	.23421	.23538	1.0031	.24851	.20701

#1	3052.3	64890.	4725.9	95.793	3535.6
#2	3061.3	65038.	4812.3	95.471	3545.4
#3	3066.4	65196.	4734.0	95.935	3550.0

Sample Name: CCB05 Acquired: 12/27/2018 17:17:58 Type: Unk
Method: P4-ICP2(v2686) 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	.00157	.00180	.00135	.00214	-.00027	-.00912	-.00092
Stddev	.00084	.00079	.00021	.00131	.00091	.01307	.00060
%RSD	53.390	43.665	15.376	61.306	335.16	143.32	64.664

#1	.00065	.00216	.00115	.00086	.00047	-.02332	-.00089
#2	.00230	.00235	.00157	.00209	-.00128	-.00646	-.00035
#3	.00175	.00090	.00133	.00349	.00000	.00242	-.00154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00007	.00552	-.00027	-.00002	.00012	-.00134
Stddev	.00003	.00003	.00686	.00013	.00029	.00021	.00537
%RSD	112.39	52.885	124.43	46.648	1287.3	174.82	400.38

#1	-.00003	.00007	.00444	-.00037	-.00029	-.00009	-.00337
#2	.00000	.00003	-.00075	-.00031	-.00006	.00033	.00475
#3	-.00005	.00010	.01285	-.00013	.00028	.00012	-.00541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.04946	.00071	-.00017	.15282	.00041	.00057
Stddev	.00003	.02976	.00016	.00006	.00347	.00034	.00009
%RSD	35.532	60.156	22.388	34.803	2.2691	81.216	15.288

#1	.00013	.03865	.00086	-.00011	.15005	.00078	.00057
#2	.00007	.08312	.00073	-.00022	.15171	.00035	.00065
#3	.00008	.02663	.00055	-.00017	.15671	.00012	.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12581	.00017	.00959	-.00391	-.00050	.00199	-.00206
Stddev	.03241	.00005	.00555	.00112	.00042	.00030	.00071
%RSD	25.759	31.027	57.892	28.591	84.057	15.023	34.505

#1	.15956	.00012	.00712	-.00520	-.00097	.00186	-.00228
#2	.09494	.00023	.00570	-.00337	-.00015	.00233	-.00264
#3	.12291	.00017	.01596	-.00317	-.00039	.00178	-.00127

Sample Name: CCB05 Acquired: 12/27/2018 17:17:58 Type: Unk
Method: P4-ICP2(v2686) 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	.00076	-.0023	.00018	F<.00000	F<.00000
Stddev	.00087	.0011	.00003	.14108	.36072
%RSD	114.54	46.92	15.435	12.385	87.476

#1	.00168	-.0012	.00015	-1.2909	-.05814
#2	-.00005	-.0033	.00019	-1.1144	-.77924
#3	.00065	-.0023	.00019	-1.0120	-.39970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.4	68578.	4782.9	100.77	4065.2
Stddev	23.6	139.	63.2	1.53	34.4
%RSD	.73282	.20297	1.3205	1.5136	.84676

#1	3201.7	68732.	4720.9	99.408	4045.5
#2	3246.2	68541.	4780.8	100.48	4105.0
#3	3210.2	68461.	4847.1	102.42	4045.2

Sample Name: J6548-02 Acquired: 12/27/2018 17:22:06 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	-.00344	.05698	.00076	.00301	.01419	.59630	-.00009
Stddev	.00125	.00031	.00079	.00262	.00097	.02691	.00593	.00005
%RSD	37.131	9.0049	1.3875	343.24	32.225	189.67	.99395	61.182

#1	-.00271	-.00309	.05734	.00377	.00401	.03083	.59599	-.00013
#2	-.00482	-.00355	.05607	-.00097	.00295	.02859	.60238	-.00003
#3	-.00259	-.00368	.05753	-.00051	.00207	-.01686	.59054	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04276	114.13	.01457	.01166	.01758	.10795	.87831	2.2347
Stddev	.00024	.76	.00015	.00002	.00022	.00498	.00184	.0317
%RSD	.56113	.66728	1.0365	.16643	1.2616	4.6145	.20961	1.4205

#1	.04293	114.10	.01475	.01168	.01782	.11196	.87684	2.2104
#2	.04249	114.90	.01450	.01166	.01738	.10953	.87772	2.2706
#3	.04288	113.38	.01447	.01164	.01755	.10238	.88038	2.2232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00859	-.00029	313.10	.00085	16.141	3.7921	-.00113	.23839
Stddev	.00033	.00018	1.92	.00020	.127	.0744	.00010	.00513
%RSD	3.8097	61.432	.61325	23.654	.78759	1.9629	8.4625	2.1512

#1	.00855	-.00014	315.22	.00082	16.274	3.7828	-.00120	.23457
#2	.00829	-.00024	312.61	.00066	16.020	3.8708	-.00102	.24422
#3	.00894	-.00048	311.47	.00106	16.130	3.7228	-.00116	.23639

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4407	.95991	.00222	-.00371	.00836	-.0041	.15224	3.7714
Stddev	.0115	.00936	.00006	.00060	.00047	.0002	.00156	.1329
%RSD	.80088	.97458	2.8287	16.110	5.5944	5.054	1.0255	3.5248

#1	1.4432	.97053	.00228	-.00370	.00789	-.0040	.15267	3.6213
#2	1.4281	.95634	.00224	-.00432	.00838	-.0039	.15353	3.8187
#3	1.4508	.95287	.00216	-.00312	.00882	-.0043	.15050	3.8743

Sample Name: J6548-02 Acquired: 12/27/2018 17:22:06 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8500
Stddev .4408
%RSD 23.829

#1 1.3885
#2 2.2668
#3 1.8945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.6	61615.	4667.0	96.511	3394.1
Stddev	11.6	141.	23.1	.769	12.3
%RSD	.40031	.22880	.49451	.79640	.36272

#1	2892.3	61479.	4649.7	95.632	3383.2
#2	2900.3	61760.	4658.1	97.056	3391.6
#3	2915.2	61605.	4693.2	96.845	3407.5

Sample Name: J6548-03 Acquired: 12/27/2018 17:26:17 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00388	-.00302	.13163	.00119	.00953	.04870	.86076	.00011
Stddev	.00131	.00069	.00275	.00473	.00155	.00748	.00555	.00007
%RSD	33.615	22.945	2.0879	397.19	16.209	15.365	.64477	66.290

#1	-.00274	-.00310	.12851	.00345	.00819	.04735	.85716	.00010
#2	-.00361	-.00229	.13269	-.00425	.01122	.05677	.85797	.00004
#3	-.00530	-.00367	.13370	.00437	.00918	.04199	.86715	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07626	9.1617	.05456	.00750	.04939	.05388	.31275	1.2699
Stddev	.00141	.0221	.00062	.00033	.00069	.00582	.00101	.0431
%RSD	1.8445	.24121	1.1441	4.4175	1.3870	10.805	.32266	3.3917

#1	.07469	9.1866	.05436	.00718	.04864	.04939	.31162	1.2796
#2	.07667	9.1540	.05526	.00784	.04999	.05179	.31355	1.3073
#3	.07741	9.1444	.05406	.00748	.04954	.06046	.31309	1.2228

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01084	-.00018	340.33	.00059	28.473	1.4215	-.00303	.16987
Stddev	.00038	.00023	3.67	.00068	.237	.0182	.00018	.00405
%RSD	3.4847	126.07	1.0795	114.83	.83242	1.2814	5.7794	2.3852

#1	.01041	-.00008	342.33	.00128	28.366	1.4021	-.00317	.16590
#2	.01109	-.00002	336.09	.00057	28.744	1.4242	-.00309	.16972
#3	.01103	-.00044	342.57	-.00008	28.308	1.4382	-.00284	.17399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98109	.23806	.00180	-.00181	.00732	.0019	.04247	3.3660
Stddev	.01716	.00310	.00076	.00134	.00092	.0011	.00005	.2152
%RSD	1.7492	1.3019	41.970	74.459	12.581	57.76	.11390	6.3944

#1	.96137	.23673	.00112	-.00286	.00720	.0029	.04243	3.3592
#2	.98931	.23585	.00167	-.00029	.00647	.0007	.04246	3.5845
#3	.99260	.24161	.00261	-.00226	.00830	.0020	.04253	3.1542

Sample Name: J6548-03 Acquired: 12/27/2018 17:26:17 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.79754
Stddev	.46200
%RSD	57.928

#1	1.2339
#2	.84510
#3	.31361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.0	62789.	4688.6	98.843	3500.0
Stddev	30.4	230.	30.3	.476	52.8
%RSD	1.0212	.36701	.64714	.48108	1.5077

#1	3007.8	62855.	4695.6	99.007	3558.0
#2	2951.9	62533.	4714.8	98.308	3487.3
#3	2959.4	62980.	4655.3	99.215	3454.8

Sample Name: J6548-04 Acquired: 12/27/2018 17:30:36 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00450	-.00301	.10044	.00028	.00030	.09495	.48034	.00005
Stddev	.00077	.00019	.00033	.00333	.00066	.00688	.00476	.00005
%RSD	17.120	6.2180	.33259	1209.7	220.78	7.2471	.99079	101.02

#1	-.00387	-.00318	.10015	-.00054	-.00017	.08805	.48385	.00002
#2	-.00428	-.00281	.10037	-.00258	.00105	.10181	.47492	.00011
#3	-.00536	-.00304	.10081	.00394	.00002	.09500	.48224	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01538	28.513	.05103	.00726	.01558	.43578	.27858	.77255
Stddev	.00004	.028	.00063	.00016	.00040	.01083	.00056	.01355
%RSD	.28073	.09683	1.2292	2.1372	2.5621	2.4842	.20114	1.7545

#1	.01537	28.534	.05174	.00709	.01515	.44284	.27807	.78456
#2	.01534	28.482	.05055	.00740	.01566	.44118	.27848	.75785
#3	.01542	28.523	.05081	.00728	.01594	.42332	.27918	.77523

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00581	-.00010	329.46	.00079	6.8650	1.7128	-.00065	.08867
Stddev	.00015	.00040	1.10	.00043	.1413	.0200	.00012	.00516
%RSD	2.6565	388.46	.33311	54.872	2.0589	1.1700	18.188	5.8161

#1	.00597	-.00049	330.34	.00110	6.9955	1.6897	-.00058	.09235
#2	.00566	-.00012	328.23	.00097	6.8845	1.7257	-.00058	.08277
#3	.00580	.00030	329.82	.00029	6.7149	1.7230	-.00078	.09088

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75631	.53195	.00124	-.00301	.00421	-.0017	.04447	2.9317
Stddev	.00178	.01027	.00044	.00140	.00060	.0017	.00022	.2926
%RSD	.23575	1.9314	35.252	46.487	14.295	100.6	.50071	9.9811

#1	.75607	.54297	.00120	-.00315	.00485	-.0002	.04463	2.6482
#2	.75465	.52264	.00082	-.00433	.00415	-.0013	.04422	2.9142
#3	.75819	.53023	.00169	-.00154	.00365	-.0036	.04457	3.2326

Sample Name: J6548-04 Acquired: 12/27/2018 17:30:36 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2050
 Stddev .5624
 %RSD 46.672

#1 .88319
 #2 .87744
 #3 1.8544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2944.5	62491.	4673.5	97.070	3457.4
Stddev	8.8	138.	40.9	2.020	19.5
%RSD	.29979	.22073	.87413	2.0810	.56330

#1	2942.3	62573.	4629.8	95.281	3458.9
#2	2937.0	62570.	4710.7	96.668	3476.1
#3	2954.3	62332.	4680.0	99.261	3437.3

Sample Name: J6548-05 Acquired: 12/27/2018 17:34:48 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00508	-.00456	.15484	.00308	.00344	.07035	.59538	.00013
Stddev	.00047	.00060	.00151	.00113	.00091	.00794	.00548	.00006
%RSD	9.2366	13.158	.97398	36.626	26.431	11.283	.92075	43.061

#1	-.00526	-.00487	.15490	.00300	.00247	.06893	.60133	.00018
#2	-.00455	-.00494	.15331	.00425	.00427	.06322	.59427	.00015
#3	-.00543	-.00387	.15633	.00200	.00360	.07890	.59053	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06137	83.100	.02353	.00746	.02500	.11344	.86463	4.1522
Stddev	.00041	.529	.00021	.00020	.00042	.00354	.00015	.0363
%RSD	.67585	.63622	.88141	2.6493	1.6910	3.1212	.01779	.87458

#1	.06178	83.360	.02350	.00769	.02549	.11566	.86469	4.1504
#2	.06095	83.449	.02375	.00735	.02475	.10936	.86475	4.1168
#3	.06137	82.492	.02334	.00734	.02476	.11530	.86446	4.1894

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00940	-.00021	310.11	.00093	16.411	2.8193	-.00137	.22052
Stddev	.00018	.00019	1.76	.00022	.378	.0071	.00024	.01197
%RSD	1.9143	88.675	.56781	23.448	2.3034	.25042	17.454	5.4259

#1	.00933	-.00037	308.17	.00095	16.172	2.8274	-.00133	.22902
#2	.00961	-.00000	311.60	.00070	16.214	2.8166	-.00163	.22571
#3	.00927	-.00026	310.55	.00113	16.847	2.8141	-.00115	.20684

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7899	1.1621	.00106	-.00232	.00762	.0015	.10580	3.4253
Stddev	.0080	.0067	.00054	.00084	.00070	.0022	.00035	.3070
%RSD	.44896	.57862	51.235	36.169	9.2450	144.1	.33088	8.9631

#1	1.7876	1.1694	.00099	-.00326	.00724	.0041	.10595	3.6853
#2	1.7832	1.1607	.00163	-.00167	.00843	-.0000	.10605	3.0866
#3	1.7988	1.1562	.00055	-.00201	.00718	.0006	.10540	3.5041

Sample Name: J6548-05 Acquired: 12/27/2018 17:34:48 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4805
 Stddev .3384
 %RSD 22.854

#1 1.8649
 #2 1.2277
 #3 1.3490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.8	62112.	4636.0	96.249	3405.1
Stddev	9.8	209.	35.1	2.100	7.8
%RSD	.33574	.33633	.75623	2.1816	.22922

#1	2900.9	61891.	4605.6	97.669	3405.9
#2	2919.7	62137.	4628.2	97.242	3412.5
#3	2905.7	62307.	4674.3	93.837	3397.0

Sample Name: J6548-06 Acquired: 12/27/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00310	-.00390	.03143	.00141	-.00049	.08512	.34299	-.00007
Stddev	.00099	.00095	.00082	.00146	.00112	.00119	.00133	.00002
%RSD	31.841	24.369	2.5990	103.64	230.76	1.3948	.38764	30.680
#1	-.00257	-.00497	.03207	-.00016	-.00172	.08392	.34173	-.00005
#2	-.00423	-.00357	.03051	.00272	-.00022	.08629	.34287	-.00007
#3	-.00249	-.00316	.03171	.00167	.00048	.08516	.34438	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01188	31.812	.01241	.00212	.01935	.54858	.22591	.80039
Stddev	.00004	.099	.00021	.00010	.00048	.00661	.00559	.01723
%RSD	.34267	.31135	1.6831	4.9243	2.4719	1.2050	2.4762	2.1523
#1	.01187	31.738	.01247	.00202	.01984	.54254	.22233	.81722
#2	.01185	31.924	.01218	.00212	.01935	.55564	.22303	.80115
#3	.01193	31.772	.01258	.00223	.01888	.54756	.23235	.78279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.00021	340.30	.00067	4.7876	1.6655	-.00045	.07573
Stddev	.00035	.00030	2.76	.00010	.0394	.0062	.00014	.00367
%RSD	6.0936	139.46	.81194	14.849	.82326	.37357	30.342	4.8514
#1	.00528	.00044	338.17	.00072	4.7507	1.6660	-.00039	.07996
#2	.00595	.00033	343.42	.00055	4.8291	1.6715	-.00060	.07389
#3	.00577	-.00013	339.29	.00072	4.7829	1.6590	-.00035	.07334
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45251	.48115	.00074	-.00128	.00544	-.0006	.10171	3.2038
Stddev	.00243	.00279	.00051	.00099	.00065	.0014	.00023	.8911
%RSD	.53714	.57962	69.747	77.189	11.918	226.0	.22386	27.813
#1	.44973	.48335	.00130	-.00240	.00602	-.0022	.10196	2.4104
#2	.45357	.47801	.00031	-.00052	.00474	-.0001	.10151	3.0331
#3	.45422	.48210	.00060	-.00092	.00556	.0004	.10166	4.1678

Sample Name: J6548-06 Acquired: 12/27/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-6 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0526
Stddev .2942
%RSD 27.948

#1 1.1886
#2 1.2541
#3 .71499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.9	61299.	4583.4	96.869	3424.5
Stddev	9.2	1258.	4.4	.463	8.7
%RSD	.31668	2.0514	.09586	.47798	.25482

#1	2906.8	62142.	4584.0	97.256	3415.5
#2	2924.3	61902.	4578.7	96.356	3425.1
#3	2910.6	59854.	4587.5	96.995	3433.0

Sample Name: J6548-07 Acquired: 12/27/2018 17:43:12 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00380	.14311	.00290	.00800	.01370	.63263	-.00006
Stddev	.00166	.00046	.00119	.00347	.00178	.00638	.00317	.00003
%RSD	57.599	12.169	.83019	119.46	22.291	46.594	.50106	41.160

#1	-.00364	-.00379	.14259	.00663	.00918	.00722	.63628	-.00003
#2	-.00404	-.00333	.14227	-.00023	.00887	.01998	.63092	-.00008
#3	-.00098	-.00426	.14447	.00231	.00595	.01389	.63067	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05445	103.82	.02212	.00739	.02031	.07568	.82522	2.0229
Stddev	.00007	.61	.00071	.00017	.00048	.00562	.00296	.0338
%RSD	.11950	.59084	3.2269	2.3309	2.3809	7.4206	.35829	1.6729

#1	.05439	104.47	.02134	.00720	.02083	.07689	.82190	1.9839
#2	.05446	103.75	.02228	.00753	.01988	.08059	.82618	2.0435
#3	.05452	103.24	.02274	.00744	.02023	.06956	.82758	2.0415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	-.00002	308.15	.00056	31.244	2.9409	-.00292	.35776
Stddev	.00050	.00027	4.29	.00033	.548	.0264	.00026	.01320
%RSD	9.3943	1176.8	1.3929	58.774	1.7552	.89675	8.8372	3.6908

#1	.00557	-.00023	312.88	.00025	31.281	2.9494	-.00284	.35379
#2	.00559	-.00013	304.50	.00091	31.772	2.9113	-.00320	.34699
#3	.00472	.00029	307.06	.00053	30.678	2.9620	-.00271	.37249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7981	.63601	.00177	-.00376	.00932	-.0011	.12362	3.5754
Stddev	.0034	.00903	.00031	.00180	.00182	.0016	.00034	.4896
%RSD	.12258	1.4194	17.682	47.978	19.514	145.8	.27635	13.692

#1	2.7988	.64549	.00181	-.00425	.01042	-.0020	.12400	3.0398
#2	2.7944	.63503	.00206	-.00176	.00722	-.0021	.12334	3.6867
#3	2.8012	.62751	.00144	-.00527	.01032	.0008	.12352	3.9998

Sample Name: J6548-07 Acquired: 12/27/2018 17:43:12 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-7 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2581
 Stddev .6329
 %RSD 50.309

#1 1.1427
 #2 .69081
 #3 1.9408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.0	61647.	4580.8	94.923	3385.6
Stddev	3.6	254.	45.0	1.716	9.5
%RSD	.12434	.41210	.98219	1.8072	.28208

#1	2877.4	61876.	4536.6	94.925	3395.9
#2	2884.0	61692.	4579.2	93.206	3377.1
#3	2878.4	61374.	4626.5	96.637	3383.8

Sample Name: J6548-08 Acquired: 12/27/2018 17:47:31 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00373	-.00240	.14135	.00181	.01095	.10804	.76837	-.00006
Stddev	.00157	.00078	.00095	.00042	.00158	.00515	.00034	.00003
%RSD	42.042	32.522	.66905	23.309	14.434	4.7649	.04419	49.638
#1	-.00553	-.00200	.14235	.00133	.00955	.10325	.76798	-.00009
#2	-.00266	-.00190	.14047	.00213	.01064	.11348	.76853	-.00006
#3	-.00301	-.00329	.14124	.00195	.01267	.10738	.76861	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16794	109.04	.00474	.00346	.00891	.15984	.16324	1.7450
Stddev	.00101	.33	.00029	.00009	.00050	.01100	.00033	.0249
%RSD	.60204	.30682	6.0615	2.7063	5.5754	6.8792	.19988	1.4260
#1	.16822	108.67	.00441	.00354	.00948	.15519	.16294	1.7617
#2	.16682	109.15	.00494	.00349	.00867	.15194	.16318	1.7569
#3	.16878	109.31	.00487	.00336	.00857	.17240	.16359	1.7164
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	.00000	336.49	.00116	F 35.086	1.4761	-.00267	.23169
Stddev	.00053	.00038	3.14	.00014	.647	.0064	.00013	.01075
%RSD	11.098	15385.	.93320	12.014	1.8432	.43369	4.7850	4.6380
#1	.00415	-.00043	336.61	.00132	34.345	1.4713	-.00280	.23229
#2	.00497	.00028	333.29	.00107	35.536	1.4833	-.00255	.24212
#3	.00513	.00015	339.57	.00110	35.378	1.4736	-.00264	.22066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8534	.38067	.00127	-.00158	.01006	.0343	.40410	3.4773
Stddev	.0207	.00174	.00073	.00079	.00294	.0016	.00017	.2656
%RSD	.72584	.45771	57.417	50.104	29.197	4.679	.04112	7.6388
#1	2.8687	.38183	.00209	-.00245	.00667	.0361	.40391	3.1792
#2	2.8298	.37867	.00071	-.00090	.01162	.0339	.40420	3.5641
#3	2.8616	.38151	.00100	-.00138	.01188	.0329	.40420	3.6887

Sample Name: J6548-08 Acquired: 12/27/2018 17:47:31 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-8 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7692
Stddev .1741
%RSD 9.8426

#1 1.7541
#2 1.9503
#3 1.6031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.5	61225.	4544.1	94.566	3382.8
Stddev	3.4	43.	11.1	1.020	9.7
%RSD	.11882	.07023	.24494	1.0785	.28636

#1	2881.5	61252.	4534.4	95.694	3376.0
#2	2884.9	61248.	4556.2	93.711	3393.9
#3	2878.0	61176.	4541.6	94.292	3378.5

Sample Name: J6548-09 Acquired: 12/27/2018 17:51:59 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00273	.01053	.00321	.00218	.06375	.32140	-.00007
Stddev	.00049	.00082	.00124	.00313	.00071	.00405	.00126	.00005
%RSD	28.727	29.887	11.783	97.587	32.728	6.3466	.39176	71.963

#1	-.00226	-.00327	.01039	.00325	.00140	.05923	.32256	-.00012
#2	-.00152	-.00313	.00937	.00633	.00234	.06704	.32006	-.00003
#3	-.00134	-.00179	.01184	.00006	.00280	.06497	.32159	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01025	8.4565	.00721	.00117	.00506	.04633	.15216	.74898
Stddev	.00012	.0351	.00051	.00011	.00053	.00801	.00281	.03185
%RSD	1.1398	.41538	7.0204	9.2896	10.421	17.296	1.8458	4.2522

#1	.01012	8.4463	.00715	.00125	.00510	.03751	.14891	.72572
#2	.01027	8.4276	.00775	.00105	.00451	.04829	.15380	.73595
#3	.01035	8.4956	.00674	.00121	.00556	.05317	.15375	.78528

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	.00004	362.73	.00058	4.7060	.77579	-.00045	.04744
Stddev	.00026	.00022	3.65	.00060	.0579	.01678	.00011	.00853
%RSD	8.3312	540.29	1.0055	103.69	1.2300	2.1634	23.761	17.972

#1	.00337	-.00021	365.08	.00015	4.6465	.79069	-.00034	.04477
#2	.00286	.00019	358.53	.00032	4.7095	.75761	-.00045	.04056
#3	.00323	.00014	364.59	.00126	4.7621	.77906	-.00055	.05698

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34474	.45004	.00215	-.00077	.00377	.0256	.06172	3.6369
Stddev	.00248	.00090	.00057	.00102	.00073	.0010	.00010	.4181
%RSD	.71866	.20021	26.708	133.74	19.425	4.064	.16953	11.497

#1	.34705	.44929	.00153	-.00002	.00353	.0244	.06172	3.2426
#2	.34506	.45104	.00267	-.00034	.00319	.0263	.06161	3.5926
#3	.34212	.44979	.00225	-.00193	.00459	.0262	.06182	4.0754

Sample Name: J6548-09 Acquired: 12/27/2018 17:51:59 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4364
Stddev	.5037
%RSD	35.069

#1	.97062
#2	1.9710
#3	1.3675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.9	62026.	4627.6	98.243	3442.8
Stddev	1.1	712.	34.5	1.180	11.4
%RSD	.03756	1.1486	.74553	1.2011	.33047

#1	2926.1	62844.	4588.7	99.475	3452.4
#2	2924.7	61695.	4654.6	98.133	3430.2
#3	2926.9	61540.	4639.4	97.122	3445.8

Sample Name: J6548-10 Acquired: 12/27/2018 17:56:13 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	-.00139	.00617	.00360	-.00122	.02672	.16980	-.00008
Stddev	.00194	.00057	.00011	.00108	.00101	.00664	.00042	.00002
%RSD	60.308	40.802	1.7678	30.099	82.976	24.856	.24742	27.645

#1	-.00280	-.00089	.00625	.00238	-.00161	.02894	.16939	-.00005
#2	-.00534	-.00201	.00622	.00393	-.00198	.01925	.17023	-.00009
#3	-.00153	-.00126	.00605	.00447	-.00007	.03196	.16978	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	2.5763	.00138	.00005	.00343	.05466	.02056	.19737
Stddev	.00006	.0349	.00048	.00024	.00008	.00263	.00005	.02705
%RSD	7.0725	1.3534	34.564	517.24	2.2871	4.8102	.25504	13.704

#1	.00095	2.5669	.00085	-.00023	.00336	.05672	.02054	.17374
#2	.00082	2.6149	.00154	.00022	.00351	.05555	.02052	.19148
#3	.00090	2.5471	.00176	.00014	.00341	.05170	.02062	.22687

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	-.00026	386.21	.00016	.56334	.48741	-.00018	.03005
Stddev	.00031	.00033	4.87	.00010	.00496	.01847	.00012	.00220
%RSD	7.7370	128.82	1.2603	63.543	.88085	3.7891	64.246	7.3328

#1	.00374	.00011	383.62	.00006	.56307	.49964	-.00032	.03166
#2	.00393	-.00053	391.83	.00027	.56844	.49643	-.00009	.02754
#3	.00434	-.00036	383.18	.00015	.55853	.46617	-.00014	.03095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22342	.12709	.00153	-.00166	.00365	.0030	.00913	3.8179
Stddev	.00344	.00571	.00012	.00115	.00143	.0004	.00012	.1903
%RSD	1.5417	4.4947	7.6218	69.156	39.209	11.96	1.3414	4.9840

#1	.22737	.12345	.00149	-.00107	.00460	.0030	.00911	3.9406
#2	.22190	.13367	.00145	-.00299	.00434	.0034	.00927	3.9144
#3	.22101	.12415	.00166	-.00093	.00200	.0027	.00903	3.5987

Sample Name: J6548-10 Acquired: 12/27/2018 17:56:13 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .70289
 Stddev .16232
 %RSD 23.092

#1 .75095
 #2 .52198
 #3 .83575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.8	61192.	4609.0	97.467	3465.9
Stddev	11.6	81.	46.7	1.116	19.9
%RSD	.39422	.13202	1.0138	1.1448	.57379

#1	2925.2	61261.	4625.1	97.200	3443.0
#2	2940.3	61211.	4556.4	96.508	3477.4
#3	2948.0	61103.	4645.6	98.692	3477.5

Sample Name: J6548-11 Acquired: 12/27/2018 18:00:29 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	-.00246	.00257	.00253	.00001	.01400	.25409	-.00006
Stddev	.00012	.00085	.00017	.00267	.00157	.01455	.00071	.00006
%RSD	5.0608	34.632	6.6420	105.70	14880.	103.94	.27870	104.54

#1	-.00251	-.00186	.00264	.00114	.00035	-.00101	.25343	.00001
#2	-.00239	-.00343	.00238	.00561	-.00170	.02804	.25400	-.00010
#3	-.00227	-.00208	.00270	.00084	.00138	.01497	.25484	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.72695	.00265	-.00030	.00204	.02764	.00854	.05622
Stddev	.00008	.00517	.00023	.00007	.00053	.00542	.00007	.01929
%RSD	34.113	.71155	8.5741	22.610	26.088	19.613	.77399	34.317

#1	.00016	.72559	.00291	-.00029	.00231	.02482	.00854	.03468
#2	.00026	.73266	.00255	-.00037	.00143	.03389	.00848	.07193
#3	.00032	.72259	.00249	-.00024	.00238	.02421	.00861	.06205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00371	-.00041	326.06	.00008	.22706	.44099	-.00005	.03692
Stddev	.00016	.00020	1.88	.00022	.00541	.01120	.00004	.00910
%RSD	4.4119	49.388	.57612	270.77	2.3812	2.5406	75.952	24.645

#1	.00352	-.00037	325.31	.00032	.22178	.45390	-.00003	.02645
#2	.00377	-.00063	328.20	.00005	.22682	.43528	-.00003	.04289
#3	.00383	-.00023	324.68	-.00012	.23258	.43379	-.00010	.04142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23866	.06499	.00134	-.00123	.00314	-.0009	.00436	3.2134
Stddev	.00327	.00095	.00027	.00082	.00108	.0007	.00004	.1760
%RSD	1.3718	1.4612	20.535	66.417	34.429	78.47	.85729	5.4779

#1	.23515	.06601	.00103	-.00216	.00261	-.0013	.00439	3.3698
#2	.24163	.06412	.00157	-.00066	.00439	-.0001	.00432	3.0228
#3	.23920	.06484	.00141	-.00086	.00243	-.0013	.00437	3.2475

Sample Name: J6548-11 Acquired: 12/27/2018 18:00:29 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-11 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.60551
Stddev	.29719
%RSD	49.080

#1	.50881
#2	.36872
#3	.93900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.8	62303.	4623.9	98.017	3527.4
Stddev	16.1	143.	21.1	2.233	25.0
%RSD	.54072	.23005	.45654	2.2783	.70886

#1	2957.3	62252.	4645.6	100.03	3516.7
#2	2974.6	62465.	4603.4	98.400	3509.5
#3	2989.5	62193.	4622.8	95.617	3556.0

Sample Name: CCV06 Acquired: 12/27/2018 18:04:45 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9447	4.9608	4.8710	4.9556	4.8867	9.4672	9.7736	.24555
Stddev	.0061	.0258	.0178	.0085	.0133	.0193	.0464	.00126
%RSD	.12253	.52098	.36632	.17234	.27293	.20406	.47503	.51352
#1	4.9405	4.9321	4.8536	4.9497	4.8857	9.4467	9.8254	.24414
#2	4.9420	4.9683	4.8702	4.9516	4.8738	9.4851	9.7598	.24593
#3	4.9517	4.9821	4.8892	4.9654	4.9004	9.4697	9.7356	.24657
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4124	24.653	1.0096	2.4392	1.2437	5.0303	2.4817	24.850
Stddev	.0088	.121	.0030	.0078	.0022	.0169	.0011	.195
%RSD	.36421	.49069	.29553	.31988	.18125	.33682	.04535	.78342
#1	2.4036	24.527	1.0061	2.4324	1.2431	5.0136	2.4804	24.662
#2	2.4123	24.665	1.0113	2.4375	1.2418	5.0298	2.4824	24.838
#3	2.4212	24.768	1.0113	2.4477	1.2462	5.0475	2.4822	25.051
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4574	1.2699	24.240	2.4640	2.5349	25.458	5.0185	5.0237
Stddev	.0102	.0013	.111	.0042	.0285	.111	.0086	.0044
%RSD	.41388	.09941	.45813	.16942	1.1227	.43573	.17217	.08819
#1	2.4470	1.2687	24.184	2.4622	2.5399	25.508	5.0201	5.0255
#2	2.4580	1.2712	24.169	2.4688	2.5043	25.330	5.0092	5.0186
#3	2.4673	1.2698	24.368	2.4610	2.5605	25.535	5.0263	5.0269
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8876	5.0944	4.8968	4.9966	4.9734	4.953	4.9144	F 2.1174
Stddev	.0170	.0255	.0103	.0172	.0225	.012	.0628	.0744
%RSD	.34705	.49972	.20995	.34350	.45240	.2316	1.2768	3.5120
#1	4.8684	5.0798	4.8892	4.9806	4.9687	4.943	4.9251	2.0328
#2	4.8943	5.0797	4.8927	5.0147	4.9537	4.949	4.8470	2.1724
#3	4.9003	5.1238	4.9085	4.9945	4.9979	4.965	4.9712	2.1470

Sample Name: CCV06 Acquired: 12/27/2018 18:04:45 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3371
Stddev	.3272
%RSD	14.000

#1	2.2384
#2	2.0706
#3	2.7023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.9	65766.	4712.5	96.061	3609.9
Stddev	4.8	83.	26.3	1.011	5.5
%RSD	.15341	.12631	.55806	1.0527	.15258

#1	3102.8	65695.	4701.9	95.702	3615.9
#2	3112.3	65857.	4742.4	97.203	3608.7
#3	3108.5	65746.	4693.1	95.278	3605.1

Sample Name: CCB06 Acquired: 12/27/2018 18:08:37 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00131	.00021	-.00005	-.00049	-.00012	-.00103
Stddev	.00075	.00071	.00122	.00191	.00016	.01248	.00035
%RSD	100.15	53.858	589.49	3776.2	33.006	10321.	33.992

#1	-.00010	.00108	-.00049	-.00199	-.00062	.00686	-.00133
#2	.00132	.00211	.00162	.00184	-.00031	.00731	-.00110
#3	.00102	.00075	-.00051	.00000	-.00053	-.01453	-.00065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00004	.00387	-.00032	-.00001	.00040	-.00395
Stddev	.00002	.00008	.00940	.00043	.00018	.00044	.00644
%RSD	20.934	184.48	242.98	134.85	2116.2	107.95	163.09

#1	-.00007	.00014	-.00698	.00009	-.00018	-.00006	-.01135
#2	-.00008	-.00002	.00911	-.00077	.00017	.00046	.00041
#3	-.00010	.00002	.00948	-.00027	-.00002	.00081	-.00092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.03320	.00054	-.00008	.26733	.00055	.00084
Stddev	.00002	.00217	.00030	.00036	.00444	.00017	.00005
%RSD	16.979	6.5248	56.246	477.46	1.6592	30.752	5.5883

#1	.00010	.03340	.00019	-.00017	.26633	.00036	.00080
#2	.00010	.03095	.00066	-.00038	.26348	.00066	.00083
#3	.00013	.03527	.00076	.00033	.27218	.00063	.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10153	.00018	.00536	-.00287	-.00184	.00164	-.00064
Stddev	.01686	.00009	.00873	.00122	.00044	.00068	.00087
%RSD	16.607	50.569	162.86	42.439	23.695	41.482	135.18

#1	.11811	.00013	.01272	-.00261	-.00190	.00226	.00034
#2	.10210	.00012	.00764	-.00420	-.00224	.00091	-.00097
#3	.08440	.00028	-.00428	-.00181	-.00137	.00176	-.00130

Sample Name: CCB06 Acquired: 12/27/2018 18:08:37 Type: Unk
 Method: P4-ICP2(v2686) 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	.00168	-.0006	.00021	F<.00000	F<.00000
Stddev	.00123	.0009	.00004	.36937	.41035
%RSD	72.933	147.8	19.389	53.285	144.40
#1	.00134	-.0015	.00016	-1.1197	-.31769
#2	.00066	-.0004	.00022	-.48040	-.67673
#3	.00304	.0002	.00024	-.47948	.14191
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.8	68668.	4762.9	101.11	4088.3
Stddev	9.0	160.	11.4	.83	11.0
%RSD	.27878	.23237	.23834	.82006	.26921
#1	3212.0	68739.	4758.3	101.11	4075.6
#2	3224.0	68779.	4754.6	101.94	4095.7
#3	3229.5	68485.	4775.9	100.28	4093.4

Sample Name: J6548-12 Acquired: 12/27/2018 18:12:46 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00397	-.00308	.01735	.00218	-.00154	.07853	.53360	.00013
Stddev	.00058	.00138	.00076	.00149	.00083	.00490	.00598	.00001
%RSD	14.714	44.626	4.3625	68.581	54.085	6.2391	1.1198	5.3144

#1	-.00397	-.00461	.01656	.00216	-.00063	.08296	.53816	.00013
#2	-.00338	-.00193	.01741	.00368	-.00227	.07935	.52684	.00014
#3	-.00455	-.00272	.01807	.00070	-.00172	.07327	.53582	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	14.788	.00415	.00210	.00698	.03966	.21532	1.0509
Stddev	.00005	.116	.00017	.00008	.00036	.00095	.00048	.0127
%RSD	8.5029	.78265	3.9800	3.7542	5.1805	2.4007	.22267	1.2084

#1	.00068	14.790	.00405	.00203	.00670	.04071	.21477	1.0427
#2	.00060	14.671	.00434	.00209	.00739	.03885	.21568	1.0444
#3	.00058	14.902	.00406	.00218	.00684	.03943	.21551	1.0655

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	-.00020	347.14	.00050	1.8128	1.1712	.00034	.08882
Stddev	.00032	.00015	2.95	.00014	.0453	.0170	.00010	.00530
%RSD	5.0562	75.910	.84837	27.735	2.4997	1.4492	30.625	5.9672

#1	.00672	-.00029	347.41	.00066	1.8634	1.1839	.00030	.09444
#2	.00609	-.00029	344.07	.00044	1.7760	1.1777	.00046	.08391
#3	.00631	-.00003	349.94	.00040	1.7989	1.1519	.00026	.08810

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59383	.66463	.00157	-.00197	.00254	.0027	.02449	3.1014
Stddev	.00233	.00295	.00026	.00108	.00151	.0012	.00008	.3982
%RSD	.39301	.44336	16.270	54.555	59.335	44.62	.33255	12.838

#1	.59426	.66798	.00129	-.00075	.00355	.0040	.02455	3.5075
#2	.59592	.66345	.00163	-.00237	.00081	.0019	.02440	3.0850
#3	.59131	.66245	.00179	-.00279	.00327	.0020	.02452	2.7116

Sample Name: J6548-12 Acquired: 12/27/2018 18:12:46 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-12 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0695
 Stddev .2152
 %RSD 20.116

#1 1.0069
 #2 1.3090
 #3 .89261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.1	62520.	4664.7	97.583	3515.2
Stddev	10.4	198.	29.3	2.357	21.6
%RSD	.35140	.31703	.62908	2.4155	.61498

#1	2958.1	62320.	4638.1	94.938	3496.8
#2	2967.3	62523.	4696.2	99.463	3509.9
#3	2978.9	62716.	4659.8	98.348	3539.0

Sample Name: J6548-13 Acquired: 12/27/2018 18:16:58 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	-.00269	.16860	.00314	.00433	.10090	.61824	-.00005
Stddev	.00163	.00029	.00107	.00247	.00097	.01111	.00343	.00005
%RSD	48.289	10.837	.63702	78.685	22.341	11.013	.55472	98.385

#1	-.00320	-.00251	.16896	.00114	.00418	.09359	.62219	.00001
#2	-.00508	-.00303	.16739	.00237	.00345	.11369	.61645	-.00008
#3	-.00183	-.00253	.16944	.00590	.00537	.09542	.61607	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03136	32.365	.23319	.00247	.03692	.24880	.25362	.81291
Stddev	.00012	.103	.00141	.00004	.00038	.00055	.00065	.01826
%RSD	.37664	.31750	.60487	1.7896	1.0330	.21922	.25478	2.2467

#1	.03123	32.326	.23191	.00246	.03714	.24913	.25338	.79510
#2	.03139	32.481	.23470	.00251	.03648	.24910	.25435	.83159
#3	.03146	32.287	.23295	.00243	.03714	.24817	.25312	.81205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00513	-.00028	335.42	.00030	12.916	1.8629	-.00096	.12683
Stddev	.00035	.00016	.70	.00017	.114	.0284	.00016	.00376
%RSD	6.8439	56.355	.20807	56.932	.88522	1.5219	16.952	2.9641

#1	.00500	-.00010	335.15	.00029	12.921	1.8723	-.00113	.12435
#2	.00552	-.00040	336.21	.00047	13.028	1.8311	-.00092	.13116
#3	.00485	-.00034	334.89	.00013	12.799	1.8854	-.00081	.12500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0416	.60604	.00190	-.00153	.00473	.0112	.04764	3.3674
Stddev	.0035	.00555	.00033	.00206	.00145	.0002	.00005	.2004
%RSD	.33324	.91631	17.215	134.63	30.651	1.572	.10388	5.9500

#1	1.0411	.60558	.00228	.00006	.00639	.0112	.04760	3.2709
#2	1.0454	.61181	.00171	-.00386	.00404	.0113	.04770	3.2336
#3	1.0385	.60074	.00171	-.00080	.00375	.0110	.04762	3.5978

