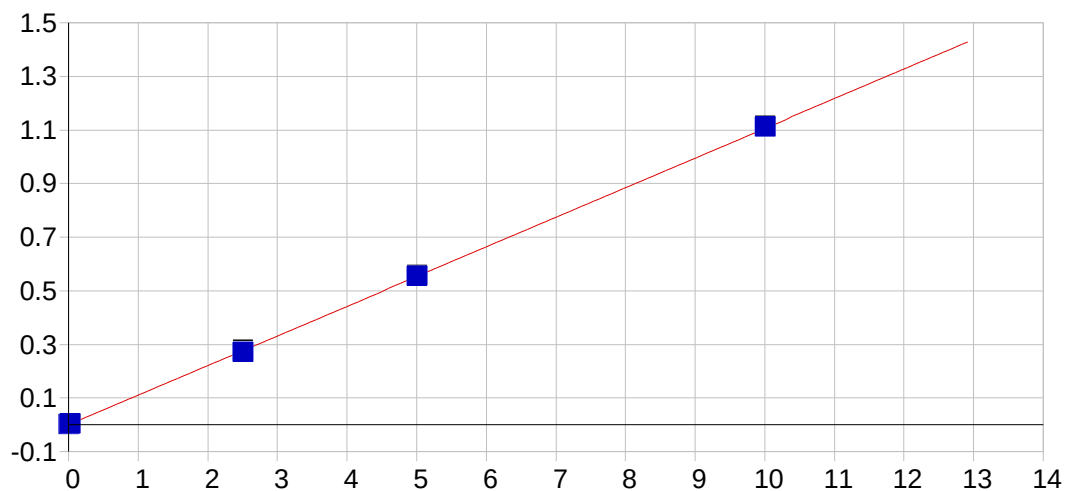


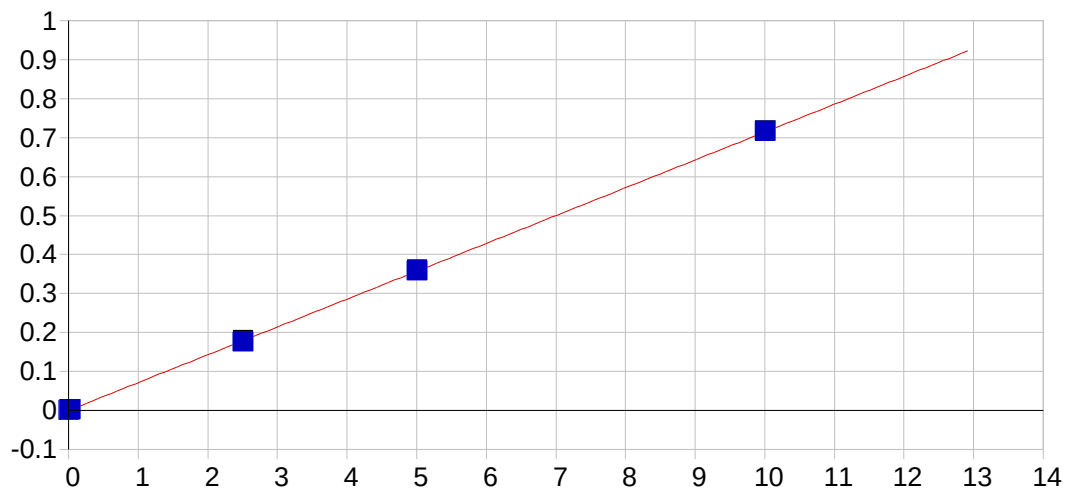


As 189.042 {478}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000380 Re-Slope: 1.000000
 A1 (Gain): 0.110631 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003084
 Predicted MQL: 0.010281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.02000	.02071	.001	3.56	.00191	.000	1
S3	2.5000	2.4503	-.050	-1.99	.27068	.005	1
S4	5.0000	5.0037	.004	.074	.55315	.003	1
S5	10.000	10.045	.045	.453	1.1109	.002	1



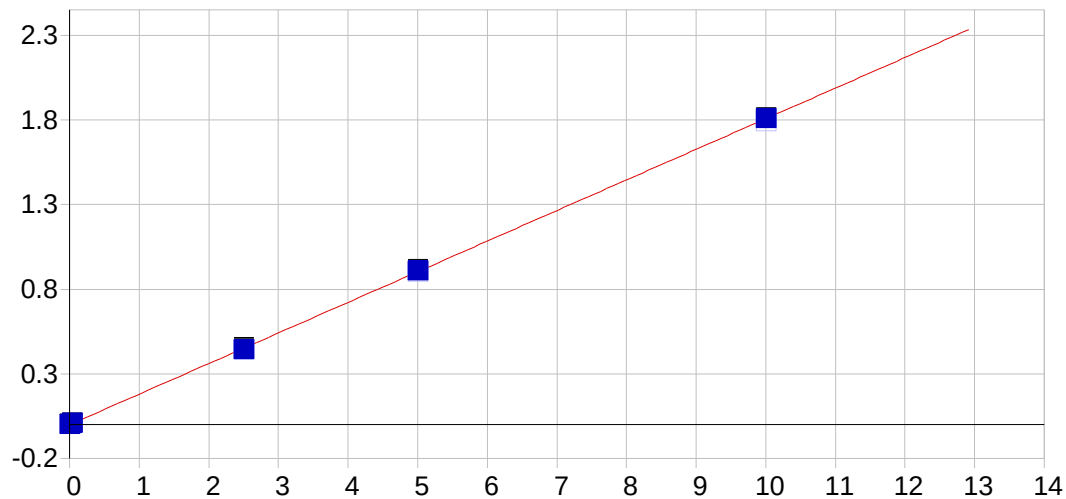
As 189.042 {479}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000083 Re-Slope: 1.000000

A1 (Gain): 0.071415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003045
 Predicted MQL: 0.010152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.02000	.01850	-.002	-7.52	.00140	.000	1
S3	2.5000	2.4587	-.041	-1.65	.17567	.004	1
S4	5.0000	5.0077	.008	.153	.35771	.003	1
S5	10.000	10.035	.035	.351	.71675	.001	1

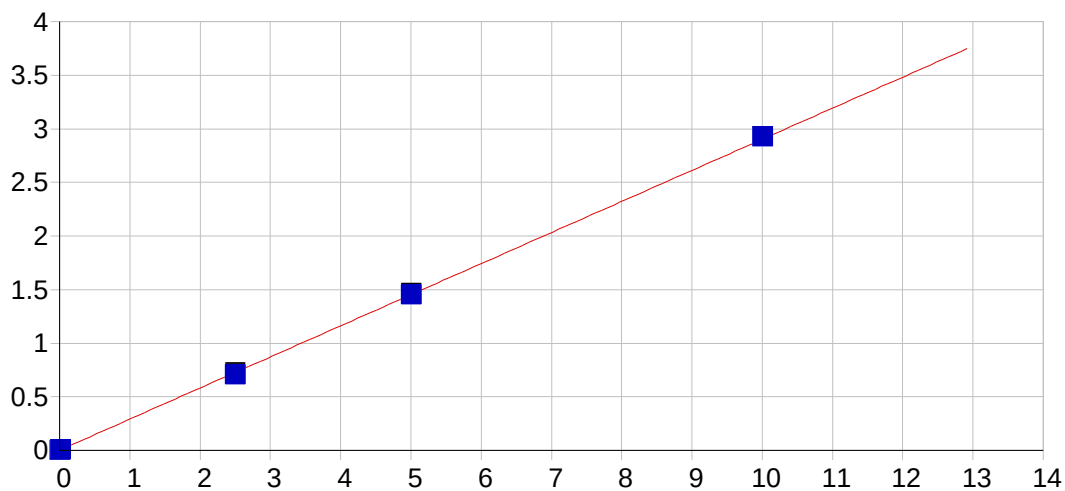


TI 190.856 {477}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000592 Re-Slope: 1.000000
 A1 (Gain): 0.180778 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001384
 Predicted MQL: 0.004615

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00059	.000	1
S1	.04000	.04591	.006	14.8	.00752	.000	1
S3	2.5000	2.4579	-.042	-1.68	.43910	.011	1
S4	5.0000	5.0285	.028	.570	.89918	.007	1
S5	10.000	10.008	.008	.078	1.7901	.004	1

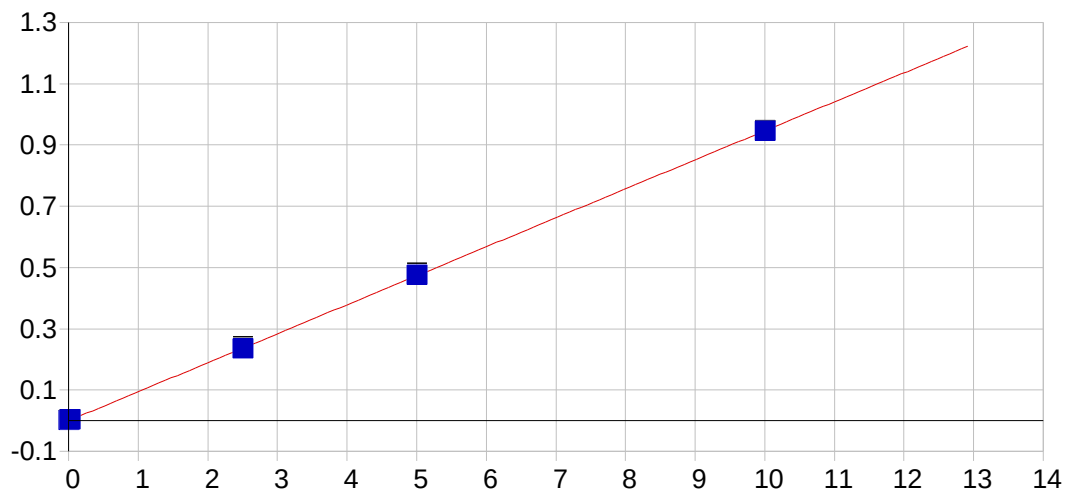


Pb 220.353 {453}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002243 Re-Slope: 1.000000
 A1 (Gain): 0.289976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.001276
 Predicted MQL: 0.004252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00224	.000	1
S1	.01200	.01333	.001	11.1	.00604	.000	1
S3	2.5000	2.4230	-.077	-3.08	.70389	.015	1
S4	5.0000	5.0006	.001	.012	1.4504	.011	1
S5	10.000	10.075	.075	.751	2.9200	.003	1



Se 196.090 {472}

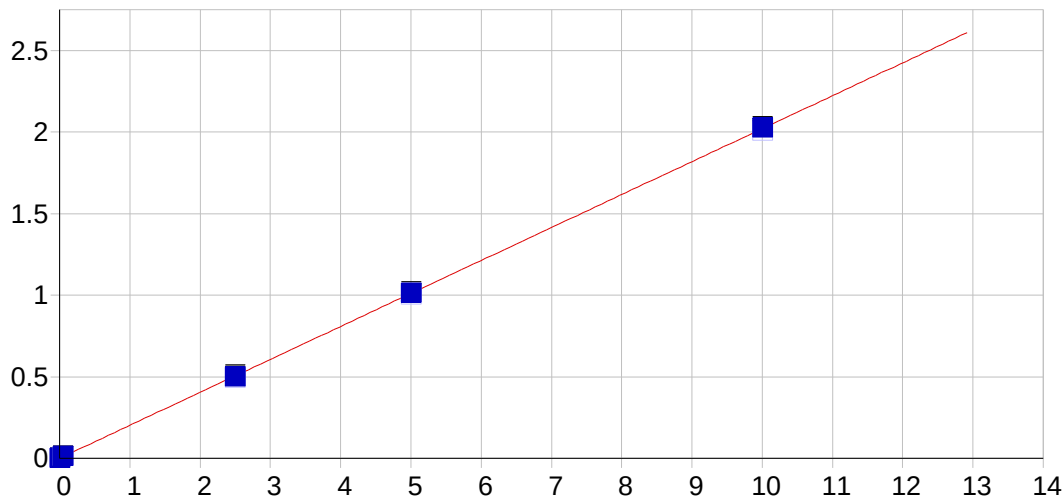
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.094658 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000016
 Predicted MDL: 0.003242
 Predicted MQL: 0.010808

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.02000	.02340	.003	17.0	.00201	.000	1
S3	2.5000	2.4776	-.022	-.898	.23429	.006	1
S4	5.0000	5.0250	.025	.499	.47539	.005	1
S5	10.000	9.9941	-.006	-.059	.94570	.001	1



Sb 206.833 {463}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

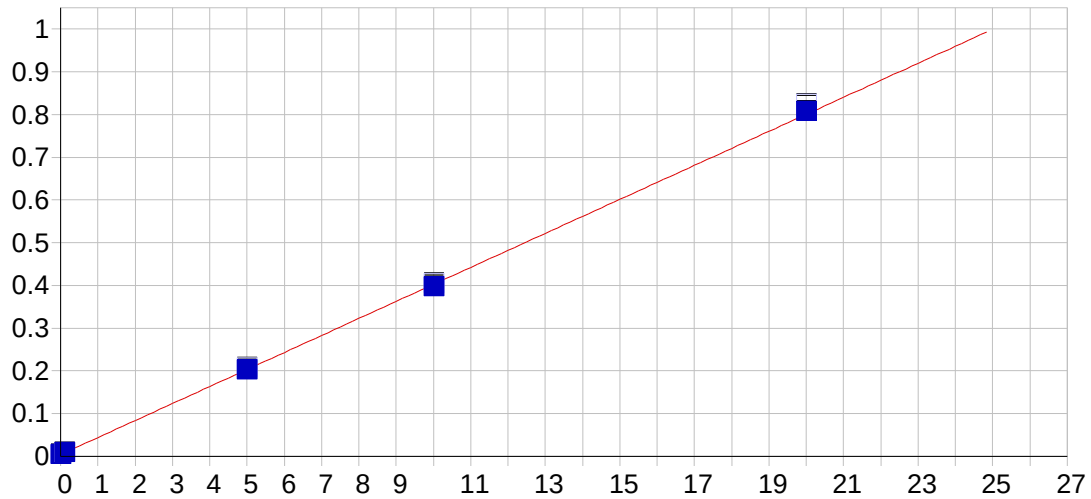
Weighting: 1/Conc

A0 (Offset): 0.000652
 A1 (Gain): 0.201978
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000078
 Predicted MDL: 0.001813
 Predicted MQL: 0.006042

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	.00065	.000	1
S1	.05000	.05643	.006	12.9	.01180	.000	1
S3	2.5000	2.4539	-.046	-1.84	.49061	.012	1
S4	5.0000	5.0114	.011	.228	1.0015	.007	1
S5	10.000	10.028	.028	.283	2.0034	.005	1

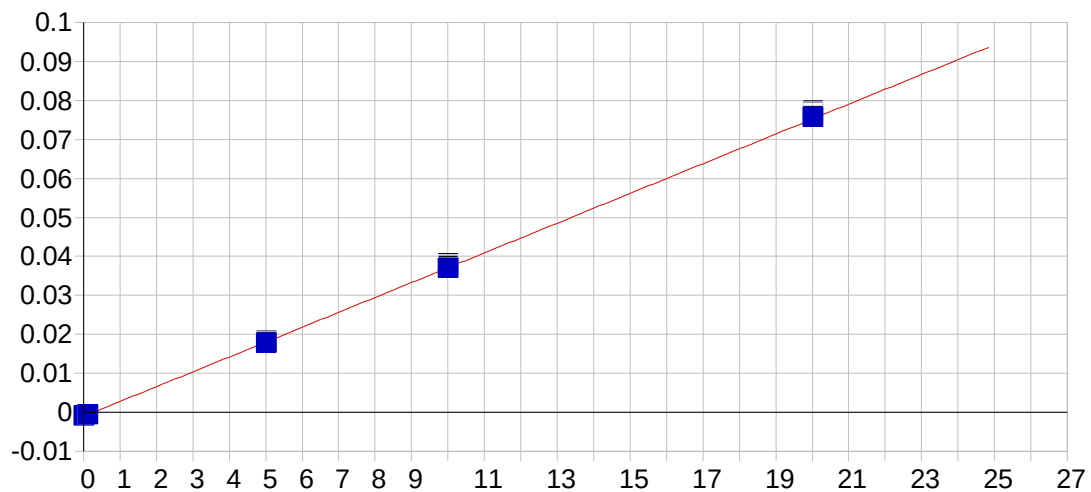


AI 308.215 {109}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004230 Re-Slope: 1.000000
 A1 (Gain): 0.039820 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.003262
 Predicted MQL: 0.010875

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00423	.000	1
S1	.10000	.10977	.010	9.77	.00888	.000	1
S3	5.0000	4.9679	-.032	-.642	.20602	.002	1
S4	10.000	9.8524	-.148	-1.48	.40448	.001	1
S5	20.000	20.170	.170	.848	.82324	.002	1



AI 309.271 {109}

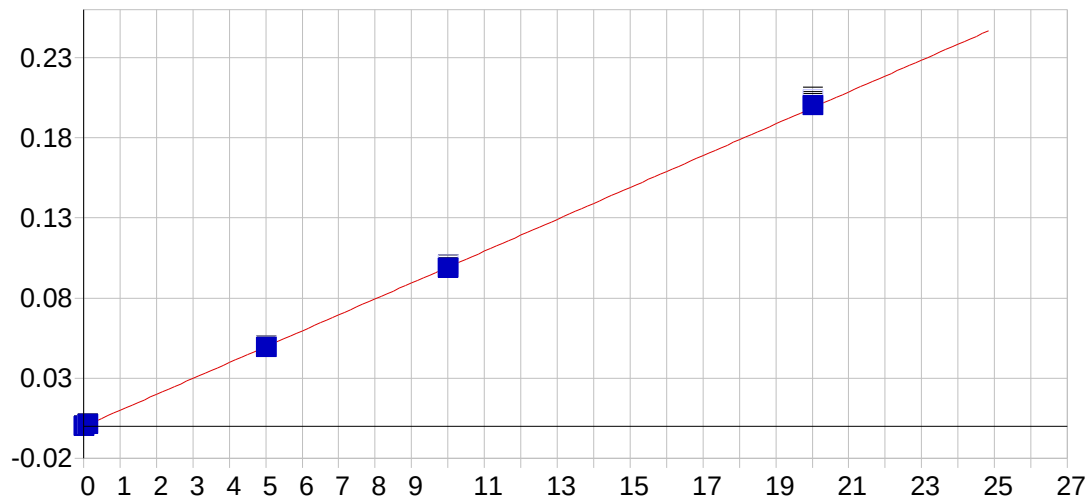
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001046 Re-Slope: 1.000000
 A1 (Gain): 0.003813 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000003
 Predicted MDL: 0.027883
 Predicted MQL: 0.092944

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00105	.000	1
S1	.10000	.08496	-.015	-15.0	-.00070	.000	1
S3	5.0000	4.9314	-.069	-1.37	.01814	.000	1
S4	10.000	9.9710	-.029	-.290	.03774	.000	1
S5	20.000	20.113	.113	.567	.07717	.000	1



AI 396.152 { 85}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

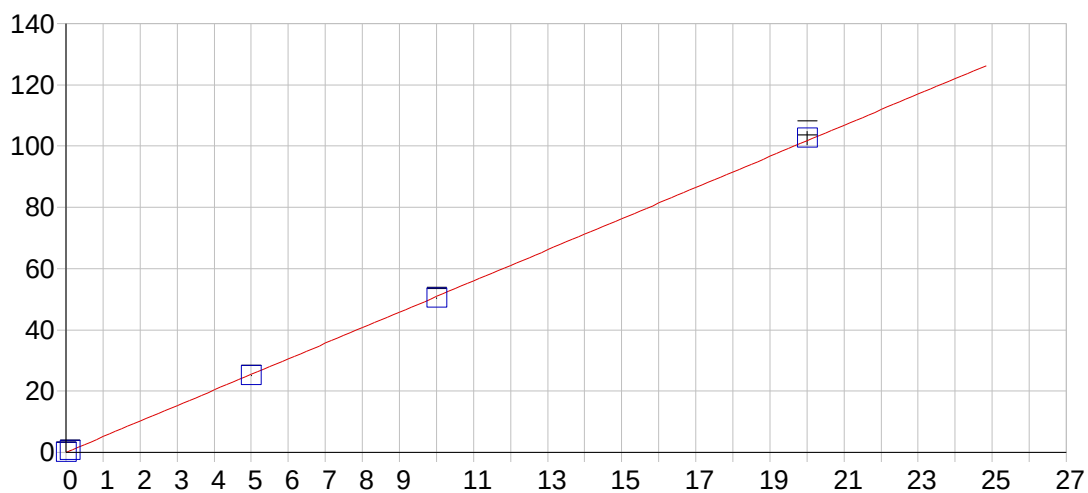
Weighting: 1/Conc

A0 (Offset): -0.000016
 A1 (Gain): 0.009935
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000009
 Predicted MDL: 0.013960
 Predicted MQL: 0.046532

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	-.00002	.000	1
S1	.10000	.11828	.018	18.3	.00123	.000	1
S3	5.0000	4.9366	-.063	-1.27	.05002	.000	1
S4	10.000	9.9241	-.076	-.759	.10056	.000	1
S5	20.000	20.120	.120	.601	.20384	.002	1

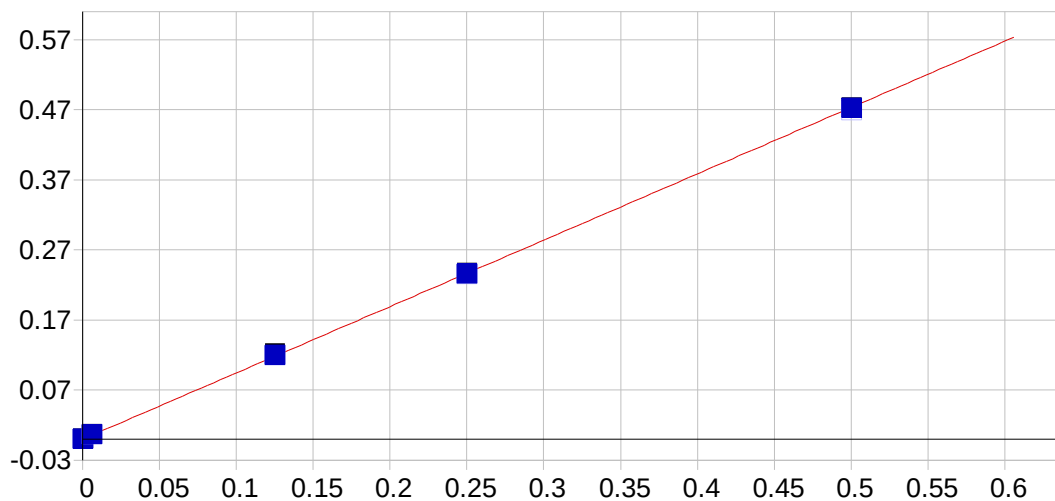


Ba 493.409 { 68}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039157 Re-Slope: 1.000000
 A1 (Gain): 5.084647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.004883
 Predicted MDL: 0.000672
 Predicted MQL: 0.002241

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03910	.001	1
S1	.10000	.11265	.013	12.6	.61194	.000	1
S3	5.0000	4.9269	-.073	-1.46	25.091	.010	1
S5	20.000	20.176	.176	.878	102.63	2.32	1
S4	10.000	9.8848	-.115	-1.15	50.300	.248	1



Be 234.861 {144}

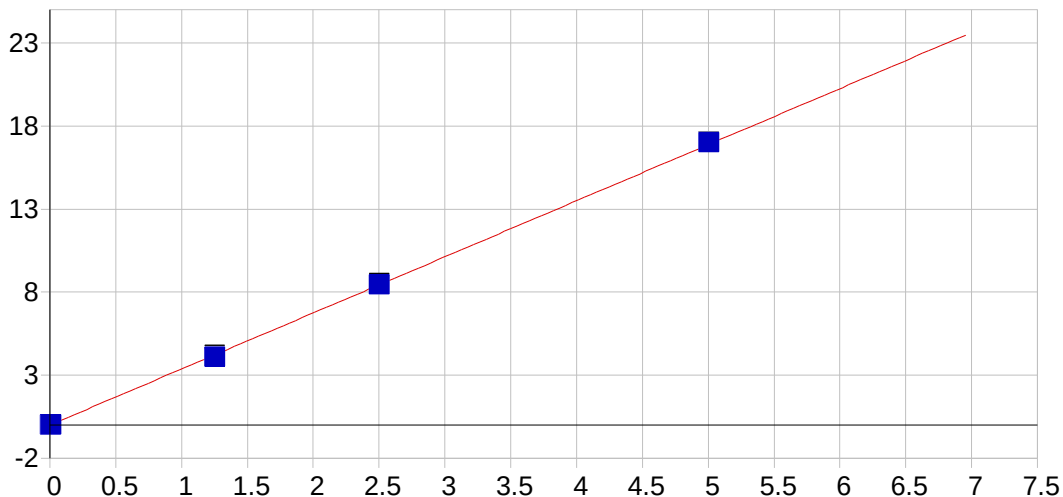
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.946653 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000027
 Predicted MDL: 0.000086
 Predicted MQL: 0.000286

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.00600	.00655	.001	9.10	.00614	.000	1
S3	.12500	.12669	.002	1.35	.11919	.001	1
S4	.25000	.24929	-.001	-.285	.23450	.000	1
S5	.50000	.49848	-.002	-.304	.46892	.000	1



Cd 226.502 {449}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

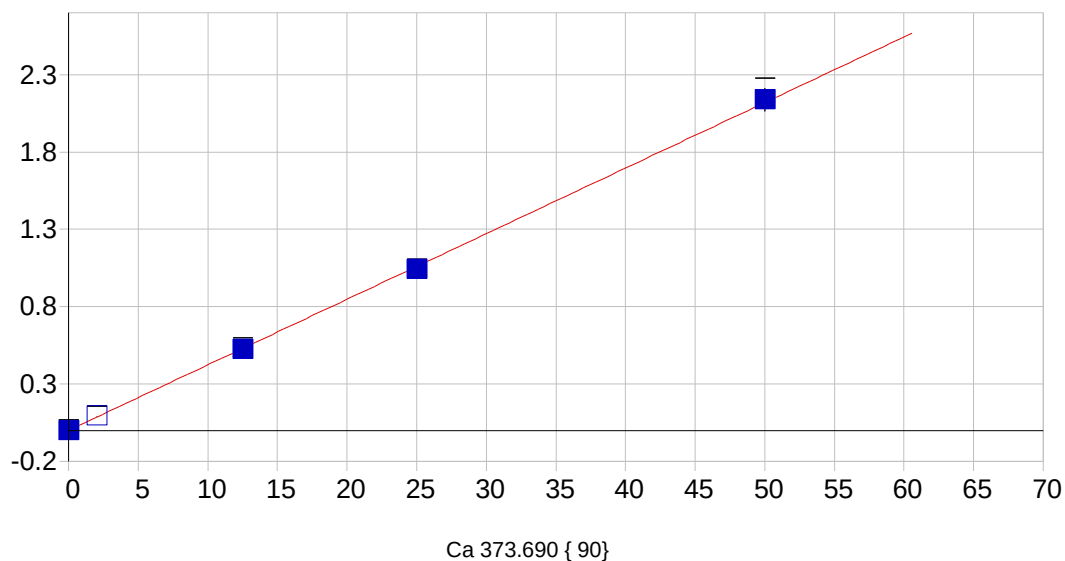
Weighting: 1/Conc

A0 (Offset): -0.000857
 A1 (Gain): 3.375191
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911
 Std Error of Est: 0.000421
 Predicted MDL: 0.000115
 Predicted MQL: 0.000385

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

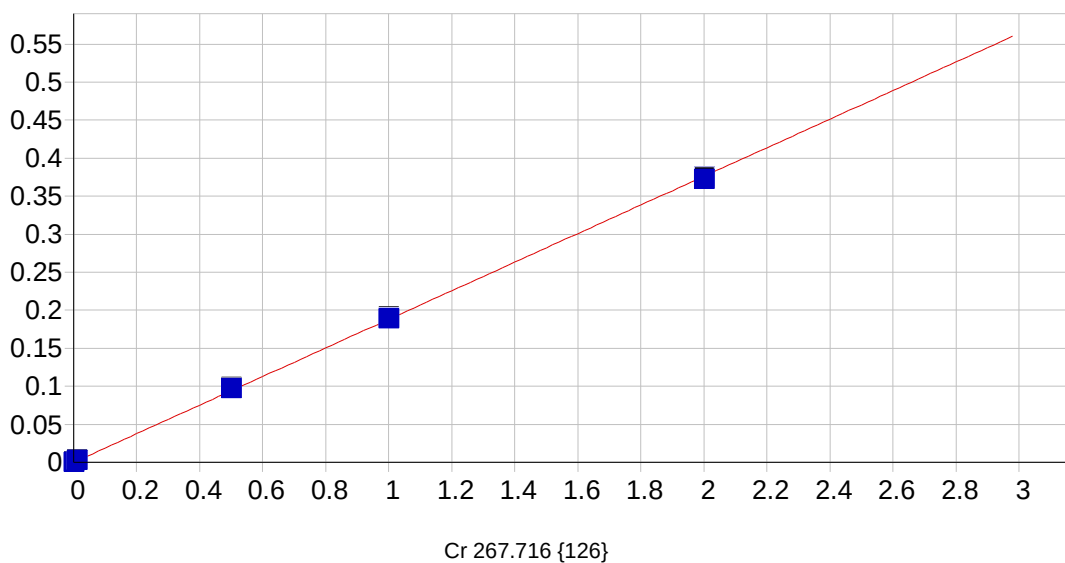
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00086	.000	1
S1	.00600	.00638	.000	6.29	.02071	.000	1
S3	1.2500	1.2108	-.039	-3.14	4.0867	.096	1
S4	2.5000	2.5000	-.000	-.001	8.4390	.066	1
S5	5.0000	5.0389	.039	.778	17.010	.011	1



Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000295 Re-Slope: 1.000000
 A1 (Gain): 0.042382 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.000419
 Predicted MDL: 0.022150
 Predicted MQL: 0.073832

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1784	.178	8.92	.09262	.001	1
S0	.00000	-.00014	-.000	.000	.00029	.001	1
S3	12.500	12.370	-.130	-1.04	.52483	.009	1
S4	25.000	24.536	-.464	-1.85	1.0408	.001	1
S5	50.000	50.415	.415	.831	2.1381	.073	1



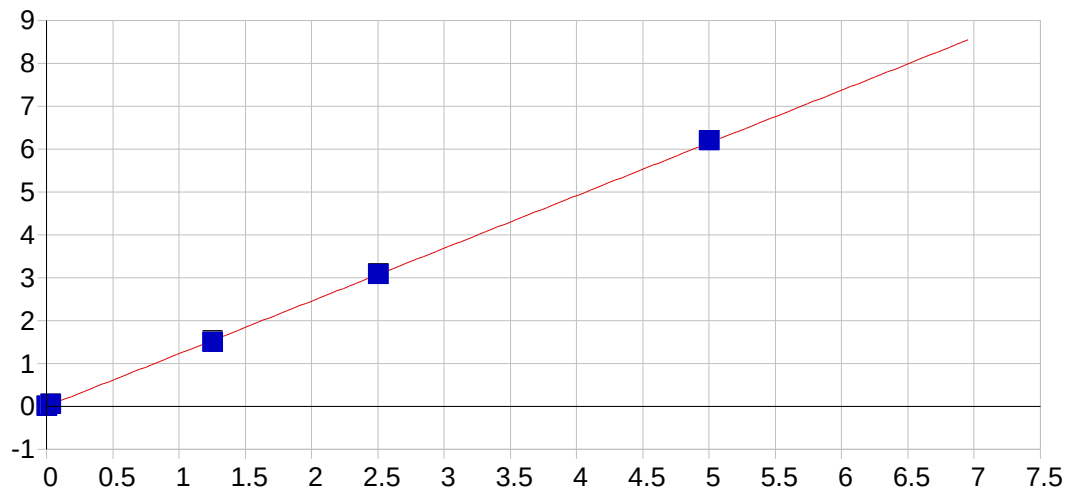
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.188014 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000024
 Predicted MDL: 0.000547
 Predicted MQL: 0.001824

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01187	.002	18.7	.00226	.000	1
S3	.50000	.51417	.014	2.83	.09739	.001	1
S4	1.0000	1.0039	.004	.395	.19018	.001	1
S5	2.0000	1.9800	-.020	-.999	.37510	.001	1



Co 228.616 {447}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

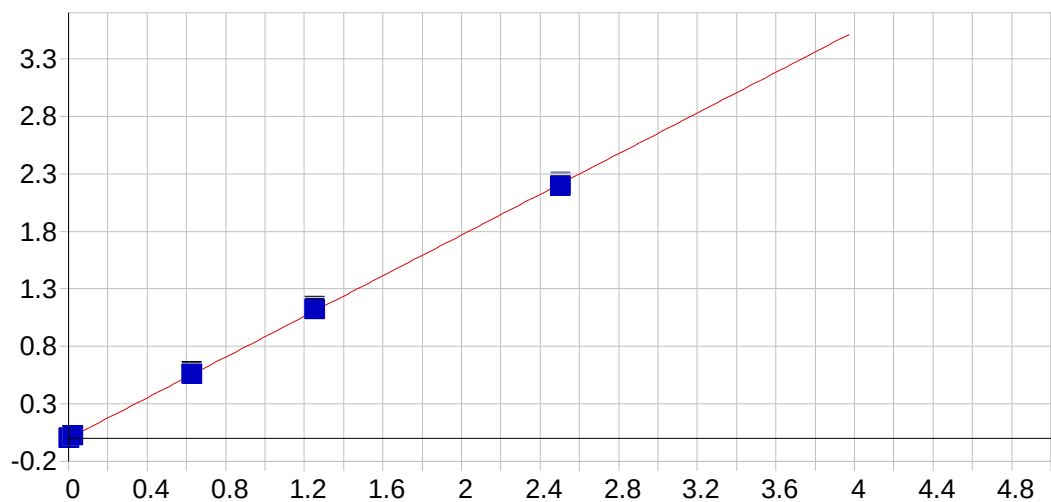
Weighting: 1/Conc

A0 (Offset): 0.000198
 A1 (Gain): 1.229054
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000422
 Predicted MDL: 0.000289
 Predicted MQL: 0.000962

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	.00019	.000	1
S1	.03000	.03457	.005	15.2	.04243	.001	1
S3	1.2500	1.2084	-.042	-3.33	1.4866	.036	1
S4	2.5000	2.4994	-.001	-.025	3.0745	.022	1
S5	5.0000	5.0377	.038	.753	6.1966	.004	1

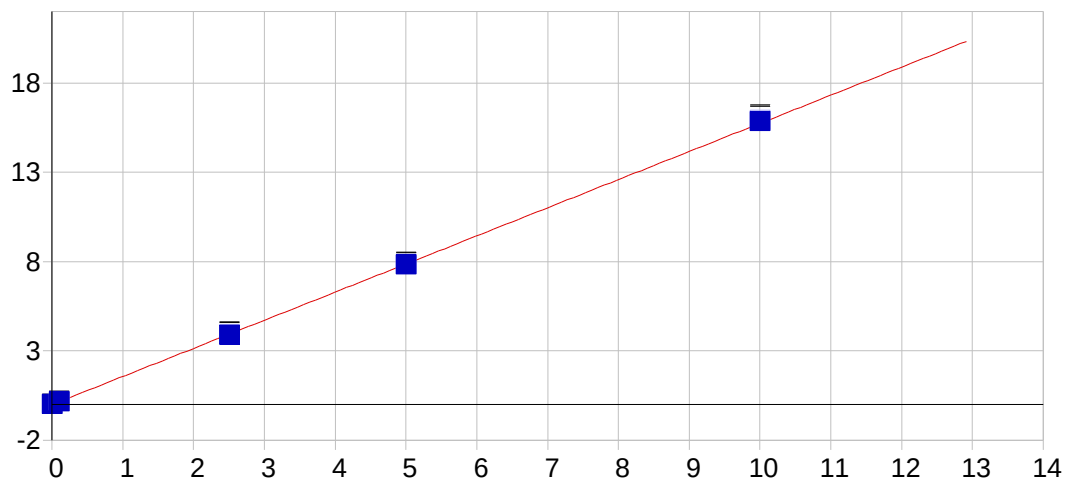


Cu 224.700 {450}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.883991 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.000542
 Predicted MQL: 0.001807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.02000	.02303	.003	15.1	.02030	.000	1
S3	.62500	.62904	.004	.646	.56445	.012	1
S4	1.2500	1.2650	.015	1.20	1.1354	.011	1
S5	2.5000	2.4779	-.022	-.884	2.2250	.002	1



Fe 240.488 {140}

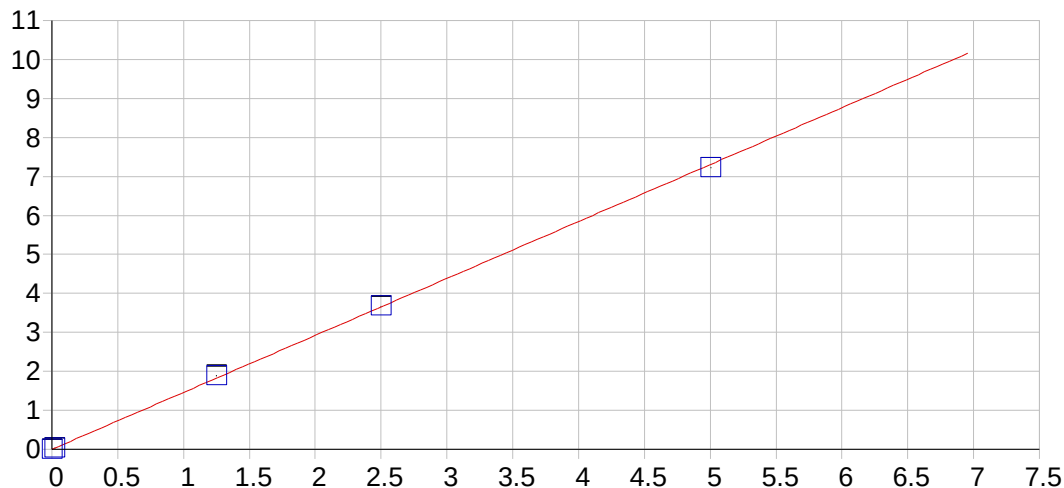
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006448 Re-Slope: 1.000000
 A1 (Gain): 1.574675 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000889
 Predicted MDL: 0.008174
 Predicted MQL: 0.027248

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00646	.012	1
S1	.10000	.10979	.010	9.79	.16720	.011	1
S3	2.5000	2.4722	-.028	-1.11	3.9063	.146	1
S4	5.0000	4.9603	-.040	-.793	7.8440	.127	1
S5	10.000	10.058	.058	.577	15.910	.290	1



Mn 257.610 {131}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

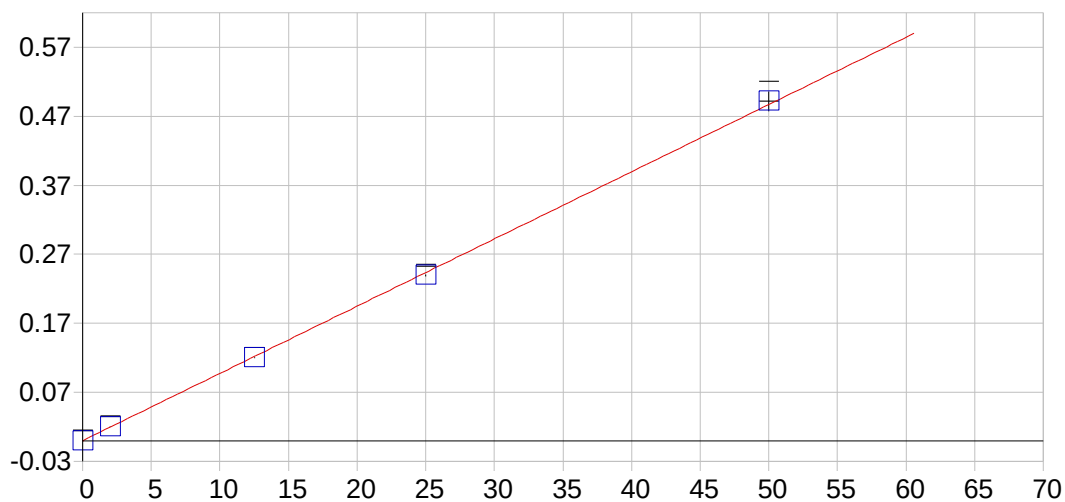
Weighting: 1/Conc

A0 (Offset): 0.000145
 A1 (Gain): 1.460635
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850
 Std Error of Est: 0.000432
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

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	.00014	.000	1
S1	.02000	.02382	.004	19.1	.03493	.001	1
S3	1.2500	1.2886	.039	3.09	1.8823	.016	1
S4	2.5000	2.5137	.014	.548	3.6717	.005	1
S5	5.0000	4.9439	-.056	-1.12	7.2214	.001	1

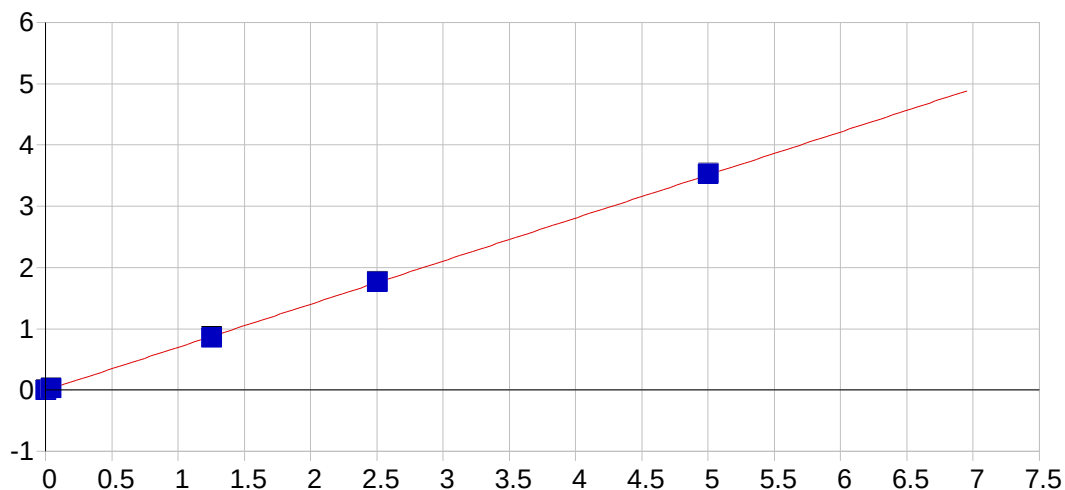


Mg 279.079 {121}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000081 Re-Slope: 1.000000
 A1 (Gain): 0.009739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.047569
 Predicted MQL: 0.158564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0868	.087	4.34	.02040	.000	1
S0	.00000	-.00005	-.000	.000	.00008	.000	1
S3	12.500	12.356	-.144	-1.15	.12041	.000	1
S4	25.000	24.588	-.412	-1.65	.23954	.002	1
S5	50.000	50.469	.469	.938	.49159	.014	1



Ni 231.604 {445}

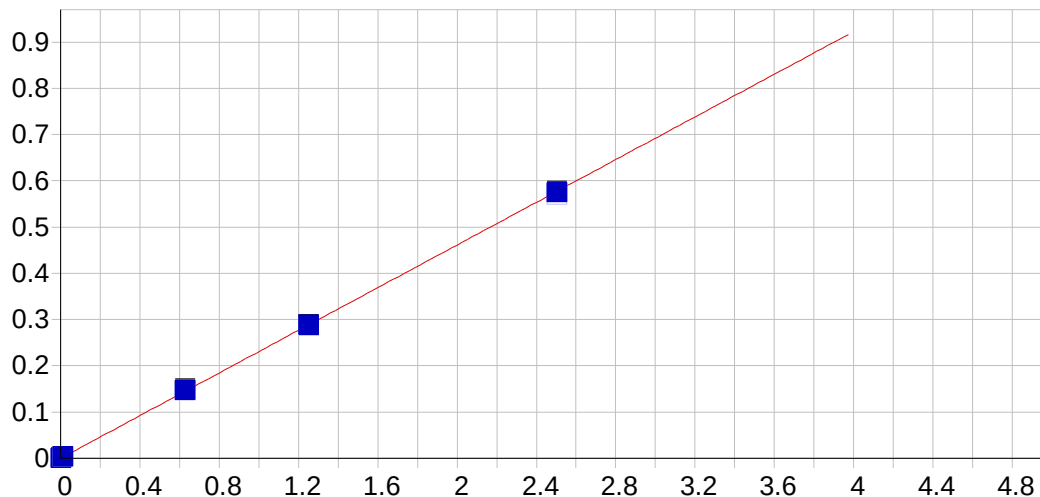
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005372 Re-Slope: 1.000000
 A1 (Gain): 0.703315 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000232
 Predicted MDL: 0.000531
 Predicted MQL: 0.001769

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00538	.000	1
S1	.04000	.04570	.006	14.2	.02678	.000	1
S3	1.2500	1.2199	-.030	-2.41	.85355	.017	1
S4	2.5000	2.5031	.003	.123	1.7570	.011	1
S5	5.0000	5.0213	.021	.427	3.5301	.003	1



Ag 328.068 {103}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

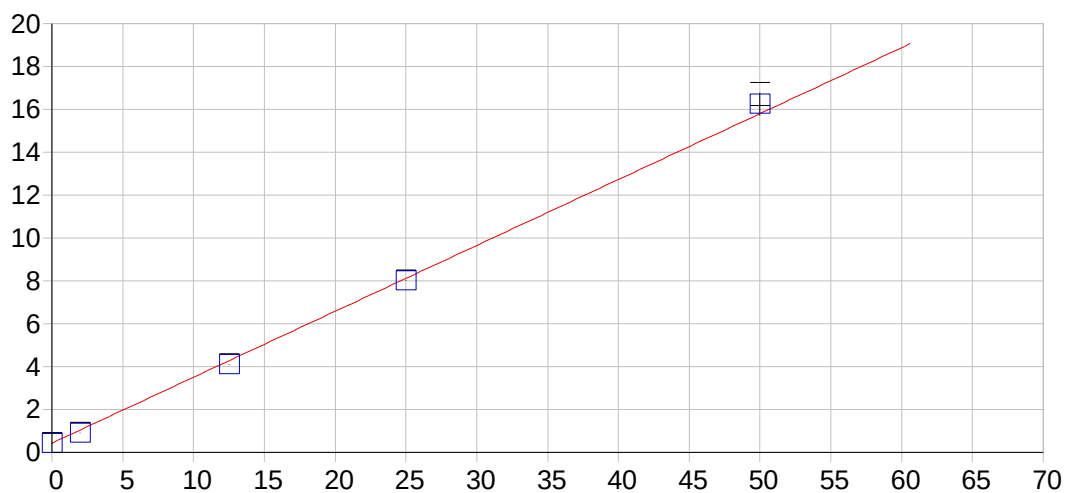
Weighting: 1/Conc

A0 (Offset): 0.000044
 A1 (Gain): 0.230635
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000014
 Predicted MDL: 0.000661
 Predicted MQL: 0.002204

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	.00004	.000	1
S1	.01000	.01051	.001	5.12	.00242	.000	1
S3	.62500	.63495	.010	1.59	.14485	.002	1
S4	1.2500	1.2472	-.003	-.225	.28442	.000	1
S5	2.5000	2.4923	-.008	-.306	.56833	.002	1

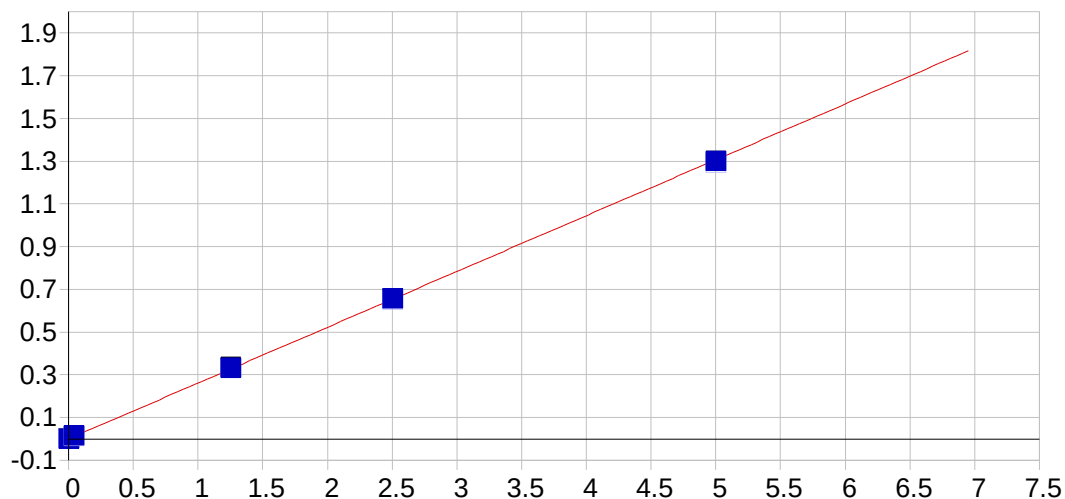


Na 589.592 { 57}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.432489 Re-Slope: 1.000000
 A1 (Gain): 0.307415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999040 Status: OK.
 Std Error of Est: 0.007358
 Predicted MDL: 0.010236
 Predicted MQL: 0.034121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.5512	-.449	-22.4	.90935	.005	1
S0	.00000	.00052	.001	.000	.43265	.022	1
S3	12.500	11.921	-.579	-4.64	4.0971	.009	1
S4	25.000	24.632	-.368	-1.47	8.0047	.019	1
S5	50.000	51.396	1.40	2.79	16.232	.532	1



V 292.402 {115}

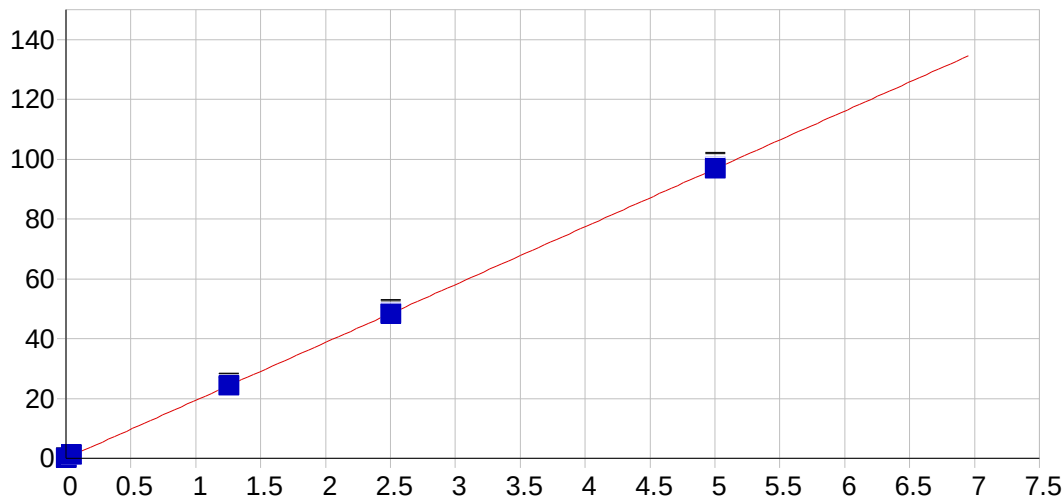
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.261329 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000093
 Predicted MDL: 0.000517
 Predicted MQL: 0.001724

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.04000	.04747	.007	18.7	.01224	.000	1
S3	1.2500	1.2699	.020	1.59	.32973	.004	1
S4	2.5000	2.5035	.003	.138	.64995	.000	1
S5	5.0000	4.9692	-.031	-.616	1.2901	.001	1



Zn 206.200 {163}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

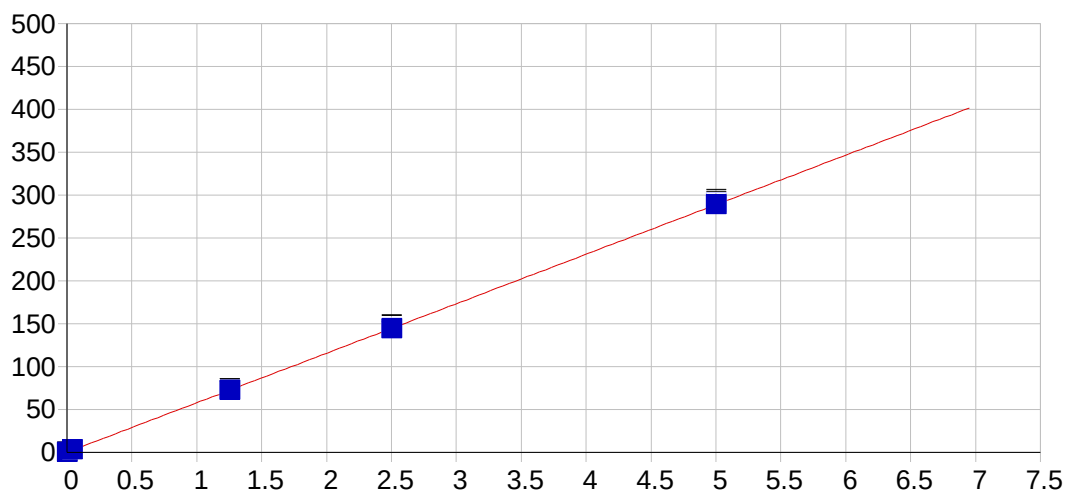
Weighting: 1/Conc

A0 (Offset): 0.034258
 A1 (Gain): 19.348044
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.007744
 Predicted MDL: 0.000780
 Predicted MQL: 0.002601

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	.03407	.012	1
S1	.04000	.04971	.010	24.3	1.0011	.005	1
S3	1.2500	1.2478	-.002	-.174	24.323	.632	1
S4	2.5000	2.4899	-.010	-.404	48.502	1.06	1
S5	5.0000	5.0026	.003	.051	97.409	1.52	1

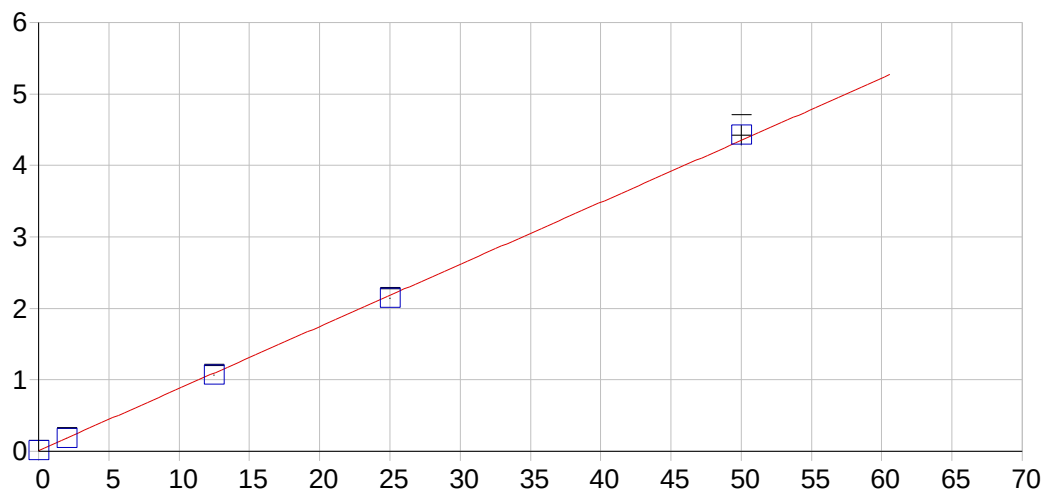


Zn 213.856 {458}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.132044 Re-Slope: 1.000000
 A1 (Gain): 57.744305 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.016474
 Predicted MDL: 0.000115
 Predicted MQL: 0.000382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.13166	.000	1
S1	.04000	.04683	.007	17.1	2.8516	.028	1
S3	1.2500	1.2490	-.001	-.079	72.692	1.45	1
S4	2.5000	2.4891	-.011	-.437	144.74	3.75	1
S5	5.0000	5.0051	.005	.101	290.89	3.61	1



K 766.490 {44}

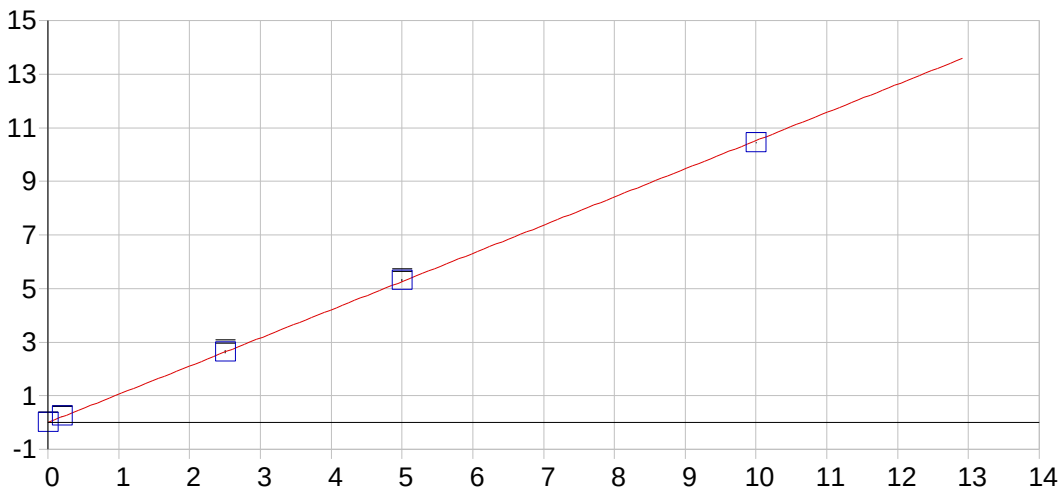
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011582 Re-Slope: 1.000000
 A1 (Gain): 0.086792 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803
 Std Error of Est: 0.000941
 Predicted MDL: 0.039454
 Predicted MQL: 0.131512

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9749	-.025	-1.26	.18299	.001	1
S0	.00000	.00009	.000	.000	.01159	.000	1
S3	12.500	12.157	-.343	-2.74	1.0667	.008	1
S4	25.000	24.494	-.506	-2.02	2.1375	.010	1
S5	50.000	50.874	.874	1.75	4.4271	.144	1



Mo 202.030 {467}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

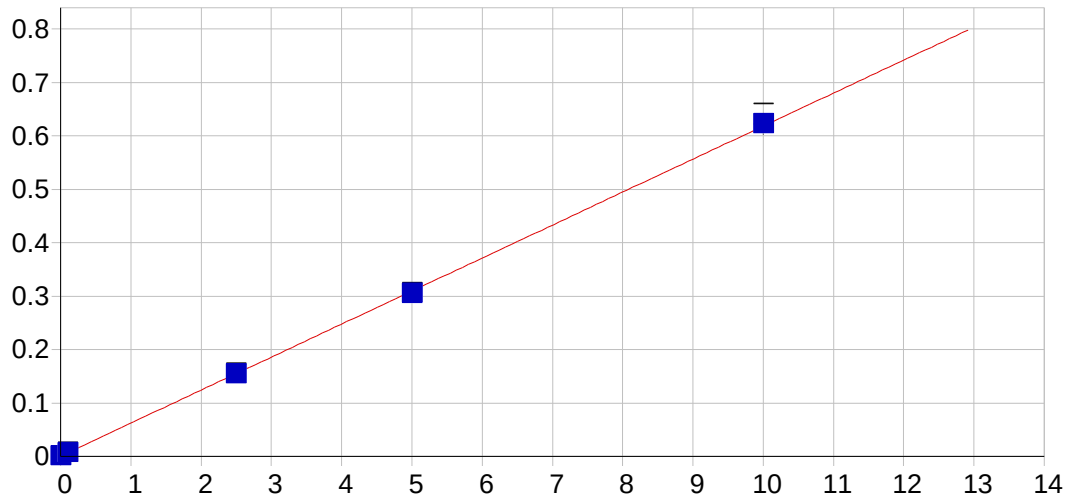
Weighting: 1/Conc

A0 (Offset): 0.000152
 A1 (Gain): 1.051789
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.001027
 Predicted MDL: 0.000319
 Predicted MQL: 0.001063

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	.00013	.000	1
S1	.20000	.21984	.020	9.92	.23138	.003	1
S3	2.5000	2.5068	.007	.271	2.6368	.061	1
S4	5.0000	5.0436	.044	.871	5.3049	.051	1
S5	10.000	9.9298	-.070	-.702	10.444	.003	1

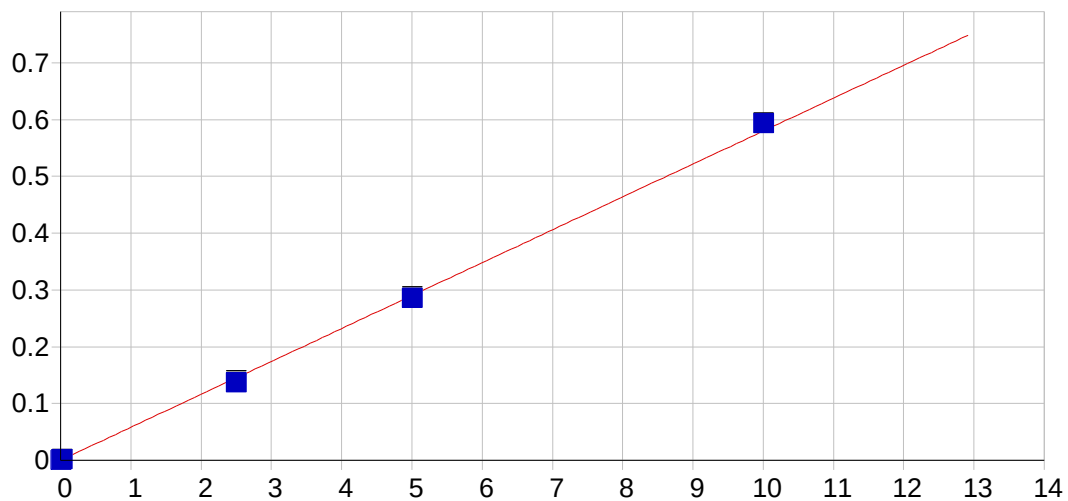


B 249.678 {135}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000623 Re-Slope: 1.000000
 A1 (Gain): 0.061778 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.007220
 Predicted MQL: 0.024067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00062	.000	1
S1	.10000	.10207	.002	2.07	.00690	.000	1
S3	2.5000	2.4884	-.012	-.463	.15399	.001	1
S4	5.0000	4.9304	-.070	-1.39	.30449	.001	1
S5	10.000	10.079	.079	.791	.62184	.019	1



S 182.034 {485}

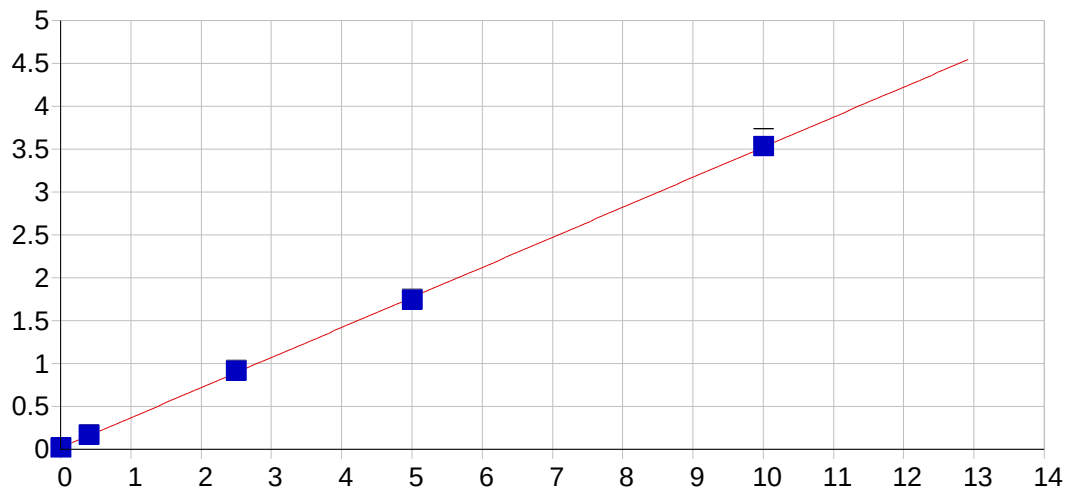
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.057948 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999544
 Std Error of Est: 0.000042
 Predicted MDL: 0.003580
 Predicted MQL: 0.011932

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01741	-.003	-13.0	.00124	.000	1
S3	2.5000	2.3487	-.151	-6.05	.13620	.004	1
S4	5.0000	4.9238	-.076	-1.52	.28526	.002	1
S5	10.000	10.230	.230	2.30	.59242	.000	1



Si 288.158 {117}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

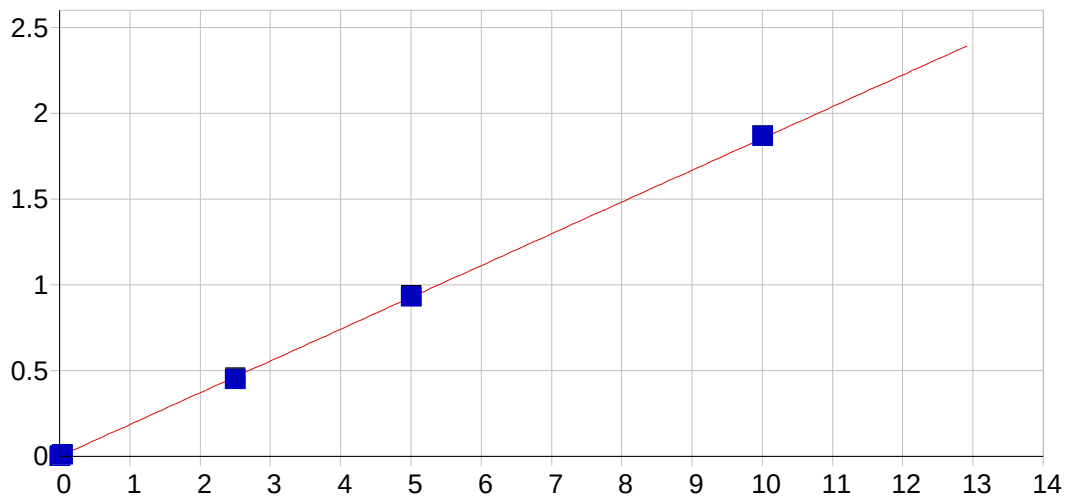
Weighting: 1/Conc

A0 (Offset): 0.017651
 A1 (Gain): 0.350501
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000567
 Predicted MDL: 0.002955
 Predicted MQL: 0.009851

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	.01764	.000	1
S1	.40000	.42160	.022	5.40	.16531	.001	1
S3	2.5000	2.5554	.055	2.21	.91284	.001	1
S4	5.0000	4.9126	-.087	-1.75	1.7386	.010	1
S5	10.000	10.010	.010	.104	3.5245	.093	1

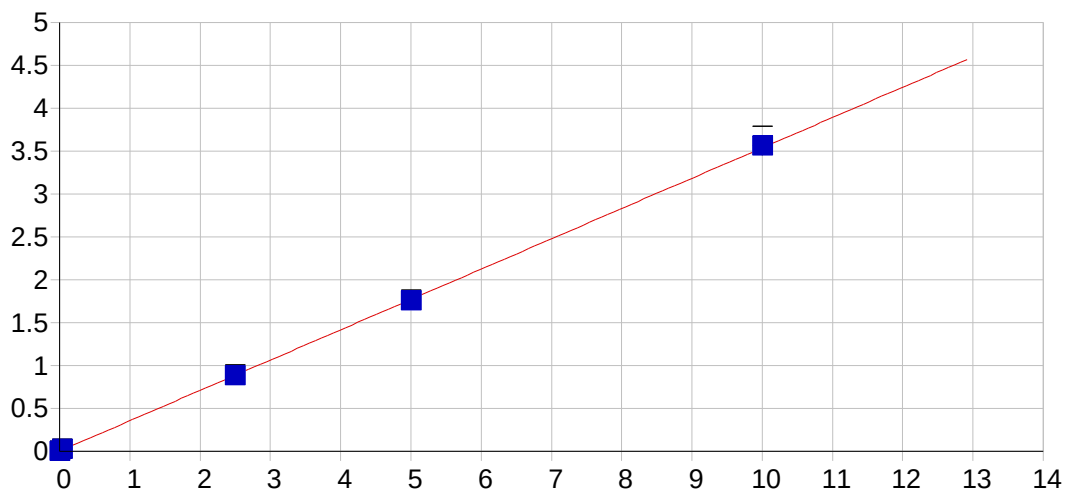


Sn 189.989 {477}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000494 Re-Slope: 1.000000
 A1 (Gain): 0.185238 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000992
 Predicted MQL: 0.003308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.04000	.04471	.005	11.8	.00877	.000	1
S3	2.5000	2.4125	-.088	-3.50	.44746	.009	1
S4	5.0000	5.0152	.015	.305	.92967	.007	1
S5	10.000	10.068	.068	.676	1.8657	.004	1



Ti 336.121 {100}

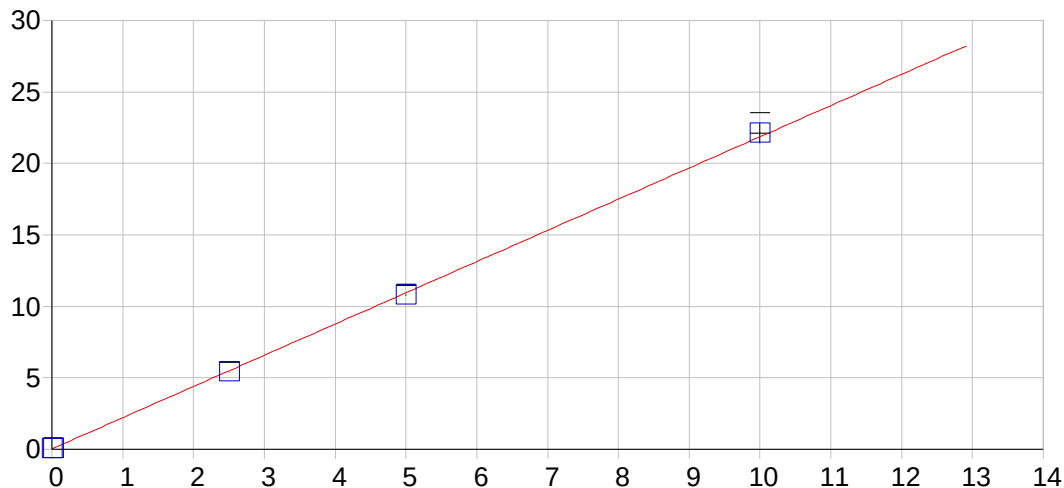
Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003155 Re-Slope: 1.000000
 A1 (Gain): 0.353504 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000122
 Predicted MDL: 0.002054
 Predicted MQL: 0.006846

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00315	.000	1
S1	.04000	.04596	.006	14.9	.01939	.000	1
S3	2.5000	2.4851	-.015	-.597	.88152	.005	1
S4	5.0000	4.9512	-.049	-.976	1.7532	.010	1
S5	10.000	10.058	.058	.578	3.5582	.113	1



Li 670.784 { 50}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

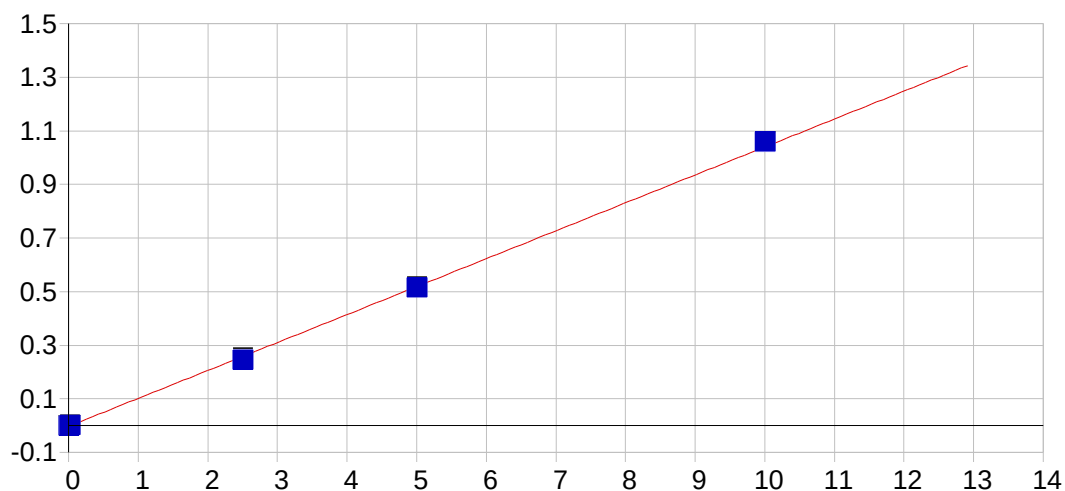
Weighting: 1/Conc

A0 (Offset): 0.030471
 A1 (Gain): 2.183759
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000770
 Predicted MDL: 0.001501
 Predicted MQL: 0.005003