Sample Name: J6548-13 Acquired: 12/27/2018 18:16:58 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-13 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4608
Stddev	.2815
%RSD	19.269

#1	1.4478
#2	1.7485
#3	1.1860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.4	62489.	4646.9	97.278	3492.9
Stddev	7.3	129.	23.4	.999	17.8
%RSD	.24768	.20575	.50427	1.0274	.51079

#1	2954.6	62549.	4621.1	96.914	3472.6
#2	2963.5	62342.	4652.7	96.512	3500.4
#3	2969.1	62577.	4666.9	98.409	3505.8

Sample Name: J6548-14 Acquired: 12/27/2018 18:21:08 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00312	-.00192	.00568	.00259	-.00106	.02491	.25835	-.00007
Stddev	.00078	.00069	.00028	.00239	.00108	.00803	.00074	.00008
%RSD	24.960	35.740	4.9725	92.409	101.54	32.256	.28621	103.27

#1	-.00300	-.00260	.00578	.00024	-.00168	.01563	.25833	.00001
#2	-.00396	-.00192	.00590	.00250	-.00169	.02932	.25910	-.00011
#3	-.00241	-.00123	.00537	.00501	.00018	.02977	.25763	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	1.3859	.00083	.00035	.00373	.04876	.05028	.15798
Stddev	.00006	.0164	.00020	.00004	.00042	.00196	.00028	.02264
%RSD	3.8570	1.1849	24.407	12.266	11.387	4.0097	.54978	14.330

#1	.00150	1.3910	.00060	.00040	.00405	.05061	.05000	.13439
#2	.00139	1.3676	.00100	.00032	.00325	.04896	.05056	.16002
#3	.00146	1.3992	.00088	.00033	.00390	.04671	.05028	.17953

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	-.00031	321.54	.00036	.82358	.45007	-.00004	.04079
Stddev	.00018	.00041	.66	.00080	.00833	.00649	.00015	.00502
%RSD	5.5749	133.40	.20425	222.14	1.0117	1.4419	367.96	12.301

#1	.00328	-.00069	322.28	.00059	.82107	.44325	-.00014	.04389
#2	.00347	-.00036	321.28	.00102	.81679	.45618	-.00010	.03500
#3	.00310	.00013	321.05	-.00053	.83288	.45077	.00013	.04348

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24029	.08853	.00149	-.00255	.00404	-.0014	.00804	3.0877
Stddev	.00126	.00230	.00032	.00034	.00137	.0005	.00005	.2359
%RSD	.52409	2.5986	21.663	13.314	33.880	38.25	.65548	7.6383

#1	.23931	.09010	.00156	-.00287	.00258	-.0020	.00803	3.3490
#2	.24171	.08960	.00114	-.00257	.00530	-.0011	.00799	3.0234
#3	.23986	.08589	.00178	-.00220	.00425	-.0010	.00809	2.8906

Sample Name: J6548-14 Acquired: 12/27/2018 18:21:08 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-14 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .81639
 Stddev .70383
 %RSD 86.213

#1 .02781
 #2 1.3809
 #3 1.0404

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2974.7	62654.	4679.6	97.914	3543.1
Stddev	8.6	194.	27.4	1.061	3.8
%RSD	.28752	.30899	.58497	1.0841	.10663

#1	2965.4	62486.	4669.3	98.008	3540.9
#2	2976.3	62609.	4658.9	98.925	3547.5
#3	2982.2	62866.	4710.6	96.808	3541.0

Sample Name: J6548-15 Acquired: 12/27/2018 18:25:22 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	-.00104	.00268	.00270	-.00157	.01487	.20757	-.00013
Stddev	.00125	.00129	.00073	.00095	.00245	.01180	.00036	.00001
%RSD	43.714	124.14	27.201	35.129	156.17	79.347	.17404	4.4507

#1	-.00397	.00028	.00221	.00377	-.00324	.01633	.20774	-.00013
#2	-.00151	-.00230	.00232	.00198	-.00269	.00241	.20716	-.00013
#3	-.00313	-.00110	.00353	.00234	.00124	.02587	.20782	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	1.3979	.00194	-.00017	.00159	.03032	.01171	.11588
Stddev	.00007	.0100	.00036	.00017	.00026	.00327	.00006	.01771
%RSD	32.359	.71231	18.420	98.725	16.652	10.798	.48154	15.284

#1	.00024	1.3928	.00196	.00002	.00189	.03301	.01177	.13581
#2	.00015	1.3916	.00228	-.00025	.00145	.03129	.01166	.10991
#3	.00030	1.4094	.00157	-.00027	.00142	.02667	.01169	.10193

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	-.00024	322.06	.00012	.43194	.41102	-.00000	.03296
Stddev	.00035	.00028	5.51	.00009	.00967	.00583	.00006	.00395
%RSD	10.799	115.04	1.7119	72.999	2.2387	1.4187	3151.6	11.972

#1	.00338	-.00004	325.23	.00009	.42248	.41478	-.00006	.02848
#2	.00345	-.00012	325.26	.00022	.43155	.41397	.00006	.03449
#3	.00281	-.00057	315.69	.00005	.44180	.40430	-.00001	.03591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18770	.05677	.00103	-.00028	.00231	-.0022	.00461	2.4444
Stddev	.00281	.00157	.00009	.00096	.00051	.0010	.00001	.2011
%RSD	1.4975	2.7640	8.8517	348.18	21.876	44.89	.12831	8.2284

#1	.18562	.05636	.00107	.00075	.00194	-.0032	.00460	2.6761
#2	.18658	.05850	.00093	-.00116	.00211	-.0012	.00461	2.3154
#3	.19090	.05545	.00110	-.00041	.00288	-.0021	.00461	2.3416

Sample Name: J6548-15 Acquired: 12/27/2018 18:25:22 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-15 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.83551
Stddev	.19032
%RSD	22.779

#1	.63153
#2	1.0083
#3	.86666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.8	63736.	4618.8	98.789	3581.2
Stddev	12.7	110.	25.3	1.846	13.5
%RSD	.42010	.17316	.54718	1.8689	.37782

#1	2998.2	63614.	4594.9	100.43	3566.1
#2	3018.8	63764.	4616.2	99.142	3592.3
#3	3021.3	63829.	4645.2	96.792	3585.3

Sample Name: J6548-16 Acquired: 12/27/2018 18:29:38 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00401	.02981	.00206	.03870	.00363	.09588	-.00007
Stddev	.00124	.00072	.00003	.00259	.00196	.00625	.00129	.00003
%RSD	62.976	18.070	.11708	125.79	5.0673	172.20	1.3482	38.824
#1	-.00153	-.00393	.02984	-.00048	.04052	.00856	.09677	-.00008
#2	-.00100	-.00333	.02977	.00470	.03897	.00574	.09646	-.00010
#3	-.00336	-.00477	.02982	.00196	.03662	-.00340	.09440	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01276	6.0141	.00047	.00656	.00059	3.0104	.12745	.67256
Stddev	.00014	.0344	.00014	.00014	.00013	.0210	.00045	.04083
%RSD	1.0632	.57191	29.305	2.1021	21.867	.69771	.35190	6.0704
#1	.01270	6.0401	.00039	.00662	.00046	2.9932	.12694	.66983
#2	.01291	6.0271	.00039	.00666	.00058	3.0042	.12779	.63317
#3	.01266	5.9751	.00063	.00641	.00072	3.0338	.12763	.71468
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00387	.00037	319.90	.00026	F 54.962	1.0120	-.00836	1.8115
Stddev	.00027	.00006	.66	.00027	.643	.0055	.00038	.0064
%RSD	7.0139	15.316	.20763	104.46	1.1702	.54435	4.5068	.35419
#1	.00406	.00037	320.32	.00056	54.234	1.0162	-.00799	1.8160
#2	.00399	.00032	319.14	.00005	55.454	1.0058	-.00836	1.8042
#3	.00356	.00043	320.24	.00016	55.199	1.0141	-.00874	1.8145
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0727	1.0558	-.00074	-.00164	.00525	.0017	.16029	2.8385
Stddev	.0674	.0040	.00036	.00124	.00115	.0025	.00054	.1593
%RSD	.83525	.38229	47.800	75.913	21.871	145.5	.33832	5.6129
#1	8.0236	1.0586	-.00065	-.00073	.00392	.0044	.16086	3.0058
#2	8.1496	1.0575	-.00114	-.00113	.00589	.0014	.16022	2.8213
#3	8.0448	1.0511	-.00045	-.00305	.00593	-.0006	.15978	2.6885

Sample Name: J6548-16 Acquired: 12/27/2018 18:29:38 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-16 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.82630
Stddev	.62371
%RSD	75.482

#1	.11347
#2	1.0937
#3	1.2717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.2	63557.	4717.0	99.550	3562.6
Stddev	16.7	77.	43.6	.303	32.2
%RSD	.55460	.12091	.92522	.30425	.90347

#1	3001.9	63468.	4670.3	99.883	3582.5
#2	2985.6	63599.	4724.1	99.475	3525.4
#3	3018.9	63603.	4756.7	99.292	3579.9

Sample Name: J6548-17 Acquired: 12/27/2018 18:34:07 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-17 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	-.00233	.02728	.00274	-.00087	.04152	.36211	-.00008
Stddev	.00025	.00144	.00009	.00106	.00063	.00212	.00112	.00005
%RSD	8.5236	61.980	.33606	38.640	73.088	5.0968	.31046	58.332

#1	-.00301	-.00336	.02738	.00164	-.00102	.03913	.36286	-.00011
#2	-.00265	-.00068	.02723	.00284	-.00141	.04316	.36266	-.00003
#3	-.00313	-.00294	.02722	.00375	-.00017	.04228	.36082	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	10.159	.01433	.00048	.00602	.32093	.05933	.24536
Stddev	.00010	.080	.00008	.00016	.00049	.00314	.00038	.02463
%RSD	1.4640	.78290	.53893	33.335	8.2047	.97916	.63837	10.037

#1	.00648	10.100	.01440	.00052	.00562	.31871	.05901	.25455
#2	.00666	10.127	.01435	.00030	.00657	.32453	.05975	.21746
#3	.00652	10.249	.01425	.00061	.00586	.31956	.05923	.26407

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	-.00024	347.07	.00044	2.4101	.74093	-.00035	.06019
Stddev	.00013	.00011	3.63	.00036	.0416	.02809	.00021	.00393
%RSD	3.1845	46.194	1.0468	82.599	1.7263	3.7918	61.314	6.5306

#1	.00406	-.00032	346.98	.00007	2.4289	.72601	-.00022	.06427
#2	.00381	-.00030	350.74	.00045	2.4389	.72345	-.00023	.05987
#3	.00397	-.00011	343.48	.00079	2.3624	.77334	-.00059	.05643

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31112	.13857	.00155	-.00166	.00395	.0004	.02308	2.5040
Stddev	.00934	.00197	.00030	.00120	.00033	.0015	.00011	.4092
%RSD	3.0013	1.4190	19.645	72.234	8.2704	395.6	.49276	16.343

#1	.30034	.13910	.00190	-.00151	.00362	.0018	.02308	2.5493
#2	.31625	.14022	.00135	-.00294	.00427	.0003	.02297	2.8887
#3	.31677	.13639	.00140	-.00055	.00396	-.0011	.02319	2.0740

Sample Name: J6548-17 Acquired: 12/27/2018 18:34:07 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-17 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.77007
Stddev	.17128
%RSD	22.242

#1	.64058
#2	.70536
#3	.96429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.2	64005.	4763.1	99.479	3596.8
Stddev	19.7	220.	32.4	1.820	37.6
%RSD	.64645	.34343	.68090	1.8298	1.0440

#1	3062.5	63944.	4746.1	98.430	3640.0
#2	3025.4	63823.	4742.8	98.426	3578.2
#3	3032.7	64249.	4800.5	101.58	3572.2

Sample Name: J6548-18 Acquired: 12/27/2018 18:38:20 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00311	-.00450	.06996	.00197	.00097	.08307	.48958	.00003
Stddev	.00192	.00061	.00074	.00322	.00098	.01515	.00358	.00004
%RSD	61.711	13.564	1.0551	163.52	100.97	18.232	.73126	106.88

#1	-.00529	-.00466	.06986	.00568	-.00008	.10055	.49234	.00001
#2	-.00164	-.00502	.07075	.00016	.00186	.07485	.48554	.00002
#3	-.00241	-.00383	.06928	.00006	.00114	.07381	.49087	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02749	57.018	.00823	.00292	.01644	.11596	.11458	1.2827
Stddev	.00019	.212	.00063	.00004	.00024	.00068	.00153	.0397
%RSD	.67577	.37123	7.6227	1.4918	1.4677	.58938	1.3312	3.0976

#1	.02728	57.025	.00802	.00289	.01652	.11675	.11318	1.2890
#2	.02757	56.803	.00894	.00291	.01617	.11557	.11620	1.3189
#3	.02763	57.226	.00774	.00297	.01663	.11556	.11435	1.2402

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00966	-.00048	348.59	.00044	9.8337	.85192	-.00065	.08920
Stddev	.00028	.00029	2.99	.00037	.0575	.03390	.00006	.00269
%RSD	2.8892	60.593	.85716	83.715	.58487	3.9791	9.5484	3.0121

#1	.00979	-.00081	347.40	.00080	9.8968	.86411	-.00065	.09193
#2	.00986	-.00030	346.39	.00044	9.8201	.81361	-.00072	.08656
#3	.00934	-.00033	351.99	.00007	9.7842	.87803	-.00059	.08910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81177	.97186	.00176	-.00443	.00484	.0021	.13308	3.4583
Stddev	.00648	.00791	.00006	.00147	.00177	.0018	.00056	.6261
%RSD	.79844	.81396	3.2325	33.075	36.500	85.83	.42144	18.104

#1	.80535	.97411	.00182	-.00593	.00474	.0005	.13341	3.2995
#2	.81832	.96306	.00177	-.00300	.00666	.0018	.13243	4.1486
#3	.81165	.97840	.00170	-.00437	.00313	.0041	.13340	2.9270

Sample Name: J6548-18 Acquired: 12/27/2018 18:38:20 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-18 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1558
Stddev	.2416
%RSD	20.901

#1	1.4348
#2	1.0152
#3	1.0175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.3	62689.	4734.9	98.625	3487.8
Stddev	2.6	955.	31.0	.665	16.1
%RSD	.08774	1.5232	.65451	.67433	.46126

#1	2991.0	63097.	4703.1	97.926	3506.3
#2	2985.8	61598.	4765.0	98.700	3476.7
#3	2988.1	63373.	4736.5	99.250	3480.5

Sample Name: J6505-16 Acquired: 12/27/2018 18:42:31 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-64(0-23)- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00340	.00135	.00221	-.00068	.23287	.06786	-.00004
Stddev	.00078	.00066	.00039	.00288	.00117	.01148	.00066	.00001
%RSD	83.190	19.422	28.696	130.24	172.50	4.9300	.97308	39.371

#1	-.00181	-.00340	.00140	-.00102	.00048	.22613	.06785	-.00005
#2	-.00068	-.00275	.00172	.00452	-.00185	.22636	.06853	-.00003
#3	-.00032	-.00407	.00095	.00313	-.00066	.24613	.06721	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	6.4965	.00062	.00310	.00425	.96327	.35359	2.9435
Stddev	.00009	.0235	.00044	.00021	.00040	.01272	.01040	.0465
%RSD	81.486	.36159	71.534	6.6072	9.4502	1.3203	2.9420	1.5800

#1	-.00010	6.5170	.00112	.00326	.00455	.97780	.35886	2.9968
#2	-.00020	6.4709	.00031	.00287	.00440	.95412	.34161	2.9222
#3	-.00003	6.5018	.00042	.00318	.00379	.95790	.36031	2.9114

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00513	-.00010	330.23	.00292	.02574	2.5825	.00031	.02889
Stddev	.00019	.00033	2.25	.00023	.00073	.0345	.00004	.00272
%RSD	3.6260	333.57	.68106	7.8464	2.8173	1.3349	12.978	9.4096

#1	.00498	.00028	332.81	.00285	.02657	2.6066	.00035	.02614
#2	.00533	-.00027	328.69	.00274	.02536	2.5430	.00028	.02895
#3	.00507	-.00031	329.19	.00318	.02528	2.5979	.00029	.03158

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1034	1.3137	.00147	.00096	.00491	.0352	.06888	1.9172
Stddev	.0035	.0257	.00055	.00078	.00082	.0003	.00012	.9776
%RSD	.31754	1.9603	37.503	80.962	16.787	.7305	.17903	50.992

#1	1.1059	1.3389	.00089	.00170	.00418	.0353	.06901	2.2338
#2	1.0994	1.2874	.00154	.00102	.00580	.0354	.06877	.82053
#3	1.1049	1.3147	.00198	.00015	.00474	.0349	.06885	2.6973

Sample Name: J6505-16 Acquired: 12/27/2018 18:42:31 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-64(0-23)- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1978
Stddev	.5253
%RSD	43.856

#1	1.7813
#2	.76256
#3	1.0496

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3031.8	64835.	4765.6	103.69	3602.8
Stddev	12.0	1718.	40.2	.44	18.9
%RSD	.39605	2.6499	.84451	.42549	.52501

#1	3027.2	63895.	4719.5	103.18	3589.0
#2	3022.8	66818.	4783.9	103.92	3595.0
#3	3045.4	63792.	4793.5	103.98	3624.3

Sample Name: J6505-18 Acquired: 12/27/2018 18:46:45 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-65(0-12)- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	-.00198	.00116	-.00072	-.00262	.02163	.10095	-.00006
Stddev	.00077	.00036	.00033	.00110	.00048	.01402	.00125	.00007
%RSD	51.986	18.060	28.006	152.89	18.346	64.839	1.2355	118.95

#1	-.00128	-.00186	.00150	.00005	-.00223	.00574	.10232	.00000
#2	-.00084	-.00238	.00085	-.00023	-.00248	.02689	.09989	-.00004
#3	-.00234	-.00169	.00114	-.00197	-.00316	.03226	.10063	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	9.9458	.00087	.00259	.00402	.01017	.31750	1.6302
Stddev	.00003	.0647	.00045	.00015	.00025	.00617	.00059	.0255
%RSD	44.861	.65049	52.018	5.9447	6.3330	60.687	.18680	1.5619

#1	-.00005	9.9602	.00099	.00271	.00388	.01729	.31683	1.6331
#2	-.00004	9.8751	.00037	.00265	.00387	.00655	.31793	1.6033
#3	-.00009	10.002	.00126	.00241	.00432	.00666	.31775	1.6540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	-.00038	297.06	.00031	.01952	1.4749	-.00015	.00746
Stddev	.00045	.00039	.33	.00015	.00010	.0244	.00017	.00903
%RSD	14.057	100.79	.10954	50.679	.52332	1.6519	114.76	121.04

#1	.00292	-.00012	297.37	.00017	.01962	1.5028	-.00034	.00425
#2	.00370	-.00020	297.09	.00027	.01953	1.4577	-.00007	.01766
#3	.00294	-.00083	296.72	.00047	.01942	1.4642	-.00003	.00048

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57052	.42294	.00189	-.00238	.00381	.0041	.05058	2.2337
Stddev	.00361	.00406	.00028	.00020	.00125	.0006	.00011	.2981
%RSD	.63322	.96061	14.704	8.3821	32.814	13.58	.22038	13.344

#1	.56649	.42740	.00184	-.00237	.00243	.0040	.05058	2.3271
#2	.57348	.42198	.00219	-.00258	.00413	.0047	.05047	1.9001
#3	.57158	.41944	.00164	-.00218	.00486	.0036	.05069	2.4738

Sample Name: J6505-18 Acquired: 12/27/2018 18:46:45 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-65(0-12)- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.98894
Stddev	.12125
%RSD	12.261

#1	.85374
#2	1.0881
#3	1.0250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.6	63822.	4716.8	98.919	3601.4
Stddev	10.2	27.	24.7	1.408	15.7
%RSD	.33767	.04285	.52336	1.4230	.43698

#1	3020.5	63831.	4690.5	97.458	3585.0
#2	3027.6	63791.	4739.4	99.033	3603.0
#3	3040.7	63843.	4720.5	100.27	3616.3

Sample Name: J6533-01 Acquired: 12/27/2018 18:51:00 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 22949 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	-.00295	.00324	.00312	-.00109	.07947	.19624	.00017
Stddev	.00165	.00128	.00079	.00408	.00162	.00668	.00101	.00003
%RSD	77.401	43.457	24.418	130.89	149.36	8.4026	.51222	15.141

#1	-.00230	-.00441	.00247	-.00131	.00035	.07208	.19657	.00014
#2	-.00040	-.00240	.00319	.00674	-.00285	.08508	.19704	.00016
#3	-.00369	-.00203	.00405	.00393	-.00076	.08123	.19511	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	34.373	.00087	.00850	.00018	2.3106	.44180	7.1763
Stddev	.00002	.147	.00029	.00024	.00046	.0420	.00280	.0141
%RSD	36.853	.42807	33.197	2.8223	256.80	1.8187	.63325	.19711

#1	.00004	34.211	.00115	.00849	.00010	2.3419	.43889	7.1925
#2	.00008	34.408	.00090	.00874	.00068	2.2628	.44447	7.1703
#3	.00005	34.499	.00057	.00826	-.00024	2.3271	.44203	7.1661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00998	.00001	346.78	.00045	.97140	4.0159	-.00016	.06934
Stddev	.00005	.00016	4.73	.00066	.01759	.0172	.00006	.00498
%RSD	.49002	1525.4	1.3635	148.91	1.8113	.42730	37.438	7.1808

#1	.00998	-.00017	347.53	-.00032	.99171	4.0356	-.00017	.06887
#2	.00993	.00006	351.09	.00076	.96111	4.0038	-.00009	.06461
#3	.01003	.00014	341.72	.00090	.96137	4.0084	-.00021	.07454

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9739	1.8227	.00104	-.00101	.01984	.0434	.12772	2.8034
Stddev	.0187	.0252	.00065	.00090	.00159	.0009	.00062	.4918
%RSD	.94595	1.3806	62.521	88.658	8.0187	1.974	.48288	17.543

#1	1.9643	1.8452	.00167	-.00072	.02089	.0444	.12702	2.2537
#2	1.9620	1.8276	.00037	-.00030	.02062	.0431	.12819	3.2016
#3	1.9954	1.7955	.00108	-.00202	.01801	.0428	.12795	2.9549

Sample Name: J6533-01 Acquired: 12/27/2018 18:51:00 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 22949 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6441
Stddev .3689
%RSD 22.438

#1 1.8846
#2 1.8282
#3 1.2193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.7	63193.	4750.9	100.59	3518.2
Stddev	10.7	512.	35.5	1.97	17.1
%RSD	.35785	.80955	.74679	1.9590	.48542

#1	2987.8	63668.	4727.8	98.317	3527.7
#2	3001.2	62651.	4733.1	101.69	3528.4
#3	2980.1	63261.	4791.7	101.77	3498.5

Sample Name: CCV07 Acquired: 12/27/2018 18:55:11 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9272	4.9393	4.8669	4.9471	4.9111	9.5297	9.7376	.24715
Stddev	.0087	.0095	.0114	.0122	.0057	.0739	.0547	.00037
%RSD	.17728	.19209	.23321	.24615	.11564	.77573	.56187	.14913
#1	4.9273	4.9474	4.8779	4.9566	4.9176	9.6059	9.7600	.24758
#2	4.9359	4.9417	4.8552	4.9514	4.9089	9.5250	9.6753	.24692
#3	4.9185	4.9289	4.8676	4.9334	4.9069	9.4583	9.7776	.24696
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4284	24.672	1.0028	2.4369	1.2408	5.0865	2.4998	24.857
Stddev	.0049	.144	.0017	.0070	.0033	.0530	.0022	.136
%RSD	.20311	.58329	.17257	.28623	.26649	1.0424	.08635	.54835
#1	2.4338	24.814	1.0048	2.4445	1.2443	5.0519	2.5023	24.710
#2	2.4241	24.526	1.0015	2.4308	1.2401	5.0601	2.4982	24.979
#3	2.4273	24.678	1.0022	2.4354	1.2378	5.1476	2.4989	24.881
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4461	1.2482	24.424	2.4697	2.5568	24.999	4.9878	4.9836
Stddev	.0084	.0054	.077	.0046	.0428	.085	.0121	.0383
%RSD	.34192	.43512	.31587	.18772	1.6740	.33928	.24199	.76900
#1	2.4557	1.2545	24.443	2.4716	2.5457	24.913	4.9948	4.9517
#2	2.4409	1.2449	24.339	2.4730	2.5206	25.002	4.9948	5.0261
#3	2.4416	1.2452	24.489	2.4644	2.6040	25.082	4.9739	4.9729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8399	5.0045	4.8912	4.9792	4.9505	4.926	4.8906	F 1.6653
Stddev	.0167	.0301	.0103	.0276	.0156	.007	.0094	.2244
%RSD	.34456	.60104	.21033	.55449	.31443	.1413	.19224	13.474
#1	4.8591	5.0105	4.9029	4.9660	4.9522	4.934	4.8801	1.9110
#2	4.8293	4.9719	4.8835	5.0110	4.9341	4.922	4.8982	1.4714
#3	4.8312	5.0311	4.8873	4.9607	4.9651	4.921	4.8936	1.6134

Sample Name: CCV07 Acquired: 12/27/2018 18:55:11 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4455
Stddev	.3543
%RSD	14.486

#1	2.8435
#2	2.3282
#3	2.1648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.4	66776.	4809.4	96.359	3658.3
Stddev	9.9	161.	26.0	1.466	12.1
%RSD	.31664	.24081	.53960	1.5212	.33196

#1	3130.4	66601.	4798.8	96.636	3645.6
#2	3133.1	66811.	4838.9	97.666	3659.6
#3	3148.8	66917.	4790.4	94.774	3669.8

Sample Name: CCB07 Acquired: 12/27/2018 18:59:03 Type: Unk
Method: P4-ICP2(v2686) 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	.00188	.00029	-.00028	.00021	.00064	-.00104
Stddev	.00154	.00088	.00028	.00169	.00226	.00029	.00073
%RSD	212.40	46.848	97.527	608.81	1099.8	45.435	70.096

#1	.00071	.00227	.00042	-.00189	.00027	.00073	-.00091
#2	.00228	.00250	.00049	.00148	-.00209	.00087	-.00183
#3	-.00081	.00087	-.00003	-.00043	.00243	.00031	-.00039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00009	.00743	-.00017	-.00007	.00037	-.00370
Stddev	.00007	.00006	.01197	.00010	.00007	.00024	.00460
%RSD	158.07	67.765	161.20	62.387	103.80	63.587	124.40

#1	-.00009	.00002	.00744	-.00005	-.00001	.00061	.00088
#2	.00003	.00014	-.00455	-.00025	-.00005	.00013	-.00366
#3	-.00007	.00011	.01939	-.00020	-.00015	.00039	-.00833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01372	.00070	-.00007	.29836	.00049	.00125
Stddev	.00002	.00450	.00048	.00045	.00377	.00035	.00004
%RSD	28.050	32.760	68.027	649.55	1.2629	71.774	3.1185

#1	.00011	.01208	.00060	.00043	.30207	.00030	.00129
#2	.00006	.01028	.00122	-.00020	.29848	.00028	.00121
#3	.00008	.01881	.00028	-.00043	.29454	.00090	.00125

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10607	.00000	.00845	-.00444	-.00221	.00165	-.00072
Stddev	.01828	.00019	.00269	.00034	.00143	.00019	.00073
%RSD	17.229	5809.2	31.881	7.5560	64.798	11.315	101.41

#1	.12492	.00018	.01045	-.00446	-.00159	.00185	-.00156
#2	.08842	.00003	.00538	-.00477	-.00385	.00148	-.00041
#3	.10488	-.00020	.00951	-.00410	-.00119	.00162	-.00020

Sample Name: CCB07 Acquired: 12/27/2018 18:59:03 Type: Unk
 Method: P4-ICP2(v2686) 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	.00120	-.0006	.00017	F<.00000	F .10865
Stddev	.00120	.0005	.00008	.39697	.26401
%RSD	99.830	73.47	46.607	20.593	242.98

#1	.00201	-.0004	.00023	-2.3795	-.01399
#2	-.00018	-.0003	.00020	-1.7685	-.07173
#3	.00176	-.0011	.00008	-1.6350	.41168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3280.3	70092.	4804.0	102.55	4178.5
Stddev	17.1	319.	8.4	1.13	20.7
%RSD	.51983	.45447	.17423	1.1061	.49503

#1	3264.8	70430.	4808.6	101.24	4159.0
#2	3277.6	70048.	4809.0	103.26	4176.3
#3	3298.6	69798.	4794.3	103.15	4200.2

Sample Name: J6550-11 Acquired: 12/27/2018 19:03:13 Type: Unk
Method: P4-ICP2(v2686) 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	.07565	-.00513	22.044	.01996	.02440	69.381	2.9285
Stddev	.00102	.00113	.109	.00344	.00161	.217	.0280
%RSD	1.3419	21.962	.49475	17.231	6.6145	.31289	.95588

#1	.07682	-.00587	22.170	.02097	.02618	69.156	2.9526
#2	.07515	-.00569	21.980	.02277	.02304	69.589	2.8978
#3	.07498	-.00384	21.982	.01612	.02397	69.398	2.9351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00520	.00854	105.04	.22865	.06134	1.1865	121.33
Stddev	.00002	.00024	.86	.00084	.00038	.0034	1.98
%RSD	.47721	2.7662	.81409	.36874	.62300	.28227	1.6323

#1	.00523	.00842	105.71	.22917	.06176	1.1899	123.54
#2	.00520	.00881	104.08	.22767	.06102	1.1864	119.72
#3	.00518	.00839	105.33	.22910	.06125	1.1832	120.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5949	46.930	.15921	.01232	2.7950	.25888	5.2169
Stddev	.0073	.441	.00076	.00016	.0291	.00110	.0803
%RSD	.27970	.93880	.48020	1.3133	1.0413	.42404	1.5382

#1	2.5865	47.214	.16009	.01249	2.8207	.26014	5.3000
#2	2.5990	46.422	.15873	.01217	2.7634	.25836	5.1398
#3	2.5992	47.153	.15881	.01229	2.8009	.25813	5.2110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9942	.01387	.02537	2.5487	4.2863	.17572	1.9135
Stddev	.0612	.00024	.01028	.0100	.0494	.00118	.0045
%RSD	.61184	1.7457	40.524	.39207	1.1521	.67373	.23585

#1	10.050	.01403	.02622	2.5588	4.2781	.17597	1.9184
#2	9.9286	.01400	.01469	2.5487	4.2415	.17443	1.9096
#3	10.005	.01359	.03519	2.5388	4.3393	.17676	1.9124

Sample Name: J6550-11 Acquired: 12/27/2018 19:03:13 Type: Unk
Method: P4-ICP2(v2686) 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	.09251	F 11.70	.82774	<.00000	F<.00000
Stddev	.00022	.05	.00773	.65533	.60104
%RSD	.23655	.4564	.93362	23.782	1.3603
#1	.09276	11.76	.83351	-3.5122	-43.603
#2	.09238	11.65	.81896	-2.3878	-44.143
#3	.09238	11.68	.83076	-2.3668	-44.803
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.7	74016.	5469.2	100.89	3667.5
Stddev	15.7	218.	50.5	1.53	20.4
%RSD	.45449	.29402	.92428	1.5183	.55515
#1	3448.5	74266.	5436.2	99.219	3646.0
#2	3462.6	73873.	5527.4	102.22	3669.8
#3	3479.9	73908.	5443.9	101.24	3686.5

Sample Name: J6550-12 Acquired: 12/27/2018 19:07:03 Type: Unk
Method: P4-ICP2(v2686) 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	.13927	-.00217	3.3353	.01714	.01188	57.265	1.0290
Stddev	.00051	.00112	.0031	.00254	.00063	.238	.0163
%RSD	.36438	51.705	.09216	14.812	5.3246	.41545	1.5816

#1	.13976	-.00270	3.3335	.01539	.01170	57.009	1.0326
#2	.13931	-.00088	3.3388	.02005	.01259	57.479	1.0432
#3	.13875	-.00294	3.3335	.01597	.01136	57.308	1.0112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00446	.00669	64.348	.23688	.04143	.50748	132.90
Stddev	.00005	.00019	1.071	.00089	.00025	.00081	3.10
%RSD	1.1982	2.8771	1.6649	.37536	.61038	.15890	2.3292

#1	.00446	.00677	64.816	.23638	.04147	.50825	132.14
#2	.00451	.00647	65.106	.23790	.04166	.50756	136.31
#3	.00441	.00682	63.122	.23634	.04116	.50664	130.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4423	16.542	.10070	.01201	.70433	.21710	1.9668
Stddev	.0056	.146	.00069	.00015	.01146	.00136	.0442
%RSD	.23138	.88138	.68319	1.2710	1.6265	.62488	2.2500

#1	2.4451	16.574	.10148	.01188	.70609	.21566	1.9600
#2	2.4358	16.669	.10042	.01217	.71480	.21728	2.0140
#3	2.4459	16.383	.10020	.01197	.69209	.21836	1.9263

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4654	.00628	.01984	5.7723	3.0270	.07603	.91539
Stddev	.0269	.00026	.00858	.0278	.0711	.00059	.00315
%RSD	.49215	4.1884	43.216	.48173	2.3485	.77308	.34461

#1	5.4619	.00600	.02014	5.7667	3.0344	.07662	.91654
#2	5.4939	.00632	.02826	5.8025	3.0942	.07544	.91780
#3	5.4404	.00652	.01112	5.7477	2.9525	.07603	.91182

Sample Name: J6550-12 Acquired: 12/27/2018 19:07:03 Type: Unk
Method: P4-ICP2(v2686) 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	.06272	F 11.96	.11579	<.00000	F<.00000
Stddev	.00137	.02	.00194	.22609	1.5227
%RSD	2.1920	.1972	1.6781	11.684	2.6262
#1	.06415	11.95	.11771	-2.0547	-57.235
#2	.06259	11.99	.11585	-2.0763	-59.733
#3	.06141	11.94	.11382	-1.6743	-56.975
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.4	72350.	5202.9	103.36	3793.7
Stddev	2.9	83.	87.3	2.31	4.0
%RSD	.08649	.11461	1.6784	2.2313	.10540
#1	3341.2	72414.	5171.9	103.74	3794.8
#2	3345.7	72256.	5135.2	100.89	3789.2
#3	3340.4	72380.	5301.4	105.45	3797.0

Sample Name: J6550-13 Acquired: 12/27/2018 19:10:55 Type: Unk
Method: P4-ICP2(v2686) 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	.06101	-.00119	6.1398	.02220	.02537	54.871	.74782
Stddev	.00175	.00086	.0460	.00424	.00074	.240	.00474
%RSD	2.8722	71.871	.74888	19.094	2.9325	.43782	.63430

#1	.06240	-.00112	6.1508	.01733	.02579	54.918	.75330
#2	.05904	-.00038	6.0893	.02505	.02451	54.611	.74509
#3	.06157	-.00209	6.1793	.02422	.02581	55.084	.74508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	.00331	21.992	.15966	.03194	.38017	181.21
Stddev	.00007	.00038	.133	.00142	.00056	.00333	4.20
%RSD	1.7560	11.618	.60508	.89002	1.7447	.87464	2.3189

#1	.00421	.00365	22.123	.16071	.03179	.38307	179.42
#2	.00418	.00340	21.857	.15804	.03146	.37655	178.20
#3	.00407	.00289	21.995	.16023	.03255	.38090	186.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6531	11.076	.10316	.01076	.56573	.24565	1.4690
Stddev	.0096	.092	.00055	.00060	.02311	.00208	.0349
%RSD	.58245	.82957	.53288	5.5869	4.0851	.84488	2.3765

#1	1.6523	11.166	.10308	.01054	.58462	.24634	1.4528
#2	1.6438	11.079	.10266	.01031	.57260	.24332	1.4450
#3	1.6630	10.982	.10375	.01145	.53996	.24730	1.5090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4475	.00717	.00313	3.0040	2.2416	.21990	.56677
Stddev	.0430	.00010	.00869	.0175	.0023	.00221	.00506
%RSD	1.2464	1.4229	277.87	.58241	.10249	1.0073	.89215

#1	3.4961	.00727	-.00678	3.0142	2.2430	.21980	.57189
#2	3.4319	.00717	.00667	2.9838	2.2429	.21773	.56178
#3	3.4146	.00707	.00949	3.0139	2.2390	.22216	.56665

Sample Name: J6550-13 Acquired: 12/27/2018 19:10:55 Type: Unk
 Method: P4-ICP2(v2686) 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	.05893	8.920	-.07872	<.00000	F<.00000
Stddev	.00119	.044	.00525	.23536	.76729
%RSD	2.0174	.4971	6.6727	9.5135	.80569

#1	.05907	8.945	-.07549	-2.3424	-95.625
#2	.06005	8.869	-.07590	-2.7456	-95.728
#3	.05768	8.947	-.08479	-2.3337	-94.350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.1	72121.	5158.7	102.09	3862.7
Stddev	20.3	545.	23.5	2.24	23.6
%RSD	.60727	.75514	.45581	2.1938	.61141

#1	3334.2	72005.	5134.6	103.02	3845.4
#2	3373.0	72714.	5181.6	103.71	3889.6
#3	3343.0	71644.	5159.8	99.534	3853.1

Sample Name: J6550-14 Acquired: 12/27/2018 19:14:46 Type: Unk
Method: P4-ICP2(v2686) 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	.04685	-.00271	7.0107	.01788	.02452	49.306	.73192
Stddev	.00192	.00078	.0048	.00326	.00051	.479	.00227
%RSD	4.1041	28.793	.06807	18.221	2.0897	.97214	.31025

#1	.04466	-.00357	7.0130	.01490	.02430	48.888	.73453
#2	.04828	-.00204	7.0052	.02136	.02510	49.202	.73043
#3	.04761	-.00251	7.0138	.01738	.02414	49.829	.73079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	.00726	36.713	.17992	.03204	.51379	126.19
Stddev	.00006	.00010	.210	.00118	.00015	.00085	1.47
%RSD	1.6267	1.3268	.57259	.65516	.47715	.16549	1.1638

#1	.00393	.00737	36.953	.17856	.03218	.51478	124.54
#2	.00399	.00721	36.628	.18073	.03188	.51330	126.67
#3	.00406	.00720	36.559	.18046	.03208	.51330	127.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3161	13.021	.11263	.00692	.64728	.26052	2.7033
Stddev	.0070	.215	.00030	.00015	.00475	.00274	.0147
%RSD	.30404	1.6489	.26551	2.2143	.73386	1.0517	.54304

#1	2.3081	12.794	.11248	.00699	.65110	.25766	2.6892
#2	2.3190	13.049	.11297	.00702	.64877	.26078	2.7021
#3	2.3212	13.221	.11243	.00674	.64196	.26312	2.7185

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9870	.00946	.01090	4.2603	2.8235	.06498	.63223
Stddev	.0275	.00007	.00140	.0033	.0212	.00016	.00911
%RSD	.68900	.78273	12.833	.07831	.74986	.24484	1.4406

#1	3.9721	.00941	.01252	4.2574	2.8276	.06493	.62353
#2	3.9703	.00942	.01016	4.2594	2.8006	.06485	.64170
#3	4.0187	.00954	.01003	4.2639	2.8423	.06515	.63146

Sample Name: J6550-14 Acquired: 12/27/2018 19:14:46 Type: Unk
Method: P4-ICP2(v2686) 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	.05342	6.673	.01938	<.00000	F<.00000
Stddev	.00110	.012	.00135	.09289	.43261
%RSD	2.0576	.1842	6.9670	2.6402	.77564
#1	.05467	6.675	.02087	-3.4683	-55.751
#2	.05295	6.660	.01902	-3.6255	-55.354
#3	.05263	6.684	.01824	-3.4611	-56.219
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.8	73855.	5338.4	106.90	3966.7
Stddev	4.7	199.	47.3	.56	5.4
%RSD	.13739	.26961	.88552	.52154	.13488
#1	3397.2	73875.	5285.6	107.43	3960.7
#2	3396.9	74044.	5352.8	106.94	3970.8
#3	3405.2	73647.	5376.8	106.32	3968.7

Sample Name: J6550-15 Acquired: 12/27/2018 19:18:37 Type: Unk
Method: P4-ICP2(v2686) 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	.05440	-.00178	7.7890	.01875	.02271	53.126	.80909
Stddev	.00141	.00075	.0193	.00506	.00070	.283	.01393
%RSD	2.5889	42.102	.24761	27.004	3.0719	.53328	1.7218

#1	.05281	-.00092	7.8015	.02034	.02311	52.824	.79462
#2	.05549	-.00214	7.7668	.01308	.02190	53.168	.82241
#3	.05489	-.00228	7.7987	.02282	.02312	53.386	.81023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	.00945	34.076	.19389	.03617	.56412	129.99
Stddev	.00006	.00024	.448	.00017	.00004	.00212	1.10
%RSD	1.3457	2.5717	1.3145	.09014	.12037	.37579	.84942

#1	.00420	.00957	33.583	.19382	.03620	.56613	128.97
#2	.00415	.00917	34.459	.19375	.03612	.56190	131.16
#3	.00426	.00962	34.186	.19408	.03619	.56434	129.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2085	15.087	.12215	.00750	.91153	.25763	2.5932
Stddev	.0080	.157	.00030	.00025	.00907	.00072	.0268
%RSD	.36104	1.0406	.24308	3.2774	.99483	.28080	1.0338