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	.03048	.001	1
S1	.02000	.01655	-.003	-17.2	.06662	.001	1
S3	2.5000	2.4582	-.042	-1.67	5.3986	.006	1
S4	5.0000	4.9274	-.073	-1.45	10.791	.046	1
S5	10.000	10.118	.118	1.18	22.125	.732	1

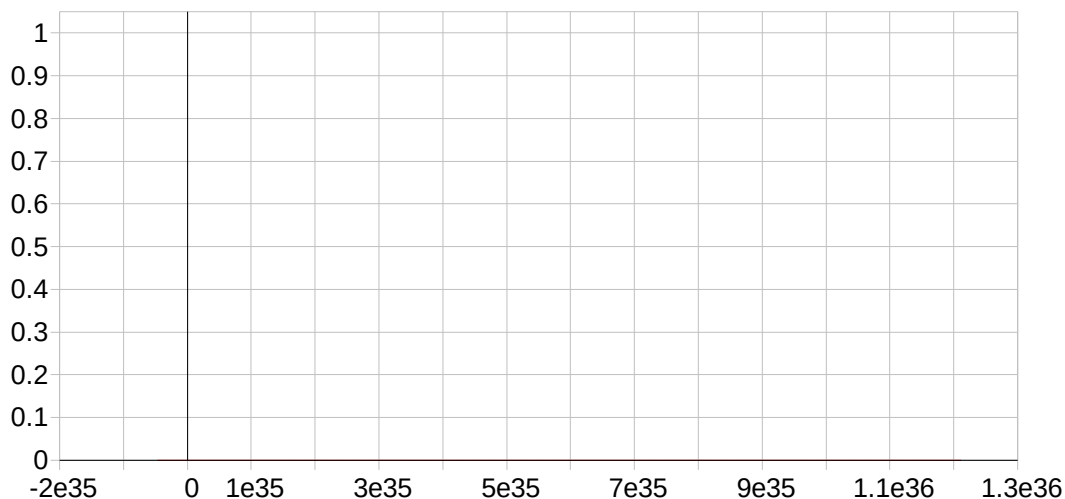


P 177.495 {490}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002868 Re-Slope: 1.000000
 A1 (Gain): 0.104248 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001999
 Predicted MQL: 0.006664

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00287	.000	1
S1	.02000	.02007	.000	.327	-.00078	.000	1
S3	2.5000	2.3635	-.137	-5.46	.24314	.007	1
S4	5.0000	4.9579	-.042	-.842	.51323	.002	1
S5	10.000	10.179	.179	1.79	1.0567	.001	1



Y 224.306 {450}*

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

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

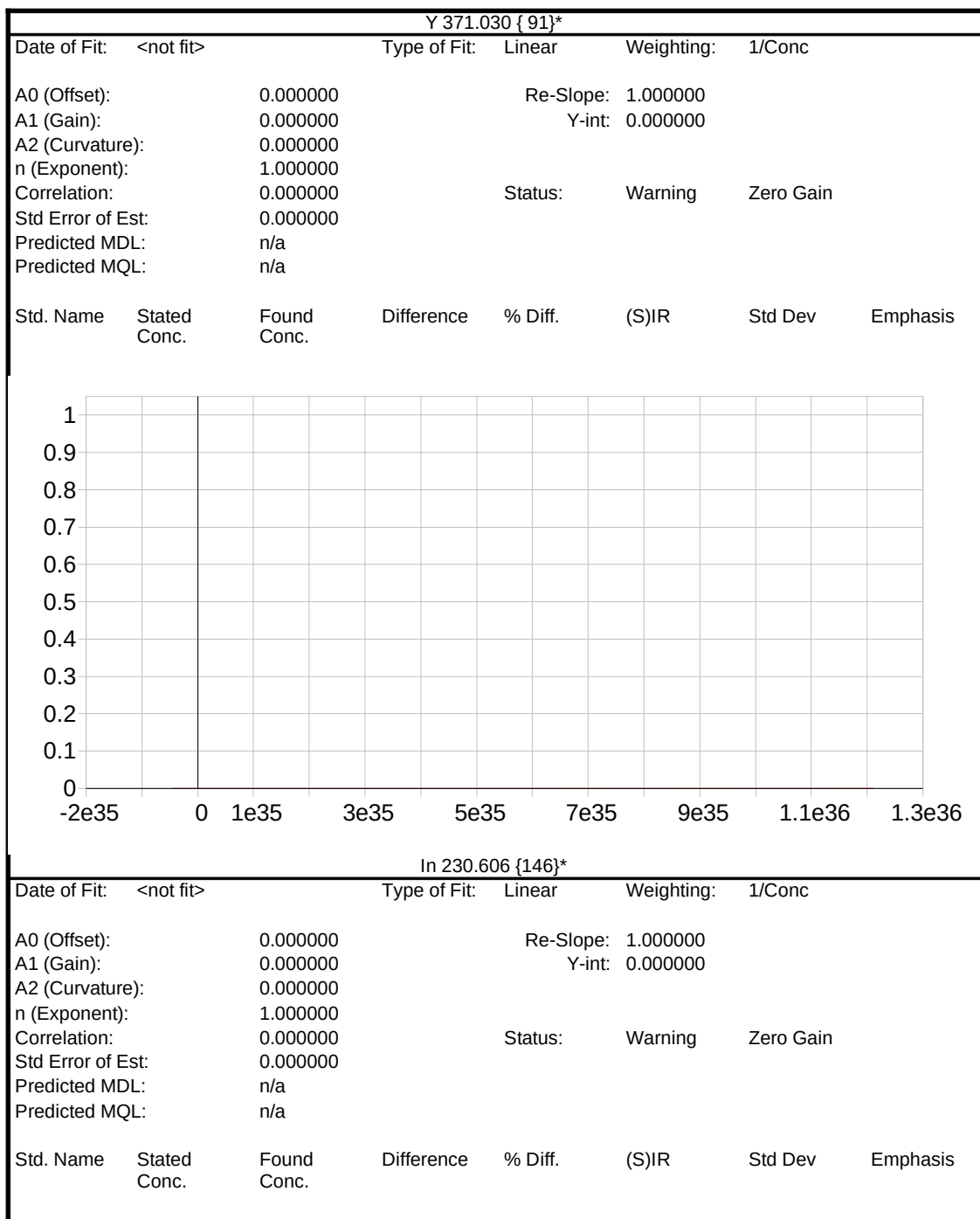
Status: Warning Zero Gain

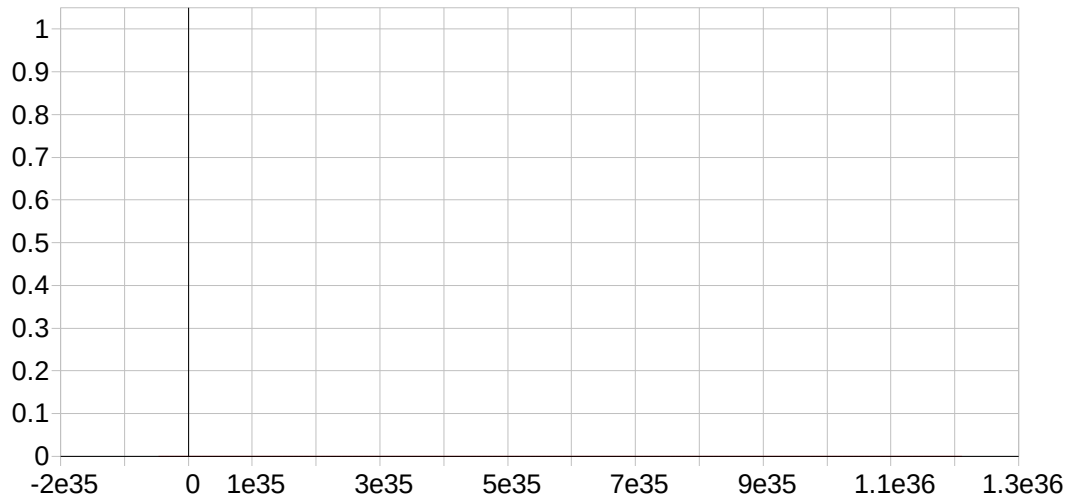
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

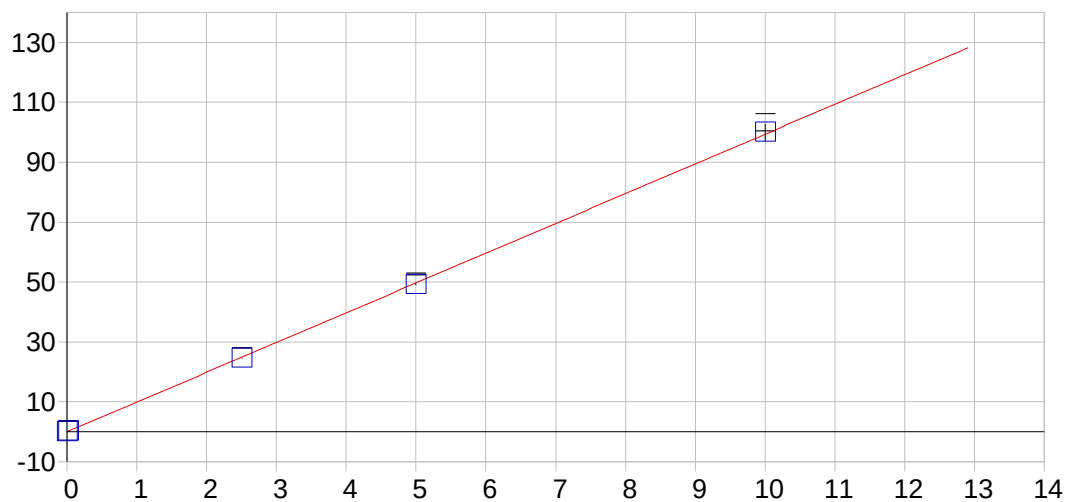
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004787

Re-Slope: 1.000000

A1 (Gain): 9.939698

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999967

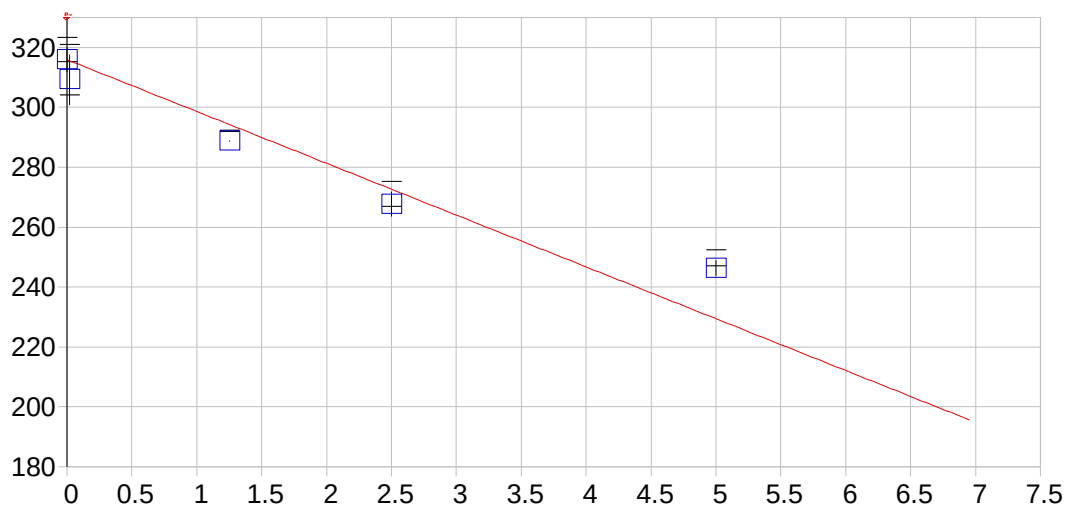
Status: OK.

Std Error of Est: 0.001960

Predicted MDL: 0.000126

Predicted MQL: 0.000420

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00480	.000	1
S1	.02000	.02196	.002	9.80	.21349	.001	1
S3	2.5000	2.4778	-.022	-.888	24.624	.007	1
S4	5.0000	4.9567	-.043	-.866	49.264	.264	1
S5	10.000	10.064	.064	.635	100.02	2.87	1



Date of Fit: 10/29/2018 12:48:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 315.933255

Re-Slope: 1.000000

A1 (Gain): -17.299704

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.743706

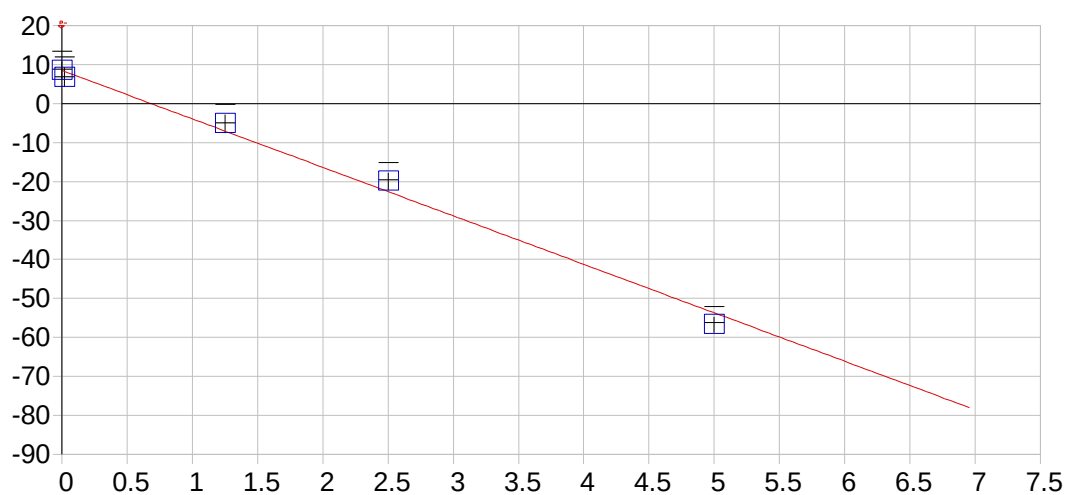
Status: Warning Negative Gain

Std Error of Est: 0.265736

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	315.94	4.00	1
S1	.02000	.38807	.368	1840.	309.22	8.44	1
S3	1.2500	1.5692	.319	25.5	288.79	.188	1
S4	2.5000	2.7882	.288	11.5	267.70	4.17	1
S5	5.0000	4.0245	-.975	-19.5	246.31	2.70	1



U 385.958 { 87}

Date of Fit: 10/29/2018 12:48:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 8.489382 Re-Slope: 1.000000

A1 (Gain): -12.433306 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.959301

Status: Warning Negative Gain

Std Error of Est: 0.062543

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	8.4908	2.33	1
S1	.02000	.13919	.119	596.	6.7588	2.57	1
S3	1.2500	1.0974	-.153	-12.2	-5.1547	2.36	1
S4	2.5000	2.2870	-.213	-8.52	-19.945	2.23	1
S5	5.0000	5.2465	.246	4.93	-56.741	1.99	1

Sample Name: S0 Acquired: 10/29/2018 12:25:02 Type: Cal
Method: P4-ICP2(v2527) 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	.00008	-.00059	.00224	-.00020	.00065	-.00002	.03910	.00001
Stddev	.00010	.00011	.00007	.00012	.00006	.00001	.00055	.00002
%RSD	125.12	18.676	3.0946	56.181	9.7159	53.134	1.3960	317.61

#1	.00016	-.00067	.00219	-.00029	.00061	-.00001	.03872	.00002
#2	.00001	-.00051	.00229	-.00012	.00070	-.00002	.03949	-.00001

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	-.00086	.00029	.00002	.00019	-.00032	-.00646	.00014	.00008
Stddev	.00029	.00052	.00001	.00020	.00020	.01174	.00002	.00047
%RSD	34.199	179.83	46.908	101.39	61.900	181.70	11.225	584.28

#1	-.00065	-.00008	.00002	.00005	-.00046	-.01476	.00015	.00041
#2	-.00107	.00066	.00001	.00033	-.00018	.00184	.00013	-.00025

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	-.00538	.00004	.43265	-.00001	.13166	.01159	.00013	.00062
Stddev	.00005	.00000	.02232	.00003	.00024	.00023	.00022	.00004
%RSD	1.0130	6.6973	5.1595	397.84	.18507	2.0099	164.97	6.3241

#1	-.00541	.00004	.41686	-.00003	.13149	.01142	.00028	.00065
#2	-.00534	.00005	.44843	.00001	.13183	.01175	-.00002	.00059

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	.00026	.02581	.00049	.00315	.03048	-.0029	-.00480	315.94
Stddev	.00017	.00001	.00022	.00007	.00070	.0002	.00016	4.00
%RSD	65.461	.04904	44.389	2.2587	2.2968	7.106	3.3375	1.2658

#1	.00038	.02582	.00034	.00310	.02998	-.0027	-.00492	313.11
#2	.00014	.02580	.00065	.00320	.03097	-.0030	-.00469	318.77

Sample Name: S0 Acquired: 10/29/2018 12:25:02 Type: Cal
Method: P4-ICP2(v2527) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	8.4908
Stddev	2.3321
%RSD	27.466

#1	10.140
#2	6.8418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.2	35322.	3774.9	95.238	2696.7
Stddev	1.7	47.	11.6	.218	6.4
%RSD	.07732	.13188	.30678	.22893	.23558

#1	2206.4	35289.	3766.7	95.392	2692.2
#2	2204.0	35355.	3783.1	95.083	2701.2

Sample Name: S1 Acquired: 10/29/2018 12:29:06 Type: Cal
Method: P4-ICP2(v2527) 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	.00140	.00752	.00604	.00201	.01180	.00123	.61194	.00614
Stddev	.00021	.00024	.00025	.00027	.00039	.00007	.00013	.00003
%RSD	14.893	3.2140	4.1336	13.389	3.3041	5.8871	.02126	.41779

#1	.00155	.00735	.00587	.00182	.01152	.00128	.61185	.00616
#2	.00126	.00769	.00622	.00220	.01207	.00118	.61203	.00613

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	.02071	.00226	.04243	.02030	.16720	.03493	.02678	.00242
Stddev	.00015	.00001	.00082	.00022	.01131	.00055	.00021	.00015
%RSD	.72042	.56302	1.9339	1.1079	6.7662	1.5624	.77052	6.3232

#1	.02060	.00225	.04185	.02014	.17520	.03532	.02664	.00231
#2	.02081	.00227	.04301	.02046	.15920	.03454	.02693	.00253

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	.01224	2.8516	.23138	.00690	.00124	.28289	.00877	.01939
Stddev	.00020	.0277	.00347	.00023	.00013	.00112	.00004	.00011
%RSD	1.6212	.97006	1.5016	3.3178	10.602	.39630	.42772	.55779

#1	.01238	2.8320	.22892	.00674	.00114	.28369	.00875	.01947
#2	.01210	2.8711	.23383	.00706	.00133	.28210	.00880	.01932

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06662	-.0008	.21349	309.22	6.7588
Stddev	.00124	.0000	.00074	8.44	2.5650
%RSD	1.8647	.0812	.34566	2.7281	37.951

#1	.06574	-.0008	.21401	315.18	4.9451
#2	.06750	-.0008	.21297	303.25	8.5726

Sample Name: S1 Acquired: 10/29/2018 12:29:06 Type: Cal
Method: P4-ICP2(v2527) 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	2166.8	34640.	3808.2	95.325	2646.9
Stddev	12.5	79.	29.2	.141	14.3
%RSD	.57515	.22940	.76669	.14836	.53903
#1	2175.7	34584.	3787.6	95.225	2657.0
#2	2158.0	34697.	3828.9	95.425	2636.8

Sample Name: S2 Acquired: 10/29/2018 12:33:10 Type: Cal
Method: P4-ICP2(v2527) 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	.09262	.02040	.90935	.18299
Stddev	.00107	.00042	.00484	.00070
%RSD	1.1570	2.0425	.53247	.38319

#1	.09186	.02011	.90593	.18249
#2	.09338	.02070	.91278	.18348

Int. Std.	Y_3710
Units	Cts/S
Avg	3665.0
Stddev	15.4
%RSD	.42062

#1	3675.9
#2	3654.1

Sample Name: S3 Acquired: 10/29/2018 12:37:09 Type: Cal
Method: P4-ICP2(v2527) 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	.17567	.43910	.70389	.23429	.49061	.05002	25.091	.11919
Stddev	.00398	.01122	.01547	.00569	.01229	.00001	.010	.00139
%RSD	2.2629	2.5548	2.1984	2.4265	2.5049	.01530	.03792	1.1664

#1	.17849	.44704	.71484	.23831	.49930	.05003	25.084	.12017
#2	.17286	.43117	.69295	.23027	.48192	.05001	25.097	.11821

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	4.0867	.52483	.09739	1.4866	.56445	3.9063	1.8823	.12041
Stddev	.0961	.00881	.00093	.0364	.01242	.1455	.0165	.00014
%RSD	2.3516	1.6795	.95961	2.4473	2.1999	3.7257	.87605	.11522

#1	4.1546	.51860	.09805	1.5124	.57323	3.8034	1.8939	.12031
#2	4.0187	.53106	.09673	1.4609	.55567	4.0092	1.8706	.12051

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	.85355	.14485	4.0971	.32973	72.692	1.0667	2.6368	.15399
Stddev	.01700	.00246	.0086	.00353	1.453	.0078	.0609	.00110
%RSD	1.9915	1.6997	.21056	1.0716	1.9986	.72727	2.3100	.71211

#1	.86557	.14659	4.0910	.33223	71.665	1.0612	2.6798	.15321
#2	.84153	.14311	4.1032	.32723	73.719	1.0722	2.5937	.15476

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	.13620	1.5888	.44746	.88152	5.3986	.2431	24.624	288.79
Stddev	.00366	.0023	.00857	.00499	.0062	.0070	.007	.19
%RSD	2.6836	.14529	1.9153	.56650	.11493	2.870	.02684	.06518

#1	.13879	1.5872	.45352	.87799	5.3942	.2481	24.619	288.65
#2	.13362	1.5904	.44140	.88505	5.4030	.2382	24.628	288.92

Sample Name: S3 Acquired: 10/29/2018 12:37:09 Type: Cal
Method: P4-ICP2(v2527) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-5.1547
Stddev	2.3589
%RSD	45.761

#1	-3.4868
#2	-6.8227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.2	33883.	3818.7	94.994	2579.0
Stddev	50.5	340.	2.8	1.827	63.7
%RSD	2.3289	1.0049	.07252	1.9230	2.4715

#1	2132.5	33642.	3816.7	96.286	2533.9
#2	2203.9	34123.	3820.6	93.702	2624.1

Sample Name: S4 Acquired: 10/29/2018 12:40:57 Type: Cal
Method: P4-ICP2(v2527) 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	.35771	.89918	1.4504	.47539	1.0015	.10056	50.300	.23450
Stddev	.00270	.00732	.0114	.00459	.0073	.00000	.248	.00015
%RSD	.75421	.81385	.78490	.96449	.73078	.00018	.49222	.06557

#1	.35962	.90435	1.4584	.47863	1.0067	.10056	50.475	.23461
#2	.35580	.89400	1.4423	.47215	.99631	.10056	50.125	.23440

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	8.4390	1.0408	.19018	3.0745	1.1354	7.8440	3.6717	.23954
Stddev	.0658	.0005	.00068	.0222	.0107	.1265	.0053	.00157
%RSD	.77982	.04865	.35828	.72176	.94043	1.6128	.14519	.65487

#1	8.4855	1.0411	.19066	3.0902	1.1429	7.7546	3.6680	.23843
#2	8.3924	1.0404	.18970	3.0588	1.1278	7.9335	3.6755	.24065

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	1.7570	.28442	8.0047	.64995	144.74	2.1375	5.3049	.30449
Stddev	.0111	.00017	.0190	.00026	3.75	.0095	.0505	.00108
%RSD	.63025	.05983	.23706	.04023	2.5934	.44531	.95269	.35615

#1	1.7648	.28454	8.0182	.64977	142.08	2.1442	5.3407	.30526
#2	1.7492	.28430	7.9913	.65014	147.39	2.1307	5.2692	.30372

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	.28526	3.0212	.92967	1.7532	10.791	.5132	49.264	267.70
Stddev	.00205	.0186	.00740	.0100	.046	.0020	.264	4.17
%RSD	.71800	.61403	.79565	.56877	.42224	.3844	.53585	1.5570

#1	.28671	3.0081	.93490	1.7603	10.823	.5146	49.450	264.75
#2	.28381	3.0343	.92444	1.7462	10.759	.5118	49.077	270.65

Sample Name: S4 Acquired: 10/29/2018 12:40:57 Type: Cal
Method: P4-ICP2(v2527) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-19.945
Stddev	2.227
%RSD	11.165

#1	-18.371
#2	-21.520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.5	33718.	3816.9	93.445	2433.5
Stddev	20.4	11.	2.5	2.171	23.9
%RSD	.96908	.03192	.06678	2.3228	.98040

#1	2087.1	33710.	3818.7	94.979	2416.7
#2	2115.9	33726.	3815.1	91.910	2450.4

Sample Name: S5 Acquired: 10/29/2018 12:44:45 Type: Cal
Method: P4-ICP2(v2527) 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	.71675	1.7901	2.9200	.94570	2.0034	.20384	102.63	.46892
Stddev	.00073	.0041	.0032	.00061	.0047	.00154	2.32	.00005
%RSD	.10207	.22958	.10796	.06407	.23301	.75362	2.2596	.01139

#1	.71623	1.7930	2.9178	.94613	2.0067	.20276	100.99	.46888
#2	.71727	1.7872	2.9222	.94528	2.0001	.20493	104.26	.46896

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	17.010	2.1381	.37510	6.1966	2.2250	15.910	7.2214	.49159
Stddev	.011	.0732	.00066	.0036	.0022	.290	.0015	.01419
%RSD	.06633	3.4216	.17666	.05736	.09959	1.8245	.02077	2.8858

#1	17.002	2.0864	.37557	6.1941	2.2234	15.705	7.2225	.48156
#2	17.018	2.1899	.37463	6.1991	2.2265	16.116	7.2203	.50162

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	3.5301	.56833	16.232	1.2901	290.89	4.4271	10.444	.62184
Stddev	.0034	.00153	.532	.0014	3.61	.1442	.003	.01906
%RSD	.09763	.26883	3.2789	.10748	1.2394	3.2563	.03265	3.0644

#1	3.5276	.56941	15.856	1.2910	288.34	4.3252	10.447	.60836
#2	3.5325	.56725	16.609	1.2891	293.44	4.5290	10.442	.63531

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	.59242	6.1448	1.8657	3.5582	22.125	1.057	100.02	246.31
Stddev	.00036	.1500	.0044	.1131	.732	.001	2.87	2.70
%RSD	.06141	2.4416	.23406	3.1787	3.3103	.0601	2.8666	1.0946

#1	.59268	6.0387	1.8626	3.4782	21.608	1.056	97.996	244.40
#2	.59217	6.2509	1.8688	3.6381	22.643	1.057	102.05	248.22

Sample Name: S5 Acquired: 10/29/2018 12:44:45 Type: Cal
Method: P4-ICP2(v2527) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-56.741
Stddev	1.990
%RSD	3.5078

#1	-58.149
#2	-55.334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.8	32999.	3678.0	89.590	2316.6
Stddev	2.3	42.	85.6	.954	1.3
%RSD	.11317	.12764	2.3286	1.0653	.05484

#1	2057.1	32969.	3738.6	90.265	2315.7
#2	2060.4	33029.	3617.5	88.916	2317.5

Sample Name: ICV01 Acquired: 10/29/2018 12:58:10 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0217	1.0369	1.0083	1.0271	1.0095	2.5691	.51677	.49559
Stddev	.0108	.0052	.0080	.0118	.0069	.0276	.00054	.00076
%RSD	1.0589	.49773	.79665	1.1460	.68869	1.0723	.10493	.15276
#1	1.0293	1.0405	1.0140	1.0354	1.0144	2.5496	.51638	.49506
#2	1.0140	1.0332	1.0027	1.0187	1.0045	2.5886	.51715	.49613
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49618	10.059	.51435	.49994	.50902	5.1234	.50995	5.9483
Stddev	.00411	.014	.00160	.00499	.00540	.0869	.00070	.0822
%RSD	.82897	.13712	.31061	.99827	1.0600	1.6968	.13708	1.3818
#1	.49909	10.069	.51548	.50346	.51283	5.1848	.50946	5.8901
#2	.49327	10.049	.51322	.49641	.50520	5.0619	.51045	6.0064
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50053	.51083	10.074	.50760	1.0263	9.8333	2.5648	2.5297
Stddev	.00405	.00134	.049	.00101	.0254	.0299	.0266	.0011
%RSD	.81006	.26212	.49021	.19825	2.4726	.30410	1.0373	.04187
#1	.50339	.50989	10.039	.50689	1.0443	9.8544	2.5836	2.5290
#2	.49766	.51178	10.109	.50831	1.0084	9.8121	2.5460	2.5305
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4718	2.3788	2.4892	2.5648	2.4972	2.397	2.5652	F 1.6884
Stddev	.0357	.0172	.0169	.0064	.0058	.022	.0058	.5819
%RSD	1.4463	.72411	.67860	.25093	.23070	.9221	.22633	34.462
#1	2.4971	2.3909	2.5011	2.5602	2.5013	2.413	2.5611	1.2770
#2	2.4466	2.3666	2.4772	2.5693	2.4931	2.382	2.5693	2.0998

Sample Name: ICV01 Acquired: 10/29/2018 12:58:10 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7244
Stddev	.3793
%RSD	21.997

#1	1.4562
#2	1.9926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.2	33726.	3830.9	93.631	2547.3
Stddev	26.2	86.	13.0	2.512	28.2
%RSD	1.2348	.25489	.34057	2.6827	1.1087

#1	2101.7	33786.	3821.7	91.855	2527.3
#2	2138.8	33665.	3840.1	95.407	2567.3

Sample Name: LLICV01 Acquired: 10/29/2018 13:02:22 Type: Unk
Method: P4-ICP2(v2527) 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	.01951	.04678	.01391	.02087	.05771	.11055	.11218	.00656
Stddev	.00087	.00202	.00139	.00208	.00086	.00611	.00283	.00017
%RSD	4.4633	4.3087	9.9923	9.9877	1.4895	5.5266	2.5264	2.5911
#1	.01890	.04820	.01490	.01940	.05710	.10623	.11018	.00668
#2	.02013	.04535	.01293	.02234	.05831	.11488	.11418	.00644
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00614	2.1869	.01104	.03428	.02180	.11071	.02357	2.2380
Stddev	.00008	.0608	.00048	.00015	.00086	.00694	.00008	.0934
%RSD	1.2834	2.7812	4.3265	.44380	3.9485	6.2695	.32286	4.1714
#1	.00608	2.1439	.01138	.03417	.02119	.10580	.02352	2.1720
#2	.00620	2.2299	.01070	.03439	.02240	.11562	.02362	2.3040
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04398	.01068	1.7053	.04535	.04636	1.8924	.21555	.10964
Stddev	.00009	.00034	.0427	.00069	.00099	.0702	.00147	.00705
%RSD	.21588	3.1934	2.5008	1.5170	2.1424	3.7100	.68343	6.4305
#1	.04392	.01092	1.6752	.04486	.04566	1.8427	.21451	.10465
#2	.04405	.01044	1.7355	.04584	.04706	1.9420	.21659	.11462
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01902	.42246	.04366	.04528	.01642	.0198	.02165	F .72284
Stddev	.00007	.01725	.00027	.00361	.00015	.0010	.00044	.34967
%RSD	.37981	4.0842	.62374	7.9731	.90036	5.097	2.0537	48.375
#1	.01907	.41026	.04347	.04273	.01632	.0191	.02133	.97010
#2	.01897	.43466	.04385	.04784	.01653	.0205	.02196	.47559

Sample Name: LLICV01 Acquired: 10/29/2018 13:02:22 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .30522
Stddev .41466
%RSD 135.85

#1 .59843
#2 .01202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.3	34529.	3777.0	94.417	2658.4
Stddev	19.8	18.	105.5	2.157	21.1
%RSD	.92102	.05107	2.7939	2.2842	.79472

#1	2163.3	34542.	3851.6	95.942	2673.3
#2	2135.3	34517.	3702.4	92.892	2643.4

Sample Name: ICB01 Acquired: 10/29/2018 13:06:25 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	-.00110	-.00011	-.00012	.00056	.00382	-.00069
Stddev	.00067	.00160	.00094	.00159	.00013	.00163	.00067
%RSD	22.359	145.17	846.40	1339.3	22.618	42.554	97.243

#1	-.00347	-.00224	.00055	.00100	.00065	.00497	-.00117
#2	-.00252	.00003	-.00078	-.00124	.00047	.00267	-.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00004	.01024	.00041	-.00010	-.00036	-.00198
Stddev	.00002	.00005	.01227	.00000	.00009	.00025	.00155
%RSD	25.578	119.57	119.78	.28751	92.300	70.659	78.650

#1	.00009	.00008	.00157	.00041	-.00003	-.00018	-.00307
#2	.00006	.00001	.01892	.00041	-.00016	-.00054	-.00088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01126	.00004	.00009	-.94410	-.00004	-.00043
Stddev	.00003	.02145	.00025	.00025	.00881	.00020	.00004
%RSD	280.56	190.43	685.67	290.44	.93293	461.66	9.1267

#1	-.00003	.00390	.00021	.00027	-.95033	-.00018	-.00045
#2	.00001	-.02643	-.00014	-.00009	-.93787	.00010	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.27453	.00006	.00362	-.00002	-.00355	-.00061	-.00088
Stddev	.02032	.00016	.00158	.00081	.00222	.00016	.00110
%RSD	7.4004	270.58	43.770	4105.6	62.404	25.714	125.67

#1	-.26016	-.00005	.00474	-.00059	-.00512	-.00072	-.00010
#2	-.28889	.00017	.00250	.00055	-.00199	-.00050	-.00166

Sample Name: ICB01 Acquired: 10/29/2018 13:06:25 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00612	.0009	-.00001	F .40015	F<.00000
Stddev	.00101	.0017	.00002	.71909	.32516
%RSD	16.450	179.8	236.25	179.70	468.55

#1	-.00540	-.0002	.00001	-.10832	.16053
#2	-.00683	.0021	-.00002	.90862	-.29932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.3	34444.	3922.6	98.125	2656.6
Stddev	17.2	6.	12.9	1.155	11.8
%RSD	.79948	.01883	.32890	1.1770	.44327

#1	2137.1	34440.	3931.8	97.308	2648.2
#2	2161.4	34449.	3913.5	98.942	2664.9

Sample Name: CRI01 Acquired: 10/29/2018 13:10:30 Type: Unk
Method: P4-ICP2(v2527) 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	.01971	.04428	.01339	.02212	.05894	.11834	.11094	.00674
Stddev	.00355	.00254	.00027	.00022	.00158	.00268	.00001	.00008
%RSD	18.000	5.7301	1.9954	1.0106	2.6791	2.2633	.00891	1.2376
#1	.02222	.04608	.01358	.02196	.06006	.12023	.11094	.00680
#2	.01720	.04249	.01320	.02228	.05783	.11644	.11093	.00668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.1500	.01144	.03445	.02166	.10072	.02399	2.1762
Stddev	.00016	.0225	.00109	.00083	.00030	.00930	.00002	.0230
%RSD	2.6738	1.0448	9.5567	2.4187	1.3734	9.2283	.09914	1.0581
#1	.00625	2.1341	.01221	.03504	.02145	.09415	.02400	2.1599
#2	.00602	2.1659	.01067	.03386	.02187	.10730	.02397	2.1925
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04441	.01078	1.5711	.04626	.04559	1.8406	.21578	.11260
Stddev	.00154	.00038	.0243	.00052	.00024	.0010	.00595	.01118
%RSD	3.4683	3.5619	1.5480	1.1204	.52851	.05313	2.7591	9.9261
#1	.04550	.01051	1.5539	.04590	.04576	1.8399	.21999	.10469
#2	.04332	.01105	1.5883	.04663	.04542	1.8413	.21157	.12050
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02034	.41674	.04329	.04406	.01470	.0203	.02146	F 1.1804
Stddev	.00177	.00366	.00245	.00115	.00124	.0003	.00005	.1994
%RSD	8.6873	.87760	5.6568	2.6074	8.4179	1.416	.24712	16.894
#1	.02159	.41932	.04502	.04487	.01558	.0201	.02142	1.0394
#2	.01909	.41415	.04155	.04325	.01383	.0205	.02149	1.3214

Sample Name: CRI01 Acquired: 10/29/2018 13:10:30 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .00392
Stddev	.07944
%RSD	2026.5

#1	.06009
#2	-.05225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.5	34121.	3800.2	95.658	2663.5
Stddev	63.6	54.	9.3	.742	70.7
%RSD	2.9522	.15896	.24502	.77616	2.6549

#1	2108.6	34083.	3806.8	95.133	2613.5
#2	2198.5	34160.	3793.6	96.183	2713.5

Sample Name: ICSA01 Acquired: 10/29/2018 13:14:34 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.01129	-.00108	-.00906	.00439	278.98	.00483	-.00091
Stddev	.00363	.00244	.00165	.00316	.00385	4.32	.00061	.00022
%RSD	189.24	21.601	152.93	34.949	87.686	1.5493	12.671	24.048
#1	-.00065	-.01301	.00009	-.00682	.00712	275.92	.00439	-.00106
#2	.00448	-.00957	-.00224	-.01129	.00167	282.03	.00526	-.00075
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	240.07	.05570	-.00080	.00400	97.230	.01509	254.37
Stddev	.00063	15.88	.00070	.00039	.00035	5.309	.00020	17.74
%RSD	38.298	6.6129	1.2635	48.252	8.7749	5.4606	1.3470	6.9751
#1	.00210	228.85	.05620	-.00053	.00425	93.476	.01524	241.83
#2	.00121	251.30	.05521	-.00108	.00375	100.98	.01495	266.92
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00664	-.00630	-.90435	.00099	.00136	-.23596	-.00049	-.00755
Stddev	.00029	.00148	.05956	.00044	.00014	.02481	.00004	.00598
%RSD	4.3179	23.542	6.5855	44.799	10.387	10.515	9.0192	79.238
#1	-.00685	-.00735	-.94646	.00068	.00146	-.25350	-.00046	-.00332
#2	-.00644	-.00525	-.86224	.00130	.00126	-.21842	-.00052	-.01178
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00658	.00770	-.00480	-.00303	.0045	-.00640	F 3.1382
Stddev	.00145	.00466	.00025	.00148	.00051	.0016	.00095	.7388
%RSD	173.07	70.832	3.1982	30.866	16.703	35.04	14.904	23.543
#1	.00187	-.00988	.00787	-.00584	-.00339	.0034	-.00708	3.6606
#2	-.00019	-.00329	.00752	-.00375	-.00267	.0056	-.00573	2.6157

Sample Name: ICSA01 Acquired: 10/29/2018 13:14:34 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 18.166
Stddev	1.114
%RSD	6.1307

#1	18.953
#2	17.378

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.4	31321.	3894.4	91.617	2184.9
Stddev	11.1	23.	210.6	3.351	12.7
%RSD	.56114	.07381	5.4086	3.6579	.58321

#1	1973.5	31337.	4043.3	93.987	2175.9
#2	1989.2	31304.	3745.4	89.248	2193.9

Sample Name: ICSAB01 Acquired: 10/29/2018 13:18:43 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10632	.08903	.04746	.04741	.60734	266.08	.51202	.53410
Stddev	.00657	.00422	.00148	.00352	.00092	.63	.01890	.00042
%RSD	6.1830	4.7418	3.1217	7.4212	.15172	.23794	3.6915	.07809

#1	.11097	.09201	.04851	.04492	.60669	265.63	.52539	.53440
#2	.10167	.08604	.04642	.04990	.60800	266.53	.49866	.53381

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99606	237.83	.53910	.50057	.48926	98.486	.51693	252.82
Stddev	.00368	8.46	.00045	.00000	.00044	1.449	.00013	10.17
%RSD	.36985	3.5558	.08280	.00015	.08901	1.4711	.02523	4.0206

#1	.99345	243.81	.53941	.50057	.48895	99.510	.51684	260.01
#2	.99866	231.85	.53878	.50057	.48957	97.461	.51703	245.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97337	.20386	-.93014	.48544	1.0096	-.20724	F 1.0287	F 1.0174
Stddev	.00185	.00130	.01351	.00227	.0122	.01025	.0020	.0247
%RSD	.18994	.63798	1.4527	.46666	1.2066	4.9469	.19073	2.4299

#1	.97206	.20478	-.92058	.48384	1.0182	-.21449	1.0301	1.0349
#2	.97467	.20294	-.93969	.48704	1.0010	-.19999	1.0273	.99995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.0355	F .92866	F 1.0642	F 1.0386	F .90644	F 1.003	F .99937	F 3.0018
Stddev	.0143	.03861	.0019	.0389	.02402	.001	.04261	.1861
%RSD	1.3764	4.1576	.17389	3.7438	2.6497	.1218	4.2632	6.2005

#1	1.0255	.95597	1.0655	1.0661	.92342	1.004	1.0295	2.8702
#2	1.0456	.90136	1.0629	1.0111	.88945	1.002	.96924	3.1334

Sample Name: ICSAB01 Acquired: 10/29/2018 13:18:43 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 17.032
Stddev .483
%RSD 2.8331

#1 17.373
#2 16.691

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.5	32182.	3836.4	88.510	2233.2
Stddev	7.2	45.	141.0	1.020	7.0
%RSD	.35464	.13979	3.6762	1.1521	.31340

#1	2028.6	32214.	3736.7	87.789	2238.2
#2	2018.4	32150.	3936.2	89.231	2228.3

Sample Name: CCV01 Acquired: 10/29/2018 13:35:17 Type: Unk
Method: P4-ICP2(v2527) 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	5.1606	5.0468	5.1413	5.1327	5.1942	10.420	10.089	.25873
Stddev	.0063	.0032	.0023	.0168	.0108	.128	.032	.00047
%RSD	.12277	.06238	.04551	.32668	.20758	1.2271	.31690	.18249
#1	5.1650	5.0490	5.1396	5.1445	5.2018	10.330	10.112	.25840
#2	5.1561	5.0446	5.1429	5.1208	5.1866	10.511	10.067	.25907
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5322	25.236	1.0216	2.5524	1.2847	5.0080	2.5953	24.632
Stddev	.0019	.137	.0055	.0021	.0042	.0159	.0021	.130
%RSD	.07492	.54349	.53935	.08363	.32444	.31738	.08047	.52725
#1	2.5336	25.333	1.0177	2.5509	1.2877	4.9968	2.5939	24.724
#2	2.5309	25.139	1.0255	2.5539	1.2818	5.0193	2.5968	24.540
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5101	1.2547	24.355	2.4998	2.5384	24.807	5.0713	4.9337
Stddev	.0005	.0026	.161	.0005	.0115	.115	.0152	.0121
%RSD	.01843	.20350	.66055	.02089	.45092	.46281	.29896	.24492
#1	2.5105	1.2529	24.469	2.5002	2.5465	24.888	5.0820	4.9251
#2	2.5098	1.2565	24.241	2.4994	2.5303	24.726	5.0605	4.9422
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9113	4.9309	5.0936	5.0300	4.9773	5.010	4.9940	F 3.3171
Stddev	.0243	.0579	.0086	.0211	.0151	.003	.0201	.3845
%RSD	.49544	1.1751	.16843	.42032	.30405	.0638	.40331	11.592
#1	4.9285	4.9719	5.0876	5.0449	4.9880	5.008	5.0083	3.0452
#2	4.8941	4.8900	5.0997	5.0150	4.9665	5.013	4.9798	3.5890

Sample Name: CCV01 Acquired: 10/29/2018 13:35:17 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0037
Stddev .4149
%RSD 13.813

#1 2.7104
#2 3.2971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.2	33018.	3825.4	91.671	2409.2
Stddev	9.4	42.	36.8	.588	5.7
%RSD	.45631	.12814	.96167	.64146	.23524

#1	2046.6	33048.	3799.4	91.255	2405.2
#2	2059.9	32988.	3851.4	92.086	2413.2

Sample Name: CCB01 Acquired: 10/29/2018 13:54:48 Type: Unk
Method: P4-ICP2(v2527) 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	-.00134	-.00035	.00205	.00131	-.00090	-.00085	-.00001
Stddev	.00133	.00065	.00016	.00077	.00107	.00417	.00017	.00002
%RSD	226.72	48.606	45.236	37.335	81.267	463.88	20.359	190.89
#1	-.00153	-.00088	-.00024	.00151	.00207	-.00385	-.00072	.00000
#2	.00035	-.00180	-.00046	.00259	.00056	.00205	-.00097	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01005	.00017	-.00002	-.00049	.00552	-.00002	-.00883
Stddev	.00005	.00859	.00032	.00008	.00037	.00209	.00003	.02607
%RSD	487.75	85.468	186.55	311.62	74.488	37.808	169.79	295.11
#1	-.00004	.01612	.00039	-.00008	-.00023	.00700	-.00004	-.02727
#2	.00002	.00398	-.00005	.00003	-.00076	.00405	.00000	.00960
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00000	-.52537	-.00023	-.00044	.00636	.00014	-.00189
Stddev	.00029	.00047	.00820	.00010	.00002	.00628	.00007	.00709
%RSD	77.940	33215.	1.5599	43.205	5.0645	98.765	49.305	374.79
#1	.00058	.00033	-.53117	-.00016	-.00043	.00192	.00009	.00312
#2	.00017	-.00033	-.51958	-.00030	-.00046	.01080	.00019	-.00690
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	-.00173	-.00080	-.00257	-.00499	.0018	-.00006	F .86591
Stddev	.00153	.00395	.00083	.00087	.00008	.0003	.00011	1.0091
%RSD	63.033	228.04	103.79	33.792	1.5202	15.62	199.31	116.54
#1	-.00350	-.00452	-.00021	-.00318	-.00505	.0016	.00002	1.5795
#2	-.00134	.00106	-.00139	-.00195	-.00494	.0020	-.00013	.15236

Sample Name: CCB01 Acquired: 10/29/2018 13:54:48 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .09347
Stddev .03393
%RSD 36.306

#1 .11746
#2 .06947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.5	34416.	3968.9	100.29	2739.9
Stddev	.7	1516.	3.3	.21	.8
%RSD	.03357	4.4048	.08430	.21152	.02856

#1	2186.1	33344.	3966.5	100.44	2739.3
#2	2185.0	35488.	3971.2	100.14	2740.4

Sample Name: LR CHECK1 Acquired: 10/29/2018 13:59:54 Type: Unk
Method: P4-ICP2(v2527) 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	-.01433	-.10915	-.08024	-.17822	.05672	1928.8	.00730	.00030
Stddev	.00604	.00631	.00179	.01375	.00133	11.2	.00004	.00040
%RSD	42.124	5.7845	2.2280	7.7129	2.3474	.58219	.54106	134.44

#1	-.01860	-.10469	-.07897	-.18794	.05578	1920.9	.00733	.00001
#2	-.01006	-.11362	-.08150	-.16850	.05767	1936.8	.00728	.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06589	1799.4	.11742	.04533	.01713	F 918.87	.02833	F 1833.6
Stddev	.00384	10.1	.00143	.00171	.00060	2.78	.00019	1.3
%RSD	5.8226	.56286	1.2178	3.7792	3.4794	.30276	.68766	.07058

#1	.06861	1806.5	.11641	.04654	.01755	916.90	.02820	1834.5
#2	.06318	1792.2	.11843	.04412	.01671	920.83	.02847	1832.7

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12501	-.05317	F 1829.1	.00409	.10193	F 1049.3	.01446	-.15675
Stddev	.00230	.00238	1.4	.00201	.00009	4.6	.00001	.01301
%RSD	1.8430	4.4826	.07663	49.156	.09260	.44004	.07118	8.2995

#1	.12664	-.05486	1828.1	.00551	.10200	1052.6	.01447	-.16595
#2	.12338	-.05149	1830.1	.00267	.10187	1046.0	.01445	-.14755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38688	-.01010	.06551	-.05599	.02095	.0621	.01725	8.5772
Stddev	.00681	.00348	.00128	.00041	.00035	.0028	.00016	.6137
%RSD	1.7607	34.492	1.9578	.72356	1.6505	4.498	.94121	7.1547

#1	.39169	-.00763	.06460	-.05570	.02071	.0640	.01714	9.0111
#2	.38206	-.01256	.06642	-.05628	.02119	.0601	.01737	8.1432

Sample Name: LR CHECK1 Acquired: 10/29/2018 13:59:54 Type: Unk
 Method: P4-ICP2(v2527) 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 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.2	25250.	3422.5	71.585	1399.1
Stddev	22.6	11.	2.0	.223	22.1
%RSD	1.4526	.04449	.05964	.31186	1.5765
#1	1540.2	25242.	3421.1	71.743	1383.5
#2	1572.2	25257.	3424.0	71.427	1414.7

Sample Name: LR CHECK2 Acquired: 10/29/2018 14:04:19 Type: Unk
Method: P4-ICP2(v2527) 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	.00240	-.02042	F 258.81	.01528	-.03492	-.14262	96.001	-.00063
Stddev	.00476	.00271	.38	.00141	.00097	.00211	1.281	.00013
%RSD	198.40	13.259	.14800	9.2191	2.7714	1.4768	1.3347	21.135
#1	-.00097	-.01851	258.54	.01628	-.03560	-.14411	96.907	-.00072
#2	.00576	-.02234	259.08	.01429	-.03423	-.14113	95.095	-.00053
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00769	.45476	-.09762	-.00670	244.82	-.59440	42.546	-.09486
Stddev	.00006	.01541	.00140	.00027	1.58	.00893	.305	.03099
%RSD	.76088	3.3884	1.4333	4.0154	.64510	1.5024	.71685	32.672
#1	-.00765	.44386	-.09861	-.00651	245.94	-.60071	42.330	-.11678
#2	-.00773	.46566	-.09663	-.00689	243.70	-.58808	42.762	-.07295
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.424	.00835	-.17592	-.00333	33.559	.27576	.00670	-.00141
Stddev	.079	.00001	.02887	.00058	.047	.01089	.00001	.00548
%RSD	.16284	.14285	16.414	17.515	.13966	3.9477	.20881	387.91
#1	48.368	.00836	-.19633	-.00292	33.526	.26806	.00671	-.00529
#2	48.479	.00834	-.15550	-.00374	33.592	.28346	.00669	.00246
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07339	.05972	.00448	.02302	-.00809	F -4.609	.00363	.76118
Stddev	.00180	.00398	.00049	.00125	.00064	.030	.00004	.53637
%RSD	2.4488	6.6560	10.840	5.4280	7.8739	.6435	1.2278	70.466
#1	.07466	.06253	.00414	.02214	-.00854	-4.630	.00360	.38191
#2	.07212	.05691	.00482	.02390	-.00764	-4.588	.00366	1.1405

Sample Name: LR CHECK2 Acquired: 10/29/2018 14:04:19 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .74908
Stddev .41191
%RSD 54.989

#1 .45782
#2 1.0403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.8	35333.	3994.9	94.417	2534.7
Stddev	3.0	643.	39.4	.106	3.4
%RSD	.14744	1.8187	.98615	.11234	.13577

#1	2031.9	35788.	3967.0	94.492	2537.2
#2	2027.7	34879.	4022.7	94.342	2532.3

Sample Name: J5204-09 Acquired: 10/29/2018 14:08:38 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03425	-.02016	.26238	.00871	.00178	117.47	.68676	.00435
Stddev	.00296	.00183	.00127	.00237	.00013	.08	.00432	.00008
%RSD	8.6352	9.0583	.48524	27.220	7.2035	.06867	.62865	1.7889

#1	.03634	-.01887	.26148	.01038	.00187	117.53	.68371	.00429
#2	.03215	-.02146	.26328	.00703	.00169	117.41	.68982	.00440

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	136.91	.29621	.14180	.35860	298.51	4.6544	82.550
Stddev	.00113	.80	.00158	.00068	.00134	8.35	.0216	.372
%RSD	26.000	.58207	.53459	.48240	.37307	2.7959	.46417	.45028

#1	.00355	136.34	.29733	.14131	.35766	304.42	4.6697	82.287
#2	.00514	137.47	.29509	.14228	.35955	292.61	4.6392	82.813

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24140	.00002	7.9831	.52639	.72782	5.9318	.00396	.14224
Stddev	.00062	.00145	.0755	.00471	.02023	.0281	.00005	.01869
%RSD	.25533	7178.3	.94524	.89443	2.7802	.47342	1.2441	13.140

#1	.24097	.00105	7.9297	.52972	.74212	5.9119	.00399	.15545
#2	.24184	-.00101	8.0364	.52306	.71351	5.9516	.00392	.12902

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9983	2.8806	.01930	4.8726	.11632	6.980	.27672	<.00000
Stddev	.0001	.0103	.00022	.0158	.00029	.001	.00169	.68841
%RSD	.00242	.35704	1.1305	.32431	.24896	.0084	.60946	4.6271

#1	3.9983	2.8733	.01946	4.8614	.11653	6.981	.27553	-15.365
#2	3.9982	2.8879	.01915	4.8838	.11612	6.980	.27791	-14.391

Sample Name: J5204-09 Acquired: 10/29/2018 14:08:38 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3450
Stddev	.4690
%RSD	20.001

#1	2.6767
#2	2.0134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.1	41770.	5068.7	92.364	2301.1
Stddev	4.3	143.	16.6	2.745	2.2
%RSD	.16384	.34311	.32695	2.9717	.09679

#1	2615.1	41669.	5080.4	90.424	2302.6
#2	2609.1	41872.	5057.0	94.305	2299.5

Sample Name: J5204-09DUP Acquired: 10/29/2018 14:12:38 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03495	-.02050	.26308	.01096	.00350	115.59	.68528	.00418
Stddev	.00030	.00005	.00063	.00109	.00051	1.24	.01116	.00014
%RSD	.86237	.22382	.23993	9.9734	14.607	1.0733	1.6282	3.3191

#1	.03516	-.02047	.26352	.01173	.00386	116.47	.67739	.00427
#2	.03473	-.02053	.26263	.01018	.00314	114.72	.69317	.00408

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00453	135.81	.28879	.14281	.36125	301.43	4.7289	81.592
Stddev	.00112	2.84	.00563	.00026	.00293	6.76	.0656	1.702
%RSD	24.819	2.0896	1.9479	.18249	.81095	2.2426	1.3866	2.0861

#1	.00532	133.81	.29276	.14299	.36332	296.65	4.7752	80.388
#2	.00373	137.82	.28481	.14263	.35918	306.21	4.6825	82.795

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24265	.00067	7.8550	.51973	.73351	5.7570	.00388	.15832
Stddev	.00066	.00206	.1972	.01041	.01338	.1360	.00038	.00201
%RSD	.27358	308.51	2.5102	2.0027	1.8238	2.3628	9.6575	1.2686

#1	.24312	-.00079	7.7156	.52709	.72405	5.6608	.00415	.15974
#2	.24218	.00213	7.9944	.51237	.74297	5.8532	.00362	.15690

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0474	2.8044	.01775	4.7054	.11293	7.135	.27882	<.00000
Stddev	.0138	.0347	.00137	.0934	.00341	.042	.00551	.01886
%RSD	.34034	1.2363	7.7167	1.9848	3.0183	.5843	1.9770	.12552

#1	4.0572	2.7799	.01872	4.6393	.11052	7.165	.27492	-15.011
#2	4.0377	2.8289	.01678	4.7714	.11534	7.106	.28272	-15.038

Sample Name: J5204-09DUP Acquired: 10/29/2018 14:12:38 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3147
Stddev	.8652
%RSD	65.813

#1	1.9265
#2	.70285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.2	42477.	5144.2	92.169	2292.0
Stddev	1.4	489.	93.7	1.895	3.4
%RSD	.05339	1.1510	1.8220	2.0556	.14778

#1	2608.3	42131.	5210.5	93.509	2289.6
#2	2610.2	42822.	5077.9	90.830	2294.4

Sample Name: J5204-09LX5 Acquired: 10/29/2018 14:16:36 Type: Unk
Method: P4-ICP2(v2527) 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	.00818	-.00360	.05165	-.00014	-.00164	26.670	.15951	.00078
Stddev	.00039	.00090	.00233	.00270	.00011	1.288	.01046	.00002
%RSD	4.8017	25.052	4.5120	1926.6	6.6768	4.8305	6.5574	2.6508

#1	.00845	-.00296	.05000	.00177	-.00156	27.581	.16691	.00076
#2	.00790	-.00424	.05329	-.00205	-.00171	25.759	.15212	.00079

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	32.636	.07270	.02698	.09272	57.368	1.1945	19.183
Stddev	.00055	1.963	.00363	.00067	.00128	4.511	.0456	1.201
%RSD	294.66	6.0148	4.9898	2.4692	1.3781	7.8635	3.8161	6.2585

#1	-.00020	34.024	.07527	.02650	.09181	60.558	1.2268	20.032
#2	.00058	31.248	.07014	.02745	.09362	54.178	1.1623	18.334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04645	-.00244	1.2942	.12712	.14487	1.2465	.00085	.00981
Stddev	.00028	.00037	.1151	.00472	.00932	.0765	.00001	.00316
%RSD	.59525	15.227	8.8928	3.7156	6.4350	6.1399	1.4447	32.192

#1	.04626	-.00218	1.3755	.13046	.15147	1.3006	.00086	.00757
#2	.04665	-.00270	1.2128	.12378	.13828	1.1923	.00084	.01204

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74978	.69953	.00310	1.1180	.02057	1.339	.06564	<.00000
Stddev	.00738	.03761	.00003	.0687	.00061	.014	.00393	.61582
%RSD	.98367	5.3772	1.0291	6.1472	2.9509	1.072	5.9927	39.451

#1	.74457	.72613	.00312	1.1666	.02099	1.328	.06842	-1.1255
#2	.75500	.67293	.00308	1.0694	.02014	1.349	.06286	-1.9964

Sample Name: J5204-09LX5 Acquired: 10/29/2018 14:16:36 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.5829
 Stddev .3383
 %RSD 3.5300

#1 9.8221
 #2 9.3437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.4	35974.	4300.5	98.603	2577.6
Stddev	13.1	1268.	212.8	6.397	20.8
%RSD	.58387	3.5253	4.9490	6.4880	.80762

#1	2256.6	35077.	4150.0	94.079	2592.3
#2	2238.1	36871.	4451.0	103.13	2562.8

Sample Name: J5204-09MS Acquired: 10/29/2018 14:20:34 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60075	1.7031	1.1286	1.4052	.59831	116.05	.81577	.15987
Stddev	.00049	.0117	.0124	.0007	.00214	7.17	.00156	.01263
%RSD	.08233	.68624	1.0994	.04831	.35717	6.1794	.19135	7.8981
#1	.60040	1.6949	1.1198	1.4047	.59680	121.12	.81687	.16879
#2	.60110	1.7114	1.1373	1.4056	.59983	110.98	.81466	.15094
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17857	134.01	.56845	.31223	.54894	290.36	4.7278	81.291
Stddev	.00232	.27	.04516	.00378	.00523	.49	.3576	.368
%RSD	1.2997	.20383	7.9445	1.2092	.95202	.17023	7.5630	.45283
#1	.17693	133.82	.60038	.30956	.54525	290.01	4.9807	81.552
#2	.18021	134.20	.53652	.31490	.55264	290.71	4.4750	81.031
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66175	.05362	9.8384	.72880	.87833	13.203	.29069	.35990
Stddev	.00783	.00096	.0310	.05884	.00382	.018	.00223	.01123
%RSD	1.1840	1.7950	.31497	8.0733	.43511	.13649	.76587	3.1191
#1	.65621	.05430	9.8603	.77040	.87562	13.216	.28912	.35196
#2	.66729	.05294	9.8165	.68719	.88103	13.191	.29227	.36784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7633	3.4675	.65958	4.7913	.26465	F 11.84	.41345	<.00000
Stddev	.0283	.0388	.00807	.0243	.00164	.12	.00196	1.9353
%RSD	.75273	1.1194	1.2234	.50626	.61945	1.055	.47418	12.916
#1	3.7433	3.4949	.65388	4.8084	.26581	11.75	.41484	-13.616
#2	3.7834	3.4400	.66529	4.7741	.26349	11.93	.41207	-16.353

Sample Name: J5204-09MS Acquired: 10/29/2018 14:20:34 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.64602
%RSD	288.21

#1	.23266
#2	-.68096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2685.2	42231.	5121.8	93.792	2406.5
Stddev	21.3	2627.	3.9	.194	25.7
%RSD	.79388	6.2212	.07622	.20713	1.0684

#1	2700.2	40374.	5119.0	93.929	2424.7
#2	2670.1	44089.	5124.6	93.654	2388.4

Sample Name: J5204-09MSD Acquired: 10/29/2018 14:24:26 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63249	1.8032	1.2072	1.4679	.63022	114.52	.82256
Stddev	.00557	.0344	.0263	.0208	.00574	.40	.00404
%RSD	.87992	1.9091	2.1776	1.4141	.91039	.34581	.49140

#1	.62855	1.7789	1.1886	1.4532	.62616	114.24	.81971
#2	.63643	1.8276	1.2258	1.4826	.63427	114.80	.82542

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15684	.19265	135.51	.55552	.33404	.57819	290.17
Stddev	.00036	.00456	.12	.00041	.00684	.00583	6.59
%RSD	.22958	2.3666	.08580	.07448	2.0469	1.0077	2.2695

#1	.15710	.18942	135.60	.55523	.32921	.57407	285.51
#2	.15659	.19587	135.43	.55581	.33888	.58231	294.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6398	81.749	.70289	.05380	9.9230	.71207	.88293
Stddev	.0034	.323	.01765	.00066	.0294	.00202	.01865
%RSD	.07317	.39456	2.5111	1.2306	.29625	.28413	2.1124

#1	4.6374	81.521	.69041	.05333	9.9022	.71064	.86975
#2	4.6422	81.977	.71537	.05427	9.9438	.71350	.89612

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.313	.30492	.35934	3.9933	3.4789	.70081	4.8331
Stddev	.015	.00396	.01212	.0857	.0036	.01635	.0192
%RSD	.11125	1.2996	3.3739	2.1470	.10205	2.3337	.39704

#1	13.302	.30212	.35076	3.9327	3.4764	.68924	4.8196
#2	13.323	.30772	.36791	4.0540	3.4814	.71237	4.8467

Sample Name: J5204-09MSD Acquired: 10/29/2018 14:24:26 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26692	F 12.57	.41675	<.00000	F<.00000
Stddev	.00193	.26	.00218	.68282	1.3102
%RSD	.72226	2.031	.52259	4.4966	56.539

#1	.26556	12.39	.41521	-14.702	-1.3909
#2	.26828	12.75	.41829	-15.668	-3.2438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.6	42644.	5063.8	93.665	2271.9
Stddev	29.7	31.	4.2	1.673	43.6
%RSD	1.1579	.07176	.08256	1.7863	1.9171

#1	2588.6	42666.	5060.8	94.848	2302.7
#2	2546.6	42623.	5066.7	92.482	2241.1

Sample Name: J5204-09A Acquired: 10/29/2018 14:28:18 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7624 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62922	1.8107	1.2159	1.4690	.62677	116.41	.84867
Stddev	.00527	.0172	.0110	.0189	.00385	.88	.02164
%RSD	.83780	.94764	.90174	1.2861	.61386	.75330	2.5496

#1	.63295	1.8229	1.2237	1.4823	.62949	117.03	.86397
#2	.62549	1.7986	1.2082	1.4556	.62405	115.79	.83337

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15845	.19220	139.20	.56263	.33498	.57358	302.16
Stddev	.00044	.00045	2.82	.00302	.00416	.00081	14.37
%RSD	.27936	.23609	2.0234	.53735	1.2413	.14082	4.7539

#1	.15814	.19252	141.19	.56476	.33792	.57415	312.32
#2	.15877	.19188	137.20	.56049	.33204	.57301	292.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7083	84.515	.70519	.05660	10.188	.71982	.92860
Stddev	.0141	2.428	.00966	.00225	.293	.00556	.03815
%RSD	.30042	2.8731	1.3700	3.9678	2.8739	.77296	4.1088

#1	4.7183	86.232	.71202	.05819	10.396	.72376	.95558
#2	4.6983	82.798	.69836	.05501	9.9814	.71589	.90162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.700	.30321	.36322	3.9840	3.5622	.70426	5.0016
Stddev	.292	.00215	.01658	.0155	.0721	.00674	.1644
%RSD	2.1329	.71058	4.5647	.38912	2.0242	.95752	3.2859

#1	13.907	.30473	.37494	3.9950	3.6132	.70903	5.1178
#2	13.494	.30169	.35150	3.9730	3.5113	.69949	4.8854

Sample Name: J5204-09A Acquired: 10/29/2018 14:28:18 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7624 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27543	F 12.60	.42887	<.00000	F<.00000
Stddev	.00941	.16	.01136	.68424	1.2839
%RSD	3.4152	1.267	2.6482	4.4752	16.397

#1	.28208	12.71	.43690	-14.806	-6.9221
#2	.26878	12.49	.42083	-15.773	-8.7378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2608.9	42072.	4935.6	90.183	2298.5
Stddev	13.4	213.	95.9	3.548	25.9
%RSD	.51449	.50541	1.9433	3.9344	1.1276

#1	2599.4	41922.	4867.7	87.674	2280.2
#2	2618.4	42223.	5003.4	92.692	2316.9

Sample Name: J5204-11 Acquired: 10/29/2018 14:32:09 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03596	-.02234	.43299	.00942	.00500	116.13	.55439
Stddev	.00099	.00016	.00071	.00309	.00222	.75	.00029
%RSD	2.7421	.70307	.16362	32.829	44.305	.64874	.05280

#1	.03526	-.02245	.43349	.00724	.00657	116.66	.55459
#2	.03666	-.02223	.43249	.01161	.00344	115.60	.55418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00397	107.42	.18914	.16477	.39674	351.62
Stddev	.00013	.00060	.30	.00119	.00004	.00013	6.79
%RSD	3.4654	15.138	.27869	.62697	.02585	.03198	1.9299

#1	.00378	.00439	107.21	.18997	.16474	.39683	346.82
#2	.00360	.00354	107.63	.18830	.16480	.39665	356.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6663	67.111	.24934	.00281	5.9986	.50364	.73608
Stddev	.0008	.376	.00087	.00099	.0041	.00123	.01749
%RSD	.01773	.56072	.34871	35.269	.06864	.24349	2.3764

#1	4.6669	66.845	.24873	.00211	6.0015	.50451	.72372
#2	4.6657	67.377	.24996	.00351	5.9957	.50278	.74845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9338	.00404	.22784	4.5537	2.3640	.02093	5.2401
Stddev	.0040	.00007	.01353	.0200	.0199	.00080	.0294
%RSD	.04996	1.8482	5.9405	.43949	.84184	3.8141	.56157

#1	7.9366	.00409	.21827	4.5679	2.3499	.02037	5.2609
#2	7.9310	.00399	.23741	4.5396	2.3780	.02150	5.2193

Sample Name: J5204-11 Acquired: 10/29/2018 14:32:09 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-102518 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12896	8.567	.31545	<.00000	F<.00000
Stddev	.00030	.006	.00015	.43018	.19267
%RSD	.23030	.0671	.04880	2.1654	1.9122
#1	.12875	8.571	.31556	-19.562	-9.9398
#2	.12917	8.563	.31534	-20.171	-10.212
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.5	43936.	5282.8	91.154	2294.6
Stddev	9.4	70.	28.3	2.064	7.6
%RSD	.35275	.15931	.53507	2.2641	.33031
#1	2666.8	43887.	5302.8	92.613	2289.2
#2	2680.1	43986.	5262.8	89.694	2300.0

Sample Name: J5204-13 Acquired: 10/29/2018 14:36:05 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-102518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02751	-.02983	.49012	.01215	.00703	172.92	.79946
Stddev	.00483	.00167	.00617	.00098	.00122	2.39	.00900
%RSD	17.550	5.6084	1.2583	8.0675	17.322	1.3816	1.1259

#1	.03092	-.03101	.48575	.01284	.00789	174.61	.79309
#2	.02409	-.02865	.49448	.01145	.00617	171.24	.80582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00506	.00576	105.08	.27394	.22257	.52492	454.47
Stddev	.00006	.00123	.36	.00589	.00409	.00757	.98
%RSD	1.1785	21.264	.34315	2.1506	1.8396	1.4420	.21669

#1	.00511	.00490	104.82	.27810	.21967	.51957	455.17
#2	.00502	.00663	105.33	.26977	.22546	.53027	453.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0374	73.003	.32570	.00427	12.061	.63162	.95782
Stddev	.1580	.955	.00535	.00140	.146	.01030	.00432
%RSD	2.2453	1.3087	1.6438	32.774	1.2078	1.6305	.45122

#1	7.1491	72.327	.32192	.00328	11.958	.63890	.96087
#2	6.9257	73.678	.32949	.00526	12.164	.62434	.95476

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1687	.00277	.41972	4.1363	3.3144	.03617	7.0502
Stddev	.0797	.00004	.00084	.0532	.0261	.00084	.0765
%RSD	.86969	1.4236	.19973	1.2873	.78819	2.3353	1.0856

#1	9.1123	.00274	.41913	4.0987	3.2959	.03558	6.9961
#2	9.2250	.00280	.42032	4.1740	3.3329	.03677	7.1043

Sample Name: J5204-13 Acquired: 10/29/2018 14:36:05 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-102518 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15820	7.488	.46720	<.00000	F<.00000
Stddev	.00106	.102	.00505	.78417	.73843
%RSD	.66851	1.367	1.0800	2.9376	1.9837

#1	.15745	7.416	.46363	-26.140	-37.748
#2	.15895	7.560	.47077	-27.249	-36.703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2698.5	43475.	5229.5	89.365	2255.7
Stddev	31.4	692.	28.6	.629	35.7
%RSD	1.1626	1.5914	.54643	.70337	1.5831

#1	2720.7	42986.	5249.7	88.921	2280.9
#2	2676.3	43964.	5209.3	89.809	2230.4

Sample Name: CCV02 Acquired: 10/29/2018 14:40:06 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8899	4.6881	4.8281	4.8388	4.9778	9.7857	9.5779	.24081
Stddev	.0129	.0102	.0123	.0237	.0147	.1530	.0440	.00168
%RSD	.26430	.21771	.25484	.48926	.29589	1.5633	.45979	.69616
#1	4.8990	4.6953	4.8368	4.8556	4.9883	9.8939	9.5468	.24200
#2	4.8807	4.6808	4.8194	4.8221	4.9674	9.6775	9.6090	.23963
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3525	23.735	.93840	2.3898	1.2157	4.5752	2.4100	22.886
Stddev	.0077	.061	.01029	.0076	.0042	.0078	.0225	.039
%RSD	.32582	.25524	1.0962	.31633	.34794	.17027	.93447	.17055
#1	2.3579	23.692	.94567	2.3951	1.2187	4.5807	2.4260	22.859
#2	2.3471	23.778	.93112	2.3844	1.2127	4.5697	2.3941	22.914
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3197	1.1604	22.784	2.2705	2.3360	23.564	4.7464	4.6370
Stddev	.0037	.0098	.153	.0177	.0017	.151	.0162	.0232
%RSD	.15941	.84049	.67040	.78173	.07400	.64070	.34103	.49988
#1	2.3223	1.1673	22.676	2.2831	2.3348	23.457	4.7579	4.6206
#2	2.3170	1.1535	22.892	2.2580	2.3373	23.671	4.7350	4.6534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5106	4.6207	4.7440	4.7423	4.7393	4.680	4.7114	F 2.7145
Stddev	.0147	.0451	.0203	.0058	.0161	.017	.0218	.0543
%RSD	.32597	.97551	.42861	.12173	.34019	.3691	.46299	1.9998
#1	4.5210	4.5888	4.7584	4.7382	4.7279	4.692	4.6959	2.7529
#2	4.5002	4.6526	4.7296	4.7464	4.7507	4.668	4.7268	2.6761

Sample Name: CCV02 Acquired: 10/29/2018 14:40:06 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14086 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7306
 Stddev 1.2180
 %RSD 44.606

#1 3.5919
 #2 1.8693

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.0	34606.	3987.9	96.562	2510.0
Stddev	9.7	318.	20.0	.143	12.3
%RSD	.46253	.91800	.50037	.14812	.48943