#1	2.2031	14.946	.12220	.00728	.90332	.25694	2.5709
#2	2.2047	15.256	.12184	.00747	.92126	.25758	2.6230
#3	2.2177	15.060	.12242	.00777	.91001	.25838	2.5858

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1973	.01001	.02593	5.6935	2.3846	.07656	.69503
Stddev	.0301	.00022	.00256	.0284	.0467	.00110	.00255
%RSD	.57876	2.1915	9.8836	.49826	1.9596	1.4382	.36698

#1	5.1723	.01024	.02370	5.7070	2.3728	.07559	.69214
#2	5.2307	.00999	.02537	5.6609	2.4361	.07776	.69597
#3	5.1889	.00980	.02873	5.7125	2.3449	.07634	.69697

Sample Name: J6550-15 Acquired: 12/27/2018 19:18:37 Type: Unk
 Method: P4-ICP2(v2686) 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	.05568	7.708	-.01547	<.00000	F<.00000
Stddev	.00183	.032	.00021	.17022	1.1468
%RSD	3.2948	.4145	1.3384	5.8012	1.9651
#1	.05457	7.741	-.01567	-3.0113	-57.602
#2	.05468	7.677	-.01546	-3.0523	-59.676
#3	.05780	7.706	-.01526	-2.7391	-57.790
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.8	74404.	5439.4	107.45	3974.2
Stddev	17.5	186.	66.9	.97	18.0
%RSD	.50839	.25026	1.2306	.90690	.45283
#1	3428.2	74503.	5504.8	108.20	3958.5
#2	3463.1	74519.	5371.0	106.35	3993.8
#3	3448.9	74189.	5442.3	107.79	3970.3

Sample Name: J6550-16 Acquired: 12/27/2018 19:22:27 Type: Unk
Method: P4-ICP2(v2686) 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	.04838	-.00096	6.7464	.01729	.02233	50.583	.84805
Stddev	.00310	.00117	.0633	.00127	.00148	.309	.00978
%RSD	6.4168	122.40	.93795	7.3321	6.6401	.61065	1.1528

#1	.04785	.00019	6.7521	.01785	.02074	50.227	.85720
#2	.05171	-.00215	6.8067	.01819	.02260	50.786	.83774
#3	.04557	-.00090	6.6805	.01584	.02367	50.735	.84920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00397	.00845	34.266	.18145	.03291	.49251	117.84
Stddev	.00002	.00020	.367	.00129	.00039	.00391	.70
%RSD	.50162	2.3396	1.0708	.70820	1.1887	.79367	.59174

#1	.00396	.00831	34.674	.18000	.03291	.49221	118.58
#2	.00396	.00868	33.963	.18243	.03330	.49656	117.75
#3	.00400	.00836	34.160	.18193	.03252	.48876	117.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8025	14.335	.10990	.00663	1.0689	.23999	2.3598
Stddev	.0066	.169	.00102	.00023	.0069	.00011	.0193
%RSD	.23512	1.1806	.93112	3.3943	.64341	.04535	.81973

#1	2.7979	14.527	.10977	.00655	1.0764	.24008	2.3815
#2	2.8101	14.208	.11098	.00689	1.0672	.24002	2.3537
#3	2.7995	14.270	.10894	.00646	1.0630	.23987	2.3443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5365	.00903	.01874	5.5135	2.4041	.06745	.63098
Stddev	.0338	.00008	.00391	.0510	.0578	.00089	.00364
%RSD	.74495	.88529	20.865	.92543	2.4051	1.3188	.57647

#1	4.5745	.00902	.02277	5.4981	2.4550	.06740	.62710
#2	4.5252	.00911	.01850	5.5704	2.3413	.06837	.63432
#3	4.5098	.00896	.01496	5.4719	2.4161	.06659	.63150

Sample Name: J6550-16 Acquired: 12/27/2018 19:22:27 Type: Unk
 Method: P4-ICP2(v2686) 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	.05278	7.822	.00092	<.00000	F<.00000
Stddev	.00040	.071	.00059	.20094	.90332
%RSD	.75665	.9062	64.618	5.7310	1.8655
#1	.05235	7.827	.00061	-3.6529	-47.810
#2	.05287	7.890	.00055	-3.2772	-47.995
#3	.05314	7.749	.00161	-3.5885	-49.459
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.1	74669.	5392.6	108.01	3994.7
Stddev	27.4	299.	59.3	.88	34.0
%RSD	.79595	.40070	1.0998	.81297	.85083
#1	3433.6	74791.	5325.6	107.00	3989.6
#2	3419.9	74328.	5438.2	108.40	3963.4
#3	3472.7	74887.	5414.2	108.62	4030.9

Sample Name: J6579-01 Acquired: 12/27/2018 19:26:18 Type: Unk
Method: P4-ICP2(v2686) 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	.09584	-.00845	.38726	.03519	.00503	194.01	.88962
Stddev	.00032	.00177	.00428	.00152	.00155	.20	.00171
%RSD	.33292	20.971	1.1062	4.3306	30.789	.10513	.19216

#1	.09618	-.00828	.39194	.03407	.00329	194.23	.89102
#2	.09554	-.00677	.38352	.03458	.00625	193.96	.89011
#3	.09578	-.01030	.38634	.03693	.00555	193.83	.88771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00740	.00188	13.933	.26578	.06202	.24533	243.52
Stddev	.00002	.00052	.082	.00090	.00069	.00215	3.87
%RSD	.29716	27.714	.59120	.33856	1.1098	.87672	1.5879

#1	.00743	.00241	13.861	.26503	.06272	.24747	241.36
#2	.00740	.00184	13.914	.26678	.06135	.24317	241.22
#3	.00738	.00137	14.023	.26553	.06199	.24535	247.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7261	17.645	.14795	.01489	2.1539	.36117	.80561
Stddev	.0059	.207	.00074	.00049	.0095	.00214	.00928
%RSD	.21700	1.1722	.50301	3.2993	.44333	.59371	1.1514

#1	2.7316	17.672	.14852	.01471	2.1612	.36023	.80291
#2	2.7268	17.837	.14711	.01452	2.1574	.36362	.79799
#3	2.7199	17.426	.14823	.01545	2.1431	.35964	.81594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9097	.00430	.07725	2.5227	3.3881	.01591	1.0883
Stddev	.0576	.00019	.00905	.0194	.0421	.00064	.0031
%RSD	.72868	4.4189	11.721	.77013	1.2419	4.0356	.28293

#1	7.9532	.00429	.07235	2.5441	3.3648	.01604	1.0848
#2	7.9315	.00411	.07169	2.5063	3.3628	.01647	1.0895
#3	7.8443	.00449	.08769	2.5176	3.4366	.01521	1.0906

Sample Name: J6579-01 Acquired: 12/27/2018 19:26:18 Type: Unk
 Method: P4-ICP2(v2686) 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	.10956	8.569	-.17348	<.00000	F<.00000
Stddev	.00150	.066	.00456	.56702	2.5608
%RSD	1.3678	.7671	2.6257	4.6739	1.5991

#1	.10817	8.640	-.17127	-11.682	-157.23
#2	.11115	8.511	-.17046	-12.769	-161.14
#3	.10935	8.555	-.17872	-11.944	-162.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4217.5	88888.	6642.1	103.95	3790.4
Stddev	24.4	379.	9.3	1.22	31.2
%RSD	.57800	.42603	.14037	1.1725	.82401

#1	4194.7	88481.	6632.1	104.18	3760.4
#2	4243.2	88953.	6650.5	105.04	3822.7
#3	4214.7	89229.	6643.8	102.63	3788.1

Sample Name: J6580-01 Acquired: 12/27/2018 19:30:25 Type: Unk
Method: P4-ICP2(v2686) 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	.02969	-.01985	.09906	.01260	.00498	193.59	.82740
Stddev	.00110	.00330	.00367	.00144	.00080	1.91	.00407
%RSD	3.6881	16.634	3.7081	11.405	16.114	.98798	.49218

#1	.02885	-.01691	.09656	.01297	.00482	195.67	.82902
#2	.03093	-.01921	.09734	.01382	.00428	191.90	.83041
#3	.02930	-.02342	.10328	.01102	.00586	193.22	.82277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00850	.00515	1581.1	.26297	.08171	.23820	236.88
Stddev	.00010	.00040	18.8	.00106	.00052	.00181	6.99
%RSD	1.1984	7.7248	1.1920	.40331	.63236	.76192	2.9497

#1	.00858	.00488	1559.4	.26418	.08174	.23750	241.73
#2	.00838	.00497	1593.7	.26220	.08222	.23685	240.03
#3	.00852	.00561	1590.3	.26254	.08118	.24027	228.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9925	244.88	.21756	.01407	3.3399	.28154	1.8634
Stddev	.0086	.84	.00075	.00082	.0135	.00098	.0583
%RSD	.17184	.34384	.34258	5.8547	.40476	.34680	3.1300

#1	5.0017	245.23	.21831	.01444	3.3509	.28129	1.8964
#2	4.9848	245.49	.21753	.01466	3.3440	.28071	1.8976
#3	4.9911	243.92	.21682	.01313	3.3248	.28262	1.7960

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.850	.00821	.26208	F 68.415	.96745	-.01299	5.2567
Stddev	.054	.00013	.01081	.160	.01658	.00131	.0464
%RSD	.39033	1.5765	4.1229	.23340	1.7135	10.091	.88182

#1	13.819	.00835	.26909	68.448	.97326	-.01449	5.2253
#2	13.912	.00810	.26751	68.555	.98035	-.01245	5.2349
#3	13.818	.00818	.24964	68.241	.94875	-.01204	5.3099

Sample Name: J6580-01 Acquired: 12/27/2018 19:30:25 Type: Unk
 Method: P4-ICP2(v2686) 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	.37028	8.669	7.2877	1.5398	F<.00000
Stddev	.00194	.032	.0565	.4991	1.7242
%RSD	.52327	.3651	.77456	32.410	1.7153

#1	.37012	8.666	7.2335	2.1151	-99.334
#2	.36843	8.702	7.3461	1.2816	-102.50
#3	.37229	8.639	7.2835	1.2228	-99.725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.5	66526.	5466.3	89.198	2903.9
Stddev	7.5	395.	39.4	2.835	4.2
%RSD	.24212	.59367	.72103	3.1788	.14621

#1	3100.6	66073.	5489.8	87.557	2899.9
#2	3109.5	66801.	5420.8	87.564	2903.4
#3	3115.5	66703.	5488.4	92.472	2908.4

Sample Name: J6195-11 Acquired: 12/27/2018 19:34:48 Type: Unk
Method: P4-ICP2(v2686) 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	.01391	-.00797	.22985	.03336	.00378	137.46	.65339
Stddev	.00052	.00035	.00122	.00258	.00157	.43	.00711
%RSD	3.7485	4.4348	.53023	7.7216	41.520	.31221	1.0889

#1	.01431	-.00781	.23122	.03427	.00198	137.82	.66159
#2	.01332	-.00837	.22943	.03045	.00489	137.59	.64897
#3	.01410	-.00773	.22890	.03535	.00445	136.99	.64960

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	.00112	56.726	.18336	.12456	.32362	260.93
Stddev	.00011	.00037	.455	.00076	.00075	.00042	3.95
%RSD	1.6804	33.213	.80259	.41242	.60556	.12873	1.5130

#1	.00668	.00072	57.240	.18321	.12531	.32374	265.31
#2	.00689	.00145	56.373	.18269	.12456	.32396	257.63
#3	.00671	.00118	56.564	.18418	.12381	.32316	259.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0997	57.320	.21628	.01436	6.4839	.40384	.57843
Stddev	.0114	.440	.00174	.00061	.0693	.00201	.01114
%RSD	.27832	.76828	.80498	4.2340	1.0696	.49838	1.9260

#1	4.1129	57.814	.21769	.01500	6.5638	.40186	.59094
#2	4.0921	56.969	.21683	.01379	6.4386	.40379	.56959
#3	4.0942	57.176	.21434	.01429	6.4494	.40588	.57475

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.462	.00286	.11434	5.4644	3.2334	.01395	2.3318
Stddev	.126	.00012	.00435	.0366	.0173	.00069	.0064
%RSD	1.1016	4.1881	3.8078	.67045	.53593	4.9205	.27558

#1	11.607	.00274	.11579	5.5023	3.2411	.01471	2.3385
#2	11.374	.00298	.10945	5.4617	3.2135	.01337	2.3257
#3	11.405	.00285	.11779	5.4292	3.2456	.01377	2.3314

Sample Name: J6195-11 Acquired: 12/27/2018 19:34:48 Type: Unk
 Method: P4-ICP2(v2686) 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	.17048	5.849	-.11502	<.00000	F<.00000
Stddev	.00129	.044	.00294	.24857	.90827
%RSD	.75895	.7525	2.5534	3.1760	.52841

#1	.17154	5.900	-.11824	-7.5440	-170.88
#2	.16904	5.828	-.11249	-7.9241	-172.14
#3	.17087	5.819	-.11432	-8.0115	-172.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3726.2	80252.	5981.5	103.63	3659.9
Stddev	23.8	361.	61.4	1.90	28.6
%RSD	.63793	.44945	1.0269	1.8371	.78112

#1	3699.2	79930.	5910.8	101.46	3627.9
#2	3735.1	80185.	6021.6	105.01	3668.7
#3	3744.2	80642.	6012.2	104.43	3683.0

Sample Name: J6195-11DUP Acquired: 12/27/2018 19:38:54 Type: Unk
Method: P4-ICP2(v2686) 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	.01314	-.00794	.22909	.03327	.00133	136.13	.65519
Stddev	.00139	.00050	.00173	.00240	.00052	.33	.00376
%RSD	10.570	6.3342	.75411	7.2202	39.337	.23899	.57461

#1	.01413	-.00740	.22730	.03050	.00128	136.38	.65733
#2	.01155	-.00804	.23075	.03474	.00083	136.25	.65084
#3	.01373	-.00839	.22922	.03457	.00187	135.76	.65740

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00661	.00014	54.422	.18193	.12202	.31543	265.06
Stddev	.00006	.00013	.285	.00185	.00050	.00090	2.50
%RSD	.95833	99.396	.52299	1.0145	.40690	.28424	.94300

#1	.00665	.00026	54.449	.18137	.12209	.31452	262.72
#2	.00654	-.00001	54.124	.18399	.12249	.31632	267.69
#3	.00665	.00015	54.691	.18042	.12150	.31545	264.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1019	55.185	.21244	.01479	6.4786	.40417	.58278
Stddev	.0213	.322	.00103	.00029	.0263	.00201	.00367
%RSD	.51826	.58415	.48635	1.9936	.40607	.49838	.63008

#1	4.1250	55.106	.21166	.01463	6.4961	.40355	.58119
#2	4.0976	54.909	.21361	.01461	6.4483	.40643	.58698
#3	4.0831	55.539	.21204	.01513	6.4914	.40254	.58018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.201	.00298	.12032	5.3770	3.2651	.01513	2.3262
Stddev	.061	.00015	.00626	.0224	.0271	.00132	.0084
%RSD	.54195	5.0720	5.2056	.41604	.82842	8.7484	.36038

#1	11.244	.00300	.11373	5.3625	3.2755	.01553	2.3186
#2	11.132	.00283	.12620	5.4028	3.2853	.01365	2.3247
#3	11.228	.00313	.12103	5.3658	3.2343	.01621	2.3352

Sample Name: J6195-11DUP Acquired: 12/27/2018 19:38:54 Type: Unk
Method: P4-ICP2(v2686) 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	.16469	5.790	-.12165	<.00000	F<.00000
Stddev	.00095	.019	.00298	.27702	1.7359
%RSD	.57884	.3244	2.4532	3.5341	1.0152
#1	.16408	5.777	-.11917	-7.5586	-169.20
#2	.16579	5.812	-.12496	-7.8443	-172.67
#3	.16420	5.782	-.12082	-8.1125	-171.08
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.4	80322.	5956.7	101.59	3687.0
Stddev	13.9	448.	34.0	.68	17.6
%RSD	.37050	.55739	.57004	.67133	.47839
#1	3755.6	79859.	5922.9	101.99	3700.8
#2	3727.9	80353.	5990.8	100.80	3667.2
#3	3740.6	80753.	5956.4	101.97	3693.2

Sample Name: CCV08 Acquired: 12/27/2018 19:43:01 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7150	4.6894	4.6568	4.7253	4.7877	9.2114	9.6279	.23858
Stddev	.0098	.0108	.0176	.0160	.0117	.0859	.0908	.00031
%RSD	.20896	.23094	.37897	.33946	.24528	.93278	.94318	.12898
#1	4.7050	4.6840	4.6365	4.7139	4.7742	9.1274	9.6765	.23875
#2	4.7247	4.7019	4.6688	4.7436	4.7955	9.2075	9.6841	.23822
#3	4.7154	4.6824	4.6650	4.7184	4.7935	9.2991	9.5231	.23876
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3411	24.092	.94869	2.3297	1.1973	4.6841	2.4143	24.074
Stddev	.0066	.074	.00255	.0079	.0036	.0761	.0033	.085
%RSD	.28269	.30553	.26879	.33941	.29614	1.6250	.13769	.35274
#1	2.3342	24.056	.94823	2.3207	1.1934	4.6889	2.4148	24.117
#2	2.3416	24.177	.95144	2.3331	1.2004	4.7578	2.4173	24.129
#3	2.3474	24.043	.94640	2.3354	1.1982	4.6058	2.4107	23.976
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3246	1.1756	24.344	2.3661	2.4093	24.178	4.7551	4.8268
Stddev	.0094	.0054	.215	.0066	.0583	.242	.0092	.0291
%RSD	.40435	.46098	.88155	.27842	2.4212	1.0029	.19361	.60312
#1	2.3146	1.1732	24.455	2.3608	2.4243	24.278	4.7448	4.8192
#2	2.3261	1.1818	24.481	2.3735	2.4586	24.354	4.7579	4.8589
#3	2.3332	1.1718	24.097	2.3640	2.3449	23.901	4.7626	4.8022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5532	4.7956	4.6448	4.8155	4.8904	4.662	4.8092	F .15978
Stddev	.0065	.0621	.0125	.0079	.0427	.014	.0568	.38512
%RSD	.14310	1.2941	.26972	.16459	.87321	.3056	1.1805	241.03
#1	4.5457	4.8398	4.6310	4.8201	4.9159	4.648	4.8614	.42079
#2	4.5566	4.8224	4.6481	4.8200	4.9143	4.677	4.8174	.34108
#3	4.5573	4.7247	4.6553	4.8063	4.8411	4.661	4.7488	-.28253

Sample Name: CCV08 Acquired: 12/27/2018 19:43:01 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4649
Stddev	.7642
%RSD	31.002

#1	2.7082
#2	3.0778
#3	1.6087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.2	69437.	4918.1	103.14	3828.3
Stddev	4.2	208.	66.4	2.64	5.8
%RSD	.12975	.29956	1.3504	2.5642	.15043

#1	3248.2	69484.	4869.1	102.26	3834.9
#2	3239.8	69210.	4891.5	101.05	3825.5
#3	3244.4	69618.	4993.7	106.12	3824.4

Sample Name: CCB08 Acquired: 12/27/2018 19:46:49 Type: Unk
Method: P4-ICP2(v2686) 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	.00062	.00135	.00291	.00068	-.00089	.00398	-.00262
Stddev	.00181	.00075	.00049	.00255	.00058	.00663	.00077
%RSD	292.81	55.780	16.748	374.24	64.978	166.47	29.570

#1	-.00068	.00048	.00260	.00341	-.00071	-.00168	-.00192
#2	-.00015	.00184	.00266	-.00165	-.00042	.00235	-.00345
#3	.00269	.00173	.00347	.00029	-.00154	.01128	-.00248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00003	-.00427	-.00032	.00000	.00064	-.00392
Stddev	.00006	.00005	.00423	.00035	.00016	.00033	.00260
%RSD	159.34	172.69	99.137	107.04	17430.	51.677	66.225

#1	-.00003	-.00003	-.00440	-.00066	-.00010	.00101	-.00377
#2	-.00009	.00006	-.00843	-.00034	-.00008	.00044	-.00660
#3	.00002	.00005	.00003	.00003	.00018	.00045	-.00141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.04803	.00085	.00019	.14994	.00051	.00063
Stddev	.00000	.04460	.00031	.00018	.00481	.00015	.00010
%RSD	.65443	92.846	35.840	91.807	3.2100	29.458	16.128

#1	.00048	.09245	.00051	.00033	.14465	.00039	.00072
#2	.00047	.04839	.00109	.00025	.15111	.00068	.00064
#3	.00048	.00326	.00096	-.00001	.15406	.00047	.00052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07888	.00011	.00628	-.00102	-.00394	.00221	-.00153
Stddev	.02572	.00009	.00380	.00153	.00069	.00065	.00081
%RSD	32.608	88.874	60.468	149.23	17.436	29.284	52.870

#1	.10110	-.00000	.00547	.00062	-.00345	.00240	-.00127
#2	.08484	.00016	.00295	-.00130	-.00472	.00275	-.00244
#3	.05070	.00016	.01041	-.00240	-.00364	.00149	-.00088

Sample Name: CCB08 Acquired: 12/27/2018 19:46:49 Type: Unk
 Method: P4-ICP2(v2686) 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	.00102	.0002	.00021	F<.00000	F .28081
Stddev	.00127	.0006	.00011	.39261	.61801
%RSD	124.60	271.5	54.475	11.789	220.08

#1	.00243	-.0002	.00033	-3.0977	.86852
#2	-.00005	-.0000	.00019	-3.1095	-.36360
#3	.00069	.0009	.00010	-3.7835	.33750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.7	72876.	5065.6	110.36	4355.5
Stddev	20.8	235.	93.8	2.62	18.1
%RSD	.61291	.32267	1.8525	2.3726	.41542

#1	3366.7	72678.	4973.0	107.97	4340.6
#2	3407.8	72815.	5160.7	113.16	4375.7
#3	3382.7	73136.	5063.0	109.97	4350.3

Sample Name: J6195-11LX5 Acquired: 12/27/2018 19:50:59 Type: Unk
Method: P4-ICP2(v2686) 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	.00435	.00008	.04741	.00401	.00108	30.543	.15019
Stddev	.00024	.00092	.00115	.00246	.00149	.290	.00048
%RSD	5.5399	1120.7	2.4153	61.315	138.03	.95108	.32080

#1	.00462	-.00098	.04872	.00251	-.00047	30.217	.15037
#2	.00416	.00051	.04662	.00685	.00250	30.775	.14965
#3	.00427	.00072	.04689	.00268	.00121	30.637	.15056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00028	13.544	.04345	.02473	.08290	53.271
Stddev	.00004	.00002	.029	.00066	.00034	.00070	.095
%RSD	2.4558	6.0935	.21428	1.5125	1.3871	.84319	.17788

#1	.00147	-.00026	13.512	.04273	.02491	.08331	53.358
#2	.00152	-.00030	13.568	.04402	.02434	.08209	53.170
#3	.00145	-.00028	13.554	.04359	.02495	.08330	53.284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99324	13.755	.04260	.00274	1.6396	.09456	.12211
Stddev	.00424	.047	.00030	.00024	.0050	.00046	.00081
%RSD	.42681	.34232	.71083	8.9107	.30526	.48532	.66224

#1	.98848	13.702	.04284	.00248	1.6358	.09483	.12299
#2	.99661	13.793	.04271	.00276	1.6379	.09482	.12140
#3	.99463	13.769	.04226	.00297	1.6453	.09403	.12195

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7325	.00067	.01163	1.0384	.81433	.00427	.54404
Stddev	.0144	.00005	.00411	.0025	.01234	.00050	.00198
%RSD	.52837	7.7283	35.363	.24211	1.5156	11.647	.36365

#1	2.7490	.00066	.01108	1.0407	.82136	.00375	.54289
#2	2.7262	.00073	.00782	1.0357	.80007	.00430	.54290
#3	2.7222	.00063	.01599	1.0388	.82154	.00475	.54632

Sample Name: J6195-11LX5 Acquired: 12/27/2018 19:50:59 Type: Unk
Method: P4-ICP2(v2686) 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	.04062	1.136	-.01774	<.00000	F<.00000
Stddev	.00020	.007	.00037	.16276	.12440
%RSD	.50289	.6233	2.0728	4.9405	3.8856
#1	.04073	1.144	-.01811	-3.4605	-3.3442
#2	.04074	1.130	-.01774	-3.2872	-3.1149
#3	.04038	1.134	-.01738	-3.1352	-3.1459
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.7	74116.	5267.4	107.98	4097.1
Stddev	16.4	357.	21.4	.77	17.0
%RSD	.47295	.48100	.40553	.71027	.41535
#1	3439.8	74465.	5243.5	107.10	4077.6
#2	3468.7	73752.	5284.6	108.50	4108.8
#3	3467.6	74131.	5274.1	108.35	4104.9

Sample Name: J6195-11MS Acquired: 12/27/2018 19:54:59 Type: Unk
Method: P4-ICP2(v2686) 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	.61628	1.7407	1.1068	1.4829	.10955	151.92	.81106
Stddev	.00010	.0020	.0040	.0079	.00066	.85	.00603
%RSD	.01626	.11294	.35808	.53458	.59952	.56168	.74363
#1	.61639	1.7415	1.1025	1.4743	.11031	152.79	.81538
#2	.61626	1.7385	1.1102	1.4899	.10914	151.89	.81364
#3	.61619	1.7422	1.1078	1.4845	.10921	151.08	.80417
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16729	.17826	76.181	.49465	.31455	.57923	274.95
Stddev	.00052	.00053	.761	.00188	.00093	.00126	6.13
%RSD	.30925	.29790	.99873	.37913	.29676	.21691	2.2299
#1	.16766	.17773	76.072	.49543	.31561	.58016	280.94
#2	.16751	.17827	76.991	.49602	.31418	.57780	275.23
#3	.16670	.17879	75.481	.49252	.31386	.57973	268.69
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0726	72.380	.68143	.07313	9.8141	.66677	.79606
Stddev	.0066	.124	.00027	.00140	.0594	.00260	.01210
%RSD	.16246	.17106	.04009	1.9172	.60516	.39005	1.5203
#1	4.0769	72.372	.68118	.07469	9.8572	.66882	.80837
#2	4.0650	72.507	.68140	.07273	9.8387	.66765	.79565
#3	4.0760	72.260	.68172	.07197	9.7463	.66384	.78417
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.522	.28624	.33911	4.2654	3.3150	.57306	3.1527
Stddev	.053	.00041	.00789	.0205	.0383	.00136	.0233
%RSD	.26988	.14203	2.3278	.47997	1.1566	.23678	.73782
#1	19.520	.28580	.34794	4.2419	3.3190	.57160	3.1539
#2	19.575	.28634	.33665	4.2793	3.3512	.57328	3.1753
#3	19.470	.28659	.33274	4.2749	3.2748	.57429	3.1288

Sample Name: J6195-11MS Acquired: 12/27/2018 19:54:59 Type: Unk
Method: P4-ICP2(v2686) 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	.33462	F 12.02	.04523	<.00000	F<.00000
Stddev	.00068	.02	.00513	.17776	.46736
%RSD	.20192	.1700	11.346	2.6932	.25571

#1	.33384	12.02	.03938	-6.3983	-182.49
#2	.33501	12.04	.04736	-6.6702	-183.31
#3	.33501	12.00	.04895	-6.7325	-182.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.3	79401.	5879.8	102.81	3617.1
Stddev	16.1	237.	31.6	1.56	5.2
%RSD	.43688	.29874	.53663	1.5160	.14300

#1	3703.3	79148.	5884.9	101.11	3615.2
#2	3707.7	79434.	5846.0	103.15	3623.0
#3	3677.8	79619.	5908.5	104.17	3613.2

Sample Name: J6195-11MSD Acquired: 12/27/2018 19:58:58 Type: Unk
Method: P4-ICP2(v2686) 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	.62061	1.7571	1.1245	1.4971	.10898	151.12	.81864
Stddev	.00151	.0098	.0050	.0106	.00101	1.19	.00293
%RSD	.24393	.55817	.44452	.70658	.92754	.78549	.35773

#1	.61897	1.7458	1.1188	1.4953	.10823	149.80	.82202
#2	.62091	1.7628	1.1277	1.4875	.11013	151.46	.81682
#3	.62195	1.7627	1.1271	1.5084	.10859	152.10	.81709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16758	.18045	78.255	.49814	.31608	.56426	273.91
Stddev	.00067	.00156	.014	.00323	.00080	.00536	7.17
%RSD	.40100	.86411	.01835	.64786	.25319	.95078	2.6173

#1	.16709	.17868	78.245	.49495	.31517	.55822	282.17
#2	.16731	.18103	78.249	.49807	.31669	.56611	270.26
#3	.16835	.18163	78.272	.50140	.31638	.56845	269.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1182	71.898	.68686	.07309	9.5728	.66142	.82452
Stddev	.0207	.332	.00306	.00098	.0750	.00279	.02431
%RSD	.50244	.46143	.44585	1.3411	.78308	.42129	2.9485

#1	4.1027	72.196	.68334	.07417	9.6589	.65960	.85234
#2	4.1417	71.541	.68826	.07282	9.5373	.66004	.81390
#3	4.1101	71.958	.68897	.07227	9.5222	.66463	.80733

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.616	.28581	.31642	4.4590	3.0322	.57791	3.0506
Stddev	.063	.00052	.01325	.0103	.0416	.00342	.0089
%RSD	.30324	.18209	4.1866	.23081	1.3723	.59093	.29003

#1	20.687	.28534	.33056	4.4471	3.0793	.57524	3.0598
#2	20.591	.28571	.31440	4.4644	3.0005	.57672	3.0422
#3	20.570	.28637	.30430	4.4654	3.0169	.58176	3.0498

Sample Name: J6195-11MSD Acquired: 12/27/2018 19:58:58 Type: Unk
Method: P4-ICP2(v2686) 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	.34384	F 12.20	.05577	<.00000	F<.00000
Stddev	.00109	.04	.00728	.38453	.67732
%RSD	.31685	.3554	13.053	5.3602	.38965
#1	.34475	12.16	.04740	-7.6159	-173.05
#2	.34264	12.21	.05932	-6.9892	-174.26
#3	.34413	12.25	.06059	-6.9164	-174.18
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.1	79464.	5847.8	100.21	3602.4
Stddev	11.2	252.	38.3	2.86	16.0
%RSD	.30404	.31698	.65481	2.8516	.44530
#1	3703.8	79755.	5806.3	96.946	3618.9
#2	3699.1	79307.	5855.3	101.46	3601.4
#3	3682.4	79331.	5881.8	102.24	3586.8

Sample Name: J6195-11A Acquired: 12/27/2018 20:02:57 Type: Unk
Method: P4-ICP2(v2686) 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	.62169	1.7603	1.1292	1.4918	.10974	149.28	.80692
Stddev	.00311	.0055	.0098	.0010	.00168	2.94	.01157
%RSD	.50033	.31091	.87066	.06587	1.5343	1.9708	1.4340

#1	.62130	1.7575	1.1261	1.4918	.10845	151.40	.81501
#2	.62497	1.7666	1.1403	1.4928	.11165	150.51	.79367
#3	.61879	1.7568	1.1214	1.4908	.10913	145.92	.81209

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16591	.18195	77.443	.49136	.31733	.56937	265.38
Stddev	.00242	.00238	1.001	.01062	.00263	.00604	7.18
%RSD	1.4564	1.3091	1.2921	2.1606	.82768	1.0610	2.7068

#1	.16755	.18097	78.061	.49709	.31646	.56644	267.40
#2	.16706	.18467	76.288	.49787	.32028	.57632	257.40
#3	.16314	.18022	77.979	.47911	.31525	.56536	271.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0824	70.783	.68898	.07123	9.4505	.65149	.80107
Stddev	.0492	.780	.00452	.00120	.1462	.01498	.02182
%RSD	1.2048	1.1014	.65579	1.6801	1.5475	2.2995	2.7235

#1	4.1093	71.024	.68732	.07246	9.5707	.66019	.80459
#2	4.1122	69.912	.69409	.07007	9.2876	.66008	.77770
#3	4.0256	71.414	.68552	.07117	9.4931	.63419	.82090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.389	.28600	.31317	4.4673	2.9619	.57745	3.0106
Stddev	.271	.00110	.01206	.0349	.0301	.00224	.0394
%RSD	1.3268	.38472	3.8518	.78197	1.0147	.38733	1.3069

#1	20.596	.28544	.31788	4.4521	2.9844	.57614	3.0327
#2	20.083	.28727	.29946	4.5073	2.9278	.58003	2.9652
#3	20.489	.28529	.32216	4.4426	2.9736	.57617	3.0340

Sample Name: J6195-11A Acquired: 12/27/2018 20:02:57 Type: Unk
 Method: P4-ICP2(v2686) 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	.34260	F 12.26	.06209	<.00000	F<.00000
Stddev	.00394	.10	.00446	1.0766	2.5925
%RSD	1.1512	.8244	7.1865	14.163	1.5156
#1	.34512	12.21	.06385	-6.9873	-171.09
#2	.33805	12.37	.06540	-6.9721	-173.64
#3	.34462	12.19	.05701	-8.8443	-168.45
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.8	80618.	5934.8	103.04	3584.9
Stddev	14.7	1347.	82.3	3.01	24.2
%RSD	.39883	1.6707	1.3874	2.9177	.67488
#1	3681.7	79754.	5896.7	102.44	3588.9
#2	3662.8	79930.	6029.3	106.30	3559.0
#3	3691.7	82170.	5878.4	100.38	3606.8

Sample Name: J6195-13 Acquired: 12/27/2018 20:06:56 Type: Unk
Method: P4-ICP2(v2686) 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	.01878	-.01040	.23306	.03025	.00219	119.09	.61778
Stddev	.00068	.00226	.00202	.00274	.00174	.61	.00674
%RSD	3.6039	21.769	.86564	9.0587	79.504	.51031	1.0913

#1	.01861	-.00785	.23094	.03320	.00418	118.51	.62170
#2	.01820	-.01216	.23495	.02976	.00102	119.73	.61000
#3	.01952	-.01120	.23329	.02779	.00135	119.04	.62165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00485	.00079	67.737	.21477	.13159	.64332	225.77
Stddev	.00011	.00035	.200	.00109	.00042	.00456	2.44
%RSD	2.1709	44.493	.29582	.50786	.32177	.70821	1.0820

#1	.00473	.00039	67.783	.21378	.13110	.63806	228.43
#2	.00488	.00105	67.518	.21594	.13181	.64570	223.64
#3	.00494	.00092	67.910	.21458	.13186	.64618	225.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4303	56.878	.21647	.01313	3.4497	.39125	.55144
Stddev	.0105	.569	.00136	.00028	.0287	.00140	.00817
%RSD	.30687	.99970	.62611	2.1586	.83167	.35701	1.4821

#1	3.4204	57.236	.21493	.01345	3.4726	.39137	.55877
#2	3.4291	56.222	.21745	.01306	3.4175	.39259	.54263
#3	3.4414	57.175	.21705	.01290	3.4589	.38980	.55293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.227	.00310	.05944	6.9555	2.9533	.03192	4.3817
Stddev	.163	.00019	.00633	.0293	.0211	.00026	.0274
%RSD	.80585	6.0800	10.647	.42136	.71359	.82471	.62650

#1	20.295	.00293	.06635	6.9218	2.9747	.03195	4.3952
#2	20.041	.00307	.05392	6.9696	2.9326	.03164	4.3501
#3	20.345	.00330	.05805	6.9750	2.9525	.03216	4.3998

Sample Name: J6195-13 Acquired: 12/27/2018 20:06:56 Type: Unk
 Method: P4-ICP2(v2686) 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	.14469	8.009	-.04846	<.00000	F<.00000
Stddev	.00057	.032	.00186	.33226	.13745
%RSD	.39329	.3990	3.8432	4.3734	.10776
#1	.14514	7.973	-.05058	-7.9810	-127.63
#2	.14405	8.023	-.04706	-7.4131	-127.40
#3	.14488	8.032	-.04776	-7.3981	-127.64
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.4	80143.	5864.3	102.55	3701.9
Stddev	8.1	194.	50.2	1.60	8.8
%RSD	.21872	.24180	.85658	1.5577	.23891
#1	3704.8	80316.	5830.6	100.99	3711.9
#2	3695.7	79934.	5922.0	104.18	3698.8
#3	3688.7	80178.	5840.2	102.48	3695.1

Sample Name: J6549-01 Acquired: 12/27/2018 20:11:01 Type: Unk
Method: P4-ICP2(v2686) 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	.08535	-.01281	.41163	.03775	.00704	139.20	1.0697
Stddev	.00051	.00214	.00394	.00199	.00224	2.28	.0126
%RSD	.59629	16.730	.95751	5.2624	31.769	1.6351	1.1738

#1	.08576	-.01139	.41492	.03591	.00676	137.43	1.0751
#2	.08478	-.01527	.41271	.03749	.00940	138.42	1.0786
#3	.08551	-.01176	.40726	.03986	.00496	141.77	1.0553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00754	.00464	241.84	.18271	.13314	.50216	274.19
Stddev	.00019	.00070	2.63	.00397	.00181	.00402	7.18
%RSD	2.5238	15.142	1.0891	2.1705	1.3624	.80098	2.6197

#1	.00734	.00469	240.65	.18060	.13472	.50677	275.78
#2	.00754	.00392	244.86	.18025	.13354	.49939	280.45
#3	.00772	.00532	240.02	.18729	.13116	.50032	266.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1355	93.273	.28123	.01574	71.488	.25879	1.0519
Stddev	.1094	.826	.00262	.00128	.849	.00499	.0311
%RSD	1.7827	.88558	.93014	8.1622	1.1875	1.9278	2.9568

#1	6.0704	93.061	.28325	.01615	71.727	.25588	1.0656
#2	6.0744	94.185	.28217	.01676	72.191	.25594	1.0737
#3	6.2618	92.574	.27828	.01430	70.545	.26455	1.0163

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.318	.03306	.31544	3.0621	F 80.421	.01993	4.0024
Stddev	.205	.00029	.00598	.0431	.711	.00127	.0038
%RSD	1.0100	.88112	1.8945	1.4089	.88420	6.3853	.09401

#1	20.350	.03328	.31992	3.0796	80.582	.02080	4.0067
#2	20.505	.03317	.31773	3.0937	81.037	.02052	3.9996
#3	20.098	.03273	.30865	3.0129	79.643	.01847	4.0011

Sample Name: J6549-01 Acquired: 12/27/2018 20:11:01 Type: Unk
Method: P4-ICP2(v2686) 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	.17312	7.135	.27531	<.00000	F<.00000
Stddev	.00077	.084	.00195	.50419	.34796
%RSD	.44475	1.171	.70655	9.9534	.22081
#1	.17376	7.180	.27330	-5.5712	-157.76
#2	.17227	7.186	.27545	-5.0624	-157.19
#3	.17334	7.038	.27719	-4.5629	-157.82
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.7	77870.	5983.8	98.189	3375.1
Stddev	29.9	852.	78.8	3.127	23.7
%RSD	.82649	1.0947	1.3163	3.1845	.70156
#1	3589.2	78457.	5957.1	96.635	3358.8
#2	3627.9	78261.	5921.9	96.143	3364.1
#3	3648.1	76892.	6072.5	101.79	3402.2

Sample Name: J6549-01DUP Acquired: 12/27/2018 20:15:08 Type: Unk
Method: P4-ICP2(v2686) 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	.08522	-.01314	.41498	.04190	.00656	139.80	1.0841
Stddev	.00101	.00135	.00543	.00316	.00126	.50	.0149
%RSD	1.1850	10.309	1.3085	7.5509	19.231	.35693	1.3728

#1	.08424	-.01386	.40886	.04530	.00801	139.67	1.0973
#2	.08515	-.01399	.41686	.03904	.00580	140.35	1.0679
#3	.08626	-.01158	.41921	.04138	.00586	139.37	1.0871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00748	.00415	246.45	.18247	.13482	.50324	281.53
Stddev	.00004	.00124	3.72	.00142	.00155	.00530	8.77
%RSD	.49581	29.888	1.5112	.77633	1.1486	1.0532	3.1159

#1	.00744	.00272	249.73	.18145	.13307	.49716	291.26
#2	.00749	.00495	242.40	.18187	.13600	.50689	274.23
#3	.00751	.00477	247.22	.18409	.13541	.50568	279.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1566	94.493	.28409	.01685	72.582	.25792	1.0780
Stddev	.0120	1.248	.00331	.00096	1.005	.00127	.0364
%RSD	.19429	1.3210	1.1639	5.6926	1.3852	.49409	3.3751

#1	6.1436	95.561	.28050	.01785	73.493	.25690	1.1170
#2	6.1671	93.121	.28700	.01594	71.503	.25752	1.0450
#3	6.1592	94.798	.28478	.01676	72.750	.25935	1.0721

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.626	.03343	.32261	3.0959	F 81.259	.01998	4.0531
Stddev	.296	.00015	.02113	.0171	1.418	.00051	.0297
%RSD	1.4354	.45811	6.5507	.55161	1.7450	2.5360	.73383

#1	20.890	.03354	.34647	3.0777	82.222	.02030	4.0870
#2	20.306	.03351	.30623	3.1116	79.631	.01940	4.0314
#3	20.682	.03326	.31515	3.0983	81.924	.02025	4.0410