#1	2093.2	34382.	4002.0	96.461	2501.3
#2	2106.9	34831.	3973.8	96.663	2518.6

Sample Name: CCB02 Acquired: 10/29/2018 14:56:04 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00001	-.00122	.00385	.00096	.00659	-.00059	-.00001
Stddev	.00142	.00046	.00023	.00009	.00102	.00256	.00020	.00004
%RSD	275.53	5660.4	18.578	2.2649	106.26	38.782	33.213	488.58
#1	-.00152	.00033	-.00139	.00391	.00024	.00840	-.00073	.00002
#2	.00049	-.00031	-.00106	.00378	.00169	.00478	-.00045	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00141	-.00003	-.00019	-.00015	-.00102	.00004	-.03516
Stddev	.00008	.01143	.00060	.00007	.00004	.00313	.00000	.03078
%RSD	5376.5	811.23	2000.4	39.070	25.740	307.33	3.7762	87.532
#1	.00006	-.00667	-.00045	-.00013	-.00012	.00120	.00004	-.05692
#2	-.00006	.00949	.00039	-.00024	-.00018	-.00323	.00004	-.01340
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00008	-.83855	-.00049	.00123	-.26789	.00037	-.00809
Stddev	.00002	.00011	.02332	.00004	.00007	.01915	.00003	.01240
%RSD	2.7979	146.50	2.7806	7.9205	5.8277	7.1480	7.8596	153.28
#1	.00060	.00000	-.85504	-.00052	.00118	-.28143	.00039	.00068
#2	.00063	-.00015	-.82207	-.00046	.00128	-.25435	.00035	-.01686
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	.00256	-.00185	-.00318	-.00929	.0019	-.00010	F 1.0323
Stddev	.00262	.00167	.00011	.00145	.00016	.0008	.00003	.8940
%RSD	305.03	65.178	5.8370	45.571	1.7517	44.64	28.902	86.605
#1	-.00271	.00138	-.00192	-.00420	-.00940	.0013	-.00008	1.6645
#2	.00099	.00374	-.00177	-.00215	-.00917	.0025	-.00012	.40013

Sample Name: CCB02 Acquired: 10/29/2018 14:56:04 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14086 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .35204
Stddev	.11060
%RSD	31.418

#1	.27383
#2	.43025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.7	34378.	3749.1	95.396	2797.9
Stddev	45.4	1838.	96.7	4.131	53.3
%RSD	2.0619	5.3450	2.5802	4.3300	1.9056

#1	2169.6	33079.	3817.5	98.317	2760.2
#2	2233.8	35678.	3680.7	92.475	2835.6

Sample Name: PB114236BL Acquired: 10/29/2018 15:07:29 Type: Unk
Method: P4-ICP2(v2527) 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	-.00323	-.00038	-.00029	-.00031	-.00027	.00538	-.00094	.00002
Stddev	.00240	.00014	.00044	.00057	.00049	.00777	.00067	.00003
%RSD	74.271	36.410	151.27	184.37	183.68	144.45	71.091	166.84
#1	-.00153	-.00048	.00002	.00009	.00008	-.00012	-.00047	.00004
#2	-.00492	-.00028	-.00061	-.00071	-.00062	.01088	-.00141	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.01283	-.00010	-.00015	-.00019	.00549	.00003	.03657
Stddev	.00003	.00880	.00051	.00010	.00008	.00160	.00003	.03923
%RSD	27.308	68.531	493.09	69.056	41.376	29.077	94.348	107.27
#1	.00014	.01905	.00026	-.00022	-.00024	.00662	.00005	.00883
#2	.00010	.00661	-.00047	-.00008	-.00013	.00436	.00001	.06431
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00005	-.83417	-.00056	.00107	-.30868	-.00001	-.00691
Stddev	.00068	.00004	.00430	.00025	.00004	.00531	.00027	.00284
%RSD	116.21	79.315	.51517	45.235	3.4822	1.7202	2901.7	41.067
#1	.00010	.00002	-.83721	-.00074	.00110	-.31243	.00018	-.00892
#2	.00107	.00007	-.83113	-.00038	.00105	-.30492	-.00020	-.00491
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	.00227	-.00059	-.00169	-.00904	.0010	-.00015	F .67483
Stddev	.00097	.00533	.00041	.00077	.00055	.0003	.00008	.19996
%RSD	49.572	234.48	69.756	45.647	6.0593	32.46	50.515	29.631
#1	-.00127	-.00150	-.00089	-.00224	-.00943	.0008	-.00021	.53344
#2	-.00263	.00604	-.00030	-.00115	-.00865	.0012	-.00010	.81622

Sample Name: PB114236BL Acquired: 10/29/2018 15:07:29 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51420
Stddev	.07399
%RSD	14.390

#1	.56652
#2	.46188

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.4	35215.	3840.2	98.017	2820.8
Stddev	112.7	341.	13.0	.801	157.0
%RSD	5.0716	.96720	.33964	.81760	5.5666

#1	2141.7	35456.	3849.4	98.583	2709.8
#2	2301.1	34974.	3831.0	97.450	2931.9

Sample Name: PB114273BS Acquired: 10/29/2018 15:11:33 Type: Unk
Method: P4-ICP2(v2527) 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	.75080	1.8094	.92077	1.8810	.76582	1.9207	.19801
Stddev	.03078	.0626	.03166	.0727	.02836	.0278	.00042
%RSD	4.1000	3.4592	3.4380	3.8655	3.7037	1.4483	.21001

#1	.77257	1.8537	.94316	1.9325	.78587	1.9010	.19831
#2	.72903	1.7652	.89839	1.8296	.74576	1.9403	.19772

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19626	.17877	1.0012	.38034	.18208	.29500	2.7756
Stddev	.00051	.00622	.0130	.00013	.00600	.00948	.0462
%RSD	.26015	3.4772	1.2986	.03315	3.2951	3.2144	1.6649

#1	.19589	.18317	.99204	.38025	.18632	.30170	2.8083
#2	.19662	.17438	1.0104	.38043	.17784	.28829	2.7429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20540	1.8404	.44508	.06821	2.6884	.28057	.19250
Stddev	.00006	.0494	.01624	.00077	.0241	.00017	.00479
%RSD	.02893	2.6835	3.6498	1.1248	.89718	.06104	2.4875

#1	.20536	1.8753	.45656	.06767	2.7055	.28070	.19588
#2	.20544	1.8055	.43359	.06875	2.6714	.28045	.18911

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4108	.37220	.28345	8.0556	.92962	.62820	.19544
Stddev	.0147	.01365	.00041	.2832	.00228	.02222	.00046
%RSD	.15645	3.6661	.14472	3.5149	.24487	3.5375	.23393

#1	9.4212	.38185	.28374	8.2558	.92801	.64391	.19511
#2	9.4003	.36255	.28316	7.8554	.93123	.61248	.19576

Sample Name: PB114273BS Acquired: 10/29/2018 15:11:33 Type: Unk
Method: P4-ICP2(v2527) 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	.18480	5.109	.19273	F .54343	F<.00000
Stddev	.00169	.180	.00042	.07620	.56076
%RSD	.91327	3.533	.21761	14.021	79.063

#1	.18599	5.236	.19303	.59731	-.31274
#2	.18361	4.981	.19243	.48955	-1.1058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.7	34747.	3859.2	97.646	2771.0
Stddev	59.3	40.	37.3	1.844	79.1
%RSD	2.7029	.11489	.96678	1.8888	2.8543

#1	2150.8	34775.	3832.8	96.342	2715.1
#2	2234.6	34719.	3885.5	98.950	2826.9

Sample Name: PB114238BL Acquired: 10/29/2018 15:15:25 Type: Unk
Method: P4-ICP2(v2527) 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	.00107	-.00032	-.00045	.00277	-.00090	.00563	-.00062
Stddev	.00245	.00030	.00017	.00287	.00095	.00371	.00032
%RSD	230.18	92.476	37.823	103.57	106.10	66.001	52.473

#1	.00280	-.00011	-.00057	.00074	-.00022	.00825	-.00085
#2	-.00067	-.00054	-.00033	.00480	-.00157	.00300	-.00039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00006	.00520	-.00000	-.00010	-.00039	-.00348
Stddev	.00005	.00008	.01577	.00031	.00001	.00045	.00753
%RSD	37.200	132.46	303.10	10063.	6.8251	115.53	216.25

#1	.00018	-.00000	.01635	.00021	-.00009	-.00007	.00184
#2	.00011	-.00012	-.00595	-.00022	-.00010	-.00070	-.00880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.03205	.00046	.00014	-.89473	-.00036	.00087
Stddev	.00001	.02972	.00002	.00001	.00593	.00026	.00002
%RSD	97.704	92.740	4.7139	8.9999	.66250	72.592	1.8149

#1	.00001	-.05307	.00048	.00013	-.89893	-.00054	.00086
#2	.00000	-.01103	.00045	.00014	-.89054	-.00017	.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.29375	.00005	-.00318	-.00161	-.00068	-.00077	-.00064
Stddev	.00058	.00007	.00013	.00012	.00162	.00075	.00104
%RSD	.19856	146.89	4.1176	7.5925	237.42	97.456	164.23

#1	-.29334	.00010	-.00309	-.00170	-.00182	-.00130	-.00137
#2	-.29416	-.00000	-.00327	-.00153	.00046	-.00024	.00010

Sample Name: PB114238BL Acquired: 10/29/2018 15:15:25 Type: Unk
 Method: P4-ICP2(v2527) 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	-.00996	.0042	-.00004	F<.00000	F .25700
Stddev	.00141	.0001	.00011	.13631	.13628
%RSD	14.139	1.506	273.00	113.39	53.029

#1	-.01096	.0043	-.00012	-.21660	.35336
#2	-.00897	.0042	.00004	-.02382	.16063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.4	35650.	4029.7	102.20	2764.3
Stddev	11.6	6.	24.3	1.70	15.0
%RSD	.53264	.01794	.60307	1.6664	.54307

#1	2160.2	35645.	4012.5	100.99	2753.7
#2	2176.6	35654.	4046.9	103.40	2774.9

Sample Name: PB114238BS Acquired: 10/29/2018 15:19:31 Type: Unk
Method: P4-ICP2(v2527) 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	.77002	1.8558	.94654	1.9232	.78628	1.7778	.19339
Stddev	.02076	.0538	.03210	.0514	.02203	.0468	.00019
%RSD	2.6959	2.8978	3.3909	2.6702	2.8019	2.6302	.09668

#1	.75534	1.8178	.92384	1.8869	.77070	1.8108	.19326
#2	.78470	1.8938	.96923	1.9595	.80186	1.7447	.19352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18685	.18336	1.0045	.36156	.18734	.30191	2.7415
Stddev	.00674	.00548	.0079	.01228	.00553	.00851	.0524
%RSD	3.6086	2.9883	.79051	3.3956	2.9496	2.8190	1.9114

#1	.19162	.17948	1.0101	.37024	.18343	.29589	2.7044
#2	.18208	.18723	.99888	.35288	.19124	.30793	2.7785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19582	1.8266	.45518	.06417	2.6032	.26617	.19136
Stddev	.00654	.0126	.01149	.00172	.0139	.00833	.00647
%RSD	3.3419	.69055	2.5240	2.6769	.53277	3.1295	3.3806

#1	.20045	1.8176	.44706	.06538	2.5934	.27206	.18679
#2	.19119	1.8355	.46331	.06296	2.6130	.26028	.19594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2143	.37892	.27424	8.2326	.90789	.64548	.18978
Stddev	.0033	.01124	.00147	.2365	.00567	.01777	.00502
%RSD	.03546	2.9664	.53500	2.8731	.62452	2.7524	2.6469

#1	9.2120	.37097	.27321	8.0653	.90389	.63292	.18623
#2	9.2166	.38687	.27528	8.3998	.91190	.65804	.19333

Sample Name: PB114238BS Acquired: 10/29/2018 15:19:31 Type: Unk
 Method: P4-ICP2(v2527) 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	.18046	5.238	.18883	F<.00000	F<.00000
Stddev	.00205	.144	.00031	.42221	.78737
%RSD	1.1340	2.753	.16662	127.88	54.756

#1	.17902	5.136	.18905	-.03162	-1.9947
#2	.18191	5.340	.18861	-.62872	-.88120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.4	36389.	3905.9	98.642	2709.5
Stddev	42.3	1033.	8.1	2.640	57.5
%RSD	1.9692	2.8392	.20621	2.6762	2.1210

#1	2178.3	35659.	3911.6	100.51	2750.2
#2	2118.5	37120.	3900.3	96.775	2668.9

Sample Name: PB114240BL Acquired: 10/29/2018 15:23:24 Type: Unk
Method: P4-ICP2(v2527) 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	-.00198	-.00027	-.00156	.00145	-.00062	.00123	-.00077
Stddev	.00014	.00081	.00084	.00052	.00199	.00292	.00091
%RSD	6.9412	304.57	53.830	35.456	319.76	237.64	118.60

#1	-.00188	-.00084	-.00216	.00109	-.00203	.00329	-.00141
#2	-.00208	.00031	-.00097	.00182	.00078	-.00083	-.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00002	.01093	.00001	-.00010	.00001	-.00055
Stddev	.00001	.00004	.01223	.00032	.00031	.00021	.00779
%RSD	81.718	218.99	111.91	3160.9	305.00	1676.0	1420.4

#1	-.00002	.00004	.00228	-.00022	.00012	.00016	.00496
#2	-.00001	-.00001	.01957	.00024	-.00033	-.00013	-.00606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02259	.00054	.00039	-.63386	-.00003	-.00027
Stddev	.00004	.01770	.00008	.00034	.07329	.00045	.00001
%RSD	141.30	78.358	14.604	86.793	11.562	1801.5	4.3457

#1	-.00000	-.01007	.00060	.00063	-.68568	-.00034	-.00028
#2	-.00006	-.03510	.00048	.00015	-.58204	.00029	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.32678	.00025	-.00242	-.00176	-.00082	-.00090	-.00145
Stddev	.01276	.00001	.00248	.00209	.00201	.00059	.00109
%RSD	3.9060	4.2256	102.81	118.59	244.61	65.615	75.194

#1	-.31775	.00024	-.00417	-.00323	.00060	-.00048	-.00068
#2	-.33580	.00026	-.00066	-.00028	-.00224	-.00132	-.00222

Sample Name: PB114240BL Acquired: 10/29/2018 15:23:24 Type: Unk
Method: P4-ICP2(v2527) 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	F -.01011	.0013	-.00010	F .77366	F .50236
Stddev	.00017	.0011	.00009	.36121	.36855
%RSD	1.7063	82.63	87.515	46.688	73.364

#1	-.01023	.0005	-.00004	1.0291	.24176
#2	-.00999	.0021	-.00016	.51825	.76297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.5	34937.	3892.5	98.608	2762.9
Stddev	12.5	716.	90.7	.554	11.1
%RSD	.57579	2.0496	2.3293	.56172	.40136

#1	2159.6	34431.	3828.4	98.217	2755.0
#2	2177.3	35444.	3956.7	99.000	2770.7

Sample Name: PB113969BS Acquired: 10/29/2018 15:27:30 Type: Unk
Method: P4-ICP2(v2527) 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	.76209	1.8422	.93939	1.9132	.78194	1.8558	.19487
Stddev	.00559	.0002	.00037	.0048	.00053	.0288	.00821
%RSD	.73382	.01246	.03975	.24939	.06743	1.5518	4.2108

#1	.75814	1.8420	.93966	1.9166	.78157	1.8355	.18907
#2	.76605	1.8424	.93913	1.9098	.78232	1.8762	.20067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19200	.18236	1.0006	.36928	.18599	.30003	2.7199
Stddev	.00031	.00011	.0482	.00040	.00102	.00122	.1538
%RSD	.16261	.05781	4.8196	.10875	.54914	.40721	5.6527

#1	.19178	.18229	.96646	.36957	.18527	.30090	2.6112
#2	.19222	.18244	1.0347	.36900	.18671	.29917	2.8286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20092	1.8190	.45216	.06595	2.5934	.27190	.19086
Stddev	.00002	.0407	.00084	.00043	.1442	.00037	.00901
%RSD	.00783	2.2370	.18553	.65631	5.5598	.13455	4.7207

#1	.20093	1.7902	.45157	.06565	2.4914	.27165	.18449
#2	.20091	1.8478	.45276	.06626	2.6953	.27216	.19723

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2696	.37531	.28242	F 8.2172	.90477	.63966	.19344
Stddev	.3179	.00089	.00342	.0040	.02004	.00457	.00562
%RSD	3.4299	.23631	1.2123	.04919	2.2149	.71466	2.9052

#1	9.0448	.37593	.28000	8.2143	.89060	.64289	.18946
#2	9.4944	.37468	.28485	8.2200	.91894	.63643	.19741

Sample Name: PB113969BS Acquired: 10/29/2018 15:27:30 Type: Unk
Method: P4-ICP2(v2527) 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	.18278	F 5.207	.19066	F .52039	F<.00000
Stddev	.00543	.007	.00662	.04707	.00174
%RSD	2.9695	.1280	3.4707	9.0449	.11771

#1	.17895	5.202	.18598	.48711	-1.4806
#2	.18662	5.212	.19534	.55367	-1.4830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.1	35530.	3902.9	99.146	2732.6
Stddev	11.5	15.	106.8	4.131	3.7
%RSD	.53121	.04115	2.7359	4.1663	.13684

#1	2161.0	35519.	3978.4	102.07	2730.0
#2	2177.2	35540.	3827.4	96.225	2735.3

Sample Name: J5164-02 Acquired: 10/29/2018 15:35:25 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOQ Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04049	.08329	.02416	.04140	.11019	.20115	.20437	.01234	.01136
Stddev	.00120	.00028	.00077	.00148	.00031	.01291	.00215	.00020	.00023
%RSD	2.9732	.33047	3.1938	3.5754	.28426	6.4164	1.0508	1.5957	2.0514

#1	.04134	.08310	.02470	.04245	.10997	.19202	.20589	.01248	.01153
#2	.03964	.08349	.02361	.04036	.11041	.21027	.20285	.01220	.01120

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0058	.01968	.06402	.04180	.19393	.04399	3.9229	.08143	.01936
Stddev	.0409	.00010	.00058	.00046	.00293	.00038	.0271	.00128	.00024
%RSD	1.0209	.50265	.90214	1.1054	1.5118	.86875	.69098	1.5724	1.2499

#1	4.0347	.01961	.06443	.04212	.19600	.04426	3.9421	.08233	.01953
#2	3.9769	.01975	.06361	.04147	.19186	.04372	3.9037	.08052	.01919

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7846	.08200	.08359	3.6216	.39624	.19003	.03268	.77667	.08037
Stddev	.0494	.00132	.00152	.0607	.00416	.01027	.00015	.00927	.00035
%RSD	1.7725	1.6116	1.8131	1.6775	1.0501	5.4043	.46273	1.1935	.43165

#1	2.8195	.08293	.08466	3.6645	.39918	.19729	.03258	.78322	.08061
#2	2.7497	.08106	.08252	3.5786	.39330	.18277	.03279	.77011	.08012

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08268	.02879	.0358	.03910	.97011	.54026
Stddev	.00135	.00060	.0009	.00021	.21207	.01446
%RSD	1.6381	2.0784	2.552	.54049	21.860	2.6756

#1	.08364	.02922	.0364	.03925	1.1201	.53004
#2	.08173	.02837	.0351	.03895	.82016	.55048

Sample Name: J5164-02 Acquired: 10/29/2018 15:35:25 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOQ 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	2170.9	35366.	3975.6	99.958	2755.6
Stddev	29.7	413.	74.7	1.909	41.0
%RSD	1.3697	1.1668	1.8781	1.9100	1.4892
#1	2149.9	35074.	3922.8	98.608	2726.5
#2	2191.9	35658.	4028.4	101.31	2784.6

Sample Name: J5164-01 Acquired: 10/29/2018 15:40:21 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00426	.01154	.00275	.00591	.01414	.02129	.02706	.00173
Stddev	.00140	.00127	.00063	.00133	.00085	.00589	.00074	.00006
%RSD	32.869	10.981	22.983	22.563	6.0180	27.681	2.7190	3.6882

#1	.00525	.01065	.00320	.00497	.01354	.02546	.02654	.00168
#2	.00327	.01244	.00230	.00685	.01474	.01712	.02758	.00177

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.56344	.00297	.00853	.00516	.03566	.00604	.50463
Stddev	.00005	.03836	.00050	.00012	.00011	.00213	.00001	.03878
%RSD	3.1973	6.8074	16.804	1.4283	2.0934	5.9644	.09953	7.6841

#1	.00159	.59056	.00261	.00844	.00509	.03416	.00605	.53205
#2	.00166	.53632	.00332	.00862	.00524	.03717	.00604	.47721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01130	.00271	.60718	.01040	.01413	.20974	.05383	.01936
Stddev	.00046	.00030	.01145	.00039	.00007	.03251	.00055	.00161
%RSD	4.0964	10.893	1.8854	3.7902	.50988	15.501	1.0132	8.2911

#1	.01163	.00292	.59909	.01068	.01418	.23273	.05345	.01823
#2	.01097	.00250	.61528	.01013	.01407	.18675	.05422	.02050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	.13625	.00974	.00930	.00578	.0068	.00522	1.0859
Stddev	.00076	.00046	.00017	.00046	.00102	.0002	.00011	.3718
%RSD	30.721	.33986	1.7109	4.9265	17.592	3.149	2.1391	34.237

#1	.00299	.13592	.00986	.00898	.00506	.0066	.00530	.82304
#2	.00192	.13658	.00963	.00963	.00650	.0069	.00514	1.3488

Sample Name: J5164-01 Acquired: 10/29/2018 15:40:21 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOD Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .34239
%RSD 466.19

#1 -.31555
#2 .16866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.9	34692.	3867.6	98.838	2705.4
Stddev	7.6	19.	28.5	1.067	13.9
%RSD	.36081	.05587	.73613	1.0791	.51239

#1	2106.5	34678.	3887.8	98.083	2695.6
#2	2117.2	34706.	3847.5	99.592	2715.2

Sample Name: J5164-03 Acquired: 10/29/2018 15:44:24 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.01052	.00251	.00695	.01434	.01935	.02514	.00163	.00148
Stddev	.00381	.00004	.00031	.00042	.00308	.00532	.00359	.00017	.00001
%RSD	131.69	.38581	12.422	5.9890	21.467	27.509	14.279	10.509	.74114

#1	.00559	.01049	.00229	.00665	.01651	.01558	.02768	.00151	.00147
#2	.00020	.01055	.00273	.00724	.01216	.02311	.02261	.00175	.00149

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55237	.00262	.00806	.00512	.02468	.00579	.49196	.01110	.00254
Stddev	.06427	.00054	.00037	.00018	.01295	.00047	.04939	.00049	.00038
%RSD	11.636	20.671	4.6063	3.5328	52.448	8.0943	10.040	4.3832	14.790

#1	.59782	.00223	.00780	.00524	.03384	.00545	.52689	.01076	.00281
#2	.50693	.00300	.00833	.00499	.01553	.00612	.45704	.01145	.00228

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59852	.01006	.01690	.17176	.05041	.01777	.00205	.13259	.00856
Stddev	.22882	.00053	.00202	.01269	.00003	.00282	.00375	.02085	.00058
%RSD	38.230	5.2547	11.963	7.3888	.06516	15.888	183.04	15.722	6.8111

#1	.76031	.00969	.01833	.18073	.05039	.01977	.00470	.14733	.00897
#2	.43672	.01044	.01547	.16278	.05043	.01578	-.00060	.11785	.00814

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00963	.00192	.0068	.00510	.11446	.28191
Stddev	.00321	.00292	.0001	.00055	1.1455	.32311
%RSD	33.300	152.18	.9811	10.805	1000.8	114.61

#1	.01190	.00398	.0069	.00549	-.69555	.51039
#2	.00736	-.00015	.0068	.00471	.92447	.05344

Sample Name: J5164-03 Acquired: 10/29/2018 15:44:24 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MDL 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	2175.6	36306.	3907.9	97.729	2791.3
Stddev	9.7	2415.	454.8	10.789	13.0
%RSD	.44470	6.6504	11.638	11.040	.46696
#1	2168.8	38014.	3586.3	90.100	2782.1
#2	2182.5	34599.	4229.5	105.36	2800.5

Sample Name: J5164-07 Acquired: 10/29/2018 15:52:30 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00505	.01047	.00185	.00485	.01190	.03325	.02755	.00168	.00139
Stddev	.00198	.00076	.00001	.00397	.00155	.00823	.00182	.00006	.00012
%RSD	39.269	7.2339	.37069	81.903	12.982	24.751	6.6196	3.8114	8.5432
#1	.00365	.01100	.00186	.00204	.01299	.02743	.02626	.00164	.00148
#2	.00646	.00993	.00185	.00765	.01081	.03907	.02884	.00173	.00131
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59561	.00287	.00752	.00469	.02084	.00618	.50959	.01026	.00267
Stddev	.04002	.00015	.00014	.00032	.00634	.00040	.03955	.00002	.00084
%RSD	6.7196	5.1712	1.8458	6.8763	30.415	6.4747	7.7602	.18779	31.414
#1	.56731	.00277	.00742	.00446	.01636	.00590	.48163	.01024	.00208
#2	.62391	.00298	.00762	.00492	.02532	.00647	.53755	.01027	.00326
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68645	.01034	.01727	.18696	.04728	.01932	.00432	.13822	.00870
Stddev	.12187	.00031	.00090	.01462	.00043	.00175	.00094	.00618	.00001
%RSD	17.753	3.0161	5.2233	7.8179	.91436	9.0396	21.883	4.4678	.07427
#1	.60028	.01012	.01663	.17662	.04698	.01809	.00499	.13385	.00869
#2	.77262	.01057	.01791	.19729	.04759	.02056	.00365	.14258	.00870
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.01154	.00484	.0067	.00535	1.4949	.88931			
Stddev	.00132	.00287	.0018	.00032	1.3751	.19548			
%RSD	11.475	59.262	26.65	5.9638	91.986	21.981			
#1	.01060	.00281	.0054	.00513	.52256	.75109			
#2	.01247	.00688	.0079	.00558	2.4672	1.0275			

Sample Name: J5164-07 Acquired: 10/29/2018 15:52:30 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.9	34561.	3739.4	95.154	2940.1
Stddev	1.2	1909.	200.3	4.732	2.9
%RSD	.05334	5.5240	5.3552	4.9727	.09696
#1	2288.8	35911.	3881.0	98.500	2942.1
#2	2287.0	33211.	3597.8	91.808	2938.1

Sample Name: CCV03 Acquired: 10/29/2018 15:56:34 Type: Unk
Method: P4-ICP2(v2527) 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	4.8341	4.5731	4.7797	4.7443	4.9015	10.086	10.130	.24403
Stddev	.1079	.1023	.0942	.1214	.1182	.078	.901	.00023
%RSD	2.2310	2.2369	1.9711	2.5579	2.4122	.77204	8.8976	.09469
#1	4.9104	4.6454	4.8463	4.8301	4.9851	10.141	10.767	.24419
#2	4.7578	4.5007	4.7131	4.6585	4.8179	10.031	9.4928	.24387
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3114	25.618	.93067	2.3505	1.1842	4.8164	2.4426	24.383
Stddev	.0491	1.988	.00258	.0495	.0285	.4006	.0028	1.961
%RSD	2.1259	7.7622	.27732	2.1065	2.4043	8.3181	.11312	8.0410
#1	2.3461	27.024	.93250	2.3855	1.2044	5.0997	2.4407	25.769
#2	2.2766	24.212	.92885	2.3155	1.1641	4.5331	2.4446	22.997
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2613	1.1553	23.958	2.2614	2.4585	25.033	4.6166	4.8873
Stddev	.0510	.0002	2.218	.0065	.1692	2.266	.1116	.3947
%RSD	2.2544	.01619	9.2585	.28862	6.8814	9.0516	2.4167	8.0769
#1	2.2973	1.1554	25.526	2.2568	2.5781	26.636	4.6955	5.1664
#2	2.2252	1.1552	22.389	2.2660	2.3389	23.431	4.5377	4.6081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5024	4.9801	4.6631	5.0173	5.0149	4.581	4.9599	F 3.2545
Stddev	.1167	.3464	.0920	.4120	.4430	.090	.4449	.5322
%RSD	2.5909	6.9555	1.9729	8.2114	8.8346	1.960	8.9699	16.353
#1	4.5849	5.2250	4.7281	5.3086	5.3281	4.644	5.2745	2.8782
#2	4.4199	4.7351	4.5980	4.7260	4.7016	4.517	4.6453	3.6308

Sample Name: CCV03 Acquired: 10/29/2018 15:56:34 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2029
Stddev .4286
%RSD 19.457

#1 2.5060
#2 1.8998

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.7	33919.	3684.1	90.588	2527.9
Stddev	47.8	53.	264.8	6.213	54.4
%RSD	2.2688	.15563	7.1879	6.8581	2.1537

#1	2071.0	33957.	3496.9	86.195	2489.4
#2	2138.5	33882.	3871.4	94.981	2566.4

Sample Name: CCB03 Acquired: 10/29/2018 16:00:19 Type: Unk
Method: P4-ICP2(v2527) 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	-.00143	-.00052	-.00081	.00260	-.00046	.00584	-.00133	.00003
Stddev	.00165	.00033	.00028	.00115	.00063	.00376	.00066	.00001
%RSD	115.31	64.684	34.160	44.260	136.24	64.348	49.479	48.122
#1	-.00026	-.00028	-.00101	.00179	-.00002	.00318	-.00087	.00004
#2	-.00260	-.00075	-.00062	.00341	-.00091	.00850	-.00180	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00511	.00033	-.00011	-.00031	-.00428	.00002	-.01215
Stddev	.00008	.00356	.00039	.00003	.00040	.00460	.00001	.03738
%RSD	380.59	69.768	117.99	29.784	131.82	107.60	57.486	307.56
#1	-.00004	.00762	.00005	-.00013	-.00059	-.00753	.00001	.01428
#2	.00008	.00259	.00060	-.00009	-.00002	-.00102	.00003	-.03858
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00018	-.49370	-.00044	-.00019	-.32825	.00065	.00215
Stddev	.00059	.00025	.00388	.00014	.00006	.00141	.00011	.00012
%RSD	82.849	143.60	.78513	32.366	32.596	.42867	16.724	5.3997
#1	.00029	.00035	-.49095	-.00054	-.00023	-.32726	.00058	.00206
#2	.00113	-.00000	-.49644	-.00034	-.00014	-.32925	.00073	.00223
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	.00069	-.00055	-.00063	-.00922	.0034	.00001	F .23840
Stddev	.00589	.00399	.00002	.00110	.00022	.0011	.00003	1.2486
%RSD	441.51	581.43	3.4268	174.60	2.3704	33.58	227.62	523.73
#1	.00283	.00351	-.00054	-.00140	-.00907	.0026	-.00001	1.1213
#2	-.00549	-.00214	-.00056	.00015	-.00938	.0042	.00004	-.64448

Sample Name: CCB03 Acquired: 10/29/2018 16:00:19 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .75866
Stddev	.60148
%RSD	79.282

#1	1.1840
#2	.33335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.5	36820.	3925.2	101.25	2795.5
Stddev	11.4	1568.	80.0	1.49	12.1
%RSD	.52100	4.2575	2.0390	1.4724	.43208

#1	2185.5	35712.	3868.6	100.20	2787.0
#2	2201.6	37929.	3981.8	102.31	2804.1

Sample Name: PB114217BL Acquired: 10/29/2018 16:04:23 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114217BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00039	-.00181	.00241	-.00136	.00744	-.00109	.00006
Stddev	.00027	.00038	.00047	.00380	.00032	.00554	.00019	.00002
%RSD	282.92	96.643	25.757	157.50	23.666	74.480	17.644	42.797

#1	-.00029	.00066	-.00214	-.00027	-.00114	.01136	-.00122	.00004
#2	.00010	.00012	-.00148	.00510	-.00159	.00352	-.00095	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02991	.00039	-.00010	-.00028	-.00590	.00016	-.03365
Stddev	.00011	.00477	.00001	.00008	.00018	.00700	.00001	.01850
%RSD	1386.7	15.954	2.8233	76.961	64.598	118.60	5.5640	54.963

#1	.00008	.03329	.00040	-.00004	-.00015	-.01086	.00016	-.02057
#2	-.00007	.02654	.00038	-.00015	-.00041	-.00095	.00015	-.04673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	.00005	-.20467	-.00037	-.00010	-.33181	.00002	-.00378
Stddev	.00018	.00005	.00943	.00009	.00019	.03184	.00009	.00159
%RSD	24.937	93.419	4.6066	23.094	195.94	9.5945	531.34	42.186

#1	.00085	.00008	-.21133	-.00031	.00004	-.35432	-.00005	-.00491
#2	.00059	.00002	-.19800	-.00043	-.00024	-.30930	.00008	-.00265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01090	.00094	-.00037	-.00127	-.01100	.0023	-.00009	<.00000
Stddev	.00655	.00065	.00059	.00104	.00011	.0010	.00005	.86886
%RSD	60.121	68.940	158.38	81.618	1.0288	44.96	62.099	340.37

#1	.01553	.00140	.00004	-.00200	-.01092	.0015	-.00005	.35911
#2	.00626	.00048	-.00079	-.00054	-.01108	.0030	-.00012	-.86964

Sample Name: PB114217BL Acquired: 10/29/2018 16:04:23 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114217BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .29954
 Stddev .02035
 %RSD 6.7939

#1 .31393
 #2 .28515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.7	36908.	3965.2	101.73	2773.6
Stddev	1.3	1468.	5.0	3.16	.6
%RSD	.06078	3.9784	.12669	3.1046	.02252

#1	2174.8	35869.	3968.7	99.500	2773.1
#2	2176.6	37946.	3961.6	103.97	2774.0

Sample Name: PB114217BS Acquired: 10/29/2018 16:08:28 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114217BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74090	1.7836	.91452	1.8569	.75572	1.8464	.18697
Stddev	.00302	.0121	.00039	.0038	.00198	.0453	.00041
%RSD	.40707	.68101	.04272	.20507	.26266	2.4511	.22027

#1	.73877	1.7750	.91480	1.8542	.75432	1.8144	.18726
#2	.74303	1.7922	.91424	1.8596	.75712	1.8784	.18668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19081	.17701	.98390	.36558	.18025	.29127	2.6529
Stddev	.00738	.00044	.00101	.01146	.00002	.00036	.0498
%RSD	3.8703	.25026	.10296	3.1338	.01170	.12250	1.8752

#1	.18559	.17670	.98319	.35748	.18026	.29152	2.6177
#2	.19603	.17732	.98462	.37368	.18023	.29101	2.6880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19977	1.7961	.43807	.06594	2.4147	.26998	.18959
Stddev	.00751	.0591	.00039	.00210	.0076	.01071	.00425
%RSD	3.7572	3.2923	.08879	3.1776	.31552	3.9664	2.2415

#1	.19446	1.8379	.43835	.06446	2.4200	.26241	.18659
#2	.20508	1.7543	.43780	.06742	2.4093	.27755	.19260

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9694	.36556	.27216	9.3769	.88844	.61737	.18572
Stddev	.0766	.00176	.00231	.0306	.00523	.00171	.00027
%RSD	.85458	.48097	.84915	.32601	.58872	.27740	.14647

#1	9.0236	.36432	.27053	9.3553	.88474	.61615	.18591
#2	8.9152	.36680	.27380	9.3985	.89214	.61858	.18553

Sample Name: PB114217BS Acquired: 10/29/2018 16:08:28 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114217BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17607	5.019	.18216	.82110	F<.00000
Stddev	.00080	.017	.00051	.82457	.27842
%RSD	.45218	.3405	.27727	100.42	15.327

#1	.17663	5.007	.18252	.23805	-2.0134
#2	.17551	5.031	.18180	1.4042	-1.6197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.5	35240.	3914.4	97.492	2762.5
Stddev	8.1	1127.	6.2	1.473	6.7
%RSD	.37056	3.1966	.15897	1.5110	.24359

#1	2171.8	36037.	3910.0	98.533	2757.7
#2	2183.2	34444.	3918.8	96.450	2767.2

Sample Name: J5164-09 Acquired: 10/29/2018 16:12:21 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00414	.00980	.00320	.00670	.01288	.02977	.02510	.00163	.00154
Stddev	.00142	.00044	.00080	.00265	.00027	.00016	.00036	.00008	.00004
%RSD	34.299	4.4998	24.934	39.623	2.0570	.54643	1.4253	4.7982	2.3889
#1	.00314	.01012	.00263	.00858	.01270	.02989	.02535	.00158	.00151
#2	.00515	.00949	.00376	.00482	.01307	.02966	.02484	.00169	.00156
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54298	.00271	.00784	.00505	.03003	.00581	.48965	.01094	.00238
Stddev	.01117	.00021	.00020	.00018	.00403	.00005	.04320	.00000	.00052
%RSD	2.0563	7.6647	2.5545	3.4748	13.414	.92168	8.8223	.03286	21.729
#1	.55088	.00286	.00770	.00492	.03288	.00577	.52019	.01094	.00201
#2	.53509	.00256	.00798	.00517	.02719	.00585	.45910	.01094	.00274
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29335	.00959	.01403	.19405	.05007	.02633	.01402	.12847	.00968
Stddev	.00827	.00040	.00009	.02703	.00036	.00873	.00013	.00007	.00018
%RSD	2.8183	4.2040	.66494	13.928	.72238	33.159	.91837	.05515	1.8242
#1	.28751	.00930	.01396	.17494	.04982	.03251	.01393	.12852	.00980
#2	.29920	.00987	.01410	.21316	.05033	.02016	.01412	.12842	.00955
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.01005	.00482	.0078	.00509	.62619	.55061			
Stddev	.00055	.00047	.0008	.00006	.26089	.31761			
%RSD	5.4351	9.6466	9.689	1.2456	41.663	57.683			
#1	.00966	.00515	.0072	.00505	.44172	.77519			
#2	.01043	.00449	.0083	.00514	.81067	.32603			

Sample Name: J5164-09 Acquired: 10/29/2018 16:12:21 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.5	35796.	3957.6	102.27	2817.3
Stddev	4.8	33.	1.8	.03	.5
%RSD	.21955	.09358	.04451	.02881	.01773
#1	2188.9	35772.	3958.8	102.25	2817.6
#2	2182.1	35819.	3956.3	102.29	2816.9

Sample Name: J5164-08 Acquired: 10/29/2018 16:16:27 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03767	.08085	.02328	.04061	.10904	.20165	.19971	.01200	.01124
Stddev	.00272	.00110	.00131	.00119	.00195	.00640	.00056	.00001	.00013
%RSD	7.2110	1.3643	5.6329	2.9262	1.7890	3.1745	.27954	.06240	1.1595
#1	.03575	.08163	.02236	.03977	.10766	.20618	.19931	.01201	.01115
#2	.03959	.08007	.02421	.04145	.11041	.19713	.20010	.01200	.01134
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9681	.01855	.06272	.04046	.18761	.04304	3.9109	.07940	.01948
Stddev	.0431	.00013	.00031	.00076	.00824	.00009	.0127	.00105	.00013
%RSD	1.0872	.71328	.49527	1.8728	4.3945	.20182	.32398	1.3224	.67710
#1	3.9376	.01846	.06250	.03993	.19344	.04297	3.9199	.07866	.01957
#2	3.9986	.01865	.06294	.04100	.18178	.04310	3.9020	.08015	.01938
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5223	.07989	.08184	3.5577	.38710	.18583	.04520	.75940	.08059
Stddev	.0017	.00013	.00004	.0085	.00147	.01167	.00170	.00461	.00033
%RSD	.04904	.15839	.04669	.23938	.38040	6.2822	3.7542	.60749	.40722
#1	3.5210	.07998	.08181	3.5637	.38606	.19408	.04400	.75614	.08036
#2	3.5235	.07980	.08186	3.5516	.38815	.17757	.04640	.76266	.08082
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.07799	.02734	.0373	.03830	.86477	.43050			
Stddev	.00175	.00288	.0002	.00030	.26244	.60618			
%RSD	2.2431	10.550	.5243	.77418	30.348	140.81			
#1	.07676	.02530	.0372	.03809	1.0503	.85914			
#2	.07923	.02938	.0375	.03851	.67920	.00187			

Sample Name: J5164-08 Acquired: 10/29/2018 16:16:27 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.4	36032.	4070.1	101.52	2794.7
Stddev	3.7	118.	23.0	.25	2.1
%RSD	.16975	.32865	.56605	.24379	.07556
#1	2202.1	35948.	4053.8	101.34	2796.2
#2	2196.8	36115.	4086.4	101.69	2793.2

Sample Name: J5164-08RE Acquired: 10/29/2018 16:28:39 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03733	.08087	.02241	.03872	.10687	.19982	.19714	.01191	.01107
Stddev	.00073	.00167	.00141	.00239	.00500	.00099	.00075	.00011	.00051
%RSD	1.9624	2.0706	6.2792	6.1803	4.6826	.49439	.38043	.91345	4.5810
#1	.03681	.07968	.02142	.03703	.10333	.19912	.19661	.01199	.01071
#2	.03785	.08205	.02341	.04041	.11041	.20052	.19767	.01183	.01142
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9029	.01873	.06183	.03942	.17070	.04255	3.8287	.07769	.01900
Stddev	.0232	.00047	.00240	.00115	.00117	.00018	.0324	.00302	.00022
%RSD	.59475	2.5161	3.8858	2.9234	.68685	.41532	.84603	3.8815	1.1773
#1	3.8864	.01907	.06013	.03861	.16988	.04242	3.8058	.07556	.01916
#2	3.9193	.01840	.06353	.04024	.17153	.04267	3.8516	.07983	.01885
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4721	.07879	.07691	3.4845	.38042	.19081	.04193	.74214	.07790
Stddev	.0126	.00018	.00068	.0217	.01477	.00429	.00702	.00240	.00382
%RSD	.36398	.22502	.88942	.62366	3.8835	2.2470	16.741	.32382	4.9047
#1	3.4632	.07867	.07643	3.4692	.36998	.19384	.03697	.74384	.07520
#2	3.4811	.07892	.07739	3.4999	.39087	.18777	.04690	.74045	.08060
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.07981	.02845	.0352	.03757	.53171	.47866			
Stddev	.00209	.00088	.0017	.00006	.05725	.82222			
%RSD	2.6237	3.0781	4.943	.15814	10.767	171.78			
#1	.08129	.02907	.0340	.03762	.57219	-.10274			
#2	.07833	.02783	.0364	.03753	.49123	1.0601			

Sample Name: J5164-08RE Acquired: 10/29/2018 16:28:39 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.3	36292.	4144.2	107.16	2826.4
Stddev	63.5	101.	23.2	.30	90.9
%RSD	2.8539	.27737	.55988	.28043	3.2162
#1	2269.1	36221.	4127.8	106.95	2890.6
#2	2179.4	36363.	4160.6	107.38	2762.1

Sample Name: PB114273BL Acquired: 10/29/2018 16:48:42 Type: Unk
Method: P4-ICP2(v2527) 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	-.00342	-.00044	-.00143	.00080	.00008	.00376	-.00143
Stddev	.00040	.00139	.00095	.00006	.00237	.00642	.00037
%RSD	11.836	318.05	66.652	7.7272	2906.0	170.70	26.188

#1	-.00313	-.00142	-.00210	.00076	-.00160	.00830	-.00116
#2	-.00370	.00054	-.00076	.00084	.00176	-.00078	-.00169

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00007	.01874	-.00008	-.00023	-.00001	.00471
Stddev	.00008	.00007	.01420	.00002	.00036	.00036	.00714
%RSD	124.35	102.37	75.784	25.140	153.11	2666.7	151.67

#1	.00001	.00002	.02878	-.00009	-.00048	.00024	-.00034
#2	.00012	.00012	.00870	-.00006	.00002	-.00027	.00976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00446	.00078	-.00030	-.42340	-.00039	.00005
Stddev	.00004	.03160	.00016	.00028	.00631	.00014	.00008
%RSD	42.410	709.00	19.800	92.041	1.4901	35.410	166.03

#1	.00007	.02680	.00067	-.00050	-.42786	-.00029	.00011
#2	.00013	-.01789	.00089	-.00011	-.41894	-.00049	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.33940	.00040	-.00861	-.00133	-.00030	-.00059	.00032
Stddev	.01739	.00026	.00292	.00063	.00078	.00057	.00053
%RSD	5.1227	65.596	33.926	47.432	260.52	96.622	166.84

#1	-.32711	.00022	-.01067	-.00088	.00025	-.00019	.00070
#2	-.35170	.00059	-.00654	-.00177	-.00086	-.00100	-.00006

Sample Name: PB114273BL Acquired: 10/29/2018 16:48:42 Type: Unk
Method: P4-ICP2(v2527) 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	F -.01171	.0019	.00001	F .01838	F .68681
Stddev	.00150	.0009	.00013	.02498	.03409
%RSD	12.802	44.90	1474.5	135.92	4.9628

#1	-.01065	.0025	.00010	.03604	.66271
#2	-.01277	.0013	-.00008	.00071	.71091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.9	36724.	4085.6	104.03	2843.7
Stddev	7.3	91.	18.0	3.49	7.0
%RSD	.32802	.24834	.44149	3.3531	.24721

#1	2210.7	36660.	4072.9	101.57	2838.8
#2	2221.0	36789.	4098.4	106.50	2848.7

Sample Name: PB114236BS Acquired: 10/29/2018 16:52:46 Type: Unk
Method: P4-ICP2(v2527) 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	.74804	1.7880	.92027	1.8671	.76847	1.8245	.18774
Stddev	.00355	.0010	.00046	.0037	.00457	.0075	.00019
%RSD	.47460	.05356	.05010	.19761	.59518	.41336	.10188

#1	.75055	1.7874	.91995	1.8697	.77170	1.8299	.18761
#2	.74553	1.7887	.92060	1.8645	.76523	1.8192	.18788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18772	.17749	.94219	.35539	.18096	.29218	2.5644
Stddev	.00189	.00005	.02340	.00199	.00012	.00102	.0080
%RSD	1.0059	.03056	2.4834	.56061	.06370	.34851	.31365

#1	.18639	.17753	.92565	.35398	.18104	.29290	2.5587
#2	.18906	.17745	.95874	.35680	.18088	.29146	2.5701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19583	1.7517	.43878	.06448	2.4904	.26228	.18116
Stddev	.00079	.0742	.00078	.00049	.0341	.00315	.00108
%RSD	.40347	4.2380	.17680	.75913	1.3699	1.1996	.59725

#1	.19527	1.8042	.43933	.06413	2.4663	.26006	.18040
#2	.19639	1.6992	.43823	.06482	2.5145	.26450	.18193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9142	.36575	.26610	8.6455	.87512	.62305	.18401
Stddev	.0171	.00118	.00466	.0223	.00037	.00045	.00224
%RSD	.19176	.32217	1.7504	.25749	.04252	.07186	1.2158

#1	8.9263	.36658	.26281	8.6612	.87538	.62337	.18243
#2	8.9021	.36492	.26940	8.6297	.87486	.62274	.18559

Sample Name: PB114236BS Acquired: 10/29/2018 16:52:46 Type: Unk
Method: P4-ICP2(v2527) 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	.17534	5.055	.18294	F<.00000	F<.00000
Stddev	.00080	.012	.00042	.31230	.02714
%RSD	.45852	.2321	.23182	74.479	1.8671
#1	.17477	5.063	.18324	-.64013	-1.4726
#2	.17591	5.047	.18264	-.19848	-1.4342
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.2	36696.	4102.0	104.82	2813.5
Stddev	2.0	69.	10.2	.87	1.9
%RSD	.08901	.18688	.24901	.82637	.06871
#1	2218.8	36744.	4109.2	105.43	2814.9
#2	2221.6	36647.	4094.8	104.21	2812.1

Sample Name: J5164-07RE Acquired: 10/29/2018 17:00:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	.01147	.00300	.00560	.01430	.03392	.02547	.00163	.00163
Stddev	.00188	.00076	.00050	.00156	.00047	.00002	.00002	.00001	.00010
%RSD	90.868	6.6510	16.599	27.787	3.2730	.07020	.09217	.62411	6.3059
#1	.00340	.01093	.00265	.00450	.01463	.03394	.02549	.00163	.00170
#2	.00074	.01201	.00335	.00670	.01397	.03390	.02545	.00162	.00155
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54676	.00233	.00815	.00512	.02897	.00591	.50900	.01082	.00240
Stddev	.00756	.00002	.00028	.00005	.00456	.00008	.04481	.00042	.00009
%RSD	1.3819	.86491	3.4409	.98501	15.727	1.4032	8.8030	3.8876	3.8451
#1	.54142	.00232	.00835	.00515	.03219	.00597	.47732	.01052	.00234
#2	.55210	.00234	.00795	.00508	.02575	.00585	.54069	.01112	.00247
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56063	.01018	.01363	.20184	.05110	.01826	.00416	.12929	.01035
Stddev	.00817	.00021	.00046	.01526	.00013	.00456	.00028	.00119	.00068
%RSD	1.4575	2.0219	3.3880	7.5597	.25152	24.971	6.6978	.92356	6.5499
#1	.55485	.01003	.01330	.21263	.05120	.01504	.00396	.13013	.00987
#2	.56640	.01033	.01395	.19105	.05101	.02149	.00435	.12844	.01083
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.00919	.00179	.0089	.00513	.66335	.42651			
Stddev	.00299	.00060	.0002	.00005	.29172	.86799			
%RSD	32.566	33.672	2.680	1.0645	43.976	203.51			
#1	.00707	.00136	.0090	.00509	.45708	-.18725			
#2	.01130	.00222	.0087	.00517	.86963	1.0403			

Sample Name: J5164-07RE Acquired: 10/29/2018 17:00:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.5	35581.	3995.7	102.45	2771.7
Stddev	9.7	129.	18.8	2.73	11.9
%RSD	.45207	.36377	.47138	2.6629	.42763
#1	2145.7	35489.	3982.4	104.38	2763.3
#2	2159.4	35672.	4009.0	100.53	2780.1

Sample Name: J5164-09RE Acquired: 10/29/2018 17:04:46 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00548	.00984	.00274	.00721	.01295	.02271	.02463	.00151	.00155
Stddev	.00172	.00028	.00090	.00272	.00008	.00002	.00002	.00012	.00004
%RSD	31.380	2.8633	32.955	37.778	.61303	.07609	.07323	7.7291	2.8899

#1	.00426	.01004	.00338	.00528	.01301	.02270	.02465	.00143	.00151
#2	.00670	.00964	.00210	.00914	.01289	.02273	.02462	.00159	.00158

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51975	.00206	.00795	.00498	.02370	.00571	.50139	.01092	.00273
Stddev	.00425	.00024	.00003	.00034	.01304	.00005	.03096	.00036	.00038
%RSD	.81737	11.683	.43474	6.7512	55.025	.83226	6.1738	3.2736	13.866

#1	.52275	.00224	.00797	.00474	.01448	.00568	.52328	.01117	.00246
#2	.51674	.00189	.00792	.00521	.03291	.00574	.47950	.01067	.00300

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47840	.00995	.01314	.17271	.04959	.01468	.00229	.12108	.00884
Stddev	.01117	.00017	.00031	.01137	.00043	.00471	.00274	.00104	.00074
%RSD	2.3350	1.6638	2.3672	6.5841	.85989	32.100	119.66	.85487	8.3969

#1	.47050	.00983	.01292	.18075	.04989	.01135	.00035	.12182	.00832
#2	.48630	.01006	.01336	.16467	.04929	.01801	.00422	.12035	.00937

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00767	.00136	.0070	.00489	.04715	.50433
Stddev	.00221	.00009	.0003	.00001	.12527	.38319
%RSD	28.829	6.6334	4.699	.23222	265.69	75.979

#1	.00611	.00130	.0068	.00488	-.04143	.77529
#2	.00923	.00143	.0073	.00490	.13573	.23338

Sample Name: J5164-09RE Acquired: 10/29/2018 17:04:46 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2211.1	36546.	4100.0	105.06	2848.9
Stddev	13.7	7.	20.5	.95	8.3
%RSD	.62065	.01947	.49920	.90863	.29149
#1	2201.4	36541.	4114.5	105.73	2843.0
#2	2220.8	36551.	4085.6	104.38	2854.8

Sample Name: PB113969BL Acquired: 10/29/2018 17:08:50 Type: Unk
Method: P4-ICP2(v2527) 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	-.00469	.00013	-.00057	-.00090	-.00114	.00566	-.00178	.00008
Stddev	.00183	.00032	.00017	.00039	.00058	.00800	.00015	.00005
%RSD	38.928	242.64	29.309	43.786	50.760	141.29	8.6395	63.483
#1	-.00340	-.00009	-.00069	-.00118	-.00154	.00001	-.00189	.00004
#2	-.00598	.00035	-.00045	-.00062	-.00073	.01132	-.00168	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00865	.00030	-.00029	-.00009	.01067	.00006	-.00953
Stddev	.00001	.01667	.00036	.00027	.00024	.00576	.00000	.00207
%RSD	34.189	192.65	118.61	91.459	262.62	53.992	.75449	21.696
#1	.00002	-.00313	.00005	-.00048	.00008	.01475	.00006	-.00807
#2	.00003	.02044	.00055	-.00010	-.00026	.00660	.00006	-.01099
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00002	.04147	-.00018	.00037	-.30705	.00036	-.00085
Stddev	.00005	.00033	.03266	.00007	.00005	.01213	.00022	.00290
%RSD	4.7989	1509.3	78.754	35.255	12.628	3.9489	62.374	340.16
#1	.00092	.00021	.06456	-.00014	.00034	-.29848	.00052	.00120
#2	.00098	-.00025	.01838	-.00023	.00041	-.31563	.00020	-.00291
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	.00134	-.00116	-.00121	-.00990	.0040	-.00000	F .24099
Stddev	.00051	.00136	.00181	.00017	.00045	.0015	.00007	.58883
%RSD	24.382	101.78	156.55	13.803	4.5509	36.33	11460.	244.34
#1	-.00243	.00230	.00012	-.00133	-.01022	.0050	.00005	.65735
#2	-.00171	.00038	-.00244	-.00109	-.00958	.0030	-.00005	-.17538

Sample Name: PB113969BL Acquired: 10/29/2018 17:08:50 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .58835
Stddev	.22429
%RSD	38.123

#1	.74694
#2	.42975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.7	36427.	4029.2	102.12	2835.8
Stddev	.1	169.	113.2	1.86	1.9
%RSD	.00578	.46474	2.8090	1.8235	.06632

#1	2216.8	36308.	3949.1	100.80	2837.1
#2	2216.6	36547.	4109.2	103.43	2834.5

Sample Name: CCV04 Acquired: 10/29/2018 17:30:01 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2376	4.8906	5.1427	5.1160	5.3106	10.532	9.9924	.25643
Stddev	.0414	.0454	.0539	.0547	.0707	.007	.0191	.00001
%RSD	.79127	.92933	1.0491	1.0693	1.3318	.06473	.19158	.00467
#1	5.2669	4.9228	5.1809	5.1546	5.3606	10.537	9.9789	.25642
#2	5.2083	4.8585	5.1046	5.0773	5.2606	10.527	10.006	.25644
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4810	24.923	.96987	2.5280	1.2751	4.5947	2.5532	23.647
Stddev	.0262	.052	.00316	.0297	.0157	.0568	.0019	.146
%RSD	1.0540	.21066	.32599	1.1758	1.2322	1.2366	.07304	.61603
#1	2.4995	24.960	.96763	2.5490	1.2862	4.6349	2.5545	23.750
#2	2.4625	24.886	.97210	2.5070	1.2640	4.5545	2.5519	23.544
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4150	1.2137	23.367	2.3498	2.3701	24.628	4.9265	4.7619
Stddev	.0222	.0007	.006	.0018	.0360	.045	.0590	.0277
%RSD	.92136	.05902	.02684	.07754	1.5181	.18278	1.1978	.58229
#1	2.4308	1.2132	23.362	2.3511	2.3956	24.596	4.9682	4.7815
#2	2.3993	1.2142	23.371	2.3485	2.3447	24.660	4.8848	4.7423
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6793	4.9106	5.0011	4.9181	4.9141	4.934	4.8677	F 2.4828
Stddev	.0678	.0005	.0732	.0118	.0186	.039	.0079	.1964
%RSD	1.4485	.00983	1.4633	.24091	.37817	.7907	.16267	7.9095
#1	4.7272	4.9109	5.0529	4.9097	4.9010	4.962	4.8621	2.3439
#2	4.6313	4.9102	4.9494	4.9264	4.9272	4.907	4.8733	2.6216

Sample Name: CCV04 Acquired: 10/29/2018 17:30:01 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3917
Stddev .0022
%RSD .09072

#1 2.3932
#2 2.3901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.7	34718.	4033.1	100.81	2528.6
Stddev	24.4	136.	13.7	1.60	27.9
%RSD	1.1585	.39109	.33870	1.5848	1.1039

#1	2085.4	34622.	4023.4	99.683	2508.8
#2	2119.9	34814.	4042.7	101.94	2548.3

Sample Name: CCB04 Acquired: 10/29/2018 17:39:32 Type: Unk
Method: P4-ICP2(v2527) 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	-.00038	.00005	-.00062	.00350	.00061	-.00138	-.00167	.00001
Stddev	.00256	.00128	.00107	.00043	.00074	.00058	.00038	.00005
%RSD	681.60	2621.8	174.15	12.351	119.71	42.079	22.818	663.99
#1	-.00219	-.00086	.00014	.00380	.00009	-.00180	-.00194	.00004
#2	.00143	.00096	-.00137	.00319	.00113	-.00097	-.00140	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00722	.00002	-.00006	-.00002	-.01074	-.00008	-.03804
Stddev	.00003	.00887	.00046	.00024	.00019	.00611	.00006	.05663
%RSD	86.404	122.83	1913.3	404.67	949.73	56.916	66.800	148.88
#1	-.00006	.01349	-.00030	-.00023	-.00016	-.00642	-.00012	.00201
#2	-.00001	.00095	.00035	.00011	.00012	-.01506	-.00004	-.07808
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00023	-.42017	-.00051	-.00111	-.31315	.00019	-.00385
Stddev	.00004	.00001	.00105	.00024	.00004	.00606	.00019	.00428
%RSD	6.5239	5.9328	.25042	46.358	3.3266	1.9342	100.34	111.16
#1	.00057	-.00022	-.41942	-.00067	-.00108	-.30887	.00032	-.00082
#2	.00062	-.00024	-.42091	-.00034	-.00114	-.31744	.00005	-.00688
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	.00183	-.00134	-.00183	-.00301	.0007	-.00010	F .26220
Stddev	.00120	.00156	.00019	.00108	.00116	.0002	.00004	.11154
%RSD	27.739	85.303	13.866	58.907	38.461	32.21	34.624	42.539
#1	-.00517	.00294	-.00147	-.00259	-.00219	.0006	-.00008	.18333
#2	-.00347	.00073	-.00121	-.00107	-.00383	.0009	-.00013	.34107

Sample Name: CCB04 Acquired: 10/29/2018 17:39:32 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .65076
Stddev	.56696
%RSD	87.122

#1	1.0517
#2	.24986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.2	36226.	4090.6	103.37	2793.9
Stddev	19.3	10.	23.1	3.02	23.6
%RSD	.88094	.02895	.56384	2.9187	.84506

#1	2171.6	36234.	4074.3	101.23	2777.2
#2	2198.8	36219.	4106.9	105.50	2810.6

Sample Name: J5204-15 Acquired: 10/29/2018 17:47:29 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-102518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03524	-.02495	.32211	-.01339	.00757	158.61	.73945
Stddev	.00422	.00131	.00186	.00735	.00223	.03	.00046
%RSD	11.985	5.2674	.57861	54.870	29.436	.01936	.06153

#1	.03823	-.02588	.32079	-.00819	.00599	158.59	.73913
#2	.03225	-.02402	.32343	-.01858	.00914	158.63	.73977

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	.00856	31.710	.20671	.19867	.41812	433.60
Stddev	.00019	.00135	.016	.00072	.00046	.00216	13.76
%RSD	2.9353	15.752	.05110	.34760	.23250	.51603	3.1743

#1	.00668	.00761	31.722	.20620	.19835	.41659	443.33
#2	.00641	.00952	31.699	.20722	.19900	.41964	423.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4635	42.039	.28366	.00681	5.0869	.67323	1.0412
Stddev	.0170	.414	.00155	.00131	.0147	.00111	.0314
%RSD	.20048	.98542	.54557	19.269	.28899	.16420	3.0161

#1	8.4755	41.746	.28475	.00774	5.0765	.67401	1.0634
#2	8.4515	42.332	.28256	.00589	5.0973	.67245	1.0189

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0350	.00266	.15772	2.3591	3.8303	.02216	4.4351
Stddev	.0147	.00022	.02303	.0046	.0240	.00016	.0015
%RSD	.18297	8.1999	14.604	.19431	.62743	.73991	.03379

#1	8.0246	.00250	.17401	2.3624	3.8133	.02205	4.4341
#2	8.0454	.00281	.14144	2.3559	3.8473	.02228	4.4362

Sample Name: J5204-15 Acquired: 10/29/2018 17:47:29 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-102518 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16631	8.472	.14572	<.00000	F<.00000
Stddev	.00018	.031	.00042	.84690	.74566
%RSD	.10715	.3638	.29093	2.5120	.91738

#1	.16618	8.494	.14542	-34.313	-81.809
#2	.16644	8.450	.14602	-33.115	-80.755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.7	46856.	5627.8	97.244	2407.7
Stddev	.2	66.	19.4	3.012	6.2
%RSD	.00617	.14060	.34395	3.0975	.25957

#1	2833.6	46903.	5641.5	95.114	2403.3
#2	2833.8	46810.	5614.1	99.374	2412.1

Sample Name: J5205-05 Acquired: 10/29/2018 17:51:33 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-102518 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06824	-.01525	.27655	-.01981	.00818	168.75	.59213
Stddev	.00077	.00125	.00867	.00810	.00036	1.67	.02481
%RSD	1.1344	8.1935	3.1336	40.875	4.3983	.98678	4.1896

#1	.06878	-.01613	.28268	-.02553	.00843	167.57	.57458
#2	.06769	-.01437	.27042	-.01408	.00792	169.93	.60967

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00599	.00345	51.696	.19431	.12375	.28671	322.57
Stddev	.00002	.00196	2.191	.00230	.00021	.00283	14.65
%RSD	.29326	56.656	4.2381	1.1831	.16806	.98813	4.5418

#1	.00598	.00483	50.147	.19593	.12390	.28871	312.22
#2	.00601	.00207	53.245	.19268	.12360	.28470	332.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3884	37.028	.17199	-.00056	1.1097	.38763	.69349
Stddev	.0046	1.472	.00071	.00165	.1098	.00135	.02622
%RSD	.13508	3.9765	.41301	294.25	9.8910	.34784	3.7813

#1	3.3852	35.987	.17249	-.00173	1.0321	.38858	.67495
#2	3.3916	38.069	.17149	.00061	1.1873	.38667	.71204

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9747	.00284	.10613	1.9357	9.3221	.01478	1.6622
Stddev	.2896	.00048	.00488	.0056	.2751	.00003	.0673
%RSD	4.1518	16.759	4.6022	.29178	2.9505	.22545	4.0493

#1	6.7699	.00251	.10267	1.9397	9.1276	.01475	1.6146
#2	7.1794	.00318	.10958	1.9317	9.5166	.01480	1.7098

Sample Name: J5205-05 Acquired: 10/29/2018 17:51:33 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-102518 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14076	5.310	.13699	<.00000	F<.00000
Stddev	.00601	.032	.00550	.30986	1.8813
%RSD	4.2723	.6015	4.0129	1.3448	4.8534

#1	.13651	5.333	.13310	-23.260	-40.093
#2	.14502	5.287	.14088	-22.822	-37.432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2438.2	40250.	4734.6	95.375	2460.6
Stddev	23.0	9.	145.2	3.465	24.5
%RSD	.94507	.02287	3.0664	3.6331	.99416

#1	2422.0	40243.	4837.2	97.825	2443.3
#2	2454.5	40256.	4631.9	92.925	2477.9

Sample Name: J5675-01 Acquired: 10/29/2018 17:55:33 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03807	-.01127	1.3105	-.00851	.00531	98.325	.83762	.00306
Stddev	.00117	.00148	.0014	.00197	.00080	.170	.00457	.00026
%RSD	3.0693	13.089	.10433	23.117	15.157	.17315	.54570	8.4087

#1	.03889	-.01232	1.3115	-.00712	.00474	98.445	.83438	.00325
#2	.03724	-.01023	1.3096	-.00990	.00588	98.204	.84085	.00288

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00919	26.816	1.7337	.06788	.54109	171.23	3.0457	19.081
Stddev	.00004	.378	.0027	.00022	.00184	1.22	.0083	.170
%RSD	.39628	1.4096	.15774	.32334	.34044	.71130	.27079	.89334

#1	.00922	26.549	1.7357	.06803	.54240	170.37	3.0516	18.961
#2	.00917	27.083	1.7318	.06772	.53979	172.09	3.0399	19.202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13981	-.00106	1.1450	.27352	2.7659	3.4608	.00358	.02692
Stddev	.00028	.00002	.0207	.00327	.0098	.0142	.00008	.00152
%RSD	.20167	1.6835	1.8107	1.1947	.35285	.40929	2.2190	5.6458

#1	.13961	-.00104	1.1303	.27584	2.7590	3.4709	.00364	.02584
#2	.14001	-.00107	1.1596	.27121	2.7728	3.4508	.00353	.02799

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5257	2.5208	.12078	1.5643	.06534	7.105	.16598	<.00000
Stddev	.0021	.0073	.00031	.0118	.00065	.006	.00107	.13870
%RSD	.13675	.28778	.25268	.75099	.99295	.0881	.64182	1.0208

#1	1.5271	2.5157	.12056	1.5560	.06488	7.100	.16522	-13.685
#2	1.5242	2.5260	.12099	1.5726	.06580	7.109	.16673	-13.489

Sample Name: J5675-01 Acquired: 10/29/2018 17:55:33 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9559
Stddev .8925
%RSD 45.632

#1 2.5871
#2 1.3248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.8	41270.	4863.9	100.74	2568.4
Stddev	2.7	209.	22.1	.35	2.1
%RSD	.10842	.50745	.45523	.34346	.08082

#1	2503.9	41122.	4879.5	100.99	2566.9
#2	2507.7	41418.	4848.2	100.50	2569.8

Sample Name: J5675-05 Acquired: 10/29/2018 17:59:29 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03590	-.01121	1.8884	-.01251	.00468	93.840	.60321
Stddev	.00000	.00185	.0066	.00288	.00016	.220	.00210
%RSD	.00979	16.506	.34835	23.033	3.4418	.23440	.34767

#1	.03590	-.01252	1.8838	-.01047	.00456	93.684	.60173
#2	.03589	-.00990	1.8931	-.01454	.00479	93.995	.60470

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00660	16.954	.78089	.07265	.60468	202.74
Stddev	.00010	.00002	.300	.00026	.00017	.00010	.73
%RSD	4.2115	.23398	1.7719	.03303	.22742	.01689	.36008

#1	.00250	.00661	16.742	.78107	.07254	.60475	202.23
#2	.00235	.00659	17.167	.78071	.07277	.60460	203.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6310	21.052	.15384	-.00127	2.7398	.24050	1.5918
Stddev	.0052	.141	.00090	.00040	.0025	.00034	.0108
%RSD	.14363	.67092	.58550	31.736	.08979	.14077	.67952

#1	3.6274	20.952	.15320	-.00155	2.7381	.24074	1.5841
#2	3.6347	21.152	.15447	-.00098	2.7416	.24026	1.5994

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2325	.00385	.01451	2.4346	4.0134	.31728	1.7229
Stddev	.0528	.00032	.00868	.0015	.0415	.00134	.0124
%RSD	1.2476	8.4253	59.838	.06280	1.0329	.42120	.71770

#1	4.1952	.00408	.02064	2.4357	3.9841	.31633	1.7141
#2	4.2699	.00362	.00837	2.4336	4.0427	.31822	1.7316

Sample Name: J5675-05 Acquired: 10/29/2018 17:59:29 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06587	5.221	.11952	<.00000	F<.00000
Stddev	.00077	.015	.00010	.01354	1.2127
%RSD	1.1709	.2879	.08043	.07995	35.879

#1	.06533	5.210	.11959	-16.948	-2.5225
#2	.06642	5.231	.11945	-16.929	-4.2375

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.6	40829.	4812.3	101.15	2602.0
Stddev	15.1	1.	39.7	.37	8.3
%RSD	.60808	.00314	.82434	.36192	.31717

#1	2478.9	40828.	4840.4	101.41	2596.2
#2	2500.3	40830.	4784.3	100.89	2607.8

Sample Name: J5683-01 Acquired: 10/29/2018 18:03:25 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-SAMPLE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01849	-.03599	.07145	-.04283	.00732	232.10	1.9540
Stddev	.00223	.00075	.00330	.00304	.00115	2.22	.0032
%RSD	12.047	2.0734	4.6163	7.0992	15.756	.95758	.16235

#1	.01692	-.03546	.07378	-.04498	.00813	230.52	1.9517
#2	.02007	-.03651	.06912	-.04068	.00650	233.67	1.9562

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00500	.01157	462.60	.54611	.19273	.40053	363.19
Stddev	.00001	.00099	1.50	.00263	.00029	.00127	10.19
%RSD	.12568	8.5460	.32505	.48134	.15197	.31666	2.8056

#1	.00500	.01227	461.53	.54425	.19293	.39963	355.98
#2	.00499	.01087	463.66	.54797	.19252	.40142	370.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2231	265.97	.66190	-.00326	.90616	.55096	.85576
Stddev	.0279	.54	.00141	.00059	.00247	.00366	.02152
%RSD	.66092	.20253	.21239	17.998	.27280	.66408	2.5150

#1	4.2034	265.59	.66090	-.00368	.90442	.54837	.84054
#2	4.2429	266.35	.66289	-.00285	.90791	.55354	.87098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	99.968	.00218	.00486	4.5030	1.9452	.03288	F 15.530
Stddev	.029	.00012	.01107	.0103	.0049	.00152	.026
%RSD	.02906	5.6639	227.87	.22781	.25083	4.6337	.17053

#1	99.948	.00210	-.00297	4.4957	1.9418	.03180	15.511
#2	99.989	.00227	.01269	4.5102	1.9487	.03396	15.548

Sample Name: J5683-01 Acquired: 10/29/2018 18:03:25 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-SAMPLE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20745	5.212	.57934	<.00000	F<.00000
Stddev	.00152	.009	.00048	.07332	2.1649
%RSD	.73044	.1642	.08212	1.0070	4.4385

#1	.20852	5.206	.57900	-7.3330	-47.246
#2	.20638	5.218	.57968	-7.2293	-50.308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.4	36154.	4474.3	91.378	2133.2
Stddev	1.5	214.	3.0	2.255	1.7
%RSD	.06912	.59215	.06677	2.4679	.08129

#1	2180.3	36305.	4472.2	92.973	2132.0
#2	2182.5	36002.	4476.4	89.784	2134.4

Sample Name: J5685-01 Acquired: 10/29/2018 18:07:23 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07787	-.00958	.87358	-.01518	.00316	111.94	.69964	.00286
Stddev	.00352	.00109	.01064	.00504	.00139	1.84	.00166	.00017
%RSD	4.5232	11.337	1.2175	33.165	43.894	1.6449	.23707	6.1119

#1	.08037	-.00881	.88110	-.01162	.00218	113.24	.70081	.00274
#2	.07538	-.01034	.86606	-.01874	.00414	110.64	.69847	.00299

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	110.77	.17920	.06232	.38569	158.52	2.2511	40.563
Stddev	.00017	.44	.00301	.00051	.00212	.30	.0326	.463
%RSD	2.6774	.39764	1.6803	.81470	.54914	.19049	1.4490	1.1406

#1	.00638	111.08	.18133	.06268	.38719	158.31	2.2741	40.890
#2	.00615	110.45	.17708	.06196	.38419	158.73	2.2280	40.236

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15497	-.00174	-.03166	.34257	1.2339	10.185	.00647	.01435
Stddev	.00031	.00006	.01326	.00707	.0032	.002	.00026	.00448
%RSD	.20092	3.2460	41.902	2.0652	.26242	.01919	4.0319	31.212

#1	.15519	-.00178	-.02228	.34757	1.2316	10.184	.00629	.01118
#2	.15475	-.00170	-.04104	.33757	1.2362	10.186	.00666	.01752

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9186	4.0027	.03849	2.6544	.07154	7.728	.31785	<.00000
Stddev	.0387	.0322	.00141	.0223	.00106	.058	.00099	.01521
%RSD	.65440	.80448	3.6745	.83886	1.4798	.7507	.31302	.17887

#1	5.9460	4.0255	.03949	2.6702	.07229	7.769	.31855	-8.5118
#2	5.8912	3.9800	.03749	2.6387	.07080	7.687	.31714	-8.4903

Sample Name: J5685-01 Acquired: 10/29/2018 18:07:23 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6302
Stddev .0719
%RSD 2.7329

#1 2.5794
#2 2.6811

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.0	38098.	4567.0	99.995	2468.4
Stddev	11.3	595.	21.3	.282	18.3
%RSD	.48990	1.5624	.46631	.28207	.74017

#1	2292.1	37677.	4551.9	100.19	2455.5
#2	2308.0	38519.	4582.0	99.795	2481.3

Sample Name: J5685-02 Acquired: 10/29/2018 18:11:16 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04984	-.01356	.97053	-.01848	.00083	148.79	.60941
Stddev	.00142	.00057	.00113	.00018	.00106	1.94	.01823
%RSD	2.8390	4.1979	.11692	.94777	127.21	1.3044	2.9915

#1	.04884	-.01396	.96973	-.01860	.00008	147.41	.59652
#2	.05085	-.01315	.97134	-.01835	.00158	150.16	.62230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	.00424	67.970	.39882	.08029	.27044	214.96
Stddev	.00004	.00082	2.230	.00190	.00018	.00000	5.13
%RSD	1.0058	19.459	3.2811	.47580	.22959	.00004	2.3851