Sample Name: J6549-01DUP Acquired: 12/27/2018 20:15:08 Type: Unk
Method: P4-ICP2(v2686) 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	.17475	7.221	.27736	<.00000	F<.00000
Stddev	.00080	.048	.00325	.12570	2.7776
%RSD	.45609	.6697	1.1700	2.2095	1.7384
#1	.17560	7.166	.27371	-5.5835	-159.73
#2	.17461	7.244	.27844	-5.6555	-157.03
#3	.17403	7.254	.27992	-5.8281	-162.58
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3643.7	79082.	5975.7	97.395	3380.9
Stddev	7.0	133.	100.0	3.180	21.6
%RSD	.19227	.16862	1.6742	3.2649	.63776
#1	3651.8	78997.	5890.0	93.925	3405.8
#2	3639.8	79014.	6085.6	100.17	3368.3
#3	3639.5	79236.	5951.3	98.090	3368.5

Sample Name: J6549-01LX5 Acquired: 12/27/2018 20:19:13 Type: Unk
Method: P4-ICP2(v2686) 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	.02078	-.00112	.08448	.00543	.00031	30.999	.25350
Stddev	.00095	.00179	.00024	.00060	.00086	.189	.00266
%RSD	4.5672	159.63	.28454	11.120	272.77	.60864	1.0508

#1	.02176	-.00122	.08423	.00473	.00009	31.198	.25656
#2	.01986	-.00286	.08449	.00570	-.00041	30.978	.25223
#3	.02070	.00072	.08471	.00584	.00126	30.823	.25170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	.00011	59.412	.04367	.02638	.13044	56.269
Stddev	.00006	.00023	.617	.00073	.00015	.00115	2.293
%RSD	3.6297	201.14	1.0387	1.6723	.56530	.88406	4.0747

#1	.00158	-.00015	59.997	.04324	.02636	.12914	58.800
#2	.00168	.00020	59.472	.04325	.02653	.13134	55.678
#3	.00169	.00028	58.767	.04451	.02624	.13085	54.330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5210	23.132	.05588	.00281	16.926	.06133	.21894
Stddev	.0045	.231	.00019	.00049	.163	.00045	.00750
%RSD	.29489	.99674	.33434	17.493	.96504	.73534	3.4240

#1	1.5160	23.360	.05585	.00334	17.103	.06081	.22692
#2	1.5246	22.899	.05572	.00270	16.892	.06160	.21783
#3	1.5224	23.136	.05609	.00237	16.782	.06158	.21205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9505	.00784	.05583	.57600	F 20.628	.00440	.95613
Stddev	.0517	.00009	.00163	.00189	.009	.00066	.00701
%RSD	1.0434	1.2088	2.9150	.32741	.04180	14.940	.73315

#1	5.0035	.00773	.05527	.57800	20.623	.00512	.96422
#2	4.9004	.00785	.05766	.57426	20.638	.00383	.95226
#3	4.9476	.00792	.05455	.57574	20.624	.00426	.95190

Sample Name: J6549-01LX5 Acquired: 12/27/2018 20:19:13 Type: Unk
Method: P4-ICP2(v2686) 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	.04104	1.374	.07842	<.00000	F<.00000
Stddev	.00046	.006	.00079	.09521	.67185
%RSD	1.1278	.4287	1.0026	3.7467	28.704
#1	.04074	1.376	.07752	-2.4434	-1.8819
#2	.04080	1.379	.07875	-2.6337	-2.0281
#3	.04157	1.368	.07898	-2.5463	-3.1118
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.9	73626.	5254.4	106.85	3934.7
Stddev	5.0	55.	28.2	3.69	7.3
%RSD	.14753	.07429	.53697	3.4549	.18585
#1	3400.1	73564.	5225.4	102.77	3927.6
#2	3408.7	73648.	5256.2	107.80	3934.2
#3	3408.8	73666.	5281.7	109.97	3942.2

Sample Name: J6549-01MS Acquired: 12/27/2018 20:23:12 Type: Unk
Method: P4-ICP2(v2686) 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	.74340	1.8969	1.3952	1.6681	.45851	149.96	1.3169
Stddev	.00540	.0189	.0070	.0105	.00325	.78	.0087
%RSD	.72693	.99545	.50255	.62746	.70864	.52010	.66055

#1	.74961	1.9185	1.4021	1.6801	.45801	149.06	1.3179
#2	.74084	1.8888	1.3953	1.6627	.45554	150.36	1.3077
#3	.73976	1.8833	1.3881	1.6613	.46198	150.46	1.3250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18178	.20274	256.45	.51650	.34504	.75362	301.38
Stddev	.00165	.00156	1.70	.00481	.00190	.00403	1.74
%RSD	.90619	.76734	.66328	.93168	.55023	.53472	.57676

#1	.18092	.20451	255.14	.51312	.34713	.75765	300.03
#2	.18073	.20212	255.85	.51436	.34458	.74959	303.34
#3	.18368	.20160	258.38	.52201	.34342	.75362	300.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3708	100.25	.79755	.08021	78.080	.52048	1.3602
Stddev	.0145	1.01	.00503	.00112	.590	.00421	.0058
%RSD	.22753	1.0107	.63016	1.3976	.75580	.80797	.42884

#1	6.3742	99.423	.80290	.07905	77.893	.51858	1.3565
#2	6.3834	99.946	.79683	.08030	77.606	.51755	1.3669
#3	6.3550	101.38	.79293	.08128	78.741	.52529	1.3571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.323	.34978	.57759	3.1685	F 80.028	.68508	4.3913
Stddev	.187	.00248	.00847	.0201	1.132	.00423	.0447
%RSD	.61781	.70979	1.4671	.63544	1.4150	.61753	1.0182

#1	30.264	.35230	.57442	3.1914	79.514	.68880	4.3613
#2	30.172	.34734	.58720	3.1605	79.244	.68597	4.3699
#3	30.533	.34969	.57117	3.1536	81.326	.68048	4.4427

Sample Name: J6549-01MS Acquired: 12/27/2018 20:23:12 Type: Unk
Method: P4-ICP2(v2686) 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	.36779	F 13.17	.44842	<.00000	F<.00000
Stddev	.00473	.08	.00587	.15782	3.2017
%RSD	1.2849	.6248	1.3081	2.6809	1.8393

#1	.36507	13.23	.44734	-5.9350	-171.58
#2	.36506	13.21	.44317	-6.0146	-172.95
#3	.37325	13.08	.45475	-5.7103	-177.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.9	79234.	5887.2	94.022	3352.8
Stddev	11.1	17.	35.2	.391	20.6
%RSD	.30589	.02098	.59824	.41537	.61314

#1	3630.0	79250.	5882.4	94.050	3334.1
#2	3649.3	79217.	5924.6	93.619	3349.4
#3	3649.3	79235.	5854.7	94.398	3374.8

Sample Name: J6549-01MSD Acquired: 12/27/2018 20:27:09 Type: Unk
Method: P4-ICP2(v2686) 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	.74470	1.8986	1.4013	1.6611	.45859	148.99	1.3119
Stddev	.00446	.0242	.0214	.0153	.00685	1.70	.0076
%RSD	.59848	1.2767	1.5244	.92335	1.4946	1.1397	.57763

#1	.74911	1.9251	1.4209	1.6770	.46587	148.99	1.3200
#2	.74020	1.8776	1.3785	1.6464	.45225	150.69	1.3050
#3	.74480	1.8930	1.4046	1.6600	.45765	147.30	1.3109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17987	.20463	255.68	.51495	.34589	.75746	291.47
Stddev	.00145	.00321	.64	.00426	.00512	.00745	4.02
%RSD	.80572	1.5666	.24977	.82650	1.4810	.98358	1.3800

#1	.18090	.20801	256.18	.51783	.35160	.76559	295.87
#2	.18049	.20164	254.96	.51695	.34172	.75097	290.55
#3	.17821	.20424	255.90	.51006	.34433	.75580	287.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3839	100.16	.80017	.07844	77.935	.51595	1.3186
Stddev	.0562	.50	.01404	.00103	.435	.00631	.0256
%RSD	.87986	.49425	1.7548	1.3191	.55763	1.2223	1.9437

#1	6.4169	100.28	.81567	.07922	78.334	.52112	1.3482
#2	6.4157	99.615	.78830	.07883	77.472	.51780	1.3054
#3	6.3190	100.58	.79653	.07726	77.999	.50893	1.3023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.272	.35004	.55734	3.1686	F 79.717	.68658	4.3633
Stddev	.184	.00344	.00517	.0540	.630	.00973	.0061
%RSD	.60762	.98279	.92690	1.7041	.79081	1.4174	.14061

#1	30.397	.35391	.55680	3.2279	80.383	.69712	4.3701
#2	30.060	.34734	.56276	3.1222	79.130	.67794	4.3582
#3	30.357	.34886	.55247	3.1558	79.638	.68467	4.3614

Sample Name: J6549-01MSD Acquired: 12/27/2018 20:27:09 Type: Unk
Method: P4-ICP2(v2686) 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	.36939	F 13.17	.45607	<.00000	F<.00000
Stddev	.00067	.18	.00312	.37836	1.3909
%RSD	.18165	1.363	.68303	6.7087	.79653
#1	.36976	13.38	.45325	-5.3673	-173.28
#2	.36980	13.04	.45555	-5.4805	-174.52
#3	.36862	13.11	.45942	-6.0719	-176.06
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.4	79538.	5896.1	97.068	3355.6
Stddev	31.9	880.	60.8	1.906	47.2
%RSD	.87370	1.1060	1.0308	1.9636	1.4077
#1	3616.7	78902.	5835.0	94.879	3302.0
#2	3669.0	79171.	5956.6	97.968	3391.3
#3	3674.4	80542.	5896.6	98.358	3373.4

Sample Name: CCV09 Acquired: 12/27/2018 20:31:07 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6665	4.6328	4.6328	4.6890	4.7972	9.1849	9.4398
Stddev	.0099	.0057	.0080	.0022	.0104	.1850	.0805
%RSD	.21276	.12361	.17241	.04702	.21732	2.0137	.85275

#1	4.6659	4.6394	4.6416	4.6884	4.8013	9.0953	9.5296
#2	4.6767	4.6293	4.6306	4.6914	4.8050	9.0617	9.4153
#3	4.6569	4.6296	4.6261	4.6871	4.7854	9.3976	9.3743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24132	2.3450	23.560	.94527	2.3169	1.1919	4.6211
Stddev	.00485	.0021	.178	.02177	.0013	.0017	.0304
%RSD	2.0107	.08989	.75348	2.3028	.05723	.14254	.65766

#1	.24010	2.3468	23.761	.93931	2.3182	1.1913	4.6552
#2	.23719	2.3454	23.424	.92711	2.3171	1.1938	4.6112
#3	.24666	2.3427	23.496	.96940	2.3155	1.1906	4.5969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4342	24.055	2.3044	1.1596	24.181	2.3778	2.3639
Stddev	.0504	.064	.0011	.0262	.187	.0505	.0225
%RSD	2.0708	.26679	.04750	2.2640	.77167	2.1249	.95078

#1	2.4228	23.984	2.3039	1.1534	24.384	2.3667	2.3890
#2	2.3905	24.073	2.3057	1.1370	24.141	2.3338	2.3573
#3	2.4894	24.109	2.3037	1.1884	24.017	2.4330	2.3455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.495	4.7115	4.7696	F 4.4492	4.8450	4.6129	4.7462
Stddev	.230	.0043	.0117	.0090	.0539	.0060	.0196
%RSD	.97991	.09098	.24534	.20141	1.1117	.13102	.41382

#1	23.757	4.7165	4.7740	4.4391	4.9035	4.6183	4.7678
#2	23.398	4.7093	4.7784	4.4563	4.7975	4.6141	4.7294
#3	23.329	4.7088	4.7563	4.4522	4.8339	4.6064	4.7413

Sample Name: CCV09 Acquired: 12/27/2018 20:31:07 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8090	4.603	4.7095	F<.00000	F 2.4640
Stddev	.0452	.008	.0229	.78183	.1909
%RSD	.94040	.1674	.48693	134.81	7.7467
#1	4.8609	4.597	4.6855	-.79403	2.6841
#2	4.7872	4.612	4.7312	-1.2324	2.3636
#3	4.7787	4.602	4.7117	.28663	2.3442
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.9	70810.	5080.7	105.87	3911.0
Stddev	4.4	1230.	50.9	1.02	4.3
%RSD	.13270	1.7365	1.0014	.96782	.10972
#1	3293.7	71202.	5022.0	104.73	3908.0
#2	3297.8	71795.	5107.8	106.17	3909.1
#3	3302.4	69432.	5112.3	106.72	3915.9

Sample Name: CCB09 Acquired: 12/27/2018 20:34:55 Type: Unk
Method: P4-ICP2(v2686) 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	.00080	.00130	.00186	.00033	-.00089	-.00424	-.00296
Stddev	.00106	.00086	.00100	.00294	.00069	.00805	.00037
%RSD	132.96	66.286	53.561	882.31	78.078	189.86	12.593

#1	-.00042	.00091	.00269	-.00069	-.00026	.00447	-.00262
#2	.00152	.00069	.00214	-.00196	-.00077	-.01140	-.00336
#3	.00129	.00228	.00076	.00365	-.00163	-.00578	-.00291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00013	.00064	-.00014	-.00006	.00049	-.00240
Stddev	.00004	.00005	.00556	.00023	.00012	.00030	.00570
%RSD	49.826	41.849	866.71	167.36	189.16	61.071	237.11

#1	-.00011	.00018	.00342	-.00017	-.00020	.00063	-.00335
#2	-.00003	.00013	-.00576	.00011	-.00002	.00070	.00371
#3	-.00009	.00007	.00426	-.00035	.00003	.00015	-.00757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.02530	.00098	-.00012	.12873	.00069	.00054
Stddev	.00002	.02972	.00027	.00026	.01127	.00045	.00004
%RSD	5.3847	117.46	27.057	215.99	8.7585	65.047	8.0567

#1	.00027	-.00432	.00106	.00012	.11589	.00086	.00058
#2	.00031	.02511	.00120	-.00008	.13703	.00104	.00054
#3	.00029	.05512	.00069	-.00041	.13327	.00018	.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09134	.00015	.00401	-.00326	-.00068	.00249	-.00200
Stddev	.01978	.00012	.00519	.00139	.00071	.00039	.00143
%RSD	21.657	80.416	129.54	42.604	104.47	15.657	71.468

#1	.10416	.00001	.00910	-.00177	-.00073	.00288	-.00062
#2	.10130	.00025	-.00127	-.00452	.00005	.00210	-.00190
#3	.06856	.00020	.00419	-.00350	-.00137	.00250	-.00348

Sample Name: CCB09 Acquired: 12/27/2018 20:34:55 Type: Unk
Method: P4-ICP2(v2686) 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	.00077	.0008	.00020	F<.00000	F<.00000
Stddev	.00129	.0010	.00006	.18652	.56319
%RSD	166.54	124.5	32.985	4.0645	147.32
#1	-.00066	.0014	.00027	-4.5581	.18781
#2	.00183	-.0003	.00016	-4.7891	-.93831
#3	.00115	.0013	.00016	-4.4199	-.39633
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.0	74564.	5088.5	111.74	4443.0
Stddev	11.8	216.	33.5	2.21	15.2
%RSD	.34379	.28967	.65903	1.9820	.34289
#1	3422.6	74812.	5058.0	111.45	4429.6
#2	3440.3	74413.	5083.2	109.69	4439.8
#3	3445.1	74468.	5124.4	114.09	4459.6

Sample Name: J6549-01A Acquired: 12/27/2018 20:39:04 Type: Unk
Method: P4-ICP2(v2686) 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	.73806	1.8767	1.3855	1.6450	.45711	148.80	1.3097
Stddev	.00448	.0206	.0155	.0008	.00304	2.29	.0139
%RSD	.60661	1.0996	1.1150	.04598	.66528	1.5384	1.0600

#1	.73871	1.8635	1.3803	1.6448	.45836	147.51	1.3252
#2	.73330	1.8661	1.3733	1.6444	.45365	147.45	1.3056
#3	.74218	1.9005	1.4029	1.6459	.45933	151.45	1.2983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18174	.20287	253.86	.51516	.34233	.75301	287.92
Stddev	.00231	.00279	1.58	.00911	.00413	.00553	3.21
%RSD	1.2717	1.3757	.62338	1.7681	1.2071	.73470	1.1136

#1	.18121	.20183	254.73	.51033	.34054	.75325	288.50
#2	.17973	.20075	254.81	.50949	.33940	.74736	290.80
#3	.18426	.20603	252.03	.52567	.34706	.75842	284.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3491	100.38	.79229	.07845	77.900	.52170	1.3096
Stddev	.0712	.79	.01017	.00042	.750	.00653	.0173
%RSD	1.1210	.78329	1.2830	.53232	.96292	1.2526	1.3219

#1	6.3121	101.23	.78933	.07800	78.743	.51959	1.3237
#2	6.3041	100.22	.78394	.07852	77.652	.51648	1.3149
#3	6.4312	99.688	.80361	.07883	77.305	.52903	1.2903

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.163	.34683	.56224	3.1323	F 79.619	.68088	4.3450
Stddev	.281	.00109	.00913	.0353	.710	.00738	.0210
%RSD	.93304	.31510	1.6243	1.1278	.89201	1.0844	.48218

#1	30.474	.34712	.55242	3.1133	80.240	.67453	4.3624
#2	30.089	.34562	.57048	3.1104	79.773	.67914	4.3218
#3	29.925	.34775	.56381	3.1730	78.845	.68898	4.3509

Sample Name: J6549-01A Acquired: 12/27/2018 20:39:04 Type: Unk
Method: P4-ICP2(v2686) 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	.36916	F 13.07	.45471	<.00000	F<.00000
Stddev	.00249	.10	.00521	.71010	4.3876
%RSD	.67316	.8006	1.1458	12.408	2.5600
#1	.36947	13.01	.46055	-6.0303	-166.79
#2	.36654	13.00	.45302	-6.2278	-171.84
#3	.37148	13.19	.45055	-4.9111	-175.53
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3662.8	79236.	5895.6	97.581	3377.0
Stddev	15.9	833.	87.7	1.485	29.1
%RSD	.43445	1.0514	1.4883	1.5217	.86309
#1	3651.8	79254.	5804.9	96.392	3380.9
#2	3681.0	80059.	5901.9	97.106	3404.0
#3	3655.6	78394.	5980.0	99.245	3346.1

Sample Name: J6549-02 Acquired: 12/27/2018 20:43:01 Type: Unk
Method: P4-ICP2(v2686) 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	.00244	-.00321	.01386	.00563	-.00163	9.5467	.21633	.00038
Stddev	.00094	.00076	.00083	.00386	.00165	.0960	.00173	.00005
%RSD	38.344	23.736	5.9945	68.565	101.16	1.0057	.79811	13.432
#1	.00142	-.00236	.01298	.00982	-.00197	9.4482	.21753	.00036
#2	.00264	-.00384	.01398	.00484	.00016	9.6400	.21711	.00044
#3	.00326	-.00342	.01463	.00222	-.00308	9.5518	.21436	.00035
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	119.13	.00982	.00648	.03141	28.073	3.5614	38.945
Stddev	.00008	.56	.00019	.00009	.00004	.125	.0214	.262
%RSD	156.74	.47293	1.9085	1.3328	.11522	.44481	.60066	.67328
#1	.00002	119.37	.00991	.00651	.03145	28.003	3.5732	38.941
#2	-.00004	119.54	.00960	.00639	.03140	28.218	3.5367	39.209
#3	-.00013	118.49	.00994	.00655	.03139	28.000	3.5744	38.684
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01097	.00082	98.177	.01817	.06891	7.0688	.00216	.04446
Stddev	.00075	.00015	.390	.00043	.00019	.0268	.00027	.00412
%RSD	6.8494	17.942	.39706	2.3818	.26915	.37878	12.456	9.2734
#1	.01129	.00072	98.451	.01773	.06901	7.0647	.00222	.04861
#2	.01151	.00076	98.349	.01819	.06870	7.0975	.00240	.04037
#3	.01011	.00099	97.730	.01860	.06903	7.0444	.00187	.04439
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3823	F 22.686	-.00104	.27036	.02465	.5407	.28255	<.00000
Stddev	.0313	.204	.00005	.00197	.00057	.0023	.00218	.47757
%RSD	.33318	.90081	5.1580	.72970	2.3188	.4230	.77301	938.55
#1	9.3919	22.905	-.00109	.27197	.02531	.5431	.28363	.36707
#2	9.3474	22.652	-.00103	.27096	.02427	.5385	.28398	-.57141
#3	9.4077	22.501	-.00098	.26816	.02438	.5406	.28003	.05168

Sample Name: J6549-02 Acquired: 12/27/2018 20:43:01 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2132
Stddev	.7043
%RSD	21.918

#1	2.4028
#2	3.5599
#3	3.6769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.6	69717.	5046.2	104.63	3818.1
Stddev	9.7	130.	35.8	.35	15.6
%RSD	.30041	.18702	.70886	.33877	.40929

#1	3221.4	69753.	5008.9	104.22	3802.4
#2	3238.7	69573.	5049.4	104.82	3833.6
#3	3237.7	69826.	5080.3	104.84	3818.5

Sample Name: J6549-03 Acquired: 12/27/2018 20:47:05 Type: Unk
Method: P4-ICP2(v2686) 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	.00536	-.00390	.03321	.01209	-.00030	36.984	.29648	.00153
Stddev	.00143	.00019	.00133	.00151	.00218	.483	.00308	.00006
%RSD	26.719	4.7535	3.9947	12.516	735.35	1.3054	1.0396	4.0309
#1	.00674	-.00380	.03175	.01333	.00131	36.641	.29865	.00150
#2	.00547	-.00412	.03352	.01040	-.00278	37.536	.29785	.00160
#3	.00388	-.00379	.03435	.01252	.00059	36.775	.29295	.00148
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	190.95	.05351	.02340	.06074	48.160	2.2147	35.149
Stddev	.00017	1.79	.00103	.00035	.00048	.840	.0331	.361
%RSD	92.510	.93934	1.9236	1.4832	.78863	1.7444	1.4963	1.0263
#1	.00015	191.71	.05299	.02301	.06078	48.667	2.1991	35.410
#2	.00003	192.24	.05469	.02353	.06024	48.623	2.2528	35.299
#3	.00037	188.90	.05284	.02367	.06119	47.191	2.1923	34.737
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03417	.00242	93.953	.07514	.20201	8.6407	.00608	.08347
Stddev	.00022	.00019	.926	.00099	.00357	.0766	.00034	.00139
%RSD	.65326	7.6501	.98527	1.3231	1.7685	.88672	5.5651	1.6702
#1	.03438	.00239	94.609	.07487	.20464	8.7125	.00572	.08507
#2	.03419	.00226	94.355	.07625	.20343	8.6495	.00613	.08259
#3	.03394	.00262	92.894	.07431	.19794	8.5600	.00639	.08273
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.153	F 39.056	-.00179	1.7573	.05040	1.098	.47245	<.00000
Stddev	.066	.525	.00101	.0111	.00172	.005	.00473	.57844
%RSD	.34196	1.3451	56.236	.63020	3.4105	.4698	1.0007	8580.1
#1	19.191	39.302	-.00288	1.7548	.05088	1.098	.47469	.00375
#2	19.078	39.414	-.00161	1.7694	.05183	1.092	.47563	.56638
#3	19.191	38.453	-.00089	1.7477	.04849	1.103	.46701	-.59036

Sample Name: J6549-03 Acquired: 12/27/2018 20:47:05 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3884
Stddev	.5460
%RSD	12.442

#1	3.7614
#2	4.7588
#3	4.6451

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.5	70751.	5256.4	104.70	3731.9
Stddev	7.3	901.	68.3	2.16	10.8
%RSD	.22134	1.2731	1.2988	2.0637	.28939

#1	3270.5	71016.	5209.9	103.11	3723.2
#2	3284.6	69748.	5224.4	103.82	3744.0
#3	3280.5	71490.	5334.7	107.16	3728.7

Sample Name: J6549-04 Acquired: 12/27/2018 20:51:03 Type: Unk
Method: P4-ICP2(v2686) 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	.00425	-.00250	.02524	.00806	.00078	19.691	.24409	.00078
Stddev	.00253	.00092	.00059	.00212	.00028	.163	.00025	.00004
%RSD	59.484	36.769	2.3181	26.317	35.285	.82537	.10349	5.6409
#1	.00317	-.00245	.02474	.00565	.00076	19.507	.24380	.00082
#2	.00244	-.00345	.02588	.00963	.00051	19.751	.24423	.00079
#3	.00713	-.00161	.02509	.00891	.00106	19.816	.24425	.00073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	67.665	.10231	.01593	.07709	33.658	1.5884	24.995
Stddev	.00010	.308	.00124	.00019	.00071	.584	.0039	.222
%RSD	128.27	.45547	1.2165	1.2104	.92598	1.7365	.24745	.89002
#1	.00017	67.897	.10194	.01610	.07778	33.441	1.5839	24.855
#2	.00009	67.315	.10369	.01572	.07714	33.214	1.5902	24.878
#3	-.00003	67.783	.10128	.01597	.07635	34.320	1.5911	25.251
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04592	.00150	136.25	.04294	.19110	7.3349	.00206	.02147
Stddev	.00051	.00015	.50	.00031	.00360	.0356	.00016	.00459
%RSD	1.1116	10.079	.36483	.72696	1.8840	.48526	7.6314	21.366
#1	.04651	.00135	136.00	.04308	.18922	7.3306	.00188	.01868
#2	.04561	.00166	135.94	.04316	.18884	7.3017	.00212	.02677
#3	.04564	.00150	136.83	.04259	.19525	7.3725	.00218	.01897
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0259	F 27.616	.00275	.90046	.03096	.5647	.18747	<.00000
Stddev	.0308	.062	.00048	.00708	.00153	.0039	.00080	.41329
%RSD	.61337	.22310	17.583	.78603	4.9439	.6835	.42424	55.920
#1	5.0609	27.686	.00274	.89643	.02928	.5692	.18837	-1.2023
#2	5.0026	27.588	.00324	.90863	.03134	.5627	.18685	-.60685
#3	5.0142	27.573	.00227	.89631	.03227	.5623	.18720	-.40807

Sample Name: J6549-04 Acquired: 12/27/2018 20:51:03 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9759
Stddev	.3665
%RSD	12.314

#1	2.9401
#2	3.3589
#3	2.6286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.1	70596.	5119.4	105.41	3851.3
Stddev	19.9	291.	15.7	1.52	34.5
%RSD	.60794	.41244	.30754	1.4449	.89626

#1	3250.3	70919.	5107.3	105.96	3811.5
#2	3282.3	70513.	5137.2	106.58	3873.1
#3	3286.7	70354.	5113.7	103.69	3869.3

Sample Name: J6549-05 Acquired: 12/27/2018 20:55:03 Type: Unk
Method: P4-ICP2(v2686) 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	.00264	-.00133	.03967	.00512	.00318	15.237	.13101	.00042
Stddev	.00134	.00114	.00050	.00175	.00132	.063	.00095	.00002
%RSD	50.787	85.544	1.2566	34.186	41.695	.41467	.72210	4.1953
#1	.00349	-.00244	.03978	.00334	.00275	15.177	.13210	.00040
#2	.00335	-.00016	.04010	.00684	.00212	15.303	.13039	.00043
#3	.00110	-.00140	.03912	.00517	.00466	15.229	.13054	.00042
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	57.602	.03122	.01138	.10802	24.749	.57583	19.704
Stddev	.00005	.310	.00030	.00016	.00080	.170	.00180	.103
%RSD	23.166	.53766	.97234	1.4407	.74277	.68756	.31182	.52091
#1	.00017	57.305	.03156	.01120	.10710	24.892	.57552	19.592
#2	.00026	57.923	.03110	.01144	.10836	24.793	.57776	19.794
#3	.00027	57.579	.03099	.01151	.10859	24.560	.57421	19.724
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02476	.00089	81.578	.03692	.43759	6.4235	.00743	.01946
Stddev	.00024	.00021	.169	.00034	.00535	.0171	.00008	.00324
%RSD	.96193	24.081	.20749	.93434	1.2223	.26691	1.1193	16.637
#1	.02495	.00089	81.769	.03731	.44189	6.4402	.00744	.01837
#2	.02449	.00067	81.518	.03665	.43927	6.4060	.00733	.02310
#3	.02483	.00109	81.447	.03680	.43160	6.4244	.00750	.01691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3269	F 20.159	.00242	.72536	.02007	.9856	.15089	<.00000
Stddev	.0085	.058	.00054	.00389	.00194	.0027	.00072	.43809
%RSD	.15929	.28747	22.408	.53609	9.6625	.2771	.47915	28.895
#1	5.3206	20.178	.00300	.72162	.01889	.9826	.15033	-1.5093
#2	5.3236	20.204	.00231	.72938	.01900	.9863	.15171	-1.0815
#3	5.3366	20.093	.00194	.72507	.02231	.9880	.15064	-1.9576

Sample Name: J6549-05 Acquired: 12/27/2018 20:55:03 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.8721
Stddev	.4889
%RSD	17.022

#1	3.4357
#2	2.5618
#3	2.6189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3293.7	71254.	5077.1	108.48	3959.9
Stddev	6.2	420.	24.6	1.46	2.3
%RSD	.18803	.58893	.48404	1.3461	.05752

#1	3286.6	71129.	5073.0	107.17	3957.2
#2	3296.8	70910.	5054.9	108.22	3961.3
#3	3297.8	71721.	5103.5	110.05	3961.1

Sample Name: J6549-06 Acquired: 12/27/2018 20:59:02 Type: Unk
Method: P4-ICP2(v2686) 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	.00548	-.00140	.03753	.00343	.00355	1.3292	.03595	.00005
Stddev	.00020	.00100	.00111	.00047	.00053	.0019	.00076	.00002
%RSD	3.6335	71.777	2.9464	13.608	15.047	.14641	2.1257	32.385

#1	.00539	-.00251	.03819	.00299	.00363	1.3307	.03540	.00004
#2	.00534	-.00056	.03815	.00338	.00298	1.3299	.03682	.00005
#3	.00570	-.00112	.03625	.00393	.00404	1.3270	.03563	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	88.250	.00370	.00141	.03839	6.5533	.48352	16.066
Stddev	.00004	2.305	.00035	.00009	.00024	.2082	.00132	.337
%RSD	3.8614	2.6121	9.3609	6.6765	.62544	3.1764	.27281	2.0959

#1	.00095	86.280	.00407	.00148	.03865	6.4834	.48222	15.872
#2	.00088	90.785	.00367	.00145	.03817	6.7874	.48347	16.455
#3	.00091	87.685	.00337	.00130	.03834	6.3890	.48486	15.871

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01406	-.00017	10.989	.00740	.24531	2.2444	.02266	.02583
Stddev	.00029	.00040	.241	.00001	.00746	.0453	.00029	.00571
%RSD	2.0846	227.43	2.1941	.17205	3.0429	2.0167	1.2886	22.095

#1	.01389	.00012	10.814	.00739	.24355	2.2031	.02270	.02978
#2	.01440	-.00002	11.264	.00741	.25349	2.2928	.02293	.01929
#3	.01389	-.00062	10.889	.00741	.23888	2.2374	.02235	.02842

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3104	7.9978	.00185	.05245	.00607	.7039	.21918	<.00000
Stddev	.0016	.1347	.00045	.00275	.00108	.0026	.00548	.66720
%RSD	.12185	1.6844	24.247	5.2421	17.707	.3722	2.4980	32.492

#1	1.3103	7.8975	.00237	.05179	.00518	.7019	.21534	-2.3994
#2	1.3120	8.1509	.00156	.05547	.00577	.7069	.22545	-1.2843
#3	1.3088	7.9450	.00163	.05010	.00727	.7030	.21676	-2.4765

Sample Name: J6549-06 Acquired: 12/27/2018 20:59:02 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8050
 Stddev .5914
 %RSD 32.762

#1 2.0518
 #2 2.2329
 #3 1.1302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.0	71723.	4976.2	105.84	4061.3
Stddev	6.2	292.	102.6	3.06	4.9
%RSD	.18910	.40744	2.0618	2.8900	.12064

#1	3286.9	71778.	5033.4	106.30	4056.2
#2	3290.3	71407.	4857.8	102.58	4061.9
#3	3299.0	71984.	5037.5	108.65	4065.9

Sample Name: J6549-07 Acquired: 12/27/2018 21:03:05 Type: Unk
Method: P4-ICP2(v2686) 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	k .00147	k .00213	k -.00007	k .00092	k -.00103	s .00005	-.00054	s -.00005
Stddev	.00052	.00106	.00047	.00108	.00026	.00499	.00338	.00002
%RSD	35.504	49.706	626.94	116.87	24.952	10509.	623.59	49.899

#1	k .00119	k .00096	k -.00057	k .00060	k -.00132	s .00463	-.00219	s -.00005
#2	.00115	.00244	.00036	.00212	-.00085	-.00527	.00335	-.00002
#3	.00207	.00301	-.00002	.00004	-.00091	.00078	-.00278	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00004	k -.00670	s -.00029	k .00003	k .00001	k -.00843	s -.00011	.02244
Stddev	.00006	.00705	.00030	.00016	.00042	.00389	.00002	.01015
%RSD	155.06	105.32	103.87	463.78	3140.3	46.144	22.848	45.225

#1	k .00007	k -.01360	s -.00013	k .00014	k -.00019	k -.00770	s -.00008	.01211
#2	-.00003	.00050	-.00011	-.00015	-.00027	-.01263	-.00013	.03240
#3	.00008	-.00700	-.00065	.00011	.00050	-.00496	-.00011	.02282

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00148	s -.00013	.63119	s .00020	k .00564	.10261	-.00016	k -.00159
Stddev	.00009	.00037	.10347	.00064	.00084	.04562	.00013	.00213
%RSD	6.1844	282.39	16.392	320.75	14.871	44.455	79.852	133.76

#1	k .00158	s .00012	.52434	s -.00035	k .00521	.10861	-.00005	k -.00026
#2	.00141	.00005	.73091	.00090	.00661	.05429	-.00031	-.00405
#3	.00144	-.00056	.63833	.00005	.00511	.14493	-.00013	-.00047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00731	k -.00831	k -.00036	k -.00077	-.00029	k .0016	k .00010	<.00000
Stddev	.00066	.00397	.00031	.00059	.00154	.0006	.00003	5.0124
%RSD	9.0823	47.709	87.172	76.599	532.60	38.65	32.911	168.18

#1	k .00725	k -.00965	k -.00032	k -.00025	-.00056	k .0019	k .00011	2.7952
#2	.00801	-.00385	-.00007	-.00064	.00137	.0009	.00006	-6.1938
#3	.00669	-.01144	-.00069	-.00141	-.00168	.0021	.00012	-5.5424

Sample Name: J6549-07 Acquired: 12/27/2018 21:03:05 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.11047
Stddev	.15949
%RSD	144.37

#1	.29195
#2	-.00740
#3	.04687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.1	^ *****	4884.4	107.36	4739.6
Stddev	18.4	-----	526.9	12.62	24.6
%RSD	.51174	-----	10.787	11.754	.51867

#1	3611.7	^ -----	5173.6	115.53	4756.3
#2	3576.4	77428.	4276.3	92.825	4711.4
#3	3603.3	77498.	5203.3	113.72	4751.2

Sample Name: J6549-08 Acquired: 12/27/2018 21:07:15 Type: Unk
Method: P4-ICP2(v2686) 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	.00634	-.00070	.07199	-.00085	.00896	2.3510	.04452	.00018
Stddev	.00022	.00181	.00080	.00266	.00068	.0440	.00061	.00007
%RSD	3.4437	256.97	1.1124	312.25	7.6271	1.8708	1.3732	35.595
#1	.00646	.00025	.07118	.00217	.00954	2.3005	.04510	.00012
#2	.00609	-.00279	.07278	-.00185	.00912	2.3811	.04388	.00017
#3	.00647	.00043	.07200	-.00288	.00821	2.3714	.04458	.00025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	92.368	.00684	.00251	.06678	8.2163	.53121	17.535
Stddev	.00007	.560	.00035	.00018	.00040	.1442	.00911	.038
%RSD	3.9364	.60595	5.1669	7.3248	.60595	1.7548	1.7146	.21785
#1	.00190	92.859	.00677	.00237	.06724	8.3826	.52556	17.497
#2	.00176	92.486	.00723	.00272	.06662	8.1258	.54171	17.574
#3	.00186	91.759	.00653	.00245	.06648	8.1406	.52634	17.535
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02025	-.00017	11.212	.01055	.43754	2.4703	.02988	.02847
Stddev	.00057	.00008	.094	.00018	.01115	.0117	.00003	.00230
%RSD	2.8131	45.518	.84235	1.7387	2.5489	.47400	.10849	8.0626
#1	.02068	-.00018	11.291	.01066	.44986	2.4767	.02985	.03024
#2	.02046	-.00024	11.237	.01065	.43462	2.4568	.02988	.02588
#3	.01960	-.00009	11.107	.01034	.42813	2.4775	.02991	.02929
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4923	9.4026	.00270	.09167	.00770	.8250	.22682	<.00000
Stddev	.0038	.1157	.00061	.00189	.00101	.0031	.00113	.47394
%RSD	.25489	1.2305	22.473	2.0625	13.101	.3724	.49711	26.452
#1	1.4942	9.4563	.00203	.09040	.00685	.8238	.22799	-2.0036
#2	1.4879	9.4816	.00287	.09385	.00882	.8228	.22674	-1.2488
#3	1.4947	9.2698	.00320	.09078	.00745	.8285	.22574	-2.1227

Sample Name: J6549-08 Acquired: 12/27/2018 21:07:15 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6885
Stddev	.6253
%RSD	37.034

#1	1.5957
#2	1.1148
#3	2.3551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.5	71155.	5113.3	107.80	4028.1
Stddev	12.4	1094.	68.9	3.05	13.4
%RSD	.37861	1.5380	1.3483	2.8276	.33234

#1	3272.1	71572.	5058.9	104.50	4020.9
#2	3276.9	69914.	5090.1	108.40	4019.9
#3	3295.6	71980.	5190.8	110.50	4043.6

Sample Name: J6563-01 Acquired: 12/27/2018 21:11:17 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.00320	-.00052	-.00046	-.00154	-.00941	-.00256	-.00003
Stddev	.00050	.00035	.00082	.00046	.00078	.00454	.00033	.00002
%RSD	58.342	10.827	157.65	100.35	50.565	48.189	12.760	88.922

#1	.00111	.00282	-.00115	-.00092	-.00222	-.00435	-.00232	.00000
#2	.00028	.00328	.00040	.00000	-.00170	-.01311	-.00243	-.00003
#3	.00119	.00349	-.00080	-.00047	-.00069	-.01077	-.00293	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00460	-.00018	.00002	.00025	-.00870	-.00010	.06122
Stddev	.00003	.00478	.00018	.00011	.00029	.00428	.00002	.03426
%RSD	57.331	103.79	101.47	692.43	117.96	49.182	23.238	55.970

#1	.00006	-.00955	-.00021	.00011	.00047	-.01123	-.00012	.05478
#2	.00007	-.00001	-.00034	-.00011	-.00008	-.00376	-.00008	.03063
#3	.00002	-.00425	.00002	.00005	.00036	-.01110	-.00012	.09824

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00017	.27042	.00020	.00013	.08423	-.00010	-.00225
Stddev	.00024	.00008	.01297	.00037	.00006	.00574	.00006	.00584
%RSD	15.457	44.058	4.7950	182.53	48.655	6.8124	62.193	259.46

#1	.00182	-.00016	.25572	.00057	.00020	.09050	-.00014	-.00733
#2	.00145	-.00010	.27532	.00023	.00007	.07925	-.00012	.00413
#3	.00137	-.00026	.28022	-.00018	.00013	.08293	-.00003	-.00355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00784	-.00039	-.00243	-.00174	.0031	.00019	<.00000
Stddev	.00185	.00197	.00033	.00052	.00108	.0008	.00006	1.9592
%RSD	73.594	25.172	84.285	21.320	62.117	25.28	30.158	32.114

#1	.00441	-.00981	-.00023	-.00216	-.00130	.0025	.00018	-7.6387
#2	.00071	-.00586	-.00078	-.00303	-.00296	.0027	.00014	-6.7687
#3	.00242	-.00785	-.00018	-.00210	-.00094	.0039	.00025	-3.8950

Sample Name: J6563-01 Acquired: 12/27/2018 21:11:17 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.10710
%RSD	54.106

#1	-.08929
#2	-.20111
#3	-.30342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.2	77586.	5281.9	118.76	4805.6
Stddev	75.8	4089.	24.0	.84	99.0
%RSD	2.0845	5.2697	.45369	.70363	2.0595

#1	3721.1	81391.	5282.7	119.28	4918.1
#2	3599.4	78104.	5257.6	119.20	4766.4
#3	3582.1	73264.	5305.5	117.79	4732.1

Sample Name: J6563-02 Acquired: 12/27/2018 21:15:27 Type: Unk
Method: P4-ICP2(v2686) 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	.00077	.00310	.00077	-.00173	-.00064	.00284	-.00215	-.00005
Stddev	.00117	.00021	.00040	.00064	.00132	.00218	.00084	.00004
%RSD	151.25	6.9170	52.370	36.911	206.35	76.730	39.242	75.275

#1	.00177	.00295	.00075	-.00161	-.00088	.00219	-.00309	-.00002
#2	.00107	.00335	.00037	-.00241	-.00181	.00106	-.00193	-.00003
#3	-.00052	.00300	.00118	-.00116	.00078	.00526	-.00144	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.08315	.00041	-.00002	.00010	.01998	.00038	.04958
Stddev	.00005	.00498	.00005	.00011	.00019	.00497	.00005	.02067
%RSD	118.53	5.9933	11.421	503.81	193.30	24.884	12.800	41.688