#1	.00368	.00482	66.393	.39747	.08016	.27044	211.34
#2	.00363	.00365	69.546	.40016	.08042	.27044	218.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0256	25.694	.23924	-.00193	-.16298	.27931	.78491
Stddev	.0148	.547	.00072	.00013	.03399	.00209	.01590
%RSD	.48897	2.1299	.30201	6.6905	20.855	.74685	2.0252

#1	3.0152	25.307	.23873	-.00202	-.18702	.27784	.77367
#2	3.0361	26.081	.23975	-.00184	-.13895	.28079	.79615

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7771	.00622	.00453	2.8270	6.4986	.02973	2.8924
Stddev	.2063	.00001	.00458	.0007	.1619	.00176	.0737
%RSD	2.6530	.21608	101.16	.02533	2.4908	5.9057	2.5481

#1	7.6312	.00623	.00776	2.8275	6.3841	.02849	2.8403
#2	7.9229	.00621	.00129	2.8265	6.6131	.03097	2.9445

Sample Name: J5685-02 Acquired: 10/29/2018 18:11:16 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08653	4.465	.27009	<.00000	F<.00000
Stddev	.00302	.004	.00695	.09946	1.2721
%RSD	3.4890	.0884	2.5729	.66146	13.377

#1	.08440	4.468	.26518	-14.966	-10.409
#2	.08866	4.462	.27501	-15.107	-8.6105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.3	39329.	4760.0	101.24	2512.1
Stddev	3.0	271.	112.8	2.03	.3
%RSD	.12585	.68778	2.3687	2.0075	.01281

#1	2403.1	39520.	4839.7	102.68	2512.3
#2	2407.4	39137.	4680.2	99.802	2511.8

Sample Name: J5685-03 Acquired: 10/29/2018 18:15:14 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06527	-.01512	4.8728	-.02232	.00711	106.94	1.6315
Stddev	.00147	.00129	.0086	.00052	.00217	.51	.0072
%RSD	2.2595	8.5402	.17713	2.3367	30.445	.48159	.43843

#1	.06631	-.01421	4.8789	-.02195	.00558	106.57	1.6366
#2	.06423	-.01604	4.8667	-.02269	.00865	107.30	1.6265

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	.01463	260.94	.27766	.11146	1.5682	247.17
Stddev	.00000	.00028	.68	.00078	.00008	.0082	3.33
%RSD	.01340	1.9381	.26119	.28088	.06746	.52062	1.3453

#1	.00399	.01483	260.45	.27821	.11151	1.5740	244.82
#2	.00399	.01443	261.42	.27711	.11141	1.5624	249.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3375	74.873	.35126	.00306	.65588	.60853	5.1451
Stddev	.0021	.471	.00098	.00122	.00427	.00002	.0597
%RSD	.06302	.62907	.28032	39.858	.65175	.00341	1.1612

#1	3.3360	75.206	.35196	.00220	.65890	.60854	5.1029
#2	3.3389	74.540	.35056	.00392	.65285	.60851	5.1874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.671	.01476	.03506	8.7073	1.9059	.39176	3.8944
Stddev	.073	.00039	.00564	.0269	.0244	.00052	.0200
%RSD	.49690	2.6256	16.083	.30925	1.2818	.13309	.51356

#1	14.722	.01504	.03107	8.7264	1.9232	.39139	3.9086
#2	14.619	.01449	.03904	8.6883	1.8886	.39213	3.8803

Sample Name: J5685-03 Acquired: 10/29/2018 18:15:14 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09759	6.251	.75970	<.00000	F<.00000
Stddev	.00062	.011	.00416	.37511	.33226
%RSD	.63234	.1700	.54786	3.5998	2.3347

#1	.09716	6.259	.76264	-10.155	-14.466
#2	.09803	6.244	.75676	-10.686	-13.996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.7	38886.	4763.0	98.523	2370.8
Stddev	10.4	9.	24.8	1.182	9.3
%RSD	.43806	.02329	.52032	1.1997	.39230

#1	2355.4	38879.	4745.4	99.359	2364.2
#2	2370.0	38892.	4780.5	97.687	2377.4

Sample Name: J5685-04 Acquired: 10/29/2018 18:19:05 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10683	-.03712	16.672	-.05107	.02814	154.88	3.7528	.00556
Stddev	.00333	.00033	.051	.00146	.00122	.54	.0170	.00020
%RSD	3.1178	.88054	.30550	2.8505	4.3271	.34650	.45331	3.6693
#1	.10918	-.03735	16.708	-.05004	.02728	154.50	3.7408	.00570
#2	.10447	-.03689	16.636	-.05210	.02900	155.26	3.7648	.00541
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03339	276.36	.32254	.16421	1.3566	759.41	5.8626	62.018
Stddev	.00131	2.27	.00089	.00071	.0031	13.79	.0018	.585
%RSD	3.9286	.82016	.27714	.43052	.22500	1.8161	.03009	.94276
#1	.03246	274.75	.32191	.16471	1.3587	769.16	5.8614	61.604
#2	.03432	277.96	.32317	.16371	1.3544	749.66	5.8639	62.431
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39076	.00018	.51041	.68561	5.2055	14.231	.02139	.08751
Stddev	.00171	.00181	.00502	.00181	.0812	.068	.00001	.01484
%RSD	.43774	1006.8	.98312	.26430	1.5592	.47809	.06118	16.961
#1	.38955	.00146	.50686	.68433	5.2629	14.183	.02139	.09800
#2	.39197	-.00110	.51396	.68689	5.1481	14.279	.02138	.07701
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.118	4.1585	1.1972	4.7272	.14420	8.274	.96996	<.00000
Stddev	.022	.0362	.0042	.0313	.00018	.021	.00711	.25806
%RSD	.16904	.86932	.34995	.66226	.12280	.2492	.73286	.53425
#1	13.133	4.1330	1.2002	4.7494	.14432	8.259	.96494	-48.120
#2	13.102	4.1841	1.1943	4.7051	.14407	8.288	.97499	-48.485

Sample Name: J5685-04 Acquired: 10/29/2018 18:19:05 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.5	38711.	4680.6	90.355	2199.7
Stddev	18.7	48.	16.9	1.677	16.3
%RSD	.79746	.12304	.36005	1.8556	.73941
#1	2329.2	38678.	4692.6	89.169	2188.2
#2	2355.7	38745.	4668.7	91.540	2211.2

Sample Name: PB114240BS Acquired: 10/29/2018 18:22:59 Type: Unk
Method: P4-ICP2(v2527) 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	.73420	1.7739	.90992	1.8412	.75692	1.8183	.18542
Stddev	.00606	.0203	.01690	.0237	.01102	.0122	.00122
%RSD	.82599	1.1420	1.8572	1.2845	1.4558	.67337	.65825

#1	.72991	1.7596	.89797	1.8244	.74913	1.8096	.18628
#2	.73848	1.7883	.92187	1.8579	.76471	1.8269	.18456

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18672	.17610	.96104	.35756	.17925	.28979	2.5876
Stddev	.00211	.00265	.01717	.00604	.00277	.00432	.0107
%RSD	1.1286	1.5055	1.7864	1.6900	1.5476	1.4896	.41517

#1	.18822	.17422	.97318	.36183	.17729	.28674	2.5952
#2	.18523	.17797	.94890	.35328	.18121	.29284	2.5801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19479	1.8049	.43526	.06388	2.9906	.26143	.18517
Stddev	.00271	.0562	.00603	.00137	.0406	.00207	.00101
%RSD	1.3926	3.1151	1.3854	2.1419	1.3572	.79308	.54580

#1	.19671	1.8446	.43100	.06484	3.0193	.26290	.18446
#2	.19287	1.7651	.43953	.06291	2.9619	.25997	.18589

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8851	.36351	.26621	8.5726	.87663	.61597	.18459
Stddev	.0379	.00408	.00259	.1153	.00592	.00761	.00096
%RSD	.42697	1.1223	.97426	1.3446	.67522	1.2360	.52082

#1	8.9119	.36063	.26804	8.4911	.88081	.61059	.18391
#2	8.8583	.36640	.26437	8.6541	.87244	.62136	.18527

Sample Name: PB114240BS Acquired: 10/29/2018 18:22:59 Type: Unk
Method: P4-ICP2(v2527) 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	.17685	5.991	F .18144	F<.00000	F<.00000
Stddev	.00192	.078	.00077	.16273	.01272
%RSD	1.0831	1.303	.42248	80.409	.92196

#1	.17821	5.936	.18198	-.08731	-1.3884
#2	.17550	6.046	.18090	-.31745	-1.3704

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.7	36439.	4048.9	103.19	2831.4
Stddev	3.5	461.	42.8	1.12	2.1
%RSD	.15741	1.2645	1.0569	1.0850	.07308

#1	2236.2	36113.	4018.6	102.40	2832.8
#2	2241.2	36764.	4079.1	103.98	2829.9

Sample Name: CCV05 Acquired: 10/29/2018 18:26:50 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7624 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0329	4.7767	4.9990	4.9214	5.0963	10.337	9.5682	.25561
Stddev	.0197	.0280	.0361	.0158	.0198	.077	.2382	.00045
%RSD	.39139	.58568	.72161	.32036	.38777	.74559	2.4897	.17412
#1	5.0468	4.7965	5.0245	4.9325	5.1103	10.391	9.7367	.25593
#2	5.0190	4.7569	4.9735	4.9102	5.0824	10.282	9.3998	.25530
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4227	24.502	.96895	2.4555	1.2346	4.5180	2.5374	23.248
Stddev	.0146	.379	.00240	.0210	.0037	.0573	.0066	.491
%RSD	.60413	1.5456	.24773	.85329	.30383	1.2677	.26181	2.1108
#1	2.4331	24.770	.97064	2.4703	1.2372	4.5585	2.5421	23.595
#2	2.4124	24.235	.96725	2.4406	1.2319	4.4775	2.5327	22.901
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3627	1.2019	22.613	2.3502	2.3578	23.746	4.7959	4.6698
Stddev	.0164	.0046	.544	.0098	.0162	.516	.0190	.0957
%RSD	.69265	.38049	2.4052	.41753	.68835	2.1748	.39514	2.0486
#1	2.3742	1.2051	22.997	2.3571	2.3692	24.111	4.8093	4.7374
#2	2.3511	1.1986	22.228	2.3432	2.3463	23.381	4.7825	4.6021
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5619	4.7985	4.8602	4.7621	4.7542	4.812	4.6819	F 2.5265
Stddev	.0237	.0615	.0201	.1080	.1100	.048	.1117	.2187
%RSD	.51875	1.2812	.41348	2.2675	2.3137	1.006	2.3847	8.6541
#1	4.5786	4.8420	4.8744	4.8385	4.8320	4.846	4.7609	2.6811
#2	4.5452	4.7551	4.8459	4.6857	4.6764	4.778	4.6030	2.3719

Sample Name: CCV05 Acquired: 10/29/2018 18:26:50 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7624 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6092
Stddev .1651
%RSD 6.3286

#1 2.7260
#2 2.4924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.7	35315.	4129.8	102.59	2629.7
Stddev	16.3	103.	64.8	.95	25.3
%RSD	.74155	.29187	1.5691	.92897	.96317

#1	2189.2	35242.	4084.0	101.92	2611.7
#2	2212.3	35388.	4175.6	103.27	2647.6

Sample Name: CCB05 Acquired: 10/29/2018 18:30:34 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00021	-.00075	-.00136	.00115	.00674	-.00145
Stddev	.00156	.00178	.00045	.00121	.00066	.00246	.00104
%RSD	325.90	833.97	60.306	88.919	57.406	36.442	72.110

#1	.00158	.00105	-.00107	-.00221	.00069	.00500	-.00071
#2	-.00063	-.00148	-.00043	-.00050	.00162	.00847	-.00219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00003	-.00346	.00020	-.00003	-.00053	.00116
Stddev	.00009	.00008	.00714	.00028	.00007	.00030	.00507
%RSD	133.81	242.36	206.10	142.74	266.77	55.812	438.86

#1	.00013	.00009	-.00851	.00040	.00002	-.00032	.00474
#2	.00000	-.00002	.00158	-.00000	-.00008	-.00074	-.00243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03071	.00031	-.00017	-.06861	-.00033	-.00090
Stddev	.00008	.00603	.00042	.00016	.02453	.00035	.00002
%RSD	512.28	19.626	133.17	94.329	35.749	103.74	2.1216

#1	-.00007	-.03497	.00061	-.00006	-.05127	-.00009	-.00092
#2	.00004	-.02644	.00002	-.00028	-.08595	-.00058	-.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.32565	.00041	.00248	.00335	-.00023	-.00076	.00099
Stddev	.03005	.00002	.00480	.00090	.00291	.00061	.00010
%RSD	9.2264	5.6386	193.40	26.968	1290.0	79.918	9.9786

#1	-.34690	.00042	-.00091	.00399	.00183	-.00119	.00092
#2	-.30440	.00039	.00587	.00271	-.00229	-.00033	.00106

Sample Name: CCB05 Acquired: 10/29/2018 18:30:34 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14087 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00995	-.0004	-.00005	F<.00000	F .30980
Stddev	.00041	.0000	.00004	.57509	.28318
%RSD	4.1345	2.213	76.197	391.65	91.408

#1	-.01025	-.0004	-.00008	.25981	.51004
#2	-.00966	-.0004	-.00002	-.55348	.10956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.5	36449.	4021.9	99.804	2833.0
Stddev	6.3	116.	109.5	2.127	11.1
%RSD	.28276	.31835	2.7215	2.1314	.39283

#1	2226.0	36367.	3944.5	98.300	2825.2
#2	2235.0	36532.	4099.3	101.31	2840.9

Sample Name: J5685-05 Acquired: 10/29/2018 18:34:59 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06160	-.01730	2.7804	-.01271	.00918	136.36	1.1176
Stddev	.00149	.00153	.0281	.00869	.00101	.92	.0343
%RSD	2.4121	8.8698	1.0098	68.390	10.988	.67546	3.0684

#1	.06265	-.01839	2.8002	-.01886	.00846	135.71	1.0934
#2	.06054	-.01622	2.7605	-.00656	.00989	137.01	1.1419

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	.01100	352.26	.22282	.09237	.70030	225.52
Stddev	.00012	.00180	11.49	.00125	.00030	.01009	13.67
%RSD	3.1990	16.318	3.2621	.55980	.32875	1.4414	6.0632

#1	.00392	.01227	344.13	.22370	.09258	.70744	215.85
#2	.00374	.00973	360.38	.22194	.09215	.69316	235.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4605	101.53	.22319	-.00080	.03388	.49908	3.3420
Stddev	.0032	3.04	.00161	.00191	.04995	.00120	.1868
%RSD	.09132	2.9939	.72101	239.81	147.43	.24145	5.5898

#1	3.4627	99.384	.22433	-.00215	-.00144	.49993	3.2099
#2	3.4582	103.68	.22205	.00055	.06920	.49822	3.4741

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.631	.00611	.03404	7.8768	3.8355	.07448	3.8319
Stddev	.306	.00000	.02151	.0473	.0941	.00052	.0882
%RSD	2.8813	.03028	63.192	.60074	2.4525	.69244	2.3029

#1	10.414	.00611	.01883	7.9103	3.7690	.07484	3.7695
#2	10.848	.00611	.04926	7.8434	3.9021	.07411	3.8943

Sample Name: J5685-05 Acquired: 10/29/2018 18:34:59 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09947	5.885	.66288	<.00000	F<.00000
Stddev	.00173	.070	.01945	.95677	1.0542
%RSD	1.7384	1.189	2.9343	32.242	17.344

#1	.09825	5.934	.64912	-3.6440	-6.8239
#2	.10070	5.835	.67663	-2.2910	-5.3330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.4	37518.	4608.5	93.685	2288.8
Stddev	28.7	63.	116.7	5.183	27.2
%RSD	1.2484	.16863	2.5315	5.5322	1.1879

#1	2276.1	37473.	4691.0	97.350	2269.6
#2	2316.6	37562.	4526.0	90.020	2308.0

Sample Name: J5685-06 Acquired: 10/29/2018 18:38:56 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11844	-.01201	4.9831	-.02065	.00920	140.20	1.8186
Stddev	.00314	.00222	.0987	.00012	.00182	.23	.0017
%RSD	2.6519	18.485	1.9798	.58082	19.823	.16682	.09224

#1	.11622	-.01044	4.9133	-.02056	.01049	140.03	1.8197
#2	.12066	-.01358	5.0528	-.02073	.00791	140.36	1.8174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.01635	176.30	.27301	.09767	1.1378	301.82
Stddev	.00024	.00048	.97	.00328	.00221	.0221	5.35
%RSD	6.3576	2.9431	.55097	1.2011	2.2675	1.9419	1.7728

#1	.00392	.01601	176.99	.27533	.09611	1.1222	298.04
#2	.00359	.01669	175.62	.27069	.09924	1.1534	305.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5252	64.443	.29145	.00073	.37167	1.1847	5.3859
Stddev	.0051	.058	.00698	.00146	.01607	.0015	.0852
%RSD	.14350	.09028	2.3936	200.25	4.3237	.12662	1.5819

#1	3.5288	64.402	.28651	-.00030	.36031	1.1857	5.3256
#2	3.5216	64.485	.29638	.00176	.38304	1.1836	5.4461

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.135	.01142	.04094	6.1400	3.0425	.15546	3.7857
Stddev	.008	.00029	.02233	.1316	.0229	.00426	.0071
%RSD	.06053	2.5438	54.550	2.1435	.75207	2.7435	.18805

#1	13.140	.01122	.02515	6.0470	3.0586	.15244	3.7907
#2	13.129	.01163	.05673	6.2331	3.0263	.15847	3.7806

Sample Name: J5685-06 Acquired: 10/29/2018 18:38:56 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10349	6.899	.48211	<.00000	F<.00000
Stddev	.00162	.144	.00006	.08788	.23012
%RSD	1.5662	2.086	.01228	.55011	1.0773

#1	.10464	6.797	.48216	-16.036	-21.523
#2	.10235	7.000	.48207	-15.912	-21.197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.5	38142.	4510.0	93.833	2369.3
Stddev	31.6	76.	28.9	1.049	38.5
%RSD	1.3622	.20050	.64009	1.1183	1.6233

#1	2344.8	38088.	4489.6	94.575	2396.5
#2	2300.1	38196.	4530.4	93.091	2342.1

Sample Name: J5685-07 Acquired: 10/29/2018 18:42:54 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07018	-.01762	1.4864	-.00851	.00850	172.22	1.1897
Stddev	.00284	.00193	.0019	.00217	.00103	2.06	.0340
%RSD	4.0491	10.979	.13120	25.527	12.059	1.1966	2.8621

#1	.07219	-.01625	1.4878	-.00697	.00923	170.76	1.2138
#2	.06817	-.01898	1.4851	-.01004	.00778	173.68	1.1656

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00522	.00698	61.789	.28848	.13305	.51905	333.26
Stddev	.00019	.00084	1.699	.00606	.00082	.00079	5.91
%RSD	3.5518	12.034	2.7496	2.0996	.61316	.15311	1.7746

#1	.00509	.00639	62.991	.28420	.13247	.51961	337.44
#2	.00535	.00758	60.588	.29277	.13362	.51849	329.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4272	52.051	.27500	.00138	-.12603	.45943	2.0496
Stddev	.1061	1.409	.00117	.00094	.04554	.00765	.0299
%RSD	1.9551	2.7073	.42601	68.298	36.137	1.6653	1.4572

#1	5.3522	53.047	.27583	.00205	-.09383	.45402	2.0707
#2	5.5022	51.054	.27417	.00071	-.15823	.46484	2.0285

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.580	.00625	.07059	3.6795	3.8036	.10491	6.3364
Stddev	.527	.00094	.01260	.0196	.0954	.00161	.1907
%RSD	2.8368	15.100	17.849	.53138	2.5069	1.5304	3.0098

#1	18.953	.00558	.06168	3.6657	3.8710	.10605	6.4712
#2	18.208	.00692	.07950	3.6933	3.7362	.10378	6.2015

Sample Name: J5685-07 Acquired: 10/29/2018 18:42:54 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14701	8.376	.18810	<.00000	F<.00000
Stddev	.00373	.004	.00522	.40337	2.0396
%RSD	2.5355	.0521	2.7753	1.8695	6.5578

#1	.14964	8.373	.19180	-21.291	-32.545
#2	.14437	8.379	.18441	-21.862	-29.660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.4	40758.	4844.9	92.756	2434.1
Stddev	2.0	575.	116.9	1.568	4.1
%RSD	.07829	1.4114	2.4131	1.6905	.16711

#1	2582.8	41165.	4762.2	91.647	2437.0
#2	2579.9	40351.	4927.6	93.864	2431.3

Sample Name: J5685-08 Acquired: 10/29/2018 18:46:51 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09114	-.01464	2.5407	-.02025	.00859	101.73	1.0849
Stddev	.00120	.00023	.0085	.00465	.00387	.85	.0048
%RSD	1.3148	1.5770	.33417	22.972	45.049	.83489	.44019

#1	.09198	-.01480	2.5467	-.01696	.01133	102.33	1.0883
#2	.09029	-.01448	2.5347	-.02354	.00586	101.13	1.0815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01335	.01241	477.00	.26763	.10857	1.0660	230.00
Stddev	.00010	.00115	3.27	.00064	.00011	.0013	9.93
%RSD	.72607	9.2753	.68529	.24083	.10417	.12098	4.3154

#1	.01328	.01160	479.31	.26809	.10865	1.0651	237.02
#2	.01342	.01322	474.69	.26717	.10849	1.0670	222.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4244	141.67	.32487	-.00113	2.2333	.53044	5.4283
Stddev	.0253	.80	.00090	.00119	.0063	.00146	.2481
%RSD	.73985	.56290	.27613	105.34	.28070	.27468	4.5710

#1	3.4423	142.24	.32551	-.00029	2.2377	.53147	5.6037
#2	3.4064	141.11	.32424	-.00197	2.2289	.52941	5.2528

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.974	.01042	.03660	7.2348	8.3414	.22612	3.6231
Stddev	.028	.00025	.01726	.0323	.0384	.00004	.0286
%RSD	.25329	2.4120	47.151	.44585	.46100	.01799	.78928

#1	10.994	.01060	.04880	7.2576	8.3686	.22615	3.6433
#2	10.955	.01024	.02440	7.2120	8.3142	.22609	3.6029

Sample Name: J5685-08 Acquired: 10/29/2018 18:46:51 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DOCUMENTATIO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09518	6.602	.87094	.70797	F<.00000
Stddev	.00049	.037	.00420	.11739	1.0405
%RSD	.51626	.5594	.48272	16.582	23.149

#1	.09553	6.628	.87391	.62496	-3.7591
#2	.09484	6.575	.86796	.79098	-5.2306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.2	36708.	4489.3	92.911	2249.6
Stddev	4.4	338.	33.4	4.109	2.6
%RSD	.19281	.92020	.74352	4.4231	.11725

#1	2277.3	36469.	4465.7	90.005	2247.7
#2	2271.1	36946.	4512.9	95.817	2251.4

Sample Name: J5688-01 Acquired: 10/29/2018 18:50:43 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91567-OD 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	-.01019	-.00286	-.00493	-.00010	39.222	.13687	-.00041
Stddev	.00140	.00121	.00360	.00244	.00048	.375	.00091	.00000
%RSD	105.17	11.882	126.00	49.448	500.76	.95735	.66842	1.1163
#1	-.00034	-.01104	-.00031	-.00666	-.00044	38.956	.13752	-.00041
#2	-.00232	-.00933	-.00540	-.00321	.00024	39.487	.13622	-.00041
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	38.242	.07801	.05985	.20505	127.04	1.5069	36.704
Stddev	.00073	.344	.00030	.00043	.00086	5.66	.0014	.423
%RSD	121.91	.89928	.38971	.72679	.41971	4.4550	.09436	1.1528
#1	.00112	38.485	.07779	.06015	.20566	123.04	1.5059	37.003
#2	.00008	37.999	.07822	.05954	.20444	131.04	1.5079	36.405
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07408	-.00098	.54466	.12948	.28933	24.285	.00574	.00383
Stddev	.00026	.00017	.01246	.00050	.01253	.112	.00009	.00961
%RSD	.35452	17.020	2.2870	.38468	4.3298	.46070	1.6211	250.87
#1	.07426	-.00110	.55346	.12912	.28047	24.365	.00580	-.00297
#2	.07389	-.00086	.53585	.12983	.29819	24.206	.00567	.01063
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.059	2.5040	.00714	5.9652	.09477	F 10.69	.03644	<.00000
Stddev	.019	.0273	.00161	.0680	.00076	.03	.00027	.34157
%RSD	.18803	1.0904	22.553	1.1403	.79888	.2454	.74777	3.8488
#1	10.046	2.5234	.00600	6.0133	.09531	10.70	.03664	-8.6331
#2	10.072	2.4847	.00828	5.9171	.09424	10.67	.03625	-9.1162

Sample Name: J5688-01 Acquired: 10/29/2018 18:50:43 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91567-OD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.7673
Stddev	1.2769
%RSD	13.073

#1	10.670
#2	8.8644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.3	40606.	4627.0	97.777	2581.6
Stddev	8.8	106.	64.1	3.916	12.8
%RSD	.35255	.26114	1.3846	4.0053	.49542

#1	2486.1	40681.	4581.7	100.55	2572.6
#2	2498.5	40531.	4672.3	95.008	2590.7

Sample Name: J5690-01 Acquired: 10/29/2018 18:54:39 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-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	.00209	-.00463	.01255	.00480	-.00009	3.3292	.21195	-.00015
Stddev	.00171	.00196	.00073	.00047	.00013	.0328	.00122	.00007
%RSD	81.620	42.242	5.8513	9.8470	135.61	.98628	.57441	48.532
#1	.00088	-.00325	.01307	.00446	-.00000	3.3060	.21109	-.00010
#2	.00330	-.00601	.01203	.00513	-.00018	3.3524	.21281	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	49.565	.00302	.00223	.01445	32.442	4.0654	41.462
Stddev	.00001	.117	.00027	.00021	.00057	.556	.0117	.146
%RSD	18.026	.23642	9.0488	9.4996	3.9484	1.7139	.28876	.35213
#1	.00003	49.482	.00283	.00208	.01405	32.049	4.0571	41.359
#2	.00003	49.648	.00321	.00238	.01485	32.836	4.0737	41.565
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	-.00084	36.603	.01128	.03103	2.6461	.00492	.07163
Stddev	.00014	.00003	.037	.00043	.00042	.0111	.00006	.00518
%RSD	9.7424	3.7678	.10095	3.8465	1.3382	.42024	1.2585	7.2364
#1	.00152	-.00086	36.629	.01159	.03074	2.6382	.00487	.06797
#2	.00132	-.00081	36.577	.01098	.03133	2.6539	.00496	.07530
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8211	F 25.406	-.00090	.03951	.01898	.9941	.42646	.53886
Stddev	.0029	.093	.00060	.00087	.00005	.0006	.00069	.53139
%RSD	.07509	.36553	66.371	2.1992	.27383	.0591	.16093	98.614
#1	3.8231	25.471	-.00133	.04012	.01902	.9945	.42695	.16311
#2	3.8191	25.340	-.00048	.03890	.01894	.9937	.42598	.91460

Sample Name: J5690-01 Acquired: 10/29/2018 18:54:39 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-15 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.7719
Stddev	.4578
%RSD	12.136

#1	4.0956
#2	3.4482

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.8	34433.	3989.9	97.919	2566.3
Stddev	14.2	67.	14.4	1.008	5.9
%RSD	.67559	.19446	.36086	1.0298	.23139

#1	2096.7	34481.	3979.7	98.632	2562.1
#2	2116.8	34386.	4000.1	97.206	2570.5

Sample Name: J5690-02 Acquired: 10/29/2018 18:58:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5690-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00771	.01390	.00185	.00069	3.9559	.25344	-.00007
Stddev	.00279	.00158	.00032	.00029	.00279	.0417	.00155	.00007
%RSD	155.81	20.537	2.3316	15.761	403.30	1.0547	.60981	88.253

#1	-.00018	-.00659	.01413	.00164	-.00128	3.9264	.25234	-.00003
#2	.00376	-.00883	.01367	.00206	.00267	3.9854	.25453	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	56.741	.00407	.00245	.01605	35.733	4.4751	47.911
Stddev	.00003	.092	.00014	.00039	.00029	.368	.0117	.115
%RSD	18.920	.16234	3.4834	15.990	1.8375	1.0298	.26103	.24057

#1	.00013	56.676	.00397	.00273	.01626	35.473	4.4668	47.830
#2	.00017	56.806	.00417	.00218	.01584	35.993	4.4833	47.993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00095	41.820	.01405	.03343	3.0123	.00571	.07927
Stddev	.00008	.00009	.156	.00033	.00015	.0290	.00006	.00143
%RSD	4.4600	9.8371	.37343	2.3742	.44215	.96453	1.1181	1.8047

#1	.00191	-.00101	41.930	.01429	.03333	3.0328	.00576	.08028
#2	.00179	-.00088	41.710	.01381	.03353	2.9917	.00567	.07826

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9413	F 28.748	.00072	.04785	.02388	1.091	.49141	.91472
Stddev	.0313	.276	.00021	.00270	.00052	.005	.00040	.14037
%RSD	.79328	.95944	28.455	5.6517	2.1778	.4933	.08117	15.346

#1	3.9634	28.943	.00058	.04977	.02425	1.095	.49169	.81547
#2	3.9192	28.553	.00087	.04594	.02351	1.087	.49112	1.0140

Sample Name: J5690-02 Acquired: 10/29/2018 18:58:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5690-01MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7625
Stddev	.3206
%RSD	8.5219

#1	3.5358
#2	3.9893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.7	34085.	3988.0	98.426	2537.5
Stddev	10.7	6.	34.1	.292	12.8
%RSD	.51301	.01735	.85440	.29680	.50400

#1	2077.1	34089.	3963.9	98.632	2528.5
#2	2092.3	34081.	4012.1	98.219	2546.6

Sample Name: J5690-03 Acquired: 10/29/2018 19:02:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5690-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	-.00659	.01499	.00343	-.00133	3.9872	.23150	-.00010
Stddev	.00331	.00036	.00036	.00297	.00017	.0186	.00072	.00011
%RSD	88.364	5.4410	2.4018	86.505	12.703	.46564	.31017	105.07
#1	.00608	-.00684	.01524	.00553	-.00145	4.0004	.23201	-.00003
#2	.00140	-.00633	.01474	.00133	-.00121	3.9741	.23099	-.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	52.888	.00381	.00243	.01562	35.257	4.2758	44.552
Stddev	.00008	.203	.00012	.00007	.00002	.136	.0059	.035
%RSD	180.29	.38307	3.0254	2.9497	.12220	.38494	.13876	.07883
#1	-.00010	53.031	.00389	.00238	.01561	35.161	4.2799	44.527
#2	.00001	52.745	.00372	.00248	.01564	35.353	4.2716	44.576
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	-.00029	39.190	.01327	.03648	2.9139	.00531	.07797
Stddev	.00018	.00004	.160	.00041	.00006	.0413	.00009	.00201
%RSD	11.359	14.870	.40765	3.1209	.17160	1.4160	1.7104	2.5825
#1	.00175	-.00032	39.303	.01356	.03653	2.9430	.00537	.07655
#2	.00149	-.00026	39.077	.01298	.03644	2.8847	.00525	.07939
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9378	F 27.436	-.00008	.05110	.02154	1.044	.45611	.50006
Stddev	.0181	.123	.00098	.00142	.00060	.004	.00242	.18471
%RSD	.46066	.44675	1187.3	2.7733	2.7771	.4053	.53165	36.937
#1	3.9507	27.523	-.00078	.05211	.02112	1.047	.45782	.36945
#2	3.9250	27.349	.00061	.05010	.02196	1.041	.45439	.63066

Sample Name: J5690-03 Acquired: 10/29/2018 19:02:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5690-01MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1163
Stddev	.3804
%RSD	9.2423

#1	4.3853
#2	3.8473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2124.8	34846.	4039.8	97.875	2589.2
Stddev	11.1	152.	22.1	.758	18.7
%RSD	.52251	.43707	.54687	.77473	.72292

#1	2116.9	34739.	4024.2	97.338	2575.9
#2	2132.6	34954.	4055.4	98.411	2602.4

Sample Name: J5690-04 Acquired: 10/29/2018 19:06:42 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-202 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09958	-.00755	.00984	.00107	.00165	17.072	.54128	.00028
Stddev	.00150	.00252	.00024	.00042	.00188	.161	.00030	.00003
%RSD	1.5085	33.317	2.4278	39.722	113.60	.94179	.05547	10.724

#1	.10065	-.00577	.00967	.00077	.00033	16.958	.54149	.00031
#2	.09852	-.00933	.01001	.00137	.00298	17.186	.54107	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	125.48	.04638	.01614	.14809	66.485	4.2577	197.60
Stddev	.00016	.71	.00016	.00012	.00055	2.498	.0027	.10
%RSD	27.533	.56400	.35003	.71355	.37287	3.7573	.06418	.04846

#1	.00047	125.98	.04649	.01606	.14848	68.251	4.2596	197.53
#2	.00070	124.98	.04626	.01622	.14770	64.719	4.2557	197.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06739	-.00127	112.78	.05233	.17564	13.185	.07675	.06361
Stddev	.00099	.00098	.28	.00013	.00673	.019	.00062	.00450
%RSD	1.4688	76.623	.24560	.24714	3.8341	.14589	.80342	7.0817

#1	.06669	-.00058	112.59	.05224	.18040	13.172	.07631	.06042
#2	.06809	-.00196	112.98	.05242	.17087	13.199	.07719	.06679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0653	F 54.629	.00196	.11281	.09494	1.944	1.1996	1.4280
Stddev	.0144	.238	.00021	.00065	.00010	.008	.0014	.0712
%RSD	.28343	.43520	10.775	.57535	.10125	.3964	.11329	4.9821

#1	5.0551	54.797	.00211	.11327	.09487	1.939	1.1987	1.3777
#2	5.0754	54.461	.00181	.11235	.09501	1.949	1.2006	1.4783

Sample Name: J5690-04 Acquired: 10/29/2018 19:06:42 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-202 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.6680
Stddev .1646
%RSD 2.4690

#1 6.5516
#2 6.7844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.1	33266.	3944.2	92.739	2337.9
Stddev	6.9	57.	36.5	4.137	5.9
%RSD	.33550	.17254	.92524	4.4614	.25178

#1	2037.2	33226.	3918.4	89.813	2333.7
#2	2046.9	33307.	3970.0	95.665	2342.0

Sample Name: J5692-20 Acquired: 10/29/2018 19:10:39 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CAL-IDW-2018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	-.00473	.00090	.00118	.00099	4.2840	.32450	-.00029
Stddev	.00094	.00114	.00096	.00337	.00009	.0252	.00136	.00004
%RSD	44.553	24.086	105.96	285.89	9.0500	.58841	.41855	14.045

#1	-.00144	-.00554	.00158	-.00120	.00093	4.3018	.32354	-.00026
#2	-.00277	-.00393	.00023	.00356	.00105	4.2662	.32546	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	13.677	.05004	.00315	.02133	29.698	2.0252	4.0065
Stddev	.00013	.058	.00093	.00010	.00030	.519	.0268	.0042
%RSD	633.99	.42066	1.8493	3.0938	1.4023	1.7484	1.3258	.10406

#1	.00011	13.636	.05070	.00322	.02155	29.331	2.0441	4.0035
#2	-.00007	13.717	.04939	.00308	.02112	30.065	2.0062	4.0094

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01134	-.00115	31.347	.01922	.08165	2.8805	.00726	.02147
Stddev	.00008	.00039	.044	.00080	.00106	.0354	.00028	.01074
%RSD	.70758	34.000	.13909	4.1840	1.2998	1.2280	3.8741	50.003

#1	.01129	-.00143	31.378	.01979	.08090	2.8555	.00706	.02906
#2	.01140	-.00088	31.316	.01865	.08240	2.9055	.00746	.01388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0680	F 13.847	-.00071	.22124	-.00856	.2311	.07152	<.00000
Stddev	.0121	.080	.00127	.00900	.00046	.0001	.00012	.51965
%RSD	.20022	.57508	177.97	4.0691	5.3832	.0354	.16539	78.265

#1	6.0766	13.904	.00018	.21488	-.00888	.2311	.07143	-.29652
#2	6.0594	13.791	-.00161	.22761	-.00823	.2310	.07160	-1.0314

Sample Name: J5692-20 Acquired: 10/29/2018 19:10:39 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CAL-IDW-2018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1124
Stddev	.2443
%RSD	5.9404