#1	.00009	.08195	.00044	-.00007	.00015	.01611	.00044	.06825
#2	.00000	.07887	.00036	.00011	.00025	.01825	.00035	.05314
#3	.00002	.08862	.00043	-.00011	-.00011	.02559	.00035	.02737

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	-.00054	.51713	.00040	.01920	.07895	-.00016	-.00093
Stddev	.00048	.00012	.02190	.00014	.00039	.00907	.00018	.00609
%RSD	27.552	21.928	4.2347	35.048	2.0195	11.483	110.93	653.39

#1	.00225	-.00065	.50783	.00028	.01879	.08844	-.00036	.00343
#2	.00168	-.00042	.50142	.00056	.01925	.07802	-.00014	-.00789
#3	.00130	-.00054	.54214	.00037	.01956	.07038	.00000	.00167

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01670	.01378	.00027	-.00087	-.00194	.0164	.00053	<.00000
Stddev	.00202	.00200	.00023	.00017	.00130	.0017	.00007	1.8324
%RSD	12.104	14.527	87.323	19.778	67.125	10.29	12.761	28.161

#1	.01526	.01394	.00051	-.00076	-.00303	.0175	.00045	-6.1129
#2	.01583	.01571	.00026	-.00079	-.00229	.0144	.00055	-8.5043
#3	.01901	.01171	.00004	-.00107	-.00050	.0171	.00058	-4.9036

Sample Name: J6563-02 Acquired: 12/27/2018 21:15:27 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .44480
%RSD 165.94

#1 -.77602
#2 .05164
#3 -.07976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.9	77615.	5149.2	115.57	4549.4
Stddev	151.6	2729.	70.1	1.78	203.8
%RSD	4.4011	3.5162	1.3612	1.5394	4.4798

#1	3528.0	76526.	5154.6	117.63	4663.0
#2	3536.9	80721.	5216.4	114.62	4671.0
#3	3270.0	75599.	5076.5	114.48	4314.1

Sample Name: CCV10 Acquired: 12/27/2018 21:19:36 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6771	4.6422	4.6430	4.7139	4.8398	9.2567	9.6529
Stddev	.0038	.0167	.0082	.0055	.0118	.0296	.0852
%RSD	.08103	.35944	.17668	.11642	.24432	.31925	.88283

#1	4.6747	4.6250	4.6336	4.7100	4.8262	9.2673	9.7469
#2	4.6751	4.6584	4.6475	4.7116	4.8476	9.2233	9.6313
#3	4.6814	4.6431	4.6480	4.7202	4.8456	9.2795	9.5806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23994	2.3588	23.886	.93238	2.3218	1.1968	4.5716
Stddev	.00105	.0061	.098	.00420	.0046	.0013	.0768
%RSD	.43698	.25791	.41136	.45036	.19963	.10728	1.6790

#1	.23897	2.3522	23.987	.92768	2.3182	1.1961	4.6222
#2	.23980	2.3599	23.791	.93577	2.3203	1.1983	4.6094
#3	.24105	2.3642	23.880	.93369	2.3270	1.1961	4.4833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4254	24.192	2.3100	1.1434	24.609	2.3678	2.3695
Stddev	.0020	.077	.0014	.0020	.180	.0028	.0437
%RSD	.08276	.32002	.06290	.17871	.73049	.11829	1.8447

#1	2.4242	24.265	2.3096	1.1423	24.812	2.3710	2.3936
#2	2.4243	24.199	2.3117	1.1422	24.544	2.3660	2.3958
#3	2.4277	24.111	2.3089	1.1458	24.471	2.3663	2.3190

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.763	4.7218	4.7957	F 4.4473	4.7912	4.6264	4.7540
Stddev	.175	.0036	.0142	.0062	.0114	.0115	.0111
%RSD	.73655	.07554	.29673	.13950	.23740	.24940	.23301

#1	23.963	4.7197	4.8107	4.4468	4.8038	4.6139	4.7668
#2	23.686	4.7259	4.7823	4.4538	4.7818	4.6287	4.7469
#3	23.640	4.7197	4.7940	4.4414	4.7881	4.6366	4.7484

Sample Name: CCV10 Acquired: 12/27/2018 21:19:36 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8908	4.614	4.8067	F<.00000	F 1.9433
Stddev	.0317	.007	.0161	.19196	.5365
%RSD	.64885	.1476	.33574	22.420	27.606
#1	4.9262	4.622	4.7925	-.89185	1.9151
#2	4.8814	4.611	4.8243	-1.0278	2.4933
#3	4.8649	4.609	4.8033	-.64891	1.4215
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.9	70607.	5008.6	105.28	3875.9
Stddev	1.0	82.	29.8	1.96	2.2
%RSD	.03073	.11651	.59589	1.8654	.05689
#1	3260.0	70534.	4974.2	104.05	3874.1
#2	3260.8	70696.	5024.6	104.24	3878.3
#3	3262.0	70592.	5027.0	107.54	3875.2

Sample Name: CCB10 Acquired: 12/27/2018 21:23:24 Type: Unk
Method: P4-ICP2(v2686) 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	.00095	.00243	.00151	.00342	-.00040	-.00003	-.00262
Stddev	.00050	.00074	.00052	.00117	.00049	.00665	.00108
%RSD	52.953	30.241	34.262	34.057	121.63	24575.	41.236

#1	.00150	.00313	.00207	.00331	-.00041	-.00051	-.00309
#2	.00086	.00251	.00138	.00464	-.00089	.00685	-.00339
#3	.00050	.00166	.00106	.00231	.00009	-.00643	-.00139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00008	.00659	-.00046	-.00005	.00038	-.00543
Stddev	.00002	.00004	.00723	.00038	.00010	.00019	.00823
%RSD	31.070	51.985	109.71	81.457	222.87	50.492	151.71

#1	-.00007	.00011	.01429	-.00067	.00007	.00043	-.00955
#2	-.00005	.00009	.00551	-.00003	-.00013	.00055	.00405
#3	-.00010	.00003	-.00004	-.00069	-.00008	.00017	-.01079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.06186	.00098	-.00022	.13332	.00045	.00070
Stddev	.00003	.05379	.00015	.00047	.00508	.00033	.00005
%RSD	16.291	86.946	15.086	212.80	3.8084	72.668	6.5162

#1	.00015	.00008	.00103	-.00076	.13124	.00018	.00075
#2	.00021	.09821	.00082	-.00005	.12962	.00082	.00066
#3	.00018	.08730	.00110	.00014	.13911	.00037	.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07694	.00010	.00543	-.00391	-.00244	.00220	-.00149
Stddev	.02171	.00017	.00452	.00072	.00113	.00050	.00088
%RSD	28.219	167.23	83.226	18.310	46.535	22.836	58.962

#1	.09464	.00023	.00774	-.00442	-.00283	.00275	-.00061
#2	.05271	-.00009	.00833	-.00309	-.00332	.00206	-.00237
#3	.08345	.00017	.00022	-.00422	-.00116	.00177	-.00150

Sample Name: CCB10 Acquired: 12/27/2018 21:23:24 Type: Unk
 Method: P4-ICP2(v2686) 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	.00209	.0022	.00011	F<.00000	F .37396
Stddev	.00043	.0008	.00003	.50296	.69699
%RSD	20.442	36.91	23.591	11.364	186.38
#1	.00160	.0027	.00014	-5.0067	.49503
#2	.00238	.0012	.00009	-4.1315	1.0025
#3	.00230	.0026	.00009	-4.1396	-.37563
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.0	74200.	5030.9	111.23	4467.5
Stddev	21.3	307.	37.7	1.22	27.1
%RSD	.61865	.41438	.75020	1.0987	.60632
#1	3420.1	74372.	4992.6	112.64	4447.3
#2	3434.8	73845.	5068.1	110.52	4456.8
#3	3462.0	74383.	5032.0	110.53	4498.3

Sample Name: J6563-03 Acquired: 12/27/2018 21:27:33 Type: Unk
Method: P4-ICP2(v2686) 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	.00091	.00289	.00161	-.00091	-.00116	-.00918	-.00238	-.00003
Stddev	.00049	.00032	.00012	.00103	.00011	.01033	.00055	.00002
%RSD	53.994	11.232	7.5749	113.69	9.1603	112.46	23.178	76.452

#1	.00125	.00313	.00173	.00028	-.00111	-.00503	-.00193	-.00001
#2	.00035	.00301	.00162	-.00161	-.00128	-.00158	-.00221	-.00005
#3	.00114	.00252	.00149	-.00140	-.00109	-.02094	-.00299	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.01921	-.00031	-.00003	-.00007	-.00500	-.00004	.04215
Stddev	.00003	.01379	.00013	.00022	.00017	.00097	.00004	.00703
%RSD	29.619	71.810	40.759	744.08	245.99	19.290	85.807	16.668

#1	.00009	.03504	-.00017	.00021	.00008	-.00602	-.00008	.05003
#2	.00014	.01278	-.00033	-.00021	-.00003	-.00489	-.00004	.03984
#3	.00008	.00980	-.00042	-.00009	-.00026	-.00410	-.00001	.03656

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00054	.12759	.00038	.00163	.09514	-.00003	-.00738
Stddev	.00013	.00020	.00648	.00034	.00006	.01525	.00009	.00500
%RSD	9.5622	37.821	5.0825	88.774	3.9266	16.027	352.71	67.776

#1	.00117	-.00050	.12012	.00042	.00159	.11250	-.00001	-.00895
#2	.00139	-.00035	.13096	.00069	.00159	.08392	.00006	-.00178
#3	.00139	-.00075	.13170	.00002	.00170	.08900	-.00012	-.01141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00357	.00044	-.00154	-.00180	.0061	.00023	<.00000
Stddev	.00108	.00084	.00038	.00031	.00061	.0015	.00010	.02870
%RSD	115.33	23.675	85.195	20.300	33.660	24.17	42.573	.53087

#1	-.00048	-.00379	.00001	-.00170	-.00211	.0078	.00019	-5.4385
#2	-.00217	-.00428	.00059	-.00173	-.00220	.0050	.00016	-5.3997
#3	-.00016	-.00263	.00073	-.00118	-.00110	.0057	.00034	-5.3824

Sample Name: J6563-03 Acquired: 12/27/2018 21:27:33 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .38777
Stddev .32680
%RSD 84.276

#1 .04447
#2 .42374
#3 .69509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.5	76772.	5203.1	116.36	4694.1
Stddev	56.0	591.	105.8	.80	72.8
%RSD	1.5801	.76943	2.0328	.68883	1.5502

#1	3480.7	77454.	5106.0	115.49	4610.5
#2	3585.4	76418.	5315.8	117.08	4742.7
#3	3567.5	76445.	5187.7	116.50	4729.2

Sample Name: J6566-14 Acquired: 12/27/2018 21:31:42 Type: Unk
Method: P4-ICP2(v2686) 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	.00146	.00304	-.00125	.00053	-.00177	-.00574	-.00373	-.00002
Stddev	.00058	.00059	.00012	.00061	.00088	.00376	.00066	.00002
%RSD	39.954	19.391	9.2693	114.53	49.551	65.402	17.669	130.44

#1	.00153	.00288	-.00112	-.00001	-.00076	-.00985	-.00318	-.00004
#2	.00084	.00255	-.00133	.00041	-.00237	-.00490	-.00355	-.00001
#3	.00200	.00369	-.00130	.00119	-.00218	-.00248	-.00446	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00831	-.00021	-.00007	.00030	-.00424	-.00016	.03664
Stddev	.00003	.01018	.00003	.00013	.00047	.00411	.00005	.02544
%RSD	23761.	122.45	13.126	183.52	155.32	96.901	34.202	69.425

#1	-.00002	.00310	-.00018	-.00014	.00081	-.00222	-.00019	.02085
#2	.00004	-.01160	-.00024	.00008	.00022	-.00897	-.00018	.06598
#3	-.00001	-.01643	-.00020	-.00015	-.00012	-.00153	-.00009	.02308

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00050	.15044	.00049	.00370	.08341	-.00012	-.01100
Stddev	.00006	.00016	.00470	.00003	.00011	.00944	.00019	.00339
%RSD	3.9742	31.003	3.1211	6.2294	2.9125	11.320	168.73	30.807

#1	.00151	-.00044	.14990	.00048	.00379	.09355	-.00003	-.01201
#2	.00163	-.00039	.14605	.00046	.00358	.07487	.00002	-.01378
#3	.00159	-.00068	.15539	.00052	.00372	.08182	-.00034	-.00723

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	-.00871	.00006	-.00206	-.00139	.0055	.00014	<.00000
Stddev	.00300	.00065	.00067	.00061	.00035	.0005	.00004	.72997
%RSD	79.462	7.5121	1206.4	29.558	24.966	8.283	30.778	15.355

#1	.00195	-.00806	-.00006	-.00238	-.00154	.0051	.00010	-3.9120
#2	.00213	-.00937	-.00054	-.00136	-.00163	.0055	.00019	-5.2109
#3	.00723	-.00868	.00077	-.00245	-.00099	.0060	.00013	-5.1387

Sample Name: J6566-14 Acquired: 12/27/2018 21:31:42 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .52505
%RSD 62.296

#1 -.35088
#2 -1.3957
#3 -.78193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.9	75514.	5309.2	120.52	4842.0
Stddev	127.0	1250.	51.5	.89	171.3
%RSD	3.4802	1.6557	.97034	.73540	3.5372

#1	3636.6	74071.	5272.2	120.43	4827.3
#2	3783.1	76263.	5287.3	121.44	5020.1
#3	3530.1	76208.	5368.0	119.68	4678.5

Sample Name: J6567-01 Acquired: 12/27/2018 21:35:52 Type: Unk
Method: P4-ICP2(v2686) 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	.00047	-.00171	.00377	.00190	-.00241	.09114	.10493	-.00005
Stddev	.00163	.00091	.00015	.00224	.00122	.01190	.00043	.00001
%RSD	346.63	53.031	3.9218	118.24	50.823	13.055	.41072	19.881
#1	.00205	-.00153	.00391	.00387	-.00100	.08226	.10446	-.00004
#2	.00059	-.00270	.00362	-.00055	-.00326	.08651	.10531	-.00005
#3	-.00122	-.00091	.00379	.00237	-.00296	.10466	.10502	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	183.01	-.00009	.00001	.04737	3.6507	.59032	47.972
Stddev	.00002	.35	.00012	.00007	.00045	.1195	.00023	.230
%RSD	35.613	.19089	134.26	883.65	.94542	3.2724	.03836	.47936
#1	-.00006	182.83	-.00008	-.00004	.04689	3.5165	.59038	47.719
#2	-.00005	183.41	-.00021	.00008	.04778	3.6901	.59051	48.029
#3	-.00003	182.78	.00003	-.00002	.04745	3.7455	.59007	48.168
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	-.00041	91.351	.00140	.03745	17.569	.00146	.12923
Stddev	.00014	.00009	.359	.00008	.00095	.027	.00013	.00296
%RSD	5.3428	22.818	.39252	5.4474	2.5289	.15423	9.0602	2.2884
#1	.00274	-.00030	91.714	.00137	.03635	17.579	.00142	.12773
#2	.00249	-.00049	91.341	.00135	.03796	17.589	.00161	.12733
#3	.00274	-.00043	90.997	.00149	.03803	17.538	.00135	.13264
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.518	8.3996	-.02092	-.00344	.01667	1.975	1.6493	.65214
Stddev	.439	.0359	.00036	.00125	.00054	.012	.0056	.33105
%RSD	.71285	.42730	1.7061	36.446	3.2632	.5926	.33699	50.764
#1	61.209	8.3892	-.02065	-.00312	.01674	1.962	1.6523	.29197
#2	62.020	8.4395	-.02133	-.00482	.01610	1.985	1.6527	.72127
#3	61.326	8.3700	-.02079	-.00238	.01719	1.979	1.6429	.94316

Sample Name: J6567-01 Acquired: 12/27/2018 21:35:52 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6828
Stddev	.0744
%RSD	4.4223

#1	1.7682
#2	1.6484
#3	1.6319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.9	67011.	4890.1	105.33	3682.8
Stddev	11.3	136.	26.5	2.58	19.5
%RSD	.37039	.20256	.54181	2.4517	.52939

#1	3058.5	66857.	4880.1	108.31	3690.0
#2	3036.5	67060.	4870.1	103.88	3660.7
#3	3051.7	67115.	4920.2	103.80	3697.7

Sample Name: J6575-01 Acquired: 12/27/2018 21:39:54 Type: Unk
Method: P4-ICP2(v2686) 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	.00843	-.00363	.78029	.01640	.08362	21.328	1.2702
Stddev	.00125	.00078	.00044	.00240	.00033	.146	.0155
%RSD	14.774	21.509	.05616	14.618	.39833	.68347	1.2183

#1	.00932	-.00448	.78048	.01916	.08383	21.277	1.2881
#2	.00895	-.00348	.78060	.01485	.08379	21.492	1.2619
#3	.00701	-.00294	.77979	.01518	.08324	21.214	1.2606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	.01302	134.68	.20517	.07051	.89090	109.50
Stddev	.00003	.00024	1.13	.00213	.00041	.00261	1.34
%RSD	1.7137	1.8114	.83860	1.0365	.57815	.29305	1.2274

#1	.00149	.01275	135.98	.20401	.07095	.88855	111.01
#2	.00144	.01314	134.18	.20762	.07042	.89043	109.05
#3	.00148	.01317	133.89	.20387	.07015	.89371	108.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7016	26.225	.20907	.00594	215.20	.14702	6.2540
Stddev	.0292	.288	.00115	.00005	4.04	.00156	.0965
%RSD	.62019	1.0986	.55096	.83965	1.8769	1.0643	1.5436

#1	4.6906	26.495	.21038	.00592	219.86	.14663	6.3587
#2	4.7347	25.922	.20821	.00600	212.77	.14875	6.2348
#3	4.6797	26.258	.20862	.00591	212.97	.14570	6.1685

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.773	1.9503	.97937	F 44.222	F 36.698	.05128	.73316
Stddev	.856	.0011	.01229	.067	.364	.00055	.00189
%RSD	1.0866	.05441	1.2554	.15128	.99244	1.0822	.25748

#1	79.732	1.9498	.98699	44.298	37.061	.05074	.73436
#2	78.497	1.9497	.98595	44.200	36.700	.05184	.73098
#3	78.088	1.9516	.96519	44.170	36.333	.05127	.73413

Sample Name: J6575-01 Acquired: 12/27/2018 21:39:54 Type: Unk
 Method: P4-ICP2(v2686) 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	.09209	6.102	.47034	.97639	F<.00000
Stddev	.00129	.008	.00376	.15375	.85586
%RSD	1.3957	.1332	.79836	15.747	3.5686
#1	.09326	6.110	.47463	.96633	-24.842
#2	.09071	6.102	.46873	1.1349	-23.976
#3	.09229	6.094	.46766	.82791	-23.131
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.7	67766.	5153.6	104.37	3555.4
Stddev	2.4	542.	54.6	1.63	7.1
%RSD	.07584	.80003	1.0595	1.5618	.19859
#1	3141.9	67909.	5092.5	102.62	3547.9
#2	3146.0	67167.	5171.0	104.66	3556.4
#3	3146.1	68222.	5197.5	105.84	3561.9

Sample Name: J6571-03 Acquired: 12/27/2018 21:44:03 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00250	-.00201	-.00292	.00599	.00271	.00412	.07366	-.00012
Stddev	.00068	.00034	.00117	.00331	.00038	.00280	.00081	.00004
%RSD	27.356	16.832	40.234	55.282	14.131	67.873	1.1062	34.732

#1	-.00174	-.00165	-.00203	.00968	.00266	.00393	.07421	-.00013
#2	-.00268	-.00232	-.00425	.00327	.00235	.00701	.07272	-.00016
#3	-.00307	-.00206	-.00247	.00503	.00311	.00142	.07404	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	4.2152	-.00036	-.00006	.00355	13.698	.51767	2.4017
Stddev	.00007	.0112	.00009	.00018	.00051	.187	.00044	.0181
%RSD	22.523	.26490	25.587	279.80	14.389	1.3655	.08426	.75427

#1	-.00025	4.2114	-.00045	-.00016	.00357	13.519	.51739	2.3875
#2	-.00039	4.2064	-.00035	-.00018	.00303	13.892	.51817	2.4221
#3	-.00030	4.2278	-.00027	.00014	.00406	13.684	.51745	2.3954

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00012	17.657	.00059	.04887	1.7149	-.00025	.33158
Stddev	.00040	.00025	.115	.00035	.00069	.0211	.00016	.00591
%RSD	25.802	213.57	.65324	58.875	1.4041	1.2292	64.991	1.7831

#1	.00109	.00035	17.742	.00099	.04885	1.7296	-.00030	.32475
#2	.00183	-.00015	17.704	.00035	.04957	1.6908	-.00007	.33499
#3	.00174	.00016	17.526	.00043	.04819	1.7244	-.00037	.33500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84540	.12772	.00181	-.00238	.00267	.0325	.00180	<.00000
Stddev	.00836	.00152	.00002	.00169	.00123	.0006	.00015	.24682
%RSD	.98927	1.1922	.96935	71.069	45.931	1.827	8.0982	7.9568

#1	.85466	.12947	.00183	-.00358	.00138	.0331	.00189	-2.8232
#2	.84315	.12671	.00180	-.00045	.00382	.0324	.00164	-3.1901
#3	.83839	.12698	.00180	-.00311	.00281	.0320	.00188	-3.2927

Sample Name: J6571-03 Acquired: 12/27/2018 21:44:03 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30061 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .13941
Stddev .24213
%RSD 173.68

#1 .34462
#2 .20125
#3 -.12764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.5	73252.	5062.6	110.42	4300.5
Stddev	32.9	376.	35.3	1.26	49.2
%RSD	.98829	.51369	.69682	1.1410	1.1438

#1	3288.1	72838.	5025.6	110.69	4243.8
#2	3338.7	73348.	5066.3	109.04	4325.4
#3	3349.7	73572.	5095.9	111.52	4332.2

Sample Name: J6571-04 Acquired: 12/27/2018 21:48:10 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 50082-50083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04259	-.01103	-.04809	.06641	.00510	-.00177	.03973
Stddev	.00114	.00142	.00064	.00112	.00104	.01084	.00103
%RSD	2.6750	12.878	1.3401	1.6808	20.485	612.66	2.5929

#1	-.04167	-.01085	-.04802	.06587	.00620	.00900	.03922
#2	-.04386	-.00970	-.04749	.06567	.00412	-.01269	.04091
#3	-.04223	-.01253	-.04877	.06769	.00498	-.00162	.03905

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00500	62.709	-.01956	-.00040	.06871	308.91
Stddev	.00010	.00014	.447	.00023	.00018	.00167	2.32
%RSD	14.920	2.7532	.71271	1.1992	43.722	2.4310	.75158

#1	.00058	-.00515	63.165	-.01982	-.00022	.06709	311.25
#2	.00078	-.00489	62.272	-.01936	-.00041	.06860	308.88
#3	.00074	-.00495	62.688	-.01952	-.00057	.07043	306.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6497	23.603	-.00432	.01209	239.23	.00380	.11667
Stddev	.0182	.124	.00080	.00023	2.44	.00073	.00111
%RSD	.18909	.52447	18.537	1.9165	1.0180	19.204	.95159

#1	9.6635	23.704	-.00470	.01235	241.98	.00389	.11781
#2	9.6566	23.465	-.00486	.01202	237.34	.00303	.11662
#3	9.6290	23.641	-.00340	.01191	238.37	.00449	.11559

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	112.06	-.00339	.09929	7.5543	.36459	.01182	-.00348
Stddev	.87	.00011	.00466	.0334	.00561	.00057	.00079
%RSD	.77829	3.2808	4.6902	.44225	1.5393	4.8008	22.800

#1	112.76	-.00327	.10325	7.5660	.36309	.01214	-.00261
#2	111.08	-.00340	.10046	7.5802	.35989	.01116	-.00367
#3	112.35	-.00349	.09416	7.5166	.37080	.01214	-.00416

Sample Name: J6571-04 Acquired: 12/27/2018 21:48:10 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 50082-50083 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01410	7.331	-.07591	<.00000	F<.00000
Stddev	.00157	.048	.00176	.31945	1.2607
%RSD	11.145	.6492	2.3173	195.92	.76479

#1	.01352	7.336	-.07636	.20579	-166.00
#2	.01290	7.376	-.07741	-.35168	-163.50
#3	.01588	7.281	-.07397	-.34325	-165.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3015.8	66006.	5044.3	102.66	3674.1
Stddev	16.0	220.	30.9	.89	25.2
%RSD	.53019	.33347	.61332	.86268	.68665

#1	3005.0	65795.	5010.4	101.75	3662.4
#2	3008.2	66234.	5070.9	102.72	3656.9
#3	3034.2	65989.	5051.5	103.52	3703.1

Sample Name: J6571-05 Acquired: 12/27/2018 21:52:27 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 50084-50085- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00900	-.00129	.01912	.00295	.00060	1.1938	.04745	-.00007
Stddev	.00091	.00020	.00053	.00066	.00039	.0099	.00057	.00005
%RSD	10.080	15.551	2.7956	22.319	65.939	.82686	1.2092	69.276

#1	.01003	-.00124	.01923	.00292	.00097	1.1834	.04727	-.00011
#2	.00832	-.00112	.01960	.00362	.00064	1.2030	.04698	-.00001
#3	.00866	-.00151	.01854	.00231	.00018	1.1951	.04809	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	8.1313	.00193	.00039	.00905	1.1200	.01822	1.2368
Stddev	.00006	.0439	.00041	.00016	.00023	.0252	.00010	.0086
%RSD	110.83	.54030	21.225	41.396	2.5862	2.2528	.55788	.69911

#1	-.00004	8.0806	.00156	.00033	.00931	1.1402	.01827	1.2303
#2	-.00012	8.1581	.00185	.00027	.00895	1.0917	.01810	1.2335
#3	-.00000	8.1552	.00237	.00058	.00888	1.1280	.01829	1.2466

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00060	27.458	.00542	.02477	1.3603	.00447	.04019
Stddev	.00029	.00010	.095	.00033	.00073	.0185	.00011	.00709
%RSD	11.265	16.769	.34704	6.0792	2.9350	1.3596	2.5410	17.635

#1	.00251	-.00065	27.551	.00537	.02561	1.3689	.00437	.04016
#2	.00227	-.00066	27.360	.00578	.02433	1.3729	.00443	.03312
#3	.00285	-.00048	27.463	.00513	.02437	1.3390	.00459	.04729

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6210	2.0481	-.00019	.04012	.00321	.0789	.04007	<.00000
Stddev	.0065	.0098	.00023	.00106	.00044	.0013	.00021	.71404
%RSD	.40143	.47691	121.04	2.6313	13.789	1.650	.53187	24.525

#1	1.6204	2.0520	.00005	.03986	.00270	.0776	.04031	-2.7520
#2	1.6278	2.0369	-.00021	.04128	.00342	.0791	.04001	-2.2906
#3	1.6149	2.0553	-.00040	.03922	.00351	.0802	.03990	-3.6917

Sample Name: J6571-05 Acquired: 12/27/2018 21:52:27 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 50084-50085- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .51035
 %RSD 157.37

#1 .03155
 #2 -.09541
 #3 -.90902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.6	72400.	4997.5	110.37	4244.4
Stddev	4.1	390.	32.9	2.62	2.4
%RSD	.12379	.53897	.65825	2.3761	.05616

#1	3307.1	72147.	4961.4	107.37	4246.9
#2	3307.4	72203.	5005.2	112.26	4242.2
#3	3314.4	72849.	5025.8	111.47	4244.0

Sample Name: J6571-09 Acquired: 12/27/2018 21:56:33 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 50087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	-.00097	.01269	.00157	.00037	.96405	.02127	-.00010
Stddev	.00087	.00135	.00104	.00101	.00067	.01700	.00030	.00004
%RSD	9.8395	140.06	8.1973	64.588	178.12	1.7639	1.4069	38.605

#1	.00785	-.00005	.01159	.00130	.00113	.94643	.02155	-.00006
#2	.00932	-.00032	.01280	.00072	-.00013	.96537	.02132	-.00009
#3	.00940	-.00252	.01366	.00269	.00012	.98036	.02095	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	7.7569	.00140	.00023	.00691	.73993	.01158	.99225
Stddev	.00004	.0574	.00012	.00005	.00021	.01626	.00008	.03442
%RSD	161.45	.73966	8.8255	23.565	3.0857	2.1976	.65527	3.4688

#1	.00006	7.7413	.00143	.00016	.00680	.74932	.01149	.96325
#2	.00001	7.7090	.00151	.00026	.00716	.72115	.01163	1.0303
#3	-.00001	7.8205	.00127	.00025	.00677	.74932	.01162	.98322

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	-.00019	23.966	.00576	.01385	1.1924	.00447	.02630
Stddev	.00020	.00030	.329	.00033	.00016	.0208	.00013	.00812
%RSD	9.8594	160.52	1.3710	5.6726	1.1556	1.7399	2.9815	30.858

#1	.00223	.00016	24.113	.00538	.01383	1.1752	.00461	.02472
#2	.00184	-.00036	24.195	.00594	.01403	1.2154	.00447	.03510
#3	.00215	-.00036	23.590	.00595	.01371	1.1864	.00434	.01910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8984	1.8650	.00015	.03645	.00141	.0705	.03614	<.00000
Stddev	.0092	.0225	.00025	.00091	.00118	.0004	.00021	.23209
%RSD	.48338	1.2047	159.43	2.5028	84.041	.5334	.58925	6.7989

#1	1.8930	1.8641	.00001	.03620	.00012	.0710	.03591	-3.6227
#2	1.8932	1.8880	.00002	.03746	.00167	.0703	.03631	-3.1639
#3	1.9090	1.8431	.00044	.03569	.00244	.0704	.03621	-3.4543

Sample Name: J6571-09 Acquired: 12/27/2018 21:56:33 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 50087 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .49363
 %RSD 312.49

#1 -.69759
 #2 -.04713
 #3 .27082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.5	72966.	5026.2	109.59	4296.5
Stddev	4.4	23.	63.0	1.16	6.0
%RSD	.13213	.03106	1.2544	1.0546	.13913

#1	3339.3	72941.	5000.4	109.22	4295.7
#2	3333.7	72973.	4980.1	108.67	4290.9
#3	3342.4	72984.	5098.0	110.89	4302.8

Sample Name: J6575-02 Acquired: 12/27/2018 22:00:39 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SS-122618-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00017	.00262	.00276	.00199	.17010	.04465	-.00001
Stddev	.00018	.00074	.00026	.00243	.00039	.01470	.00062	.00003
%RSD	107.78	429.42	9.8791	88.040	19.467	8.6435	1.3789	300.66

#1	-.00004	.00023	.00291	.00492	.00203	.15313	.04532	-.00004
#2	.00025	-.00059	.00251	.00322	.00236	.17817	.04410	-.00001
#3	.00028	.00088	.00243	.00013	.00158	.17900	.04453	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	15.178	.00094	.00607	.00680	1.1919	.48296	2.7355
Stddev	.00006	.036	.00008	.00010	.00024	.0091	.00007	.0335
%RSD	68.501	.23727	8.6375	1.6918	3.5990	.76077	.01465	1.2249

#1	.00002	15.153	.00100	.00598	.00653	1.1842	.48295	2.7704
#2	.00012	15.161	.00097	.00618	.00688	1.2019	.48290	2.7324
#3	.00011	15.219	.00085	.00605	.00700	1.1895	.48304	2.7036

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00904	-.00016	30.117	.00382	.31460	9.9644	.22835	.14966
Stddev	.00023	.00030	.262	.00043	.00149	.0362	.00017	.00537
%RSD	2.5073	186.21	.87021	11.192	.47243	.36329	.07398	3.5874

#1	.00898	-.00002	30.347	.00365	.31555	9.9375	.22843	.14358
#2	.00930	.00005	29.832	.00431	.31536	9.9501	.22846	.15170
#3	.00885	-.00051	30.173	.00350	.31289	10.006	.22815	.15372

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2315	1.7078	-.00056	.00416	.00631	.1826	.06095	<.00000
Stddev	.0097	.0170	.00035	.00236	.00082	.0014	.00016	.18525
%RSD	.22914	.99553	62.387	56.861	13.002	.7493	.26651	5.2137

#1	4.2370	1.7274	-.00096	.00688	.00538	.1841	.06091	-3.5650
#2	4.2372	1.6965	-.00031	.00266	.00695	.1813	.06081	-3.7322
#3	4.2203	1.6996	-.00042	.00293	.00658	.1824	.06113	-3.3623

Sample Name: J6575-02 Acquired: 12/27/2018 22:00:39 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SS-122618-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.69084
%RSD	225.42

#1	.46667
#2	-.52287
#3	-.86320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.9	73337.	5171.2	112.79	4243.2
Stddev	8.8	278.	64.1	1.12	11.3
%RSD	.26371	.37884	1.2397	.99208	.26572

#1	3336.9	73018.	5101.0	111.64	4235.7
#2	3350.1	73467.	5226.6	112.84	4237.8
#3	3353.7	73525.	5186.0	113.88	4256.2

Sample Name: J6575-02DUP Acquired: 12/27/2018 22:04:41 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-122618-AD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00115	.00191	.00270	.00240	.17912	.04464	-.00007
Stddev	.00139	.00061	.00083	.00072	.00031	.01398	.00079	.00007
%RSD	142.42	52.873	43.307	26.640	13.039	7.8075	1.7637	100.20

#1	-.00256	-.00174	.00096	.00264	.00258	.19417	.04525	-.00008
#2	-.00041	-.00053	.00231	.00201	.00204	.16653	.04375	.00000
#3	.00004	-.00117	.00247	.00344	.00258	.17666	.04493	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	15.178	.00136	.00593	.00644	1.2041	.48226	2.7011
Stddev	.00005	.065	.00031	.00027	.00080	.0142	.00147	.0386
%RSD	45.937	.42643	23.192	4.5966	12.423	1.1779	.30465	1.4307

#1	.00011	15.135	.00172	.00565	.00642	1.1989	.48063	2.6585
#2	.00005	15.147	.00113	.00619	.00725	1.1933	.48347	2.7109
#3	.00014	15.253	.00122	.00595	.00565	1.2201	.48269	2.7338

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00958	-.00052	30.193	.00381	.31614	9.9977	.22858	.15190
Stddev	.00004	.00044	.129	.00015	.00175	.0403	.00055	.00425
%RSD	.46488	84.910	.42679	3.8599	.55386	.40280	.23978	2.7953

#1	.00961	-.00019	30.297	.00365	.31430	9.9771	.22911	.15215
#2	.00959	-.00035	30.233	.00394	.31779	9.9718	.22801	.14754
#3	.00953	-.00103	30.049	.00384	.31633	10.044	.22862	.15602

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2258	1.7126	-.00071	.00381	.00662	.1834	.06070	<.00000
Stddev	.0129	.0210	.00052	.00100	.00145	.0008	.00026	.31916
%RSD	.30505	1.2260	73.626	26.162	21.873	.4415	.42387	8.6765

#1	4.2299	1.7122	-.00118	.00445	.00822	.1843	.06100	-3.4821
#2	4.2113	1.7338	-.00015	.00433	.00540	.1827	.06054	-4.0467
#3	4.2361	1.6919	-.00079	.00266	.00625	.1833	.06057	-3.5066

Sample Name: J6575-02DUP Acquired: 12/27/2018 22:04:41 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-122618-AD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.10630
%RSD	90.867

#1	-.11339
#2	-.01253
#3	-.22504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.3	73301.	5177.6	112.37	4248.7
Stddev	16.4	121.	31.7	.56	17.5
%RSD	.49042	.16537	.61206	.50197	.41158

#1	3331.7	73194.	5144.1	112.65	4232.6
#2	3348.7	73277.	5181.6	111.72	4246.1
#3	3364.5	73433.	5207.1	112.74	4267.3

Sample Name: CCV11 Acquired: 12/27/2018 22:08:43 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6598	4.6346	4.6441	4.6899	4.8402	9.1449	9.6549
Stddev	.0092	.0064	.0098	.0081	.0175	.1254	.0343
%RSD	.19794	.13783	.21135	.17277	.36186	1.3713	.35554

#1	4.6699	4.6299	4.6396	4.6988	4.8585	9.2737	9.6840
#2	4.6579	4.6320	4.6373	4.6829	4.8236	9.0232	9.6170
#3	4.6518	4.6419	4.6554	4.6880	4.8386	9.1377	9.6636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23909	2.3621	24.165	.93020	2.3198	1.1968	4.5163
Stddev	.00106	.0037	.024	.00920	.0035	.0019	.0559
%RSD	.44266	.15466	.09741	.98947	.15238	.15685	1.2376

#1	.23990	2.3584	24.138	.93772	2.3163	1.1987	4.5202
#2	.23790	2.3622	24.173	.91993	2.3198	1.1949	4.4586
#3	.23948	2.3657	24.183	.93295	2.3234	1.1970	4.5702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4273	24.426	2.3058	1.1335	24.966	2.3644	2.3732
Stddev	.0149	.143	.0039	.0084	.066	.0170	.0240
%RSD	.61544	.58398	.16996	.73786	.26471	.72097	1.0125

#1	2.4417	24.333	2.3049	1.1415	25.002	2.3809	2.3617
#2	2.4119	24.355	2.3023	1.1248	24.890	2.3469	2.3570
#3	2.4284	24.590	2.3100	1.1341	25.006	2.3654	2.4008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.724	4.7033	4.8124	F 4.4013	4.7795	4.6266	4.7736
Stddev	.063	.0122	.0281	.0073	.0321	.0069	.0065
%RSD	.26607	.25963	.58425	.16466	.67138	.14818	.13590

#1	23.743	4.7151	4.8448	4.3984	4.7432	4.6189	4.7698
#2	23.654	4.6907	4.7958	4.3960	4.7911	4.6287	4.7699
#3	23.775	4.7039	4.7965	4.4096	4.8041	4.6321	4.7811

Sample Name: CCV11 Acquired: 12/27/2018 22:08:43 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14425 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9212	4.599	4.7882	F<.00000	F 2.4584
Stddev	.0116	.002	.0650	.30276	.0403
%RSD	.23620	.0433	1.3578	32.446	1.6408
#1	4.9291	4.601	4.7154	-.65094	2.4944
#2	4.9078	4.597	4.8088	-1.2529	2.4148
#3	4.9266	4.599	4.8404	-.89546	2.4661
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.1	71127.	4963.2	106.19	3911.8
Stddev	9.4	565.	17.2	1.01	2.2
%RSD	.28717	.79469	.34604	.95303	.05573
#1	3273.6	70498.	4981.8	106.55	3910.1
#2	3291.9	71592.	4948.1	106.98	3914.2
#3	3286.7	71292.	4959.6	105.05	3911.0

Sample Name: CCB11 Acquired: 12/27/2018 22:12:32 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	.00277	.00104	.00346	-.00029	.00132	-.00287
Stddev	.00045	.00036	.00033	.00075	.00031	.00644	.00062
%RSD	25.387	12.991	31.223	21.704	105.78	489.99	21.676

#1	.00167	.00237	.00116	.00324	.00002	.00510	-.00269
#2	.00140	.00306	.00068	.00429	-.00030	-.00613	-.00357
#3	.00228	.00288	.00130	.00284	-.00060	.00497	-.00237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00003	.00497	-.00012	-.00007	.00061	-.00385
Stddev	.00002	.00009	.01204	.00017	.00010	.00027	.00253
%RSD	31.949	313.09	242.25	140.25	143.47	43.873	65.750

#1	-.00006	.00014	-.00577	-.00004	-.00013	.00081	-.00581
#2	-.00009	-.00003	.01798	-.00000	-.00014	.00030	-.00099
#3	-.00005	-.00002	.00269	-.00031	.00005	.00072	-.00473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.01219	.00087	-.00028	.12458	.00039	.00066
Stddev	.00005	.03536	.00008	.00010	.01036	.00015	.00008
%RSD	33.376	290.08	8.8778	36.704	8.3186	39.340	12.305

#1	.00022	.04136	.00078	-.00027	.11437	.00049	.00058
#2	.00011	.02234	.00092	-.00018	.13509	.00048	.00074
#3	.00015	-.02713	.00090	-.00038	.12428	.00021	.00066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08010	.00017	.00208	-.00398	-.00436	.00180	-.00217
Stddev	.00940	.00004	.00611	.00126	.00080	.00023	.00201
%RSD	11.742	22.805	293.64	31.544	18.319	12.822	92.598

#1	.08920	.00021	.00169	-.00308	-.00397	.00206	-.00102
#2	.07041	.00014	-.00382	-.00541	-.00383	.00171	-.00449
#3	.08068	.00015	.00837	-.00345	-.00528	.00162	-.00100

Sample Name: CCB11 Acquired: 12/27/2018 22:12:32 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14425 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00199	.0024	.00023	F<.00000	F .12182
Stddev	.00249	.0003	.00002	.34296	.25133
%RSD	125.20	10.56	8.4272	8.2640	206.31

#1	.00437	.0021	.00021	-3.9336	.22696
#2	-.00060	.0025	.00024	-3.9712	.30349
#3	.00219	.0026	.00024	-4.5455	-.16500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.4	74249.	5045.9	111.38	4439.6
Stddev	6.4	178.	32.5	1.23	7.8
%RSD	.18691	.24025	.64386	1.1036	.17668

#1	3416.6	74050.	5033.4	110.21	4431.6
#2	3429.3	74394.	5082.8	112.66	4447.2
#3	3424.3	74303.	5021.5	111.26	4440.1

Sample Name: J6575-02LX5 Acquired: 12/27/2018 22:16:42 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00128	-.00023	.00121	-.00029	.03347	.00616	-.00006
Stddev	.00183	.00112	.00019	.00111	.00118	.00855	.00059	.00003
%RSD	332.70	87.546	82.292	91.436	407.77	25.529	9.6292	53.373

#1	.00094	.00090	-.00001	.00021	-.00060	.02583	.00617	-.00009
#2	-.00145	.00039	-.00032	.00240	-.00129	.04270	.00557	-.00006
#3	.00216	.00253	-.00035	.00102	.00102	.03189	.00675	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	3.1217	.00011	.00111	.00173	.24402	.10181	.59963
Stddev	.00005	.0173	.00035	.00009	.00033	.00226	.00054	.03181
%RSD	179.20	.55465	321.73	8.3217	19.176	.92456	.53382	5.3054

#1	.00000	3.1017	.00051	.00103	.00207	.24662	.10123	.56342
#2	-.00001	3.1326	-.00013	.00110	.00171	.24291	.10230	.61235
#3	.00009	3.1306	-.00005	.00121	.00141	.24253	.10190	.62311

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	-.00034	6.3190	.00121	.06640	2.1518	.04611	.03137
Stddev	.00012	.00023	.0661	.00028	.00157	.0288	.00020	.00244
%RSD	4.5766	68.711	1.0463	22.969	2.3710	1.3370	.42857	7.7900

#1	.00247	-.00007	6.2697	.00089	.06763	2.1357	.04622	.02893
#2	.00254	-.00045	6.2931	.00142	.06463	2.1850	.04588	.03135
#3	.00270	-.00049	6.3941	.00130	.06695	2.1347	.04623	.03382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85548	.35889	.00096	-.00056	.00209	.0388	.01267	<.00000
Stddev	.00371	.00245	.00034	.00197	.00119	.0006	.00009	.71378
%RSD	.43349	.68383	35.447	348.96	57.156	1.592	.71381	15.675

#1	.85433	.35714	.00058	.00168	.00224	.0389	.01260	-4.3310
#2	.85963	.35782	.00124	-.00202	.00083	.0382	.01263	-5.3523
#3	.85249	.36169	.00106	-.00135	.00320	.0395	.01277	-3.9779

Sample Name: J6575-02LX5 Acquired: 12/27/2018 22:16:42 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.82800
%RSD	131.59

#1	.12210
#2	-.49288
#3	-1.5170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.9	74417.	5115.1	113.99	4393.6
Stddev	7.7	223.	36.7	2.76	9.7
%RSD	.22609	.30005	.71840	2.4174	.22077

#1	3393.6	74462.	5111.1	111.69	4382.6
#2	3408.8	74615.	5153.6	117.05	4400.9
#3	3403.4	74175.	5080.5	113.23	4397.4

Sample Name: J6575-02MS Acquired: 12/27/2018 22:20:50 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-122618-AM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70067	1.7182	.85601	1.7449	.73360	2.0266	.24784
Stddev	.00259	.0070	.00197	.0026	.00255	.0100	.00061
%RSD	.36939	.40689	.22981	.15054	.34743	.49239	.24677

#1	.70132	1.7133	.85387	1.7476	.73213	2.0250	.24854
#2	.69781	1.7151	.85774	1.7446	.73212	2.0372	.24754
#3	.70286	1.7262	.85642	1.7424	.73654	2.0175	.24744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17933	.17307	18.092	.37526	.18564	.29276	3.9893
Stddev	.00034	.00024	.049	.00167	.00048	.00040	.0590
%RSD	.18984	.14153	.27215	.44627	.25763	.13639	1.4779

#1	.17916	.17280	18.113	.37333	.18515	.29318	3.9251
#2	.17972	.17316	18.036	.37637	.18565	.29238	4.0020
#3	.17910	.17326	18.128	.37608	.18611	.29273	4.0409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73376	4.9098	.44789	.06200	36.875	.29209	.52288
Stddev	.00123	.0211	.00131	.00018	.203	.00043	.00557
%RSD	.16748	.42932	.29174	.29794	.55051	.14864	1.0654

#1	.73261	4.8884	.44640	.06182	37.108	.29259	.51795
#2	.73506	4.9106	.44844	.06219	36.740	.29178	.52175
#3	.73362	4.9305	.44883	.06197	36.776	.29191	.52892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.247	.62118	.43008	4.7215	2.7582	.57918	.18422
Stddev	.125	.00100	.00664	.0032	.0251	.00279	.00220
%RSD	.61608	.16161	1.5446	.06822	.90957	.48180	1.1959

#1	20.390	.62226	.42716	4.7200	2.7848	.57596	.18291
#2	20.161	.62026	.43768	4.7194	2.7349	.58059	.18299
#3	20.191	.62103	.42540	4.7252	2.7548	.58098	.18676

Sample Name: J6575-02MS Acquired: 12/27/2018 22:20:50 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SS-122618-AM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20578	4.981	.25100	<.00000	F<.00000
Stddev	.00174	.011	.00179	.38777	.31474
%RSD	.84795	.2196	.71382	23.373	10.616

#1	.20656	4.972	.25300	-1.9774	-3.2354
#2	.20700	4.978	.25048	-1.2272	-3.0394
#3	.20378	4.993	.24953	-1.7726	-2.6194

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.0	71887.	5078.4	111.23	4135.6
Stddev	14.2	222.	43.8	.90	9.1
%RSD	.43289	.30863	.86213	.80614	.21897

#1	3275.0	71993.	5028.3	112.11	4126.7
#2	3295.7	71632.	5109.3	111.25	4135.1
#3	3302.3	72036.	5097.5	110.32	4144.8

Sample Name: J6575-02MSD Acquired: 12/27/2018 22:24:34 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-122618-AM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69545	1.7159	.85443	1.7420	.72945	2.0305	.24998
Stddev	.00433	.0074	.00465	.0064	.00528	.0023	.00527
%RSD	.62194	.42897	.54463	.36801	.72352	.11315	2.1073

#1	.69930	1.7242	.85974	1.7492	.73412	2.0308	.25606
#2	.69627	1.7136	.85246	1.7371	.73052	2.0327	.24698
#3	.69077	1.7100	.85108	1.7396	.72372	2.0281	.24689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17930	.17284	18.314	.37568	.18615	.29235	4.1315
Stddev	.00047	.00059	.283	.00336	.00055	.00181	.1441
%RSD	.26152	.34242	1.5474	.89422	.29546	.61913	3.4883

#1	.17905	.17351	18.642	.37651	.18672	.29404	4.2940
#2	.17902	.17261	18.156	.37199	.18610	.29258	4.0189
#3	.17984	.17240	18.145	.37856	.18562	.29044	4.0818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73256	4.9900	.44727	.06189	37.200	.29140	.53892
Stddev	.00138	.0637	.00093	.00017	.782	.00030	.02053
%RSD	.18891	1.2772	.20681	.26753	2.1012	.10385	3.8096

#1	.73281	5.0629	.44829	.06170	38.103	.29123	.56118
#2	.73107	4.9453	.44704	.06202	36.739	.29121	.52072
#3	.73380	4.9617	.44648	.06194	36.758	.29174	.53487

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.416	.61985	.43494	4.7012	2.7776	.57928	.18713
Stddev	.437	.00247	.00481	.0067	.0721	.00254	.00408
%RSD	2.1400	.39822	1.1068	.14283	2.5973	.43812	2.1824

#1	20.914	.62191	.43952	4.7084	2.8606	.58219	.19181
#2	20.098	.62052	.42992	4.7001	2.7302	.57809	.18528
#3	20.236	.61711	.43539	4.6951	2.7420	.57755	.18430

Sample Name: J6575-02MSD Acquired: 12/27/2018 22:24:34 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SS-122618-AM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20908	4.965	.25441	<.00000	F<.00000
Stddev	.00424	.011	.00656	.61574	.61142
%RSD	2.0256	.2147	2.5777	33.280	19.573
#1	.21372	4.976	.26193	-1.3589	-2.4224
#2	.20812	4.966	.25141	-2.5409	-3.4051
#3	.20542	4.954	.24989	-1.6507	-3.5440
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.4	72141.	5053.2	108.79	4167.3
Stddev	22.3	156.	118.9	4.20	24.2
%RSD	.67179	.21623	2.3534	3.8579	.58044
#1	3300.5	71965.	4916.0	104.12	4148.8
#2	3309.1	72263.	5117.7	112.25	4158.5
#3	3342.7	72195.	5126.0	110.00	4194.7

Sample Name: J6575-02A Acquired: 12/27/2018 22:28:19 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69195	1.7103	.85322	1.7336	.73089	2.0221	.24443
Stddev	.00166	.0042	.00267	.0058	.00515	.0124	.00387
%RSD	.23989	.24690	.31297	.33215	.70436	.61148	1.5838

#1	.69018	1.7121	.85433	1.7379	.73680	2.0171	.24574
#2	.69221	1.7132	.85516	1.7358	.72734	2.0130	.24747
#3	.69347	1.7054	.85017	1.7271	.72855	2.0362	.24007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17926	.17240	17.890	.37378	.18532	.29088	4.0174
Stddev	.00028	.00027	.204	.00101	.00074	.00138	.1006
%RSD	.15377	.15744	1.1410	.26993	.40130	.47578	2.5048

#1	.17933	.17254	17.820	.37401	.18553	.29132	4.1030
#2	.17896	.17257	18.119	.37465	.18593	.29199	4.0427
#3	.17950	.17209	17.729	.37267	.18449	.28933	3.9066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73268	4.9187	.44681	.06162	36.458	.29025	.52541
Stddev	.00179	.0403	.00107	.00043	.709	.00058	.01486
%RSD	.24437	.81871	.23863	.70390	1.9446	.20085	2.8286

#1	.73474	4.8769	.44731	.06209	36.614	.29079	.53925
#2	.73147	4.9572	.44753	.06124	37.076	.28964	.52729
#3	.73183	4.9219	.44558	.06153	35.684	.29033	.50970

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.964	.61723	.42024	4.6860	2.7159	.57924	.18188
Stddev	.350	.00214	.00860	.0194	.0497	.00053	.00286
%RSD	1.7512	.34669	2.0476	.41480	1.8295	.09209	1.5702

#1	20.031	.61853	.42023	4.7000	2.7318	.57957	.18065
#2	20.275	.61840	.42885	4.6942	2.7557	.57953	.18515
#3	19.585	.61476	.41164	4.6638	2.6602	.57862	.17985

Sample Name: J6575-02A Acquired: 12/27/2018 22:28:19 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20360	4.957	.24894	<.00000	F<.00000
Stddev	.00236	.025	.00529	.17095	.25494
%RSD	1.1602	.5021	2.1249	8.2903	8.2462
#1	.20438	4.969	.24977	-1.9317	-2.9319
#2	.20548	4.974	.25376	-1.9988	-3.3857
#3	.20095	4.928	.24328	-2.2556	-2.9573
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.0	72575.	5168.9	111.45	4166.4
Stddev	14.5	327.	99.7	3.40	15.9
%RSD	.43851	.45046	1.9285	3.0537	.38269
#1	3301.7	72244.	5137.3	108.27	4149.8
#2	3322.2	72583.	5088.9	111.03	4167.7
#3	3329.9	72898.	5280.6	115.04	4181.6

Sample Name: J6195-12 Acquired: 12/27/2018 22:32:04 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00010	.00415	.00610	-.00074	.09755	.09413	-.00002
Stddev	.00138	.00046	.00081	.00209	.00027	.00290	.00142	.00002
%RSD	1100.5	455.10	19.546	34.314	35.912	2.9773	1.5096	149.79

#1	-.00086	-.00040	.00395	.00627	-.00044	.09545	.09254	-.00002
#2	-.00046	.00022	.00346	.00810	-.00088	.09633	.09526	.00001
#3	.00170	.00049	.00504	.00393	-.00091	.10086	.09461	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	11.072	-.00005	.00256	.00426	.15185	.67790	.96829
Stddev	.00002	.197	.00029	.00015	.00071	.00342	.00030	.03590
%RSD	14.541	1.7813	526.10	6.0295	16.579	2.2536	.04451	3.7071

#1	.00013	10.848	-.00036	.00262	.00423	.14860	.67800	.93408
#2	.00012	11.151	.00022	.00238	.00499	.15155	.67814	1.0057
#3	.00009	11.218	-.00003	.00267	.00357	.15542	.67756	.96513

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	-.00024	286.39	.00048	.01802	.63632	-.00002	.00539
Stddev	.00039	.00031	4.58	.00022	.00041	.00982	.00005	.00706
%RSD	16.239	128.59	1.5975	45.665	2.2579	1.5437	299.76	131.14

#1	.00272	.00007	281.57	.00027	.01763	.62603	-.00006	.00556
#2	.00252	-.00055	286.94	.00046	.01799	.64559	.00003	-.00176
#3	.00197	-.00025	290.67	.00070	.01844	.63734	-.00002	.01236

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11419	.36427	.00076	-.00041	.00232	.0058	.04493	<.00000
Stddev	.00101	.00974	.00049	.00081	.00092	.0006	.00069	.31000
%RSD	.88651	2.6751	64.523	199.61	39.707	10.87	1.5250	51.636

#1	.11327	.35612	.00048	-.00062	.00126	.0052	.04414	-.42366
#2	.11401	.36163	.00047	.00049	.00291	.0058	.04533	-.41909
#3	.11528	.37507	.00132	-.00109	.00278	.0065	.04532	-.95829

Sample Name: J6195-12 Acquired: 12/27/2018 22:32:04 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1014
Stddev	.2296
%RSD	20.847

#1	1.0800
#2	.88329
#3	1.3410

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.9	68890.	5093.4	110.89	3833.7
Stddev	44.0	159.	72.3	2.01	53.5
%RSD	1.3780	.23042	1.4199	1.8084	1.3966

#1	3197.3	68757.	5162.8	113.00	3844.2
#2	3229.7	68848.	5098.9	110.67	3881.2
#3	3142.7	69065.	5018.5	109.01	3775.7

Sample Name: J6195-12DUP Acquired: 12/27/2018 22:36:19 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00046	.00394	.00431	-.00074	.11345	.09546	-.00003
Stddev	.00159	.00067	.00080	.00136	.00114	.01292	.00146	.00001
%RSD	10502.	145.91	20.190	31.556	154.71	11.388	1.5322	47.002

#1	-.00173	.00011	.00422	.00561	.00026	.12575	.09707	-.00003
#2	.00039	-.00029	.00456	.00444	-.00197	.11463	.09420	-.00001
#3	.00138	-.00120	.00304	.00289	-.00050	.09999	.09512	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	11.290	.00013	.00265	.00408	.15079	.68475	.96697
Stddev	.00001	.028	.00021	.00010	.00025	.00383	.00129	.02337
%RSD	16.571	.24816	163.55	3.6770	6.0588	2.5378	.18806	2.4167

#1	.00007	11.261	.00036	.00274	.00394	.14777	.68359	.95561
#2	.00009	11.292	-.00004	.00255	.00395	.15509	.68452	.95145
#3	.00006	11.317	.00006	.00266	.00437	.14950	.68613	.99385

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00048	291.05	.00069	.01799	.62695	-.00010	.00574
Stddev	.00021	.00010	5.72	.00038	.00045	.01400	.00034	.00516
%RSD	8.5141	19.641	1.9655	54.401	2.5203	2.2332	325.54	89.799

#1	.00218	-.00051	292.01	.00098	.01843	.64287	.00022	.00555
#2	.00246	-.00038	284.91	.00026	.01752	.61654	-.00008	.01100
#3	.00258	-.00057	296.22	.00084	.01803	.62145	-.00045	.00068

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11332	.37306	.00123	-.00122	.00220	.0063	.04597	<.00000
Stddev	.00091	.00948	.00066	.00132	.00063	.0003	.00015	.71421
%RSD	.80646	2.5400	53.769	107.59	28.521	4.396	.33621	166.37

#1	.11423	.36982	.00148	.00030	.00192	.0066	.04601	.10677
#2	.11334	.36562	.00048	-.00197	.00292	.0061	.04611	-.15457
#3	.11240	.38372	.00174	-.00200	.00177	.0063	.04581	-1.2401

Sample Name: J6195-12DUP Acquired: 12/27/2018 22:36:19 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2861
Stddev	.5038
%RSD	39.175

#1	1.2769
#2	.78690
#3	1.7944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.8	68387.	5005.6	109.94	3831.2
Stddev	8.5	220.	75.8	2.03	7.6
%RSD	.26693	.32148	1.5140	1.8458	.19763

#1	3178.6	68394.	4980.4	108.25	3823.5
#2	3183.6	68164.	5090.7	112.19	3831.5
#3	3195.2	68604.	4945.6	109.38	3838.7

Sample Name: J6195-12LX5 Acquired: 12/27/2018 22:40:36 Type: Unk
Method: P4-ICP2(v2686) 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	.00026	.00143	.00093	.00014	-.00109	.01989	.01861	-.00010
Stddev	.00067	.00045	.00026	.00211	.00109	.00874	.00016	.00004
%RSD	261.86	31.390	27.397	1546.9	100.24	43.934	.84867	45.595

#1	-.00041	.00173	.00122	-.00014	-.00198	.02454	.01876	-.00006
#2	.00093	.00163	.00084	-.00182	-.00142	.02531	.01845	-.00015
#3	.00024	.00091	.00074	.00237	.00013	.00981	.01864	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	2.3718	-.00033	.00048	.00094	.02844	.14370	.22338
Stddev	.00005	.0180	.00019	.00020	.00012	.00376	.00038	.02274
%RSD	524.01	.76014	57.531	41.329	12.265	13.202	.26735	10.181

#1	.00007	2.3557	-.00047	.00029	.00085	.02991	.14337	.24176
#2	-.00003	2.3685	-.00041	.00047	.00107	.03124	.14360	.23042
#3	-.00001	2.3913	-.00011	.00068	.00089	.02418	.14412	.19795

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00005	61.715	.00049	.00514	.19065	-.00008	-.00226
Stddev	.00017	.00026	.143	.00027	.00010	.01993	.00021	.00284
%RSD	24.347	513.31	.23114	54.795	1.8638	10.454	258.45	125.73

#1	.00056	-.00010	61.876	.00032	.00515	.20517	.00014	-.00295
#2	.00063	-.00010	61.603	.00034	.00524	.16793	-.00010	-.00470
#3	.00088	.00036	61.667	.00079	.00504	.19886	-.00028	.00086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01898	.07546	.00143	-.00147	.00307	.0029	.00964	<.00000
Stddev	.00133	.00123	.00058	.00157	.00070	.0006	.00008	.22589
%RSD	7.0184	1.6236	40.671	106.73	22.921	19.85	.87590	17.856

#1	.02025	.07635	.00190	.00031	.00388	.0032	.00962	-1.5259
#2	.01911	.07406	.00161	-.00267	.00279	.0033	.00973	-1.1400
#3	.01759	.07596	.00078	-.00205	.00256	.0022	.00957	-1.1294

Sample Name: J6195-12LX5 Acquired: 12/27/2018 22:40:36 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.52673
Stddev	.52912
%RSD	100.45

#1	.25288
#2	1.1366
#3	.19067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.7	70053.	4845.7	107.87	4140.4
Stddev	19.5	177.	42.2	2.14	26.0
%RSD	.59026	.25329	.87075	1.9809	.62740

#1	3291.5	70227.	4797.4	107.18	4114.9
#2	3313.2	69873.	4864.5	106.17	4139.6
#3	3330.5	70059.	4875.2	110.27	4166.8

Sample Name: J6195-12MS Acquired: 12/27/2018 22:44:45 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74360	1.7652	.90680	1.8713	.75878	2.0484	.29982
Stddev	.00708	.0148	.00546	.0151	.00609	.0196	.00536
%RSD	.95183	.84029	.60210	.80618	.80283	.95737	1.7893

#1	.75113	1.7823	.91273	1.8871	.76564	2.0272	.30418
#2	.73708	1.7559	.90198	1.8570	.75402	2.0659	.30145
#3	.74259	1.7573	.90570	1.8696	.75667	2.0520	.29383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19489	.19022	12.594	.39359	.19338	.29580	2.9084
Stddev	.00077	.00116	.047	.00303	.00164	.00211	.0711
%RSD	.39259	.60958	.37221	.77020	.85011	.71448	2.4457

#1	.19401	.19156	12.598	.39013	.19522	.29810	2.9800
#2	.19540	.18946	12.546	.39486	.19205	.29393	2.9074
#3	.19527	.18965	12.639	.39577	.19288	.29537	2.8378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90124	3.0266	.47290	.06620	299.07	.30350	.20744
Stddev	.00376	.0275	.00340	.00071	2.83	.00206	.00656
%RSD	.41667	.90847	.71907	1.0702	.94717	.67721	3.1641

#1	.89701	3.0451	.47666	.06579	302.29	.30114	.21486
#2	.90253	2.9950	.47004	.06580	296.94	.30488	.20505
#3	.90418	3.0396	.47200	.06702	297.99	.30449	.20241

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.423	.37459	.28737	.10730	1.2138	.62321	.18620
Stddev	.019	.00304	.00473	.00290	.0164	.00469	.00164
%RSD	.18131	.81130	1.6473	2.7048	1.3504	.75210	.88203

#1	10.427	.37804	.28192	.11010	1.2290	.62856	.18564
#2	10.440	.37231	.29051	.10748	1.1964	.61983	.18490
#3	10.403	.37341	.28967	.10431	1.2160	.62125	.18804

Sample Name: J6195-12MS Acquired: 12/27/2018 22:44:45 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20570	5.322	.23423	.86590	F<.00000
Stddev	.00153	.058	.00271	.38013	.45523
%RSD	.74291	1.080	1.1574	43.900	27.638

#1	.20395	5.388	.23736	.49459	-1.9274
#2	.20676	5.288	.23254	1.2543	-1.1219
#3	.20639	5.290	.23280	.84882	-1.8922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.5	66898.	4824.4	105.61	3764.7
Stddev	24.5	237.	55.4	3.28	30.4
%RSD	.78123	.35384	1.1478	3.1061	.80857

#1	3107.5	67167.	4760.6	102.00	3731.8
#2	3136.9	66720.	4859.5	106.40	3770.2
#3	3156.1	66808.	4853.2	108.42	3792.0

Sample Name: J6195-12MSD Acquired: 12/27/2018 22:48:41 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76474	1.8035	.93275	1.9248	.77996	2.0872	.30885
Stddev	.00397	.0117	.00461	.0127	.00556	.0212	.00069
%RSD	.51890	.65007	.49412	.65960	.71350	1.0161	.22224

#1	.76554	1.8039	.93163	1.9339	.78061	2.0637	.30964
#2	.76043	1.7915	.92880	1.9103	.77409	2.1048	.30850
#3	.76825	1.8150	.93782	1.9301	.78517	2.0932	.30841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19976	.19503	12.939	.40409	.19829	.30275	3.0158
Stddev	.00092	.00079	.070	.00328	.00102	.00135	.0173
%RSD	.46165	.40292	.54201	.81174	.51452	.44458	.57213

#1	.19985	.19456	12.863	.40695	.19830	.30197	2.9968
#2	.20063	.19459	12.954	.40481	.19726	.30197	3.0305
#3	.19879	.19593	13.001	.40051	.19930	.30430	3.0199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92613	3.0578	.48510	.06805	305.56	.31243	.21418
Stddev	.00338	.0311	.00211	.00092	2.32	.00093	.00111
%RSD	.36443	1.0184	.43440	1.3511	.76016	.29773	.52005

#1	.92935	3.0245	.48486	.06869	304.41	.31338	.21507
#2	.92641	3.0861	.48313	.06847	304.04	.31241	.21453
#3	.92262	3.0629	.48732	.06699	308.23	.31152	.21293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.609	.38341	.29448	.11080	1.2575	.63755	.19007
Stddev	.034	.00217	.00787	.00184	.0083	.00491	.00243
%RSD	.31649	.56696	2.6735	1.6608	.65801	.77066	1.2804

#1	10.623	.38407	.29449	.10917	1.2645	.63621	.19045
#2	10.571	.38098	.28659	.11043	1.2598	.63346	.18747
#3	10.633	.38517	.30234	.11279	1.2484	.64300	.19229

Sample Name: J6195-12MSD Acquired: 12/27/2018 22:48:41 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21229	5.464	.24190	1.3699	F<.00000
Stddev	.00173	.031	.00141	.3402	.29829
%RSD	.81691	.5746	.58127	24.832	20.147

#1	.21219	5.462	.24281	1.6779	-1.2296
#2	.21061	5.434	.24261	1.4270	-1.4017
#3	.21408	5.497	.24028	1.0048	-1.8104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.7	65616.	4725.1	102.89	3699.2
Stddev	8.5	236.	24.3	.83	11.0
%RSD	.27732	.35951	.51378	.80959	.29708

#1	3073.9	65346.	4697.2	102.39	3690.1
#2	3091.0	65721.	4741.6	102.42	3711.4
#3	3083.3	65781.	4736.5	103.85	3696.1

Sample Name: J6195-12A Acquired: 12/27/2018 22:52:38 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7852 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75282	1.7699	.91469	1.8947	.76698	2.0854	.30749
Stddev	.00920	.0223	.01264	.0214	.00930	.0232	.00209
%RSD	1.2224	1.2602	1.3822	1.1302	1.2129	1.1104	.67841

#1	.75909	1.7876	.92451	1.9043	.77244	2.0593	.30981
#2	.75711	1.7773	.91914	1.9096	.77227	2.1035	.30578
#3	.74226	1.7448	.90043	1.8701	.75624	2.0933	.30688

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19912	.19130	12.920	.40059	.19466	.29836	2.9744
Stddev	.00076	.00263	.063	.00069	.00281	.00294	.0611
%RSD	.38060	1.3760	.48833	.17324	1.4423	.98448	2.0553

#1	.19999	.19289	12.957	.40124	.19649	.29999	2.9574
#2	.19876	.19275	12.956	.40066	.19607	.30011	3.0423
#3	.19861	.18827	12.847	.39986	.19143	.29497	2.9236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91999	3.0450	.47636	.06693	303.64	.31019	.20910
Stddev	.00176	.0312	.00666	.00035	3.74	.00105	.00499
%RSD	.19129	1.0250	1.3976	.51590	1.2321	.33851	2.3877

#1	.92096	3.0397	.47979	.06662	307.71	.31116	.21134
#2	.92105	3.0785	.48061	.06686	302.84	.30907	.21257
#3	.91796	3.0167	.46869	.06730	300.36	.31034	.20338

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.562	.37678	.29062	.10850	1.2338	.62613	.19035
Stddev	.041	.00440	.00925	.00144	.0169	.00950	.00265
%RSD	.39105	1.1670	3.1833	1.3310	1.3685	1.5170	1.3914

#1	10.553	.37991	.28156	.10932	1.2533	.63285	.19334
#2	10.526	.37867	.30005	.10683	1.2240	.63027	.18941
#3	10.607	.37175	.29025	.10934	1.2241	.61526	.18829

Sample Name: J6195-12A Acquired: 12/27/2018 22:52:38 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7852 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21167	5.347	.24002	1.4379	F<.00000
Stddev	.00198	.071	.00061	.2716	.16064
%RSD	.93333	1.329	.25233	18.891	14.231

#1	.21014	5.396	.24000	1.3192	-1.1861
#2	.21390	5.379	.24063	1.7487	-1.2529
#3	.21098	5.265	.23942	1.2459	-.94734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.8	66198.	4761.2	105.14	3764.2
Stddev	23.2	206.	51.9	2.16	41.3
%RSD	.74250	.31112	1.0911	2.0510	1.0978

#1	3113.9	66113.	4704.2	104.35	3744.3
#2	3107.1	66048.	4773.6	103.50	3736.6
#3	3150.2	66433.	4805.8	107.58	3811.7

Sample Name: CCV12 Acquired: 12/27/2018 22:56:34 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14426 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7645	4.7510	4.7855	4.7992	4.9960	9.5410	9.7806	.24883
Stddev	.0136	.0270	.0240	.0252	.0188	.0514	.0968	.00073
%RSD	.28627	.56829	.50129	.52468	.37652	.53850	.98993	.29413
#1	4.7505	4.7199	4.7597	4.7711	4.9748	9.5178	9.8652	.24907
#2	4.7777	4.7687	4.8071	4.8195	5.0028	9.5053	9.8017	.24801
#3	4.7653	4.7643	4.7896	4.8071	5.0105	9.5999	9.6750	.24942
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4461	24.672	.96335	2.3954	1.2310	4.6268	2.5291	25.117
Stddev	.0083	.105	.00384	.0081	.0048	.0814	.0004	.141
%RSD	.33815	.42401	.39861	.33931	.38999	1.7587	.01659	.56326
#1	2.4366	24.724	.95905	2.3861	1.2257	4.6730	2.5287	24.974
#2	2.4518	24.552	.96645	2.4007	1.2350	4.5329	2.5294	25.119
#3	2.4498	24.741	.96455	2.3995	1.2324	4.6747	2.5294	25.257
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3714	1.1601	25.516	2.4567	2.4107	23.900	4.8151	4.9065
Stddev	.0084	.0034	.235	.0019	.0426	.220	.0136	.0129
%RSD	.35519	.28975	.92274	.07929	1.7676	.92020	.28259	.26338
#1	2.3617	1.1569	25.732	2.4579	2.4380	24.107	4.8006	4.8948
#2	2.3760	1.1636	25.550	2.4545	2.3616	23.926	4.8276	4.9204
#3	2.3765	1.1598	25.265	2.4578	2.4324	23.669	4.8170	4.9043
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4577	4.8032	4.7694	4.8682	4.9924	4.696	4.8740	F .51920
Stddev	.0251	.0225	.0251	.0114	.0439	.030	.0299	.12787
%RSD	.56391	.46758	.52533	.23433	.87901	.6362	.61294	24.629
#1	4.4317	4.8232	4.7405	4.8738	5.0252	4.662	4.8649	.39606
#2	4.4819	4.8075	4.7851	4.8758	5.0094	4.715	4.9073	.65133
#3	4.4595	4.7789	4.7825	4.8551	4.9425	4.712	4.8497	.51019

Sample Name: CCV12 Acquired: 12/27/2018 22:56:34 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14426 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5068
Stddev .2502
%RSD 9.9795

#1 2.7449
#2 2.5294
#3 2.2461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.0	68729.	4881.1	104.08	3795.8
Stddev	6.0	221.	21.6	1.87	7.0
%RSD	.18780	.32137	.44204	1.7985	.18541

#1	3191.2	68981.	4862.2	102.80	3803.9
#2	3179.3	68569.	4876.4	106.23	3790.8
#3	3184.5	68636.	4904.6	103.21	3792.8

Sample Name: CCB12 Acquired: 12/27/2018 23:00:23 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14426 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	.00275	.00105	.00118	-.00001	-.00085	-.00235
Stddev	.00081	.00072	.00046	.00171	.00059	.00128	.00033
%RSD	43.639	26.012	44.037	144.75	5467.5	149.64	14.193

#1	.00092	.00301	.00146	.00207	.00029	-.00145	-.00227
#2	.00223	.00330	.00055	-.00079	-.00069	.00061	-.00272
#3	.00240	.00194	.00113	.00226	.00037	-.00172	-.00207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00000	.00166	-.00016	-.00007	.00052	-.00189
Stddev	.00002	.00005	.00610	.00013	.00012	.00036	.00342
%RSD	63.745	1698.6	368.35	78.923	167.50	69.874	181.17

#1	-.00001	-.00000	-.00176	-.00015	.00000	.00017	-.00581
#2	-.00002	-.00005	.00870	-.00004	-.00022	.00089	.00042
#3	-.00004	.00006	-.00197	-.00030	-.00001	.00050	-.00027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.03261	.00070	-.00018	.19768	.00064	.00055
Stddev	.00003	.01748	.00039	.00009	.00332	.00029	.00008
%RSD	19.021	53.604	55.048	50.217	1.6809	45.223	14.274

#1	.00018	.01244	.00079	-.00013	.19450	.00054	.00058
#2	.00015	.04332	.00028	-.00029	.19742	.00096	.00060
#3	.00013	.04207	.00104	-.00013	.20113	.00041	.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06151	.00020	.00388	-.00719	-.00356	.00194	-.00189
Stddev	.00924	.00022	.00468	.00210	.00111	.00039	.00081
%RSD	15.027	105.69	120.39	29.212	31.020	20.227	42.952

#1	.05269	.00035	.00059	-.00962	-.00232	.00237	-.00108
#2	.06072	.00031	.00923	-.00603	-.00394	.00188	-.00270
#3	.07113	-.00004	.00182	-.00593	-.00443	.00159	-.00187

Sample Name: CCB12 Acquired: 12/27/2018 23:00:23 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14426 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.0034	.00019	F<.00000	F<.00000
Stddev	.00176	.0007	.00005	.80513	.42515
%RSD	64.255	21.59	28.179	26.809	199.46
#1	.00476	.0034	.00016	-2.4861	-.60133
#2	.00202	.0041	.00025	-2.5927	.24121
#3	.00146	.0026	.00015	-3.9309	-.27935
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.2	72673.	4879.2	108.41	4324.0
Stddev	9.0	1577.	32.3	1.23	7.8
%RSD	.27326	2.1695	.66248	1.1363	.17965
#1	3302.4	71704.	4846.7	107.30	4319.2
#2	3310.8	71823.	4879.5	108.18	4319.9
#3	3320.5	74492.	4911.4	109.73	4333.0

Sample Name: J6195-14 Acquired: 12/27/2018 23:04:33 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00089	.00135	.00177	-.00116	.05785	.09096	.00001
Stddev	.00104	.00109	.00068	.00200	.00068	.00432	.00098	.00002
%RSD	256.97	122.19	50.653	113.17	58.707	7.4620	1.0720	286.96

#1	.00049	.00004	.00057	.00192	-.00069	.06160	.09029	.00000
#2	-.00017	-.00209	.00185	-.00030	-.00085	.05881	.09208	.00003
#3	-.00154	-.00062	.00163	.00369	-.00194	.05313	.09051	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	19.314	-.00012	.00209	.00380	.03178	.43870	.85213
Stddev	.00003	.099	.00034	.00025	.00018	.00478	.00131	.02315
%RSD	231.09	.51273	286.23	12.064	4.6171	15.047	.29803	2.7163

#1	-.00001	19.226	-.00050	.00202	.00363	.03034	.44018	.83393
#2	.00000	19.293	.00012	.00237	.00398	.02788	.43826	.87818
#3	.00005	19.421	.00003	.00188	.00379	.03711	.43768	.84428

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00041	259.82	.00048	.02377	.68459	-.00014	.01053
Stddev	.00014	.00020	2.49	.00023	.00025	.00536	.00019	.00364
%RSD	8.5505	50.156	.95820	47.051	1.0710	.78364	140.56	34.600

#1	.00156	-.00030	259.88	.00022	.02382	.68212	-.00029	.00635
#2	.00146	-.00064	257.30	.00064	.02400	.68091	-.00019	.01224
#3	.00173	-.00028	262.28	.00058	.02350	.69075	.00008	.01300

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13740	.46836	.00142	-.00023	.00283	.0068	.06236	.81042
Stddev	.00018	.00099	.00032	.00086	.00029	.0008	.00021	.22705
%RSD	.12950	.21235	22.347	380.37	10.091	11.97	.33189	28.016

#1	.13720	.46742	.00138	-.00078	.00267	.0058	.06232	1.0597
#2	.13747	.46941	.00176	-.00066	.00267	.0071	.06216	.75610
#3	.13753	.46826	.00113	.00076	.00316	.0073	.06258	.61546

Sample Name: J6195-14 Acquired: 12/27/2018 23:04:33 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-122618 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.52855
Stddev	.35904
%RSD	67.930

#1	.38814
#2	.26093
#3	.93658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.2	66365.	4782.4	104.70	3757.9
Stddev	26.9	243.	17.3	.97	43.3
%RSD	.86966	.36690	.36086	.92625	1.1513

#1	3063.8	66153.	4763.5	103.88	3708.0
#2	3103.7	66310.	4786.5	104.45	3780.1
#3	3115.0	66631.	4797.2	105.77	3785.5

Sample Name: J6571-01 Acquired: 12/27/2018 23:08:49 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 50072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	.00005	.00012	.00342	.00024	.08066	.16893	-.00014
Stddev	.00058	.00031	.00095	.00103	.00145	.00623	.00132	.00009
%RSD	45.945	592.49	805.22	30.283	616.61	7.7202	.78373	65.042

#1	-.00174	.00019	.00072	.00310	.00004	.07366	.17021	-.00013
#2	-.00062	.00027	.00062	.00258	-.00111	.08278	.16901	-.00005
#3	-.00145	-.00030	-.00098	.00457	.00177	.08556	.16756	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	1.5445	.00064	.00005	.00201	.09828	.03221	.23648
Stddev	.00004	.0156	.00018	.00022	.00038	.00258	.00017	.02168
%RSD	2860.3	1.0104	27.894	417.72	18.836	2.6260	.53482	9.1665

#1	-.00001	1.5582	.00051	-.00007	.00174	.09612	.03202	.25094
#2	.00004	1.5477	.00085	.00031	.00185	.09759	.03236	.21155
#3	-.00004	1.5275	.00058	-.00008	.00245	.10114	.03225	.24693

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00001	235.73	.00039	.11115	.43740	-.00004	.03435
Stddev	.00005	.00023	1.61	.00049	.00162	.01245	.00012	.00146
%RSD	2.8843	2173.2	.68227	126.91	1.4583	2.8460	306.10	4.2576

#1	.00195	-.00004	236.57	.00019	.10935	.42304	-.00003	.03271
#2	.00185	.00026	233.88	.00002	.11249	.44509	-.00017	.03482
#3	.00188	-.00019	236.75	.00094	.11162	.44407	.00008	.03552

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73443	.18584	.00089	.00199	.00264	.0355	.00559	.18998
Stddev	.00831	.00226	.00041	.00108	.00025	.0011	.00010	.12015
%RSD	1.1317	1.2185	46.195	54.346	9.6306	3.221	1.7881	63.243

#1	.72585	.18483	.00124	.00179	.00236	.0343	.00565	.22764
#2	.73500	.18426	.00099	.00317	.00273	.0358	.00547	.05551
#3	.74244	.18843	.00044	.00103	.00284	.0365	.00564	.28680

Sample Name: J6571-01 Acquired: 12/27/2018 23:08:49 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 50072 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.11151
Stddev	.00255
%RSD	2.2837

#1	.11223
#2	.10868
#3	.11361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.3	66925.	4830.1	105.29	3823.7
Stddev	5.9	94.	49.8	1.15	14.1
%RSD	.19084	.14033	1.0311	1.0950	.36974

#1	3112.4	67030.	4814.0	106.55	3839.5
#2	3100.8	66894.	4886.0	104.28	3819.5
#3	3108.6	66850.	4790.4	105.05	3812.2

Sample Name: J6571-02 Acquired: 12/27/2018 23:13:06 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 10827 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00143	.00011	.00237	.00265	.06222	.07416	-.00009
Stddev	.00071	.00016	.00100	.00286	.00037	.01431	.00036	.00005
%RSD	33.107	11.121	897.13	121.11	14.099	22.992	.48647	48.399

#1	-.00145	-.00131	.00014	.00111	.00249	.04823	.07447	-.00015
#2	-.00213	-.00161	-.00091	.00564	.00239	.07682	.07376	-.00006
#3	-.00287	-.00137	.00110	.00034	.00308	.06162	.07426	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	8.1283	.00142	-.00030	.00084	.66954	.06613	1.1932
Stddev	.00008	.0478	.00045	.00023	.00018	.01054	.00083	.0113
%RSD	138.87	.58801	31.519	77.382	21.255	1.5736	1.2618	.94438

#1	-.00013	8.0932	.00192	-.00027	.00089	.67475	.06534	1.1958
#2	-.00006	8.1827	.00127	-.00054	.00099	.67645	.06700	1.1809
#3	.00002	8.1089	.00106	-.00008	.00064	.65741	.06607	1.2029

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	-.00039	270.83	.00076	2.5713	1.6954	.02805	.04271
Stddev	.00031	.00016	3.11	.00033	.0225	.0140	.00007	.00464
%RSD	10.900	41.089	1.1485	42.721	.87338	.82321	.23354	10.872

#1	.00272	-.00055	271.71	.00110	2.5622	1.7030	.02804	.04168
#2	.00262	-.00040	273.41	.00046	2.5968	1.7040	.02812	.03868
#3	.00320	-.00023	267.38	.00073	2.5547	1.6793	.02799	.04779

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57013	.21853	.00089	-.00115	.00625	.6254	.02064	1.0165
Stddev	.00182	.00154	.00043	.00138	.00073	.0029	.00003	.6434
%RSD	.31900	.70568	48.151	119.85	11.734	.4596	.13127	63.294

#1	.56893	.21744	.00131	.00041	.00570	.6287	.02067	.45428
#2	.56924	.22029	.00091	-.00167	.00596	.6237	.02062	1.7182
#3	.57222	.21785	.00045	-.00221	.00708	.6238	.02064	.87704

Sample Name: J6571-02 Acquired: 12/27/2018 23:13:06 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 10827 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7291
Stddev .6725
%RSD 38.894

#1 1.0714
#2 1.7004
#3 2.4155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.6	66135.	4876.7	107.97	3787.8
Stddev	4.8	698.	17.2	.93	6.1
%RSD	.15522	1.0549	.35190	.86281	.16179

#1	3090.8	66748.	4861.1	108.25	3780.8
#2	3095.6	65376.	4873.8	106.93	3791.9
#3	3100.4	66282.	4895.1	108.73	3790.8

Sample Name: J6579-03 Acquired: 12/27/2018 23:17:22 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TN-122618-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00158	.00218	.00138	.00085	.11401	.17023	.00002
Stddev	.00128	.00131	.00053	.00292	.00111	.01373	.00013	.00004
%RSD	84.313	83.131	24.083	212.04	130.31	12.044	.07736	215.73

#1	-.00007	-.00007	.00197	-.00197	.00043	.12986	.17026	.00005
#2	-.00247	-.00249	.00179	.00336	.00210	.10628	.17034	-.00003
#3	-.00200	-.00218	.00278	.00274	.00002	.10589	.17008	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	3.5445	.00015	.00003	.00401	.01030	.04248	.85144
Stddev	.00001	.0069	.00013	.00023	.00037	.00154	.00176	.01548
%RSD	13.344	.19497	85.472	685.80	9.2036	14.924	4.1444	1.8184

#1	.00005	3.5448	.00030	-.00019	.00434	.01197	.04338	.84684
#2	.00006	3.5512	.00005	.00003	.00408	.00998	.04360	.86870
#3	.00005	3.5374	.00010	.00026	.00361	.00894	.04045	.83878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00039	296.22	.00079	.01580	.76982	-.00002	.00386
Stddev	.00028	.00003	2.48	.00037	.00035	.04120	.00011	.00148
%RSD	22.621	6.6921	.83558	46.357	2.2428	5.3520	590.98	38.314

#1	.00152	-.00038	295.38	.00041	.01582	.72423	-.00007	.00557
#2	.00119	-.00038	299.01	.00083	.01615	.78083	-.00010	.00297
#3	.00097	-.00042	294.29	.00114	.01544	.80439	.00011	.00305

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41383	.22929	.00155	-.00000	.00434	.0045	.03767	.28043
Stddev	.00127	.00467	.00010	.00027	.00108	.0013	.00008	.86522
%RSD	.30639	2.0359	6.3437	46412.	24.752	27.97	.20621	308.54

#1	.41431	.23171	.00146	-.00003	.00398	.0060	.03770	.62182
#2	.41479	.23225	.00154	.00028	.00555	.0035	.03773	.92286
#3	.41239	.22391	.00166	-.00025	.00350	.0042	.03759	-.70340

Sample Name: J6579-03 Acquired: 12/27/2018 23:17:22 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TN-122618-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0211
Stddev	1.1159
%RSD	109.28

#1	1.9790
#2	1.2887
#3	-.20419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.5	67545.	4843.9	106.06	3808.2
Stddev	8.9	1806.	25.7	2.16	15.0
%RSD	.28558	2.6744	.53009	2.0398	.39328

#1	3118.3	66586.	4836.7	105.33	3793.3
#2	3136.0	66420.	4822.5	104.37	3823.3
#3	3125.3	69629.	4872.4	108.50	3808.2

Sample Name: J6580-04 Acquired: 12/27/2018 23:21:40 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 344 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	-.00268	.00157	.00116	-.00303	.00883	.13147	-.00010
Stddev	.00080	.00095	.00057	.00090	.00109	.00658	.00026	.00005
%RSD	33.797	35.380	36.624	77.261	35.954	74.524	.20145	51.631

#1	-.00324	-.00274	.00191	.00049	-.00200	.00714	.13169	-.00005
#2	-.00224	-.00360	.00188	.00082	-.00417	.01609	.13154	-.00016
#3	-.00165	-.00170	.00090	.00218	-.00292	.00326	.13117	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	160.34	.00210	.00012	.00072	-.04932	.06132	3.2312
Stddev	.00003	1.63	.00028	.00007	.00027	.00436	.00059	.0305
%RSD	23.750	1.0151	13.260	55.611	37.035	8.8329	.96391	.94229

#1	-.00009	161.80	.00236	.00008	.00056	-.04752	.06068	3.1970
#2	-.00015	158.58	.00214	.00020	.00102	-.04615	.06144	3.2411
#3	-.00012	160.64	.00180	.00008	.00057	-.05428	.06184	3.2555

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	-.00034	322.21	.00114	.05230	2.4138	.00041	.03027
Stddev	.00019	.00045	4.04	.00043	.00109	.0061	.00006	.00557
%RSD	6.5822	135.13	1.2526	38.095	2.0798	.25222	14.860	18.393

#1	.00283	-.00067	326.83	.00066	.05334	2.4072	.00035	.03529
#2	.00266	.00018	320.43	.00125	.05117	2.4153	.00041	.02428
#3	.00303	-.00052	319.36	.00150	.05240	2.4191	.00047	.03125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8760	4.6987	.00000	-.00566	.01124	.0088	.90409	1.7828
Stddev	.0266	.0349	.00069	.00026	.00188	.0007	.00973	.2971
%RSD	.68668	.74241	27856.	4.6365	16.750	8.037	1.0759	16.666

#1	3.8825	4.7377	-.00074	-.00593	.00919	.0081	.91408	2.1238
#2	3.8987	4.6704	.00062	-.00541	.01289	.0086	.89465	1.5801
#3	3.8467	4.6881	.00013	-.00564	.01165	.0095	.90353	1.6444

Sample Name: J6580-04 Acquired: 12/27/2018 23:21:40 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 344 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1304
Stddev	.2623
%RSD	12.311

#1	2.0461
#2	2.4245
#3	1.9207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.2	64984.	4792.1	103.31	3626.5
Stddev	17.0	241.	42.8	2.02	24.3
%RSD	.56810	.37117	.89336	1.9574	.66872

#1	3008.9	65072.	4743.5	101.63	3628.8
#2	2975.6	65168.	4824.3	105.55	3601.2
#3	2998.3	64711.	4808.5	102.74	3649.5

Sample Name: J6566-01 Acquired: 12/27/2018 23:25:53 Type: Unk
Method: P4-ICP2(v2686) 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	.04152	-.00243	7.4408	.01267	.04570	36.637	.24905
Stddev	.00039	.00171	.0145	.00127	.00039	.234	.00146
%RSD	.94899	70.158	.19536	10.023	.86185	.63917	.58641

#1	.04164	-.00326	7.4566	.01365	.04614	36.368	.24806
#2	.04108	-.00356	7.4281	.01123	.04537	36.792	.25073
#3	.04183	-.00047	7.4376	.01311	.04560	36.752	.24837

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	.00602	77.683	.11023	.02695	1.7742	76.079
Stddev	.00000	.00018	.596	.00088	.00007	.0052	1.212
%RSD	.18462	3.0332	.76715	.79873	.24524	.29182	1.5926

#1	.00127	.00620	77.506	.10933	.02702	1.7798	75.818
#2	.00128	.00583	78.347	.11027	.02690	1.7696	77.400
#3	.00128	.00602	77.195	.11109	.02693	1.7733	75.020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1694	22.847	.11917	.00267	1.1069	.05414	1.7603
Stddev	.0018	.061	.00086	.00059	.0146	.00033	.0270
%RSD	.15062	.26756	.71899	22.080	1.3225	.61533	1.5309

#1	1.1688	22.895	.11882	.00252	1.1235	.05411	1.7565
#2	1.1681	22.778	.12015	.00333	1.1015	.05448	1.7889
#3	1.1714	22.867	.11855	.00218	1.0957	.05382	1.7354

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5780	.00746	3.0122	F 12.720	.93321	.04514	.31765
Stddev	.0155	.00001	.0061	.042	.00441	.00056	.00507
%RSD	.59941	.16462	.20225	.33243	.47302	1.2432	1.5945

#1	2.5688	.00746	3.0109	12.739	.92877	.04579	.32321
#2	2.5694	.00747	3.0188	12.672	.93760	.04482	.31329
#3	2.5958	.00745	3.0068	12.750	.93327	.04482	.31646

Sample Name: J6566-01 Acquired: 12/27/2018 23:25:53 Type: Unk
Method: P4-ICP2(v2686) 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	.07567	1.824	.25717	<.00000	F<.00000
Stddev	.00022	.005	.00157	.11044	.38832
%RSD	.29653	.2658	.60895	6.4222	3.6287
#1	.07593	1.825	.25608	-1.8411	-10.525
#2	.07555	1.828	.25897	-1.6927	-11.147
#3	.07553	1.818	.25647	-1.6252	-10.433
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.2	72662.	5197.3	111.13	4028.7
Stddev	11.5	240.	22.3	1.43	14.7
%RSD	.34650	.33083	.42824	1.2858	.36592
#1	3295.8	72928.	5199.2	111.30	4019.2
#2	3318.8	72599.	5174.2	109.63	4045.7
#3	3307.1	72460.	5218.6	112.47	4021.2

Sample Name: J6566-02 Acquired: 12/27/2018 23:29:48 Type: Unk
Method: P4-ICP2(v2686) 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	.01419	.00046	4.3826	.04103	.02229	4.8828	.15189	.00070
Stddev	.00183	.00030	.0059	.00182	.00056	.0429	.00104	.00006
%RSD	12.864	64.845	.13551	4.4295	2.5088	.87798	.68535	8.5321
#1	.01630	.00040	4.3892	.04305	.02167	4.8917	.15303	.00075
#2	.01308	.00078	4.3776	.03952	.02245	4.9205	.15100	.00064
#3	.01320	.00020	4.3812	.04052	.02276	4.8361	.15162	.00071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22612	43.719	.09885	.00606	.12726	14.197	.32700	9.1883
Stddev	.00031	.321	.00085	.00008	.00076	.090	.00036	.1022
%RSD	.13800	.73512	.86347	1.3872	.60078	.63299	.10975	1.1120
#1	.22636	43.667	.09791	.00612	.12638	14.153	.32691	9.2374
#2	.22576	43.427	.09906	.00596	.12772	14.300	.32669	9.0708
#3	.22622	44.063	.09958	.00610	.12768	14.137	.32739	9.2566
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02269	.00028	.78119	.02584	.24280	1.4350	.01434	.01156
Stddev	.00014	.00004	.01194	.00018	.00093	.0096	.00010	.01008
%RSD	.60829	14.282	1.5287	.69789	.38406	.66908	.70582	87.186
#1	.02262	.00029	.79476	.02591	.24247	1.4355	.01423	.02026
#2	.02259	.00031	.77230	.02564	.24207	1.4251	.01436	.01390
#3	.02284	.00023	.77650	.02598	.24385	1.4443	.01443	.00052
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.993	.56378	.00662	.16995	.00747	.4418	.07216	<.00000
Stddev	.032	.01441	.00053	.00124	.00127	.0025	.00040	.38184
%RSD	.24880	2.5555	7.9836	.73169	16.964	.5640	.54925	15.026
#1	13.023	.55698	.00670	.17122	.00889	.4401	.07219	-2.1396
#2	12.999	.55402	.00606	.16874	.00709	.4406	.07175	-2.5843
#3	12.959	.58032	.00711	.16989	.00644	.4447	.07254	-2.8997

Sample Name: J6566-02 Acquired: 12/27/2018 23:29:48 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9203
Stddev	.4699
%RSD	24.469

#1	1.7552
#2	1.5552
#3	2.4504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.5	72473.	5151.8	111.93	4196.3
Stddev	5.7	217.	65.1	.22	4.5
%RSD	.17127	.29937	1.2628	.19940	.10655

#1	3309.7	72223.	5137.2	111.68	4192.6
#2	3299.9	72582.	5222.9	111.98	4195.1
#3	3309.8	72614.	5095.3	112.12	4201.3

Sample Name: J6566-03 Acquired: 12/27/2018 23:33:45 Type: Unk
Method: P4-ICP2(v2686) 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	.01942	-.00111	116.02	.23495	.05086	1.5372	.16085	-.00000
Stddev	.00161	.00245	.07	.00341	.00038	.0192	.00046	.00004
%RSD	8.2735	220.76	.05612	1.4532	.75665	1.2487	.28856	1189.8
#1	.01971	-.00228	116.06	.23300	.05061	1.5151	.16133	.00003
#2	.02085	.00171	115.94	.23295	.05067	1.5460	.16040	-.00005
#3	.01768	-.00277	116.05	.23889	.05130	1.5503	.16084	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0363	5.1824	.30747	.00185	.04764	2.4719	.07994	1.3093
Stddev	.0006	.0200	.00047	.00002	.00128	.0835	.00025	.0207
%RSD	.05918	.38697	.15311	.87761	2.6937	3.3795	.31275	1.5823
#1	1.0365	5.1594	.30741	.00185	.04869	2.4071	.08015	1.3313
#2	1.0356	5.1920	.30703	.00186	.04621	2.4423	.07999	1.3066
#3	1.0367	5.1959	.30796	.00183	.04801	2.5662	.07966	1.2901
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00614	.00459	.48967	.00809	.20700	.30346	.06952	-.00164
Stddev	.00019	.00010	.00989	.00021	.00629	.01199	.00039	.00422
%RSD	3.0828	2.1614	2.0189	2.6492	3.0364	3.9513	.56614	256.93
#1	.00593	.00465	.50107	.00833	.20282	.31704	.06948	-.00425
#2	.00621	.00464	.48344	.00792	.20394	.29433	.06915	.00323
#3	.00630	.00447	.48450	.00802	.21422	.29900	.06993	-.00391
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.307	.33567	.00296	.06175	.00050	.4016	.01158	<.00000
Stddev	.007	.00392	.00053	.00174	.00132	.0008	.00012	.32773
%RSD	.04865	1.1680	17.878	2.8152	262.30	.1931	1.0450	10.116
#1	15.302	.33634	.00350	.06351	.00113	.4008	.01171	-3.0167
#2	15.303	.33921	.00245	.06170	-.00101	.4023	.01155	-3.6161
#3	15.315	.33146	.00292	.06004	.00139	.4018	.01147	-3.0867

Sample Name: J6566-03 Acquired: 12/27/2018 23:33:45 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.69646
%RSD	153.06

#1	-.20911
#2	.08514
#3	-1.2411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.6	73793.	5178.3	115.19	4347.0
Stddev	8.1	65.	21.3	2.91	10.2
%RSD	.24084	.08853	.41228	2.5219	.23373

#1	3337.1	73731.	5158.2	117.02	4336.3
#2	3346.4	73861.	5200.7	116.72	4348.3
#3	3353.2	73788.	5176.1	111.84	4356.5

Sample Name: J6566-04 Acquired: 12/27/2018 23:37:46 Type: Unk
Method: P4-ICP2(v2686) 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	.22792	-.00114	6.9269	.01024	.01460	4.7846	.10386	.00148
Stddev	.00028	.00058	.0021	.00053	.00040	.0623	.00065	.00002
%RSD	.12183	50.540	.02989	5.1375	2.7051	1.3012	.62523	1.5428
#1	.22795	-.00139	6.9264	.01073	.01504	4.7856	.10318	.00146
#2	.22818	-.00048	6.9251	.00969	.01427	4.7219	.10393	.00147
#3	.22763	-.00154	6.9292	.01031	.01450	4.8464	.10447	.00150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32298	30.798	.02276	.01149	.11974	9.4170	.19578	2.0304
Stddev	.00008	.106	.00016	.00012	.00114	.0442	.00104	.0203
%RSD	.02338	.34343	.68429	1.0476	.95182	.46926	.53035	.99957
#1	.32303	30.683	.02280	.01150	.12081	9.4048	.19698	2.0084
#2	.32290	30.819	.02289	.01136	.11988	9.3801	.19520	2.0484
#3	.32302	30.891	.02259	.01160	.11854	9.4660	.19516	2.0345
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02518	.00024	.90491	.02088	.08113	.72456	.00326	-.00116
Stddev	.00014	.00026	.01002	.00038	.00067	.00137	.00016	.00796
%RSD	.57192	107.52	1.1068	1.8335	.82682	.18956	5.0112	687.38
#1	.02529	.00004	.91642	.02057	.08186	.72470	.00344	.00541
#2	.02522	.00053	.90013	.02077	.08055	.72586	.00312	-.01002
#3	.02502	.00014	.89818	.02131	.08097	.72312	.00321	.00114
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 67.109	.49432	-.01735	.07945	.00739	.3695	.02017	<.00000
Stddev	.170	.00216	.00029	.00127	.00081	.0018	.00009	.28195
%RSD	.25270	.43644	1.6520	1.5981	10.932	.4837	.43663	8.5892
#1	67.270	.49413	-.01710	.08090	.00824	.3708	.02009	-2.9574
#2	67.125	.49657	-.01728	.07853	.00663	.3702	.02026	-3.4329
#3	66.932	.49227	-.01766	.07893	.00732	.3675	.02016	-3.4577

Sample Name: J6566-04 Acquired: 12/27/2018 23:37:46 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.59679
Stddev	.37190
%RSD	62.317

#1	.30686
#2	.46741
#3	1.0161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.2	73923.	5314.6	112.98	4290.1
Stddev	5.4	348.	32.7	.69	6.5
%RSD	.15991	.47138	.61486	.60858	.15146

#1	3378.4	73521.	5316.8	112.28	4282.8
#2	3382.2	74115.	5280.8	113.66	4292.2
#3	3389.0	74134.	5346.1	112.98	4295.3

Sample Name: J6566-05 Acquired: 12/27/2018 23:41:45 Type: Unk
Method: P4-ICP2(v2686) 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	.01173	.00070	5.1131	.00430	.04836	1.8862	.03528	.00002
Stddev	.00143	.00143	.0174	.00277	.00218	.0242	.00058	.00002
%RSD	12.206	202.45	.34038	64.431	4.5077	1.2826	1.6488	120.92

#1	.01313	-.00091	5.1327	.00233	.05087	1.9140	.03593	.00002
#2	.01027	.00122	5.1074	.00747	.04723	1.8742	.03480	.00004
#3	.01180	.00180	5.0993	.00311	.04697	1.8703	.03512	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	4.6816	.00300	.00071	.19721	2.4459	.06163	1.8870
Stddev	.00008	.0367	.00008	.00014	.00188	.0241	.00022	.0159
%RSD	1.4675	.78397	2.6162	19.166	.95089	.98701	.35726	.84340

#1	.00522	4.6397	.00293	.00066	.19937	2.4688	.06174	1.8795
#2	.00507	4.6968	.00308	.00086	.19623	2.4483	.06177	1.8762
#3	.00514	4.7082	.00300	.00060	.19602	2.4207	.06137	1.9053

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	.00040	.82674	.00645	.29022	.33949	.00061	.00588
Stddev	.00032	.00008	.01113	.00035	.00295	.00989	.00029	.00332
%RSD	5.3866	19.057	1.3460	5.4903	1.0180	2.9118	46.411	56.517

#1	.00566	.00034	.82989	.00686	.28927	.32815	.00082	.00946
#2	.00579	.00038	.81438	.00625	.29353	.34404	.00073	.00530
#3	.00626	.00049	.83595	.00625	.28785	.34629	.00029	.00289

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98627	.50935	.01078	.09878	.00003	.2816	.00727	<.00000
Stddev	.00908	.00390	.00073	.00114	.00096	.0020	.00005	.35040
%RSD	.92078	.76484	6.7738	1.1518	3569.2	.7161	.65966	10.695

#1	.99643	.50487	.01084	.09750	-.00063	.2839	.00730	-2.8725
#2	.98344	.51187	.01002	.09917	-.00042	.2806	.00722	-3.5002
#3	.97894	.51132	.01148	.09967	.00113	.2802	.00730	-3.4562

Sample Name: J6566-05 Acquired: 12/27/2018 23:41:45 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.64880
%RSD	110.29

#1	.16070
#2	-.97807
#3	-.94741

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.5	73947.	5115.2	112.51	4392.6
Stddev	17.8	303.	47.5	1.37	21.5
%RSD	.52832	.40945	.92773	1.2170	.48834

#1	3341.0	73606.	5167.4	113.27	4368.3
#2	3370.8	74051.	5103.6	110.93	4400.8
#3	3372.5	74185.	5074.6	113.34	4408.7

Sample Name: CCV13 Acquired: 12/27/2018 23:45:49 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6926	4.6768	4.7159	4.7559	4.9556	9.6056	9.7393	.24689
Stddev	.0200	.0160	.0204	.0190	.0129	.0547	.0482	.00034
%RSD	.42627	.34289	.43370	.39893	.26046	.56950	.49465	.13839
#1	4.6710	4.6591	4.6923	4.7345	4.9419	9.5803	9.7557	.24672
#2	4.7106	4.6809	4.7287	4.7706	4.9676	9.5681	9.7772	.24728
#3	4.6961	4.6904	4.7266	4.7626	4.9571	9.6683	9.6851	.24667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4093	24.617	.95621	2.3566	1.2174	4.5884	2.5149	24.820
Stddev	.0113	.116	.00184	.0111	.0032	.0555	.0015	.045
%RSD	.47072	.46918	.19232	.47183	.26238	1.2105	.05939	.18098
#1	2.3962	24.750	.95441	2.3441	1.2152	4.6456	2.5138	24.860
#2	2.4150	24.561	.95613	2.3601	1.2210	4.5847	2.5143	24.772
#3	2.4166	24.541	.95808	2.3655	1.2159	4.5347	2.5166	24.828
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3269	1.1512	25.419	2.4372	2.3738	23.543	4.7355	4.8754
Stddev	.0115	.0066	.127	.0045	.0396	.025	.0134	.0187
%RSD	.49245	.56929	.49971	.18608	1.6704	.10792	.28320	.38281
#1	2.3139	1.1436	25.517	2.4374	2.4027	23.557	4.7203	4.8692
#2	2.3356	1.1546	25.465	2.4325	2.3901	23.558	4.7457	4.8607
#3	2.3313	1.1553	25.276	2.4416	2.3286	23.514	4.7405	4.8964
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3869	4.6870	4.6862	4.8526	4.9772	4.625	4.8941	F .91933
Stddev	.0140	.0337	.0225	.0284	.0212	.018	.0355	.16947
%RSD	.31790	.71952	.48109	.58575	.42618	.3995	.72608	18.434
#1	4.3760	4.6783	4.6609	4.8818	4.9791	4.604	4.9039	.72550
#2	4.4026	4.7243	4.7043	4.8250	4.9974	4.639	4.9237	1.0395
#3	4.3819	4.6585	4.6933	4.8508	4.9551	4.632	4.8547	.99302

Sample Name: CCV13 Acquired: 12/27/2018 23:45:49 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5201
Stddev	.8267
%RSD	32.804

#1	1.6090
#2	3.2224
#3	2.7288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3183.7	68420.	4895.7	104.65	3819.6
Stddev	4.3	42.	35.4	1.83	10.7
%RSD	.13504	.06182	.72322	1.7497	.27951

#1	3187.1	68449.	4871.6	103.17	3831.9
#2	3178.8	68439.	4879.1	104.09	3814.6
#3	3185.1	68371.	4936.3	106.70	3812.5

Sample Name: CCB13 Acquired: 12/27/2018 23:49:32 Type: Unk
Method: P4-ICP2(v2686) 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	.00163	.00265	F .00598	.00050	-.00018	-.00841	-.00174
Stddev	.00068	.00080	.00035	.00084	.00167	.00440	.00065
%RSD	41.567	30.328	5.7758	168.95	916.73	52.300	37.570

#1	.00228	.00221	.00630	-.00019	.00005	-.00764	-.00122
#2	.00092	.00216	.00601	.00144	-.00195	-.01314	-.00152
#3	.00169	.00357	.00562	.00025	.00136	-.00444	-.00247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00005	-.00897	-.00038	-.00013	.00027	-.00477
Stddev	.00005	.00003	.00682	.00027	.00005	.00027	.00403
%RSD	80.507	69.559	76.066	70.864	34.235	99.577	84.495

#1	-.00007	.00008	-.00309	-.00024	-.00011	.00055	-.00637
#2	-.00011	.00004	-.01644	-.00021	-.00019	.00002	-.00019
#3	-.00001	.00002	-.00737	-.00069	-.00011	.00024	-.00775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.03787	.00076	.00000	.16047	.00027	.00038
Stddev	.00004	.03384	.00022	.00009	.01077	.00041	.00001
%RSD	37.800	89.339	29.228	5365.7	6.7116	151.44	1.3775

#1	.00009	.00675	.00099	-.00010	.16156	.00001	.00039
#2	.00016	.03299	.00077	.00009	.17065	.00006	.00039
#3	.00008	.07389	.00054	.00002	.14920	.00075	.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02236	.00006	.00280	-.00287	-.00623	.00199	-.00198
Stddev	.02158	.00018	.00770	.00026	.00071	.00042	.00022
%RSD	96.506	276.81	274.91	8.8924	11.325	21.213	10.865

#1	-.00252	-.00001	.01001	-.00316	-.00627	.00246	-.00174
#2	.03595	.00026	-.00531	-.00272	-.00692	.00185	-.00216
#3	.03364	-.00006	.00370	-.00273	-.00551	.00165	-.00204

Sample Name: CCB13 Acquired: 12/27/2018 23:49:32 Type: Unk
Method: P4-ICP2(v2686) 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	.00296	.0018	.00016	F<.00000	F<.00000
Stddev	.00100	.0006	.00007	.56815	.17033
%RSD	33.858	31.39	40.550	29.780	40.387
#1	.00380	.0012	.00009	-1.9605	-.52600
#2	.00323	.0019	.00022	-1.3151	-.51405
#3	.00185	.0022	.00016	-2.4478	-.22518
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.2	71559.	4903.7	108.49	4346.9
Stddev	16.0	155.	46.7	1.10	17.0
%RSD	.48168	.21629	.95325	1.0159	.39194
#1	3320.9	71421.	4850.9	109.38	4332.4
#2	3323.0	71531.	4920.8	107.26	4342.7
#3	3349.7	71726.	4939.5	108.85	4365.7

Sample Name: J6566-06 Acquired: 12/27/2018 23:53:43 Type: Unk
Method: P4-ICP2(v2686) 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	.01204	.00108	4.6999	.00227	.05133	3.3935	.10057	.00018
Stddev	.00132	.00075	.0066	.00069	.00190	.0125	.00092	.00006
%RSD	10.925	69.232	.14068	30.500	3.7079	.36799	.91659	35.052
#1	.01307	.00025	4.6998	.00294	.05352	3.4026	.10027	.00025
#2	.01056	.00169	4.7065	.00155	.05034	3.3793	.10160	.00015
#3	.01250	.00130	4.6933	.00233	.05013	3.3987	.09983	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	4.4332	.01956	.00204	.09744	6.9473	.14514	1.7494
Stddev	.00007	.0543	.00039	.00009	.00045	.0216	.00017	.0274
%RSD	1.0577	1.2242	1.9694	4.2255	.46003	.31082	.11687	1.5670
#1	.00661	4.3747	.01913	.00196	.09789	6.9623	.14495	1.7180
#2	.00674	4.4431	.01988	.00203	.09744	6.9570	.14525	1.7683
#3	.00674	4.4819	.01966	.00213	.09700	6.9225	.14523	1.7619
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00997	.00021	.39429	.01269	.15559	.37350	.00339	.00820
Stddev	.00049	.00013	.00379	.00011	.00125	.01310	.00018	.00306
%RSD	4.8954	63.076	.96110	.87615	.80431	3.5072	5.2172	37.312
#1	.01046	.00034	.39641	.01276	.15631	.38561	.00335	.01139
#2	.00948	.00007	.38991	.01256	.15632	.37529	.00323	.00793
#3	.00998	.00023	.39654	.01276	.15415	.35959	.00358	.00529
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2850	.80544	.01188	.12660	.00294	.4450	.00472	<.00000
Stddev	.0060	.02030	.00022	.00278	.00072	.0008	.00007	.05133
%RSD	.47081	2.5209	1.8243	2.1957	24.448	.1690	1.3845	1.9178
#1	1.2865	.79053	.01213	.12627	.00228	.4446	.00480	-2.6587
#2	1.2901	.79723	.01173	.12400	.00282	.4459	.00467	-2.6361
#3	1.2783	.82857	.01178	.12953	.00371	.4446	.00471	-2.7341

Sample Name: J6566-06 Acquired: 12/27/2018 23:53:43 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .99604
 Stddev .20487
 %RSD 20.569

#1 .93961
 #2 1.2232
 #3 .82530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.6	72612.	4966.8	108.03	4283.6
Stddev	6.3	46.	27.4	1.04	12.0
%RSD	.19021	.06313	.55112	.96105	.28031

#1	3315.5	72664.	4982.5	107.57	4281.5
#2	3314.5	72578.	4935.2	107.30	4272.8
#3	3325.9	72593.	4982.7	109.22	4296.5

Sample Name: J6566-07 Acquired: 12/27/2018 23:57:46 Type: Unk
Method: P4-ICP2(v2686) 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	.34504	-.00943	F 331.46	.01565	1.4010	70.553	.60214
Stddev	.00430	.00090	1.86	.00071	.0031	.430	.00479
%RSD	1.2469	9.5252	.55986	4.5198	.21809	.60909	.79547

#1	.34982	-.01011	330.33	.01624	1.3975	70.329	.60288
#2	.34147	-.00976	330.45	.01585	1.4025	71.048	.59702
#3	.34383	-.00841	333.61	.01487	1.4031	70.280	.60652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00492	.01850	215.87	.04940	.03817	.66118	135.63
Stddev	.00004	.00001	1.85	.00099	.00023	.00760	.78
%RSD	.79728	.04786	.85898	1.9979	.60026	1.1491	.57518

#1	.00488	.01850	216.64	.04949	.03810	.66703	136.53
#2	.00491	.01849	213.76	.05033	.03798	.66390	135.25
#3	.00496	.01851	217.22	.04837	.03842	.65259	135.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4880	35.199	.11079	.01589	1.8105	.23778	.77637
Stddev	.0006	.301	.00043	.00033	.0209	.00268	.00586
%RSD	.04013	.85640	.38557	2.0848	1.1528	1.1265	.75502

#1	1.4875	35.371	.11081	.01624	1.8275	.23548	.78306
#2	1.4887	34.851	.11035	.01558	1.7872	.23714	.77392
#3	1.4879	35.375	.11120	.01585	1.8168	.24072	.77212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6578	.01725	.03069	F 52.498	2.4227	.35070	.77734
Stddev	.0439	.00012	.00603	.081	.0384	.00030	.00305
%RSD	.77602	.71543	19.657	.15400	1.5852	.08637	.39190

#1	5.6336	.01711	.03754	52.548	2.4377	.35047	.77963
#2	5.6313	.01728	.02836	52.540	2.3790	.35104	.77851
#3	5.7085	.01736	.02616	52.404	2.4513	.35059	.77388

Sample Name: J6566-07 Acquired: 12/27/2018 23:57:46 Type: Unk
 Method: P4-ICP2(v2686) 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	.07686	4.557	1.1016	<.00000	F<.00000
Stddev	.00140	.008	.0098	.62310	.44950
%RSD	1.8231	.1700	.88620	142.68	.96724
#1	.07586	4.562	1.1029	-.16659	-46.059
#2	.07846	4.559	1.0913	.00572	-46.407
#3	.07625	4.548	1.1106	-1.1493	-46.951
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.5	71938.	5348.5	105.01	3722.4
Stddev	7.2	365.	58.8	.98	10.4
%RSD	.21868	.50795	1.0989	.93460	.27849
#1	3282.4	71751.	5302.5	103.88	3711.1
#2	3296.8	71703.	5414.8	105.58	3731.4
#3	3289.2	72359.	5328.4	105.57	3724.8

Sample Name: J6566-08 Acquired: 12/28/2018 0:01:44 Type: Unk
Method: P4-ICP2(v2686) 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	.11780	-.00334	106.24	.00444	.22217	9.1651	.23382	.00057
Stddev	.00080	.00107	.20	.00221	.00341	.0180	.00279	.00005
%RSD	.67599	32.161	.19186	49.867	1.5347	.19670	1.1932	9.4192
#1	.11857	-.00211	106.41	.00399	.22607	9.1858	.23704	.00051
#2	.11698	-.00406	106.29	.00249	.22067	9.1568	.23203	.00061
#3	.11785	-.00385	106.01	.00685	.21977	9.1528	.23240	.00059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00686	36.324	-.00505	.00659	1.8265	17.744	.23070	14.181
Stddev	.00007	.133	.00052	.00023	.0020	.168	.00042	.074
%RSD	1.0269	.36535	10.316	3.4210	.11152	.94526	.18076	.51998
#1	.00693	36.240	-.00564	.00671	1.8257	17.550	.23039	14.232
#2	.00680	36.477	-.00467	.00633	1.8249	17.840	.23118	14.096
#3	.00684	36.254	-.00484	.00673	1.8288	17.840	.23054	14.213
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02611	.00750	2.2367	.04275	.57191	.88367	.00538	.01406
Stddev	.00033	.00018	.0142	.00029	.00746	.02590	.00007	.00752
%RSD	1.2814	2.4604	.63621	.68554	1.3042	2.9312	1.2660	53.493
#1	.02644	.00729	2.2432	.04276	.56330	.91294	.00545	.01778
#2	.02577	.00760	2.2204	.04246	.57606	.86371	.00539	.01899
#3	.02613	.00762	2.2466	.04305	.57636	.87438	.00531	.00540
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4582	.58191	.11183	.40859	.01356	1.261	.07487	<.00000
Stddev	.0206	.00076	.00071	.00200	.00101	.004	.00027	.46984
%RSD	.24302	.13111	.63894	.49029	7.4671	.3376	.36673	24.527
#1	8.4812	.58130	.11264	.40833	.01292	1.265	.07514	-2.1857
#2	8.4414	.58167	.11153	.40673	.01473	1.260	.07459	-1.3731
#3	8.4521	.58277	.11131	.41071	.01303	1.257	.07487	-2.1880

Sample Name: J6566-08 Acquired: 12/28/2018 0:01:44 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7568
Stddev .7447
%RSD 42.392

#1 2.5504
#2 1.0733
#3 1.6466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.0	71642.	5145.4	110.76	4116.7
Stddev	6.6	187.	16.6	1.30	14.6
%RSD	.20300	.26117	.32228	1.1781	.35500

#1	3256.4	71724.	5127.5	112.26	4100.1
#2	3268.6	71428.	5148.4	110.12	4122.6
#3	3267.0	71774.	5160.2	109.90	4127.5

Sample Name: J6566-09 Acquired: 12/28/2018 0:05:41 Type: Unk
Method: P4-ICP2(v2686) 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	.61059	-.01235	F 360.90	.01941	2.9000	55.003	.78232
Stddev	.00269	.00117	1.63	.00295	.0080	.039	.00175
%RSD	.44079	9.4618	.45163	15.193	.27735	.07130	.22373

#1	.61370	-.01126	361.01	.01983	2.9087	55.037	.78036
#2	.60896	-.01219	362.48	.01627	2.8985	55.012	.78372
#3	.60912	-.01359	359.22	.02212	2.8928	54.960	.78288

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00563	.03150	310.34	-.06596	.03531	.89611	76.877
Stddev	.00007	.00029	1.54	.00041	.00007	.00783	1.745
%RSD	1.2588	.91770	.49775	.61701	.21030	.87351	2.2699

#1	.00556	.03181	308.56	-.06625	.03533	.90371	75.082
#2	.00570	.03123	311.09	-.06613	.03538	.88807	78.567
#3	.00563	.03145	311.37	-.06549	.03523	.89654	76.982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4210	46.465	.08896	.02099	4.9523	.14842	.91283
Stddev	.0029	.295	.00033	.00033	.0088	.00059	.01942
%RSD	.12009	.63469	.37569	1.5906	.17830	.39599	2.1279

#1	2.4228	46.126	.08885	.02063	4.9422	.14778	.89369
#2	2.4226	46.653	.08934	.02104	4.9567	.14892	.93253
#3	2.4176	46.618	.08870	.02129	4.9581	.14857	.91227

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7231	.01393	.04612	F 197.80	1.0394	.75790	.62947
Stddev	.0046	.00014	.00831	.40	.0175	.00223	.00229
%RSD	.12233	.99578	18.014	.20371	1.6794	.29378	.36339

#1	3.7224	.01407	.03670	197.64	1.0217	.75558	.62778
#2	3.7279	.01379	.04925	198.26	1.0397	.75811	.62855
#3	3.7189	.01393	.05240	197.50	1.0566	.76002	.63207

Sample Name: J6566-09 Acquired: 12/28/2018 0:05:41 Type: Unk
Method: P4-ICP2(v2686) 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	.05360	3.822	.61970	<.00000	F<.00000
Stddev	.00162	.009	.00194	.36864	.42929
%RSD	3.0154	.2297	.31229	19.022	6.6605
#1	.05314	3.819	.61771	-1.5831	-6.8710
#2	.05226	3.832	.62157	-1.9116	-6.0125
#3	.05540	3.815	.61982	-2.3190	-6.4523
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.6	72853.	5409.4	102.40	3656.3
Stddev	15.2	258.	20.3	2.00	9.7
%RSD	.46064	.35456	.37532	1.9485	.26394
#1	3289.0	72586.	5432.8	104.39	3645.5
#2	3315.5	72870.	5397.7	100.40	3659.7
#3	3315.3	73102.	5397.6	102.43	3663.9

Sample Name: J6566-10 Acquired: 12/28/2018 0:09:41 Type: Unk
Method: P4-ICP2(v2686) 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	.43406	-.00511	F 289.92	.01479	2.4923	7.1197	.29780	.00159
Stddev	.00259	.00027	.71	.00218	.0176	.0624	.00162	.00008
%RSD	.59753	5.2209	.24344	14.712	.70396	.87612	.54320	5.0836
#1	.43698	-.00541	290.38	.01729	2.5122	7.1272	.29954	.00164
#2	.43202	-.00491	290.29	.01374	2.4788	7.1780	.29753	.00162
#3	.43318	-.00501	289.11	.01334	2.4860	7.0540	.29634	.00150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02384	64.208	-.10240	.02061	.52707	29.082	.37002	10.745
Stddev	.00025	.518	.00063	.00021	.00492	.481	.00097	.122
%RSD	1.0600	.80656	.61568	1.0406	.93264	1.6544	.26146	1.1315
#1	.02411	63.639	-.10274	.02085	.53239	28.709	.37047	10.773
#2	.02378	64.651	-.10278	.02057	.52270	28.913	.36891	10.851
#3	.02362	64.336	-.10167	.02043	.52612	29.625	.37068	10.612
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04409	.00871	1.6979	.03856	.46210	1.5547	.00995	.00391
Stddev	.00044	.00030	.0170	.00052	.00987	.0186	.00038	.00885
%RSD	.99724	3.4545	1.0029	1.3582	2.1369	1.1954	3.7937	226.31
#1	.04459	.00875	1.7028	.03814	.45571	1.5448	.01030	-.00477
#2	.04376	.00899	1.7120	.03840	.45712	1.5761	.00955	.01292
#3	.04392	.00839	1.6790	.03915	.47347	1.5431	.01000	.00358
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 135.01	.50267	.22779	.12980	.01010	.9439	.15195	<.00000
Stddev	.38	.01206	.00066	.00168	.00056	.0061	.00072	.36873
%RSD	.27782	2.3993	.29146	1.2979	5.5027	.6515	.47304	19.396
#1	135.17	.49117	.22832	.12949	.01066	.9510	.15125	-2.0276
#2	135.27	.50163	.22704	.13161	.01009	.9408	.15269	-1.4857
#3	134.58	.51522	.22800	.12829	.00955	.9399	.15191	-2.1898

Sample Name: J6566-10 Acquired: 12/28/2018 0:09:41 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5998
Stddev	.3801
%RSD	14.620

#1	2.2552
#2	2.5367
#3	3.0074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.5	72585.	5194.4	110.05	4078.8
Stddev	15.9	139.	21.4	2.30	13.5
%RSD	.48212	.19216	.41193	2.0859	.33119

#1	3281.2	72425.	5218.4	111.37	4063.5
#2	3306.9	72673.	5177.3	111.38	4084.0
#3	3310.2	72659.	5187.5	107.39	4089.0

Sample Name: J6566-11 Acquired: 12/28/2018 0:13:44 Type: Unk
Method: P4-ICP2(v2686) 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	.03858	.00004	27.642	.00411	.09925	10.439	.27345	.00060
Stddev	.00209	.00071	.137	.00053	.00114	.043	.00287	.00002
%RSD	5.4071	1801.5	.49498	12.789	1.1460	.41412	1.0503	2.7027

#1	.03618	-.00065	27.663	.00351	.10039	10.430	.27572	.00061
#2	.03990	.00077	27.496	.00446	.09926	10.401	.27022	.00060
#3	.03967	-.00000	27.768	.00437	.09811	10.486	.27441	.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02134	8.0623	.03263	.00547	.19443	20.947	.37605	4.5013
Stddev	.00007	.0563	.00023	.00002	.00182	.226	.00159	.0421
%RSD	.31163	.69855	.69405	.42611	.93695	1.0769	.42397	.93453

#1	.02142	8.0851	.03243	.00545	.19652	21.148	.37659	4.5022
#2	.02129	7.9982	.03288	.00549	.19322	20.990	.37426	4.4588
#3	.02132	8.1036	.03257	.00547	.19355	20.703	.37731	4.5429

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02508	.00198	.39671	.03871	.34026	.84472	.00398	.00393
Stddev	.00034	.00026	.00124	.00022	.00386	.00743	.00020	.00711
%RSD	1.3667	13.153	.31347	.56756	1.1331	.87974	5.1369	180.80

#1	.02548	.00177	.39537	.03880	.34445	.85072	.00385	.00994
#2	.02491	.00227	.39784	.03847	.33947	.84704	.00422	-.00392
#3	.02486	.00189	.39691	.03888	.33686	.83641	.00388	.00578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2151	.92934	.02949	.24741	.00973	1.583	-.00089	<.00000
Stddev	.0203	.01420	.00062	.00140	.00081	.008	.00012	.81558
%RSD	.91601	1.5277	2.1080	.56668	8.3468	.5167	13.099	29.529

#1	2.2385	.91313	.02920	.24867	.01067	1.592	-.00100	-2.2627
#2	2.2047	.93536	.03021	.24767	.00928	1.578	-.00091	-3.7031
#3	2.2021	.93953	.02908	.24590	.00924	1.578	-.00077	-2.3200

Sample Name: J6566-11 Acquired: 12/28/2018 0:13:44 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4458
Stddev	.5908
%RSD	24.156

#1	2.5960
#2	2.9471
#3	1.7944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.4	73133.	5079.1	109.42	4285.1
Stddev	10.8	350.	41.5	1.28	15.6
%RSD	.32135	.47809	.81801	1.1698	.36312

#1	3359.1	72894.	5042.1	108.12	4277.8
#2	3380.7	73534.	5124.1	109.48	4303.0
#3	3371.5	72970.	5071.3	110.68	4274.6

Sample Name: J6566-12 Acquired: 12/28/2018 0:17:40 Type: Unk
Method: P4-ICP2(v2686) 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	.19530	-.00189	151.32	.02295	.87070	5.9003	.36369	.00136
Stddev	.00106	.00151	.31	.00044	.00100	.0547	.00352	.00005
%RSD	.54104	79.659	.20763	1.9089	.11440	.92753	.96880	3.7657
#1	.19595	-.00116	151.10	.02338	.86982	5.9206	.35999	.00141
#2	.19408	-.00363	151.68	.02296	.87049	5.8383	.36700	.00132
#3	.19588	-.00089	151.17	.02250	.87178	5.9419	.36409	.00134
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03825	59.768	-.03054	.01517	.41896	12.351	.24530	4.7180
Stddev	.00010	.478	.00046	.00006	.00523	.276	.00337	.0547
%RSD	.26685	.80036	1.5140	.36701	1.2482	2.2329	1.3748	1.1597
#1	.03835	59.282	-.03004	.01523	.41609	12.233	.24658	4.6751
#2	.03824	60.239	-.03096	.01512	.41578	12.666	.24148	4.7796
#3	.03815	59.783	-.03061	.01517	.42499	12.153	.24785	4.6992
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03837	.00539	1.2218	.03961	1.2481	1.2423	.00504	-.00056
Stddev	.00022	.00017	.0157	.00033	.0271	.0112	.00020	.00576
%RSD	.57944	3.0923	1.2840	.82830	2.1721	.90220	4.0000	1019.9
#1	.03815	.00559	1.2039	.03985	1.2440	1.2314	.00484	-.00296
#2	.03860	.00532	1.2282	.03924	1.2770	1.2538	.00502	.00600
#3	.03837	.00528	1.2332	.03974	1.2232	1.2416	.00525	-.00473
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.966	.51667	.11190	.10933	.00892	.5855	.08311	<.00000
Stddev	.280	.00560	.00057	.00169	.00082	.0015	.00061	.25890
%RSD	.32599	1.0835	.50715	1.5480	9.1730	.2516	.73199	13.716
#1	86.010	.52313	.11148	.10738	.00927	.5839	.08256	-2.0761
#2	86.222	.51336	.11254	.11036	.00798	.5867	.08377	-1.9942
#3	85.667	.51351	.11167	.11025	.00950	.5859	.08299	-1.5924

Sample Name: J6566-12 Acquired: 12/28/2018 0:17:40 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0302
Stddev .4934
%RSD 47.897

#1 1.1968
#2 .47500
#3 1.4187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.6	72785.	5222.8	110.02	4105.3
Stddev	6.4	837.	41.8	2.28	8.5
%RSD	.19503	1.1495	.80063	2.0725	.20712

#1	3283.5	72453.	5250.4	110.12	4098.1
#2	3292.2	73737.	5174.7	107.70	4103.1
#3	3296.1	72166.	5243.2	112.25	4114.7

Sample Name: J6566-13 Acquired: 12/28/2018 0:21:36 Type: Unk
Method: P4-ICP2(v2686) 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	.29445	-.00216	F 270.94	.01470	2.6378	4.6695	.22181	.00038
Stddev	.00305	.00019	1.88	.00008	.0216	.0693	.00154	.00006
%RSD	1.0351	8.9272	.69433	.56980	.81967	1.4846	.69211	16.064
#1	.29671	-.00232	273.12	.01464	2.6627	4.7053	.22323	.00033
#2	.29565	-.00222	269.93	.01479	2.6267	4.5895	.22202	.00037
#3	.29098	-.00195	269.79	.01467	2.6239	4.7135	.22018	.00045
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05861	7.9893	-.04399	.00775	1.1235	11.990	.21274	2.0997
Stddev	.00037	.0178	.00079	.00006	.0121	.116	.00354	.0177
%RSD	.62844	.22282	1.7904	.72055	1.0766	.97022	1.6638	.84393
#1	.05899	8.0033	-.04366	.00779	1.1364	11.859	.21451	2.1044
#2	.05859	7.9692	-.04488	.00769	1.1218	12.032	.20867	2.1146
#3	.05825	7.9953	-.04341	.00778	1.1124	12.080	.21505	2.0801
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06123	.00936	.40965	.08412	.33330	.42218	.00554	.00149
Stddev	.00021	.00022	.00910	.00100	.00135	.02292	.00018	.00656
%RSD	.34536	2.3140	2.2206	1.1887	.40638	5.4296	3.2130	441.20
#1	.06136	.00953	.40211	.08484	.33187	.41655	.00574	.00124
#2	.06099	.00943	.40708	.08298	.33346	.40261	.00542	-.00495
#3	.06135	.00911	.41976	.08455	.33457	.44740	.00545	.00816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.272	.74483	.22438	.20242	.00430	.6679	.03519	<.00000
Stddev	.087	.00665	.00225	.00430	.00269	.0035	.00016	.99674
%RSD	.47718	.89235	1.0022	2.1261	62.618	.5174	.46088	38.185
#1	18.371	.73871	.22672	.20244	.00700	.6717	.03536	-2.2380
#2	18.234	.75190	.22420	.20671	.00427	.6669	.03517	-3.7396
#3	18.210	.74387	.22224	.19810	.00162	.6650	.03504	-1.8533

Sample Name: J6566-13 Acquired: 12/28/2018 0:21:36 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.87471
Stddev	.33902
%RSD	38.758

#1	.55685
#2	1.2315
#3	.83575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.8	73620.	5115.6	111.01	4250.9
Stddev	28.3	1113.	44.1	.34	34.3
%RSD	.84780	1.5114	.86154	.30558	.80732

#1	3307.3	72910.	5073.3	111.20	4211.7
#2	3352.3	74902.	5112.3	111.21	4265.3
#3	3359.6	73048.	5161.3	110.62	4275.7

Sample Name: J6568-01 Acquired: 12/28/2018 0:25:40 Type: Unk
Method: P4-ICP2(v2686) 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	.04841	-.00690	6.5551	.06049	.01092	99.679	.46113	.00682
Stddev	.00359	.00167	.0263	.00363	.00178	1.283	.00133	.00031
%RSD	7.4195	24.166	.40131	6.0074	16.296	1.2875	.28918	4.5921

#1	.05251	-.00765	6.5849	.05848	.01040	99.093	.45976	.00687
#2	.04580	-.00499	6.5351	.06469	.00946	101.15	.46242	.00710
#3	.04692	-.00806	6.5454	.05831	.01291	98.794	.46123	.00648

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	12.383	.29577	.06808	.59959	437.16	4.3890	17.793
Stddev	.00137	.070	.00383	.00013	.00397	10.05	.0781	.114
%RSD	111.41	.56301	1.2937	.18432	.66139	2.2979	1.7807	.63995

#1	-.00079	12.345	.29646	.06822	.60360	435.27	4.4059	17.663
#2	-.00277	12.341	.29921	.06798	.59567	448.02	4.4573	17.873
#3	-.00013	12.464	.29165	.06805	.59951	428.19	4.3037	17.844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18342	.01849	.37817	.31427	1.6066	4.6908	.00659	.08591
Stddev	.00060	.00119	.00477	.00307	.0398	.0037	.00033	.01313
%RSD	.32962	6.4130	1.2602	.97732	2.4771	.07973	5.0353	15.282

#1	.18327	.01787	.38362	.31314	1.6125	4.6937	.00695	.08086
#2	.18291	.01985	.37479	.31775	1.6431	4.6922	.00654	.10082
#3	.18409	.01774	.37609	.31193	1.5642	4.6866	.00629	.07606

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1159	2.2896	.04506	1.7864	.07689	6.968	-.40616	<.00000
Stddev	.0247	.0338	.00078	.0166	.00176	.014	.01093	1.0037
%RSD	.59921	1.4782	1.7354	.93034	2.2921	.1952	2.6922	17.869

#1	4.1443	2.2990	.04590	1.7673	.07498	6.966	-.40477	-5.3270
#2	4.1035	2.3177	.04492	1.7945	.07723	6.983	-.41773	-4.7902
#3	4.0999	2.2520	.04435	1.7974	.07845	6.956	-.39600	-6.7338

Sample Name: J6568-01 Acquired: 12/28/2018 0:25:40 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.4	76548.	5663.7	102.76	3785.2
Stddev	4.8	1048.	17.5	2.65	7.3
%RSD	.13560	1.3693	.30979	2.5744	.19272

#1	3562.3	76367.	5648.8	102.42	3777.7
#2	3567.8	75602.	5659.4	100.31	3792.2
#3	3572.0	77674.	5683.1	105.57	3785.8

Sample Name: J6568-02 Acquired: 12/28/2018 0:29:48 Type: Unk
Method: P4-ICP2(v2686) 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	.08012	-.00875	2.5691	.03707	.00549	134.16	.97632
Stddev	.00210	.00027	.0050	.00170	.00105	.77	.00673
%RSD	2.6151	3.1357	.19264	4.5847	19.155	.57058	.68916

#1	.07844	-.00843	2.5643	.03812	.00494	133.27	.98089
#2	.07945	-.00886	2.5742	.03511	.00670	134.57	.97948
#3	.08247	-.00895	2.5689	.03798	.00482	134.63	.96859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00767	.00151	37.673	.23396	.08313	.79257	229.63
Stddev	.00004	.00019	.064	.00194	.00047	.00462	1.14
%RSD	.51762	12.773	.16993	.82775	.56070	.58341	.49571

#1	.00765	.00142	37.666	.23198	.08263	.78736	228.31
#2	.00764	.00138	37.739	.23403	.08320	.79412	230.26
#3	.00771	.00173	37.612	.23586	.08356	.79621	230.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3638	24.717	.23424	.01393	.67613	.36579	2.0343
Stddev	.0074	.082	.00154	.00016	.00791	.00183	.0026
%RSD	.17058	.33225	.65938	1.1569	1.1699	.50036	.13000

#1	4.3614	24.711	.23295	.01374	.67569	.36368	2.0316
#2	4.3722	24.802	.23383	.01405	.68425	.36688	2.0369
#3	4.3579	24.638	.23595	.01399	.66845	.36681	2.0344

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0625	.00913	.06584	6.0448	2.4969	.05505	2.4699
Stddev	.0335	.00014	.00684	.0197	.0205	.00056	.0050
%RSD	.47490	1.5459	10.390	.32608	.82136	1.0209	.20297

#1	7.0605	.00905	.06014	6.0224	2.4825	.05495	2.4672
#2	7.0969	.00905	.06397	6.0524	2.5204	.05454	2.4757
#3	7.0300	.00929	.07343	6.0595	2.4878	.05565	2.4668

Sample Name: J6568-02 Acquired: 12/28/2018 0:29:48 Type: Unk
Method: P4-ICP2(v2686) 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	.11049	F 11.05	-.05113	<.00000	F<.00000
Stddev	.00050	.03	.00173	.42480	1.7882
%RSD	.45351	.2473	3.3760	6.7248	1.5052
#1	.11004	11.02	-.04919	-6.3658	-118.33
#2	.11040	11.06	-.05170	-6.7150	-117.29
#3	.11103	11.07	-.05249	-5.8697	-120.78
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3631.3	78931.	5778.1	103.78	3812.5
Stddev	9.8	106.	33.1	.11	7.5
%RSD	.27087	.13488	.57199	.10264	.19553
#1	3642.4	79034.	5742.4	103.84	3820.8
#2	3623.6	78937.	5784.3	103.66	3806.4
#3	3627.9	78822.	5807.6	103.84	3810.3

Sample Name: CCV14 Acquired: 12/28/2018 0:33:55 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6620	4.6426	4.7560	4.7160	4.9404	9.5204	9.7735	.24731
Stddev	.0132	.0087	.0205	.0168	.0181	.0705	.0281	.00088
%RSD	.28367	.18772	.43187	.35513	.36544	.74080	.28738	.35651
#1	4.6710	4.6513	4.7721	4.7261	4.9609	9.4499	9.7589	.24785
#2	4.6681	4.6427	4.7630	4.7252	4.9335	9.5909	9.7557	.24629
#3	4.6468	4.6339	4.7329	4.6967	4.9268	9.5203	9.8059	.24778
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3946	24.532	.95279	2.3421	1.2142	F 4.4928	2.5107	24.974
Stddev	.0052	.179	.00239	.0048	.0038	.0856	.0052	.073
%RSD	.21859	.72968	.25082	.20550	.31373	1.9047	.20712	.29375
#1	2.3973	24.335	.95396	2.3449	1.2178	4.4414	2.5157	24.978
#2	2.3979	24.575	.95436	2.3448	1.2146	4.4453	2.5111	25.046
#3	2.3886	24.685	.95004	2.3365	1.2102	4.5915	2.5053	24.899
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3139	1.1478	25.534	2.4305	2.3555	23.581	4.7181	4.8709
Stddev	.0076	.0034	.115	.0050	.0487	.116	.0107	.0049
%RSD	.32668	.29852	.44889	.20711	2.0682	.49397	.22720	.10097
#1	2.3171	1.1455	25.438	2.4347	2.3395	23.508	4.7291	4.8735
#2	2.3193	1.1517	25.504	2.4318	2.3168	23.519	4.7174	4.8653
#3	2.3053	1.1461	25.661	2.4249	2.4102	23.715	4.7077	4.8741
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3363	4.7146	4.6492	4.8170	5.0066	4.574	4.8631	F .67823
Stddev	.0095	.0089	.0068	.0183	.0303	.007	.0298	.08244
%RSD	.21912	.18930	.14641	.37912	.60534	.1636	.61199	12.155
#1	4.3358	4.7160	4.6559	4.7971	4.9843	4.578	4.8648	.72717
#2	4.3460	4.7051	4.6495	4.8210	4.9945	4.579	4.8325	.72447
#3	4.3270	4.7228	4.6423	4.8330	5.0411	4.566	4.8919	.58305

Sample Name: CCV14 Acquired: 12/28/2018 0:33:55 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5712
Stddev .1959
%RSD 7.6177

#1 2.4100
#2 2.7892
#3 2.5144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.5	68296.	4849.8	104.87	3824.7
Stddev	13.2	114.	13.3	2.11	13.4
%RSD	.41583	.16718	.27477	2.0137	.34964

#1	3163.3	68411.	4850.4	105.34	3809.7
#2	3186.5	68183.	4862.9	106.71	3828.8
#3	3185.9	68296.	4836.3	102.57	3835.4

Sample Name: CCB14 Acquired: 12/28/2018 0:37:42 Type: Unk
Method: P4-ICP2(v2686) 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	.00067	.00216	F .05215	.00294	.00052	-.00278	-.00323
Stddev	.00106	.00051	.00314	.00155	.00061	.00462	.00111
%RSD	158.43	23.732	6.0213	52.781	116.78	166.27	34.430

#1	-.00003	.00271	.05553	.00116	.00119	-.00805	-.00285
#2	.00015	.00209	.05160	.00361	.00000	.00053	-.00448
#3	.00189	.00169	.04933	.00404	.00037	-.00081	-.00235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00004	.00443	-.00055	-.00009	.00054	-.00428
Stddev	.00003	.00007	.00233	.00024	.00006	.00025	.00473
%RSD	20.996	205.38	52.594	43.955	65.146	46.565	110.62

#1	-.00015	-.00000	.00632	-.00065	-.00016	.00027	-.00692
#2	-.00010	-.00001	.00515	-.00072	-.00006	.00077	-.00710
#3	-.00011	.00012	.00183	-.00027	-.00006	.00056	.00119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.05656	.00080	.00014	.12028	.00059	.00046
Stddev	.00002	.01836	.00021	.00012	.00773	.00015	.00006
%RSD	8.0186	32.466	25.873	89.602	6.4241	25.642	14.007

#1	.00023	.04000	.00060	-.00000	.12809	.00076	.00052
#2	.00026	.07631	.00101	.00021	.11263	.00049	.00048
#3	.00027	.05338	.00077	.00021	.12011	.00052	.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03382	.00012	-.00124	.00367	-.00721	.00276	-.00164
Stddev	.01689	.00006	.00230	.00245	.00110	.00025	.00028
%RSD	49.946	52.075	185.74	66.748	15.331	8.9392	17.235

#1	.04671	.00013	-.00288	.00404	-.00593	.00249	-.00182
#2	.01470	.00019	.00139	.00592	-.00782	.00297	-.00179
#3	.04005	.00006	-.00223	.00106	-.00787	.00283	-.00131

Sample Name: CCB14 Acquired: 12/28/2018 0:37:42 Type: Unk
 Method: P4-ICP2(v2686) 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	.00170	.0021	.00014	F<.00000	F<.00000
Stddev	.00056	.0011	.00008	.19766	.38802
%RSD	33.208	50.50	55.424	6.8453	177.03
#1	.00155	.0030	.00007	-3.1038	-.63145
#2	.00123	.0024	.00022	-2.8427	-.16500
#3	.00232	.0009	.00013	-2.7161	.13890
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.2	72510.	4966.7	109.72	4388.2
Stddev	16.0	211.	88.7	1.97	17.6
%RSD	.47851	.29086	1.7855	1.7947	.40127
#1	3329.6	72753.	4875.2	107.48	4369.2
#2	3361.1	72370.	5052.2	111.17	4404.0
#3	3350.8	72409.	4972.8	110.51	4391.3

Sample Name: J6568-03 Acquired: 12/28/2018 0:41:53 Type: Unk
Method: P4-ICP2(v2686) 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	.09091	-.00635	2.4456	.03138	.00442	108.60	.98267
Stddev	.00164	.00118	.0051	.00235	.00251	.41	.00203
%RSD	1.8008	18.545	.20816	7.4865	56.860	.37636	.20704

#1	.09032	-.00590	2.4505	.03356	.00152	108.81	.98485
#2	.09277	-.00547	2.4459	.02889	.00571	108.13	.98234
#3	.08966	-.00769	2.4404	.03168	.00602	108.87	.98083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	.00417	121.61	.23483	.06924	.89875	191.79
Stddev	.00011	.00012	.87	.00234	.00062	.00157	.81
%RSD	1.7027	2.9791	.71456	.99738	.88867	.17445	.42247

#1	.00667	.00403	121.88	.23705	.06878	.89694	192.45
#2	.00645	.00425	120.64	.23238	.06994	.89976	190.89
#3	.00655	.00423	122.31	.23506	.06900	.89955	192.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3323	62.307	.17924	.01582	.72206	.30162	2.2827
Stddev	.0313	.135	.00091	.00039	.00685	.00265	.0089
%RSD	.72168	.21682	.50694	2.4445	.94849	.87707	.38901

#1	4.3492	62.462	.17960	.01590	.72919	.30209	2.2919
#2	4.2962	62.214	.17821	.01540	.72146	.29877	2.2820
#3	4.3513	62.245	.17991	.01616	.71553	.30399	2.2742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1455	.00851	.04405	9.8557	2.2273	.07467	1.9407
Stddev	.0206	.00021	.00114	.0119	.0251	.00097	.0068
%RSD	.28862	2.4502	2.5917	.12072	1.1264	1.2976	.35107

#1	7.1693	.00875	.04535	9.8469	2.2563	.07422	1.9483
#2	7.1330	.00835	.04357	9.8509	2.2115	.07400	1.9352
#3	7.1341	.00844	.04323	9.8692	2.2143	.07578	1.9385

Sample Name: J6568-03 Acquired: 12/28/2018 0:41:53 Type: Unk
 Method: P4-ICP2(v2686) 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	.09400	F 15.78	.07404	<.00000	F<.00000
Stddev	.00224	.04	.00094	.06217	.15866
%RSD	2.3785	.2700	1.2725	1.2054	.18486

#1	.09322	15.82	.07390	-5.1139	-85.656
#2	.09652	15.78	.07318	-5.2291	-85.969
#3	.09227	15.73	.07505	-5.1311	-85.854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.2	76653.	5556.5	103.16	3725.6
Stddev	4.1	224.	13.9	.35	3.5
%RSD	.11713	.29181	.25065	.33663	.09515

#1	3492.8	76415.	5542.7	102.87	3725.3
#2	3487.8	76859.	5570.5	103.07	3722.2
#3	3495.9	76685.	5556.3	103.54	3729.3

Sample Name: J6568-04 Acquired: 12/28/2018 0:46:00 Type: Unk
Method: P4-ICP2(v2686) 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	.05492	-.00701	2.1637	.03385	.00572	112.85	.56952
Stddev	.00209	.00147	.0093	.00075	.00049	.27	.00135
%RSD	3.8037	20.983	.42916	2.2145	8.4919	.23652	.23627

#1	.05320	-.00849	2.1587	.03445	.00560	113.05	.57092
#2	.05725	-.00701	2.1744	.03409	.00530	112.96	.56824
#3	.05432	-.00554	2.1580	.03301	.00625	112.55	.56940

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00742	.00127	25.022	.22215	.08345	.91642	215.84
Stddev	.00020	.00047	.071	.00291	.00057	.00812	3.31
%RSD	2.6627	36.822	.28205	1.3079	.68024	.88595	1.5337

#1	.00762	.00121	24.991	.22297	.08324	.91763	216.04
#2	.00741	.00177	24.973	.22456	.08409	.92387	212.43
#3	.00723	.00084	25.103	.21893	.08301	.90777	219.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4258	27.558	.29808	.01116	.51259	.32539	2.8251
Stddev	.0339	.079	.00147	.00101	.00254	.00507	.0337
%RSD	.76587	.28586	.49439	9.0565	.49521	1.5570	1.1933

#1	4.4473	27.648	.29749	.01153	.51409	.32765	2.8397
#2	4.4435	27.526	.29975	.01002	.50966	.32892	2.7866
#3	4.3868	27.501	.29698	.01194	.51402	.31958	2.8491

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0959	.00538	.03689	3.5654	2.4837	.02939	2.5854
Stddev	.0078	.00005	.01539	.0227	.0302	.00085	.0066
%RSD	.11000	1.0041	41.714	.63604	1.2172	2.8839	.25350

#1	7.0900	.00532	.03981	3.5524	2.4567	.02918	2.5802
#2	7.0929	.00540	.02025	3.5916	2.5164	.02867	2.5832
#3	7.1047	.00543	.05060	3.5523	2.4780	.03032	2.5927

Sample Name: J6568-04 Acquired: 12/28/2018 0:46:00 Type: Unk
 Method: P4-ICP2(v2686) 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	.09506	7.412	-.09497	<.00000	F<.00000
Stddev	.00075	.033	.00367	.20448	1.4644
%RSD	.78878	.4416	3.8688	3.0582	1.3177

#1	.09524	7.387	-.09536	-6.7531	-109.44
#2	.09423	7.449	-.09112	-6.4568	-112.00
#3	.09570	7.400	-.09844	-6.8491	-111.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.3	79354.	5690.6	106.23	3880.2
Stddev	13.7	643.	23.3	1.15	18.0
%RSD	.37611	.81066	.41011	1.0842	.46514

#1	3638.9	78850.	5671.3	105.66	3884.4
#2	3625.8	79133.	5684.0	107.55	3860.4
#3	3653.2	80079.	5716.5	105.47	3895.8

Sample Name: J6568-05 Acquired: 12/28/2018 0:50:08 Type: Unk
Method: P4-ICP2(v2686) 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	.06094	-.00052	6.4620	.04438	.00611	112.31	.93012
Stddev	.00087	.00031	.0553	.00364	.00080	.16	.00562
%RSD	1.4197	60.584	.85518	8.1917	13.100	.14550	.60397

#1	.06185	-.00031	6.5241	.04198	.00531	112.30	.93122
#2	.06085	-.00088	6.4183	.04260	.00691	112.48	.92403
#3	.06013	-.00036	6.4436	.04857	.00609	112.15	.93510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00751	.00174	9.3202	.27478	.06487	.53185	237.36
Stddev	.00001	.00065	.0632	.00138	.00043	.00478	5.05
%RSD	.10898	37.539	.67835	.50115	.66103	.89871	2.1289

#1	.00752	.00227	9.2920	.27504	.06537	.53700	234.05
#2	.00751	.00193	9.2759	.27600	.06461	.53098	234.85
#3	.00750	.00101	9.3926	.27328	.06464	.52756	243.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.116	18.036	.30233	.01149	.34190	.33840	1.4122
Stddev	.121	.113	.00239	.00093	.00101	.00087	.0317
%RSD	.75277	.62531	.79162	8.0885	.29593	.25820	2.2474

#1	16.170	18.103	.30483	.01104	.34299	.33911	1.3928
#2	15.977	17.906	.30006	.01086	.34099	.33866	1.3950
#3	16.201	18.100	.30211	.01255	.34172	.33742	1.4488

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2698	.00547	.04880	4.0728	1.7600	.03991	1.7815
Stddev	.0158	.00026	.00627	.0148	.0238	.00063	.0126
%RSD	.36899	4.7840	12.842	.36342	1.3515	1.5892	.70483

#1	4.2745	.00570	.04212	4.0881	1.7623	.03992	1.7786
#2	4.2523	.00519	.05455	4.0585	1.7351	.04055	1.7706
#3	4.2827	.00553	.04973	4.0717	1.7825	.03928	1.7952

Sample Name: J6568-05 Acquired: 12/28/2018 0:50:08 Type: Unk
 Method: P4-ICP2(v2686) 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	.08399	8.368	-.16649	<.00000	F<.00000
Stddev	.00059	.067	.00479	.52255	1.7696
%RSD	.70188	.7949	2.8795	5.8675	1.4027
#1	.08379	8.445	-.16301	-9.4086	-124.80
#2	.08465	8.328	-.16450	-8.9432	-125.53
#3	.08352	8.331	-.17196	-8.3655	-128.16
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.2	82596.	5974.0	107.41	3932.7
Stddev	22.5	124.	49.3	2.34	28.7
%RSD	.58817	.15040	.82519	2.1775	.72867
#1	3792.6	82739.	6005.0	108.89	3900.2
#2	3827.4	82533.	5999.9	108.62	3954.4
#3	3834.6	82516.	5917.2	104.71	3943.5

Sample Name: J6529-16 Acquired: 12/28/2018 0:54:17 Type: Unk
Method: P4-ICP2(v2686) 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	-.00147	-.00316	.01620	.00043	-.00139	-.00744	.25469	-.00012
Stddev	.00064	.00118	.00047	.00338	.00198	.01194	.00425	.00006
%RSD	43.097	37.417	2.8819	777.94	142.37	160.54	1.6707	46.800

#1	-.00184	-.00266	.01673	-.00194	-.00262	-.00374	.25868	-.00009
#2	-.00184	-.00451	.01596	.00430	-.00244	-.02079	.25517	-.00009
#3	-.00074	-.00230	.01589	-.00107	.00089	.00222	.25021	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	175.61	.00018	-.00038	.00796	-.04517	.01641	4.9059
Stddev	.00011	2.92	.00041	.00027	.00018	.00410	.00033	.0594
%RSD	89.122	1.6616	227.85	70.831	2.2510	9.0882	1.9934	1.2100

#1	.00014	177.72	.00003	-.00043	.00790	-.04044	.01652	4.9431
#2	.00023	176.84	-.00014	-.00063	.00782	-.04716	.01666	4.9372
#3	.00001	172.28	.00065	-.00009	.00816	-.04789	.01604	4.8374

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00047	364.09	.00142	.09746	1.7096	.00069	.02596
Stddev	.00031	.00021	8.83	.00028	.00211	.0181	.00005	.00511
%RSD	16.663	44.578	2.4260	19.397	2.1667	1.0565	7.0551	19.697

#1	.00214	-.00050	373.02	.00124	.09984	1.6989	.00068	.02071
#2	.00153	-.00025	363.89	.00174	.09581	1.7305	.00075	.03092
#3	.00186	-.00067	355.36	.00128	.09673	1.6995	.00065	.02624

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3657	.75528	.00130	-.00713	.01330	.0360	.36446	1.3001
Stddev	.0054	.01090	.00062	.00012	.00085	.0013	.00679	1.1874
%RSD	.39522	1.4431	47.718	1.6552	6.3660	3.513	1.8626	91.335

#1	1.3666	.76472	.00092	-.00699	.01297	.0370	.36939	2.2472
#2	1.3705	.75778	.00202	-.00718	.01426	.0346	.36726	1.6850
#3	1.3598	.74335	.00097	-.00721	.01266	.0365	.35671	-.03207

Sample Name: J6529-16 Acquired: 12/28/2018 0:54:17 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5186
Stddev	.4822
%RSD	19.146

#1	2.9959
#2	2.5282
#3	2.0317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2985.3	64942.	4772.4	103.96	3624.3
Stddev	1.1	1605.	94.7	2.31	15.9
%RSD	.03671	2.4711	1.9833	2.2251	.43985

#1	2984.3	64064.	4693.8	101.39	3641.3
#2	2986.5	63968.	4746.0	105.86	3609.8
#3	2985.2	66794.	4877.5	104.64	3621.8

Sample Name: J6529-17 Acquired: 12/28/2018 0:58:32 Type: Unk
Method: P4-ICP2(v2686) 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	-.00207	-.00281	.01377	.00171	-.00126	-.00594	.17053	-.00012
Stddev	.00121	.00092	.00063	.00106	.00052	.01269	.00094	.00004
%RSD	58.519	32.870	4.5591	62.117	41.212	213.57	.55338	28.824

#1	-.00328	-.00383	.01450	.00266	-.00184	.00473	.17090	-.00016
#2	-.00208	-.00258	.01338	.00190	-.00113	-.00258	.16946	-.00013
#3	-.00086	-.00202	.01345	.00057	-.00082	-.01997	.17124	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	127.35	-.00001	-.00026	.00122	-.03767	.12065	6.1225
Stddev	.00007	.65	.00048	.00009	.00020	.00249	.00056	.0598
%RSD	16.046	.50749	5105.0	36.375	16.391	6.6142	.46011	.97684

#1	.00047	126.77	.00024	-.00036	.00116	-.03513	.12065	6.1176
#2	.00035	127.24	.00029	-.00024	.00145	-.04011	.12121	6.0653
#3	.00047	128.05	-.00056	-.00018	.00106	-.03776	.12010	6.1846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	-.00030	318.45	.00126	.11457	2.6589	.00086	.04549
Stddev	.00055	.00026	1.31	.00023	.00054	.0234	.00018	.00423
%RSD	29.339	85.795	.41068	18.013	.47412	.87922	21.068	9.3055

#1	.00233	-.00023	318.00	.00133	.11445	2.6422	.00104	.05033
#2	.00127	-.00009	317.42	.00144	.11411	2.6489	.00086	.04365
#3	.00206	-.00059	319.92	.00101	.11517	2.6856	.00068	.04248

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8004	1.2183	.00041	-.00450	.01562	.0554	.26710	1.3798
Stddev	.0175	.0022	.00027	.00101	.00176	.0011	.00111	.1022
%RSD	.62638	.18433	64.959	22.512	11.257	1.899	.41676	7.4042

#1	2.8146	1.2200	.00054	-.00485	.01407	.0566	.26595	1.2842
#2	2.8058	1.2192	.00058	-.00529	.01526	.0545	.26717	1.3676
#3	2.7808	1.2158	.00010	-.00336	.01753	.0552	.26817	1.4874

Sample Name: J6529-17 Acquired: 12/28/2018 0:58:32 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9380
Stddev .1309
%RSD 6.7557

#1 1.8269
#2 2.0823
#3 1.9046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.3	65350.	4763.1	104.36	3708.4
Stddev	21.4	51.	15.2	.62	31.3
%RSD	.70472	.07831	.31815	.59457	.84409

#1	3032.6	65295.	4759.2	104.26	3681.9
#2	3023.9	65360.	4779.8	105.02	3700.4
#3	3064.6	65396.	4750.3	103.79	3742.9

Sample Name: J6548-16DLX10 Acquired: 12/28/2018 1:02:46 Type: Unk
Method: P4-ICP2(v2686) 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	-.00084	.00162	.01461	.00121	.00681	-.00161	.00720	-.00011
Stddev	.00151	.00060	.00055	.00188	.00092	.00466	.00070	.00006
%RSD	181.17	36.954	3.7761	155.32	13.459	289.06	9.6811	50.844

#1	-.00123	.00120	.01484	.00077	.00773	-.00206	.00775	-.00017
#2	-.00211	.00136	.01502	.00327	.00590	-.00603	.00641	-.00005
#3	.00084	.00231	.01398	-.00041	.00679	.00326	.00743	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	.62522	-.00021	.00070	.00096	.27415	.01349	.11280
Stddev	.00005	.00295	.00007	.00009	.00044	.00812	.00010	.00642
%RSD	4.2088	.47261	34.575	12.386	46.189	2.9620	.74250	5.6948

#1	.00131	.62639	-.00016	.00067	.00145	.27111	.01338	.12003
#2	.00122	.62741	-.00029	.00080	.00081	.28335	.01357	.11062
#3	.00132	.62186	-.00018	.00064	.00061	.26798	.01352	.10775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00057	35.862	.00064	20.403	.14443	-.00234	.17957
Stddev	.00006	.00006	.309	.00022	.364	.02356	.00009	.00553
%RSD	6.2018	9.7493	.86234	34.365	1.7831	16.314	3.9626	3.0776

#1	.00102	-.00054	35.532	.00058	20.317	.11730	-.00224	.17320
#2	.00090	-.00064	35.907	.00089	20.803	.15982	-.00242	.18233
#3	.00095	-.00054	36.146	.00046	20.091	.15616	-.00235	.18317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69043	.09777	.00097	-.00102	.00515	.0030	.01642	<.00000
Stddev	.00512	.00179	.00021	.00062	.00191	.0007	.00012	.00618
%RSD	.74187	1.8358	21.682	60.707	37.165	22.11	.75498	.31820

#1	.68464	.09754	.00083	-.00032	.00445	.0036	.01629	-1.9396
#2	.69436	.09967	.00121	-.00128	.00368	.0023	.01654	-1.9478
#3	.69230	.09610	.00086	-.00148	.00731	.0030	.01642	-1.9357

Sample Name: J6548-16DLX10 Acquired: 12/28/2018 1:02:46 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .06766
%RSD 74.842

#1 -.09728
#2 -.15438
#3 -.01957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3294.0	71545.	4928.7	111.20	4234.2
Stddev	7.0	18.	5.0	1.95	11.5
%RSD	.21265	.02497	.10067	1.7568	.27129

#1	3300.9	71562.	4928.4	111.55	4243.2
#2	3294.2	71546.	4933.9	109.09	4238.2
#3	3286.9	71526.	4924.0	112.95	4221.3

Sample Name: CCV15 Acquired: 12/28/2018 1:06:54 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6121	4.6046	4.6571	4.6776	4.9172	9.2879	9.7303
Stddev	.0124	.0117	.0069	.0106	.0118	.0417	.1101
%RSD	.26961	.25462	.14738	.22621	.23982	.44871	1.1311

#1	4.6263	4.6070	4.6636	4.6804	4.9258	9.2843	9.7781
#2	4.6031	4.5919	4.6500	4.6659	4.9037	9.3313	9.8084
#3	4.6070	4.6150	4.6577	4.6865	4.9219	9.2482	9.6044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24473	2.3869	24.165	.93386	2.3209	1.2051	4.5274
Stddev	.00055	.0052	.325	.00239	.0045	.0022	.0437
%RSD	.22444	.21724	1.3458	.25596	.19228	.18445	.96555

#1	.24527	2.3902	24.331	.93291	2.3219	1.2070	4.5132
#2	.24417	2.3809	24.373	.93658	2.3160	1.2027	4.5765
#3	.24476	2.3896	23.790	.93210	2.3248	1.2058	4.4926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4854	24.874	2.2948	F 1.1191	25.612	2.4091	2.4009
Stddev	.0020	.153	.0067	.0045	.241	.0010	.0215
%RSD	.08216	.61452	.29104	.39748	.94039	.04046	.89693

#1	2.4876	24.773	2.3025	1.1228	25.686	2.4097	2.3995
#2	2.4850	25.050	2.2900	1.1205	25.807	2.4096	2.4231
#3	2.4836	24.800	2.2921	1.1142	25.342	2.4080	2.3801

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.484	4.6811	4.8669	F 4.2727	4.6786	4.6108	4.7803
Stddev	.247	.0062	.0189	.0073	.0446	.0062	.0100
%RSD	1.0524	.13169	.38804	.17184	.95350	.13382	.20856

#1	23.516	4.6865	4.8639	4.2790	4.6771	4.6123	4.7720
#2	23.713	4.6744	4.8871	4.2646	4.7239	4.6041	4.7914
#3	23.222	4.6824	4.8497	4.2744	4.6347	4.6161	4.7775

Sample Name: CCV15 Acquired: 12/28/2018 1:06:54 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9879	4.536	4.8483	F<.00000	F 2.2386
Stddev	.0565	.008	.0371	.09036	.3262
%RSD	1.1324	.1728	.76514	14.864	14.571
#1	5.0145	4.545	4.8231	-.61167	1.9102
#2	5.0261	4.530	4.8909	-.51572	2.2431
#3	4.9230	4.532	4.8310	-.69633	2.5625
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.2	69752.	4876.3	103.69	3877.2
Stddev	4.9	141.	46.1	1.05	8.9
%RSD	.15351	.20219	.94489	1.0153	.22929
#1	3211.7	69608.	4857.6	103.80	3867.2
#2	3221.3	69757.	4842.5	102.59	3884.2
#3	3218.6	69890.	4928.8	104.68	3880.1

Sample Name: CCB15 Acquired: 12/28/2018 1:10:44 Type: Unk
Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7852 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00252	F .01510	.00023	.00037	.00514	-.00228
Stddev	.00050	.00157	.00011	.00113	.00022	.00325	.00049
%RSD	252.08	62.479	.70661	482.18	57.897	63.220	21.640

#1	.00020	.00264	.01499	-.00052	.00039	.00710	-.00260
#2	-.00030	.00403	.01509	-.00031	.00058	.00139	-.00171
#3	.00069	.00089	.01520	.00153	.00015	.00692	-.00252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00001	-.00545	-.00019	-.00008	.00027	-.00221
Stddev	.00003	.00005	.01304	.00031	.00001	.00045	.00338
%RSD	69.463	611.95	239.34	163.32	16.114	168.53	153.07

#1	-.00006	.00003	-.00612	-.00050	-.00008	.00054	-.00517
#2	-.00001	-.00005	-.01815	.00012	-.00009	.00051	-.00294
#3	-.00007	.00005	.00792	-.00020	-.00007	-.00025	.00148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.06077	.00112	.00034	.17141	.00054	.00077
Stddev	.00004	.01388	.00013	.00019	.00893	.00067	.00005
%RSD	16.158	22.833	11.494	56.488	5.2104	123.24	6.6247

#1	.00022	.07604	.00126	.00052	.16616	.00124	.00073
#2	.00030	.04894	.00110	.00036	.16633	-.00009	.00083
#3	.00026	.05732	.00100	.00014	.18172	.00047	.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03697	.00027	.00127	-.00382	-.00700	.00215	-.00161
Stddev	.01633	.00007	.00681	.00082	.00098	.00024	.00097
%RSD	44.167	27.708	536.75	21.412	14.045	11.150	60.464

#1	.01848	.00035	.00779	-.00423	-.00687	.00242	-.00215
#2	.04301	.00026	.00182	-.00288	-.00608	.00196	-.00049
#3	.04942	.00020	-.00580	-.00435	-.00803	.00207	-.00219

Sample Name: CCB15 Acquired: 12/28/2018 1:10:44 Type: Unk
 Method: P4-ICP2(v2686) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7852 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.0033	.00020	F<.00000	F .06798
Stddev	.00101	.0013	.00003	.23165	.61368
%RSD	31.010	40.99	15.392	8.5081	902.69

#1	.00318	.0022	.00021	-2.4565	.43178
#2	.00227	.0048	.00016	-2.8327	.41272
#3	.00428	.0028	.00022	-2.8788	-.64055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.7	72052.	4868.8	109.17	4380.5
Stddev	17.6	372.	29.4	1.50	30.8
%RSD	.52861	.51629	.60346	1.3768	.70318

#1	3320.9	71798.	4887.6	110.11	4365.9
#2	3322.3	71880.	4835.0	107.43	4359.7
#3	3352.1	72479.	4883.9	109.96	4415.9