#1	4.2851
#2	3.9396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.5	35425.	4007.6	99.215	2673.8
Stddev	9.9	654.	20.0	1.028	7.4
%RSD	.45712	1.8459	.49876	1.0363	.27517

#1	2153.5	34963.	3993.5	99.942	2668.6
#2	2167.4	35887.	4021.7	98.488	2679.0

Sample Name: CCV06 Acquired: 10/29/2018 19:14:39 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1001	4.8915	5.0850	4.9882	5.1703	10.293	9.8529	.25730
Stddev	.0071	.0039	.0000	.0008	.0072	.089	.0178	.00049
%RSD	.13951	.07991	.00080	.01651	.13896	.86336	.18108	.19216
#1	5.0950	4.8888	5.0850	4.9877	5.1652	10.230	9.8655	.25765
#2	5.1051	4.8943	5.0849	4.9888	5.1754	10.356	9.8403	.25695
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4746	24.784	.99092	2.5119	1.2547	4.6927	2.5610	24.162
Stddev	.0031	.200	.00479	.0007	.0019	.0360	.0029	.182
%RSD	.12679	.80607	.48358	.02822	.14822	.76824	.11313	.75153
#1	2.4769	24.643	.99431	2.5114	1.2534	4.6672	2.5630	24.033
#2	2.4724	24.926	.98753	2.5124	1.2560	4.7182	2.5589	24.290
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4217	1.2260	23.524	2.3950	2.4379	24.345	4.9031	4.8114
Stddev	.0034	.0053	.055	.0021	.0021	.065	.0010	.0272
%RSD	.13830	.43619	.23528	.08806	.08450	.26524	.02121	.56435
#1	2.4241	1.2298	23.563	2.3965	2.4393	24.391	4.9024	4.7922
#2	2.4193	1.2222	23.484	2.3935	2.4364	24.299	4.9039	4.8306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6626	4.8949	4.9741	4.9212	4.8748	4.931	4.8462	F 2.0888
Stddev	.0148	.0273	.0076	.0022	.0036	.001	.0047	.0513
%RSD	.31658	.55758	.15284	.04421	.07421	.0190	.09724	2.4558
#1	4.6731	4.9142	4.9687	4.9197	4.8774	4.930	4.8495	2.1251
#2	4.6522	4.8756	4.9795	4.9227	4.8723	4.931	4.8428	2.0525

Sample Name: CCV06 Acquired: 10/29/2018 19:14:39 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14089 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5389
Stddev .3728
%RSD 14.684

#1 2.8025
#2 2.2753

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.4	35081.	4000.1	99.704	2573.3
Stddev	2.5	37.	24.4	.123	4.2
%RSD	.11407	.10642	.61000	.12367	.16202

#1	2167.7	35055.	3982.8	99.616	2570.4
#2	2171.2	35108.	4017.4	99.791	2576.3

Sample Name: CCB06 Acquired: 10/29/2018 19:18:24 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00356	-.00013	-.00118	.00121	-.00094	-.00002	-.00172
Stddev	.00086	.00098	.00118	.00078	.00128	.00602	.00022
%RSD	24.300	748.48	100.23	64.553	136.01	33071.	12.669

#1	-.00295	.00056	-.00201	.00176	-.00004	-.00427	-.00188
#2	-.00417	-.00082	-.00034	.00066	-.00184	.00424	-.00157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00007	.00596	.00057	-.00017	-.00074	-.00658
Stddev	.00003	.00008	.01409	.00009	.00007	.00051	.00851
%RSD	147.27	111.64	236.43	15.550	43.487	69.375	129.36

#1	.00000	.00002	.01592	.00063	-.00022	-.00110	-.01260
#2	-.00004	.00013	-.00400	.00051	-.00012	-.00038	-.00056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00260	.00071	.00011	-.15629	-.00048	-.00105
Stddev	.00006	.01064	.00035	.00011	.00910	.00009	.00004
%RSD	114.02	409.32	48.710	102.33	5.8213	19.028	3.3632

#1	-.00009	.01012	.00095	.00018	-.14986	-.00055	-.00107
#2	-.00001	-.00492	.00047	.00003	-.16273	-.00042	-.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.32591	.00062	-.00265	-.00204	-.00285	-.00076	-.00147
Stddev	.05542	.00032	.00262	.00043	.00051	.00038	.00009
%RSD	17.006	51.845	98.815	21.133	17.906	50.579	5.7928

#1	-.36510	.00085	-.00080	-.00234	-.00249	-.00049	-.00141
#2	-.28672	.00039	-.00450	-.00173	-.00321	-.00103	-.00153

Sample Name: CCB06 Acquired: 10/29/2018 19:18:24 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14089 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00995	.0012	-.00001	F<.00000	F .59229
Stddev	.00072	.0000	.00003	.66942	.32644
%RSD	7.2560	1.278	643.69	112.97	55.115

#1	-.01046	.0012	-.00003	-.11924	.82312
#2	-.00944	.0012	.00002	-1.0659	.36146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.8	37007.	4083.1	103.84	2857.8
Stddev	3.3	144.	10.9	2.43	3.1
%RSD	.14751	.38844	.26575	2.3379	.10795

#1	2265.5	36905.	4090.8	105.56	2855.6
#2	2270.2	37108.	4075.4	102.13	2860.0

Sample Name: J5696-05 Acquired: 10/29/2018 19:22:29 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	-.00418	.01168	.00405	-.00068	.26186	.29112	-.00002
Stddev	.00032	.00176	.00070	.00170	.00014	.02082	.00125	.00009
%RSD	20.869	41.968	5.9510	42.123	20.304	7.9497	.42953	463.55
#1	-.00130	-.00294	.01218	.00525	-.00078	.27658	.29023	-.00008
#2	-.00175	-.00543	.01119	.00284	-.00058	.24714	.29200	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	72.286	.00089	.00039	.01579	2.6256	.69988	25.961
Stddev	.00008	.885	.00052	.00011	.00040	.0717	.00207	.045
%RSD	52.747	1.2241	58.317	27.331	2.5516	2.7325	.29622	.17200
#1	.00020	71.660	.00126	.00032	.01607	2.5748	.69841	25.993
#2	.00009	72.912	.00052	.00047	.01550	2.6763	.70135	25.930
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00614	-.00019	104.78	.00876	.05467	6.8419	.00181	.18540
Stddev	.00050	.00053	.48	.00036	.00194	.0208	.00013	.00010
%RSD	8.1159	279.02	.45918	4.1185	3.5405	.30397	7.2507	.05472
#1	.00579	-.00057	104.44	.00902	.05330	6.8272	.00191	.18547
#2	.00649	.00019	105.12	.00851	.05604	6.8566	.00172	.18533
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.739	F 10.847	-.00417	.00396	.01082	.1257	.56325	3.4619
Stddev	.044	.172	.00040	.00025	.00196	.0013	.00127	.3206
%RSD	.32167	1.5822	9.4848	6.2755	18.086	1.043	.22548	9.2618
#1	13.770	10.725	-.00389	.00414	.01221	.1266	.56235	3.6886
#2	13.708	10.968	-.00444	.00379	.00944	.1247	.56414	3.2352

Sample Name: J5696-05 Acquired: 10/29/2018 19:22:29 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-SW-01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.18659
Stddev	.17304
%RSD	92.738

#1	.30895
#2	.06423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.4	33797.	3955.2	98.381	2501.9
Stddev	8.8	39.	24.3	2.806	10.4
%RSD	.42763	.11398	.61413	2.8516	.41704

#1	2049.2	33770.	3972.4	100.36	2494.5
#2	2061.7	33824.	3938.1	96.397	2509.3

Sample Name: J5696-05DUP Acquired: 10/29/2018 19:26:31 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SW-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	-.00250	.01113	.00744	-.00107	.26124	.29238	-.00007
Stddev	.00121	.00046	.00024	.00006	.00060	.00439	.00234	.00002
%RSD	55.639	18.479	2.1272	.80173	56.652	1.6809	.79928	26.753

#1	-.00132	-.00283	.01096	.00748	-.00064	.26434	.29073	-.00005
#2	-.00304	-.00218	.01129	.00739	-.00149	.25813	.29404	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	72.739	.00061	.00028	.01615	2.6599	.70361	26.237
Stddev	.00001	.448	.00014	.00015	.00019	.0611	.00047	.268
%RSD	9.4503	.61625	23.260	54.841	1.2061	2.2959	.06645	1.0219

#1	.00012	72.422	.00070	.00017	.01629	2.7031	.70394	26.047
#2	.00014	73.056	.00051	.00039	.01601	2.6167	.70328	26.427

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	-.00023	105.86	.00879	.05642	6.9099	.00124	.20213
Stddev	.00038	.00035	.51	.00006	.00132	.0370	.00002	.00012
%RSD	6.3122	148.76	.48042	.71471	2.3336	.53556	1.9790	.05944

#1	.00636	-.00048	105.50	.00884	.05735	6.8838	.00126	.20221
#2	.00581	.00001	106.22	.00875	.05549	6.9361	.00122	.20204

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.793	F 11.015	-.00426	.00402	.01119	.1260	.56856	3.9540
Stddev	.012	.013	.00101	.00095	.00118	.0007	.00225	.0444
%RSD	.08460	.11949	23.818	23.541	10.536	.5537	.39546	1.1227

#1	13.801	11.024	-.00497	.00469	.01203	.1255	.56697	3.9226
#2	13.785	11.006	-.00354	.00335	.01036	.1265	.57015	3.9854

Sample Name: J5696-05DUP Acquired: 10/29/2018 19:26:31 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SW-01DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .34992
%RSD 422.70

#1 -.33021
#2 .16465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.3	33732.	3904.2	95.932	2508.4
Stddev	12.7	68.	12.5	2.607	11.0
%RSD	.61713	.20141	.31910	2.7178	.43751

#1	2054.3	33684.	3895.4	94.089	2500.6
#2	2072.3	33780.	3913.1	97.776	2516.1

Sample Name: J5696-05LX5 Acquired: 10/29/2018 19:30:33 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	-.00162	.00233	-.00094	-.00166	.05701	.05963	.00001
Stddev	.00195	.00046	.00130	.00351	.00009	.00612	.00014	.00012
%RSD	80.475	28.758	55.523	371.84	5.6827	10.738	.23457	2028.7

#1	.00104	-.00194	.00325	.00154	-.00173	.06134	.05973	.00009
#2	.00379	-.00129	.00142	-.00342	-.00159	.05268	.05953	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	15.466	.00014	-.00012	.00294	.52558	.15309	5.4653
Stddev	.00007	.046	.00025	.00013	.00019	.00141	.00076	.0156
%RSD	261.82	.29452	180.23	109.67	6.5066	.26748	.49739	.28470

#1	.00008	15.498	-.00004	-.00003	.00280	.52458	.15363	5.4763
#2	-.00002	15.434	.00031	-.00021	.00307	.52657	.15255	5.4543

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	.00015	20.595	.00170	.01150	1.1324	.00042	.03442
Stddev	.00017	.00010	.127	.00017	.00009	.0124	.00001	.00269
%RSD	10.014	65.998	.61430	9.9584	.81430	1.0983	1.4752	7.8029

#1	.00159	.00008	20.685	.00158	.01157	1.1412	.00042	.03252
#2	.00183	.00022	20.506	.00182	.01144	1.1236	.00041	.03632

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8586	2.4265	-.00152	-.00083	-.00572	.0269	.11848	1.2862
Stddev	.0118	.0239	.00010	.00050	.00036	.0003	.00012	.1193
%RSD	.41466	.98512	6.5089	59.449	6.2415	1.284	.09735	9.2728

#1	2.8670	2.4434	-.00159	-.00048	-.00547	.0272	.11840	1.3706
#2	2.8502	2.4096	-.00145	-.00118	-.00598	.0267	.11856	1.2019

Sample Name: J5696-05LX5 Acquired: 10/29/2018 19:30:33 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .02201
%RSD 10.466

#1 -.19475
#2 -.22587

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.0	35361.	4026.5	103.53	2744.6
Stddev	1.1	231.	48.3	.76	5.3
%RSD	.05038	.65428	1.1993	.73184	.19443

#1	2213.2	35197.	3992.3	103.00	2740.8
#2	2214.7	35524.	4060.6	104.07	2748.3

Sample Name: J5696-06 Acquired: 10/29/2018 19:34:36 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5696-05MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87403	2.0275	1.0655	2.0939	.90318	2.4647	.51001
Stddev	.00032	.0045	.0025	.0079	.00241	.0030	.00021
%RSD	.03646	.22302	.23657	.37850	.26634	.12199	.04064

#1	.87425	2.0243	1.0637	2.0995	.90488	2.4668	.51015
#2	.87380	2.0307	1.0673	2.0883	.90147	2.4626	.50986

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22303	.20841	72.568	.43257	.21617	.33896	5.8172
Stddev	.00044	.00082	.058	.00052	.00094	.00081	.0366
%RSD	.19673	.39239	.08053	.12022	.43584	.23889	.62962

#1	.22334	.20783	72.526	.43221	.21550	.33954	5.8431
#2	.22272	.20899	72.609	.43294	.21684	.33839	5.7913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90302	27.780	.52473	.07631	106.82	.33225	.26678
Stddev	.00066	.028	.00103	.00051	.15	.00111	.00131
%RSD	.07283	.10161	.19650	.67259	.13686	.33282	.49266

#1	.90256	27.800	.52400	.07595	106.71	.33146	.26585
#2	.90349	27.760	.52546	.07667	106.92	.33303	.26771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.895	.45636	.51346	F 13.514	F 11.887	.75644	.23188
Stddev	.065	.00136	.00706	.036	.047	.00013	.00032
%RSD	.36241	.29845	1.3753	.26968	.39445	.01729	.13931

#1	17.941	.45733	.50846	13.488	11.920	.75635	.23166
#2	17.849	.45540	.51845	13.539	11.854	.75653	.23211

Sample Name: J5696-06 Acquired: 10/29/2018 19:34:36 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5696-05MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23665	6.396	.76946	3.4893	F<.00000
Stddev	.00312	.014	.00109	.0345	.71545
%RSD	1.3166	.2251	.14189	.98726	34.011

#1	.23885	6.386	.76869	3.4649	-1.5977
#2	.23445	6.407	.77023	3.5137	-2.6095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.3	33983.	3878.3	95.041	2508.4
Stddev	19.3	108.	22.1	.144	10.1
%RSD	.92964	.31685	.56994	.15134	.40283

#1	2067.6	33907.	3862.6	94.940	2501.3
#2	2095.0	34059.	3893.9	95.143	2515.6

Sample Name: J5696-07 Acquired: 10/29/2018 19:38:26 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5696-05MSD Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87880	2.0246	1.0604	2.0959	.91201	2.5011	.50796
Stddev	.00654	.0052	.0010	.0006	.00442	.0089	.00409
%RSD	.74473	.25493	.09866	.02898	.48454	.35585	.80425

#1	.88343	2.0210	1.0596	2.0963	.90889	2.5074	.50507
#2	.87417	2.0283	1.0611	2.0955	.91514	2.4948	.51085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22427	.20868	72.979	.43438	.21618	.34061	5.7813
Stddev	.00142	.00037	.702	.00176	.00021	.00057	.0980
%RSD	.63204	.17613	.96134	.40592	.09860	.16662	1.6944

#1	.22527	.20842	72.483	.43563	.21603	.34021	5.8505
#2	.22327	.20894	73.475	.43314	.21634	.34102	5.7120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90945	27.946	.52310	.07631	106.89	.33443	.26315
Stddev	.00459	.018	.00088	.00013	.53	.00080	.00390
%RSD	.50421	.06599	.16752	.17391	.49598	.23819	1.4817

#1	.91269	27.933	.52248	.07621	106.52	.33500	.26591
#2	.90620	27.959	.52372	.07640	107.27	.33387	.26040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.945	.45872	.51226	F 13.494	F 11.929	.76024	.23596
Stddev	.015	.00050	.00808	.015	.052	.00149	.00021
%RSD	.08081	.10960	1.5779	.10978	.43339	.19552	.08734

#1	17.935	.45837	.50655	13.484	11.892	.75919	.23582
#2	17.955	.45908	.51798	13.505	11.965	.76129	.23611

Sample Name: J5696-07 Acquired: 10/29/2018 19:38:26 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5696-05MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23840	6.376	.77082	3.9693	F<.00000
Stddev	.00056	.007	.00461	.1752	1.3042
%RSD	.23418	.1091	.59825	4.4133	80.842

#1	.23880	6.371	.76756	4.0932	-2.5355
#2	.23801	6.381	.77408	3.8455	-.69107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.2	33848.	3878.4	96.407	2509.4
Stddev	2.9	243.	4.8	1.626	5.1
%RSD	.13792	.71922	.12357	1.6870	.20345

#1	2076.2	33676.	3875.0	95.257	2505.8
#2	2080.2	34020.	3881.8	97.557	2513.0

Sample Name: J5696-05A Acquired: 10/29/2018 19:42:16 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86679	2.0095	1.0527	2.0666	.89752	2.4620	.50293
Stddev	.00036	.0046	.0011	.0009	.00326	.0300	.00441
%RSD	.04133	.23157	.10666	.04227	.36361	1.2182	.87743

#1	.86704	2.0128	1.0519	2.0660	.89522	2.4408	.49980
#2	.86654	2.0062	1.0535	2.0672	.89983	2.4832	.50605

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22165	.20673	73.132	.43157	.21380	.33584	5.7210
Stddev	.00041	.00039	1.216	.00009	.00012	.00083	.0077
%RSD	.18588	.18852	1.6631	.02010	.05532	.24851	.13487

#1	.22136	.20701	72.272	.43164	.21371	.33525	5.7156
#2	.22194	.20646	73.992	.43151	.21388	.33643	5.7265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89946	27.638	.51838	.07525	106.15	.33105	.26345
Stddev	.00227	.106	.00207	.00008	.35	.00083	.00162
%RSD	.25229	.38481	.39977	.10221	.32509	.25131	.61639

#1	.89785	27.563	.51984	.07520	105.91	.33164	.26460
#2	.90106	27.713	.51691	.07531	106.40	.33046	.26230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.760	.45335	.51205	F 13.383	F 11.909	.74744	.22604
Stddev	.096	.00012	.00033	.031	.010	.00215	.00349
%RSD	.53901	.02543	.06511	.23499	.08458	.28779	1.5429

#1	17.693	.45343	.51181	13.405	11.916	.74897	.22850
#2	17.828	.45326	.51229	13.360	11.902	.74592	.22357

Sample Name: J5696-05A Acquired: 10/29/2018 19:42:16 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14087 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23551	6.308	.76309	3.4906	F<.00000
Stddev	.00005	.021	.00136	.1987	.21753
%RSD	.01930	.3283	.17875	5.6929	9.2983

#1	.23547	6.323	.76212	3.6311	-2.1857
#2	.23554	6.294	.76405	3.3501	-2.4933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.2	34146.	3881.6	96.272	2530.9
Stddev	4.9	35.	.3	.671	11.0
%RSD	.23252	.10323	.00659	.69665	.43656

#1	2097.7	34170.	3881.8	95.798	2523.1
#2	2104.6	34121.	3881.5	96.746	2538.8

Sample Name: J5696-08 Acquired: 10/29/2018 19:46:08 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SW-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00244	.00672	.00322	-.00034	.12985	.31083	-.00005
Stddev	.00279	.00104	.00083	.00332	.00166	.00591	.00109	.00001
%RSD	152.53	42.621	12.411	103.06	495.90	4.5515	.35166	26.397
#1	-.00014	-.00317	.00731	.00087	-.00151	.13403	.31005	-.00004
#2	.00381	-.00170	.00613	.00557	.00084	.12567	.31160	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	79.278	.00039	-.00015	.01058	3.0388	.89304	27.999
Stddev	.00008	.072	.00021	.00009	.00027	.0019	.00001	.322
%RSD	4391.4	.09132	52.615	60.733	2.5192	.06201	.00131	1.1485
#1	-.00006	79.227	.00053	-.00009	.01077	3.0402	.89304	27.772
#2	.00005	79.329	.00024	-.00022	.01039	3.0375	.89303	28.227
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	-.00041	114.24	.00792	.04946	7.3541	.00176	.21237
Stddev	.00018	.00026	.22	.00028	.00030	.0062	.00015	.00102
%RSD	3.1067	63.527	.19136	3.5952	.61622	.08381	8.3240	.48219
#1	.00583	-.00060	114.09	.00772	.04925	7.3498	.00186	.21165
#2	.00558	-.00023	114.39	.00812	.04968	7.3585	.00166	.21310
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.609	F 11.693	-.00474	.00001	.01383	.1108	.59913	4.2534
Stddev	.003	.014	.00071	.00037	.00093	.0007	.00090	.4150
%RSD	.01978	.11655	14.900	2943.0	6.7526	.6052	.14955	9.7581
#1	14.611	11.703	-.00524	-.00025	.01317	.1103	.59850	3.9599
#2	14.607	11.683	-.00424	.00027	.01449	.1113	.59976	4.5469

Sample Name: J5696-08 Acquired: 10/29/2018 19:46:08 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-SW-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.59064
Stddev	.29486
%RSD	49.921

#1	.79914
#2	.38215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.3	33359.	3854.5	94.926	2485.7
Stddev	9.3	74.	2.8	.400	17.3
%RSD	.45329	.22312	.07238	.42102	.69417

#1	2045.8	33306.	3852.5	94.643	2473.5
#2	2058.9	33411.	3856.5	95.208	2497.9

Sample Name: J5696-09 Acquired: 10/29/2018 19:50:11 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00386	-.00182	-.00198	.00275	.00091	.01605	-.00102
Stddev	.00213	.00136	.00063	.00067	.00022	.01514	.00001
%RSD	55.058	74.685	31.937	24.465	24.125	94.310	.67068

#1	-.00537	-.00278	-.00153	.00323	.00106	.00535	-.00101
#2	-.00236	-.00086	-.00243	.00227	.00075	.02676	-.00102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	.08277	.00039	-.00018	-.00072	.00754
Stddev	.00007	.00006	.00314	.00029	.00006	.00019	.00636
%RSD	1033.7	305.00	3.7938	76.519	34.615	26.357	84.273

#1	-.00004	.00002	.08055	.00018	-.00014	-.00059	.00305
#2	.00006	-.00006	.08499	.00059	-.00023	-.00085	.01204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.03567	.00112	.00002	F -1.2372	-.00027	.01791
Stddev	.00002	.02455	.00022	.00011	.0010	.00035	.00065
%RSD	4.1180	68.834	19.837	505.39	.07786	130.14	3.6428

#1	.00053	-.05303	.00127	-.00005	-1.2379	-.00002	.01837
#2	.00057	-.01831	.00096	.00010	-1.2365	-.00051	.01745

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.34718	.00025	-.00723	-.00080	.01463	-.00127	.00094
Stddev	.00234	.00015	.00079	.00021	.00011	.00024	.00087
%RSD	.67266	57.595	10.901	26.588	.72818	18.872	91.769

#1	-.34553	.00015	-.00668	-.00095	.01471	-.00143	.00156
#2	-.34883	.00035	-.00779	-.00065	.01456	-.00110	.00033

Sample Name: J5696-09 Acquired: 10/29/2018 19:50:11 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00997	.0043	.00016	<.00000	.30795
Stddev	.00074	.0014	.00002	.20924	.05958
%RSD	7.4650	32.75	12.671	43.165	19.349

#1	-.01050	.0033	.00017	-.33680	.26581
#2	-.00944	.0052	.00014	-.63271	.35008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.8	36370.	3924.0	96.717	2796.4
Stddev	12.8	221.	4.8	2.817	9.6
%RSD	.58031	.60651	.12164	2.9123	.34171

#1	2189.7	36214.	3920.6	94.725	2789.6
#2	2207.8	36526.	3927.4	98.708	2803.2

Sample Name: J5696-10 Acquired: 10/29/2018 19:54:17 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00563	-.00202	-.00067	.00426	.00013	.00852	-.00087
Stddev	.00353	.00052	.00103	.00041	.00057	.00777	.00020
%RSD	62.716	25.588	152.81	9.5587	427.35	91.242	23.539

#1	-.00313	-.00166	-.00140	.00397	.00054	.01401	-.00101
#2	-.00813	-.00239	.00005	.00455	-.00027	.00302	-.00072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00012	.01149	.00089	-.00022	-.00037	.00907
Stddev	.00004	.00006	.00505	.00004	.00015	.00019	.00719
%RSD	34.641	50.435	43.982	4.8429	68.493	52.332	79.301

#1	-.00014	-.00008	.01507	.00092	-.00011	-.00023	.01416
#2	-.00009	-.00016	.00792	.00086	-.00033	-.00051	.00398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.01143	.00131	-.00029	F -1.2432	-.00067	.01932
Stddev	.00002	.03678	.00043	.00023	.0108	.00002	.00017
%RSD	9.9088	321.79	32.804	77.279	.86620	2.5123	.90114

#1	.00022	.01458	.00162	-.00045	-1.2356	-.00066	.01944
#2	.00026	-.03743	.00101	-.00013	-1.2508	-.00068	.01920

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.34707	.00046	-.00394	-.00271	.00448	-.00225	-.00136
Stddev	.01260	.00007	.00830	.00159	.00467	.00067	.00039
%RSD	3.6292	15.149	210.66	58.643	104.27	29.619	28.325

#1	-.33816	.00050	-.00981	-.00384	.00778	-.00272	-.00109
#2	-.35597	.00041	.00193	-.00159	.00118	-.00178	-.00164

Sample Name: J5696-10 Acquired: 10/29/2018 19:54:17 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01085	.0020	.00004	<.00000	.32198
Stddev	.00055	.0019	.00018	.21449	.02830
%RSD	5.0343	94.05	412.06	125.63	8.7884

#1	-.01124	.0007	.00017	-.32239	.34199
#2	-.01046	.0034	-.00008	-.01906	.30197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.4	36894.	3994.8	100.42	2832.3
Stddev	5.7	107.	38.1	.88	8.6
%RSD	.25368	.28952	.95359	.87431	.30399

#1	2232.4	36969.	3967.9	99.800	2838.3
#2	2224.4	36818.	4021.7	101.04	2826.2

Sample Name: J5696-11 Acquired: 10/29/2018 19:58:23 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00558	-.00186	-.00023	.00057	.00068	.00328	-.00059
Stddev	.00199	.00155	.00124	.00057	.00035	.00330	.00039
%RSD	35.708	83.143	548.25	99.507	51.734	100.72	65.991

#1	-.00417	-.00077	-.00110	.00098	.00043	.00094	-.00032
#2	-.00699	-.00296	.00065	.00017	.00093	.00561	-.00087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00005	.02594	.00098	-.00014	-.00044	.01250
Stddev	.00000	.00001	.00515	.00022	.00003	.00034	.00563
%RSD	3.4373	17.542	19.869	22.695	19.847	77.277	45.014

#1	-.00010	-.00004	.02230	.00113	-.00012	-.00020	.01648
#2	-.00010	-.00006	.02958	.00082	-.00016	-.00069	.00852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00930	.00104	.00037	F -1.2574	-.00038	.02069
Stddev	.00000	.00781	.00004	.00072	.0022	.00032	.00026
%RSD	1.5282	83.993	3.4007	193.44	.17128	84.285	1.2395

#1	.00022	-.01482	.00106	.00088	-1.2589	-.00015	.02050
#2	.00022	-.00378	.00101	-.00014	-1.2558	-.00061	.02087

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.34031	.00016	-.00686	-.00387	.00511	-.00119	-.00114
Stddev	.03961	.00005	.00716	.00085	.00038	.00034	.00087
%RSD	11.638	32.361	104.38	21.987	7.4643	28.611	76.685

#1	-.36832	.00019	-.01193	-.00447	.00538	-.00095	-.00176
#2	-.31231	.00012	-.00180	-.00327	.00484	-.00142	-.00052

Sample Name: J5696-11 Acquired: 10/29/2018 19:58:23 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB-2018.10.2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01124	.0015	.00003	.04396	.32202
Stddev	.00079	.0002	.00009	.19098	.49888
%RSD	7.0072	10.71	266.35	434.43	154.92

#1	-.01068	.0016	.00010	.17901	.67477
#2	-.01179	.0014	-.00003	-.09108	-.03074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.1	36259.	3956.0	99.367	2784.0
Stddev	14.8	125.	43.6	.707	24.2
%RSD	.67663	.34337	1.1016	.71161	.86976

#1	2202.6	36171.	3925.2	99.867	2801.1
#2	2181.6	36348.	3986.8	98.867	2766.9

Sample Name: CCV07 Acquired: 10/29/2018 20:02:27 Type: Unk
Method: P4-ICP2(v2527) 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	5.0250	4.9275	5.0746	4.9329	5.0811	10.126	9.7418	.25789
Stddev	.0208	.0316	.0280	.0194	.0208	.012	.0625	.00009
%RSD	.41311	.64144	.55202	.39326	.40914	.11481	.64112	.03403
#1	5.0103	4.9052	5.0548	4.9192	5.0664	10.118	9.7859	.25782
#2	5.0397	4.9499	5.0944	4.9466	5.0958	10.135	9.6976	.25795
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4853	24.829	1.0026	2.5076	1.2443	4.7796	2.5604	24.318
Stddev	.0132	.261	.0012	.0129	.0093	.0985	.0036	.088
%RSD	.53207	1.0529	.11899	.51252	.74722	2.0605	.14228	.36060
#1	2.4759	25.013	1.0018	2.4985	1.2377	4.8492	2.5630	24.256
#2	2.4946	24.644	1.0035	2.5167	1.2509	4.7099	2.5578	24.380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4406	1.2274	23.564	2.4232	2.4948	24.241	4.9149	4.8346
Stddev	.0152	.0023	.194	.0006	.0787	.151	.0269	.0059
%RSD	.62334	.18781	.82514	.02389	3.1559	.62363	.54725	.12259
#1	2.4298	1.2258	23.702	2.4236	2.5505	24.348	4.8959	4.8388
#2	2.4513	1.2291	23.427	2.4228	2.4391	24.134	4.9339	4.8304
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7276	4.9389	5.0013	4.8967	4.8534	4.958	4.8086	F 2.3224
Stddev	.0234	.0669	.0302	.0056	.0357	.033	.0309	.1956
%RSD	.49461	1.3547	.60479	.11386	.73589	.6612	.64290	8.4245
#1	4.7111	4.9862	4.9799	4.8927	4.8787	4.935	4.8304	2.1841
#2	4.7442	4.8916	5.0226	4.9006	4.8281	4.982	4.7867	2.4608

Sample Name: CCV07 Acquired: 10/29/2018 20:02:27 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7584
Stddev .3637
%RSD 13.184

#1 2.5012
#2 3.0155

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.7	35518.	4006.2	98.958	2608.7
Stddev	9.3	23.	45.6	3.061	17.0
%RSD	.41722	.06508	1.1386	3.0937	.65197

#1	2232.3	35502.	3973.9	96.793	2620.7
#2	2219.1	35535.	4038.5	101.12	2596.6

Sample Name: CCB07 Acquired: 10/29/2018 20:06:12 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7626 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00113	-.00032	.00128	.00094	-.00378	-.00097
Stddev	.00121	.00002	.00087	.00111	.00109	.00111	.00024
%RSD	154.50	1.8689	270.72	87.091	115.01	29.330	24.637

#1	-.00165	-.00114	-.00094	.00049	.00171	-.00300	-.00080
#2	.00007	-.00111	.00029	.00206	.00018	-.00457	-.00114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00002	.00199	.00041	-.00021	-.00033	.00193
Stddev	.00004	.00003	.00520	.00029	.00010	.00034	.01358
%RSD	66.644	139.61	261.45	72.266	47.046	101.95	704.47

#1	.00003	-.00000	.00567	.00061	-.00014	-.00057	-.00768
#2	.00009	-.00004	-.00169	.00020	-.00028	-.00009	.01153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.05863	.00053	-.00047	-.44156	-.00023	-.00106
Stddev	.00000	.02223	.00008	.00022	.01374	.00034	.00003
%RSD	16.102	37.908	15.507	46.849	3.1126	145.76	2.5414

#1	-.00002	-.04291	.00058	-.00063	-.45128	-.00047	-.00108
#2	-.00003	-.07434	.00047	-.00032	-.43184	.00001	-.00104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.36242	.00056	-.00395	-.00325	-.00333	-.00179	-.00176
Stddev	.02461	.00017	.00711	.00093	.00217	.00012	.00239
%RSD	6.7904	30.657	180.11	28.725	65.388	6.9779	136.40

#1	-.34501	.00044	.00108	-.00391	-.00179	-.00188	-.00345
#2	-.37982	.00068	-.00898	-.00259	-.00486	-.00170	-.00006

Sample Name: CCB07 Acquired: 10/29/2018 20:06:12 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7626 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00277	-0.0004	-0.00010	F<.00000	F .41970
Stddev	.00009	.0009	.00004	.52527	.24708
%RSD	3.3751	233.6	45.324	89.893	58.872

#1	-0.00270	-0.0010	-0.00007	-0.95575	.59441
#2	-0.00283	.0003	-0.00013	-0.21291	.24498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.6	37474.	4085.1	104.92	2909.5
Stddev	11.4	26.	11.3	.32	13.1
%RSD	.48975	.06980	.27758	.30329	.45104

#1	2315.6	37456.	4077.1	105.14	2900.2
#2	2331.7	37493.	4093.2	104.69	2918.8

Sample Name: PB114265BL Acquired: 10/29/2018 20:10:17 Type: Unk
Method: P4-ICP2(v2527) 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	-.00143	-.00032	-.00045	.00022	-.00033	-.00405	-.00035
Stddev	.00213	.00090	.00015	.00124	.00047	.00295	.00030
%RSD	149.16	282.80	34.045	559.00	142.97	72.724	87.158

#1	-.00293	-.00095	-.00056	.00110	.00000	-.00614	-.00056
#2	.00008	.00032	-.00034	-.00066	-.00066	-.00197	-.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00006	.00858	.00017	.00009	-.00022	-.01103
Stddev	.00003	.00000	.00730	.00017	.00001	.00012	.00345
%RSD	43.402	.18417	85.141	98.478	8.3086	54.668	31.229

#1	.00004	.00006	.00341	.00005	.00008	-.00013	-.01347
#2	.00008	.00006	.01374	.00030	.00009	-.00030	-.00860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.03387	.00012	-.00003	F -1.2720	-.00015	-.00046
Stddev	.00004	.01422	.00034	.00002	.0080	.00006	.00010
%RSD	174.77	41.974	287.37	47.464	.62786	38.352	21.680

#1	-.00001	-.02382	.00036	-.00002	-1.2776	-.00011	-.00054
#2	.00005	-.04392	-.00012	-.00004	-1.2663	-.00019	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.36986	.00039	-.00777	-.00244	-.00118	-.00108	-.00159
Stddev	.01260	.00004	.00143	.00137	.00107	.00044	.00207
%RSD	3.4078	9.8646	18.341	56.243	90.981	41.036	129.83

#1	-.37877	.00041	-.00878	-.00342	-.00194	-.00077	-.00305
#2	-.36095	.00036	-.00677	-.00147	-.00042	-.00139	-.00013

Sample Name: PB114265BL Acquired: 10/29/2018 20:10:17 Type: Unk
Method: P4-ICP2(v2527) 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	-.00999	.0003	-.00011	<.00000	.50645
Stddev	.00006	.0007	.00004	.33366	.73136
%RSD	.55400	201.8	34.367	300.75	144.41

#1	-.00995	-.0001	-.00009	-.34688	1.0236
#2	-.01003	.0008	-.00014	.12499	-.01070

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.2	36245.	3951.9	100.50	2818.0
Stddev	.7	35.	20.2	.59	4.0
%RSD	.03038	.09703	.51125	.58632	.14334

#1	2257.7	36270.	3966.1	100.92	2815.2
#2	2258.7	36220.	3937.6	100.08	2820.9

Sample Name: PB114265BS Acquired: 10/29/2018 20:14:23 Type: Unk
Method: P4-ICP2(v2527) 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	.73445	1.8286	.92145	1.8386	.74805	1.7901	.18944
Stddev	.00305	.0021	.00233	.0073	.00668	.0113	.00175
%RSD	.41468	.11400	.25283	.39646	.89361	.63346	.92231

#1	.73660	1.8301	.92310	1.8437	.75278	1.7981	.19068
#2	.73230	1.8272	.91981	1.8334	.74332	1.7821	.18820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19029	.18055	.95475	.37510	.18252	.29112	2.6635
Stddev	.00027	.00027	.00288	.00011	.00030	.00068	.0103
%RSD	.14051	.14836	.30200	.03045	.16582	.23381	.38556

#1	.19048	.18074	.95679	.37502	.18273	.29160	2.6708
#2	.19010	.18036	.95271	.37519	.18230	.29063	2.6562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19876	1.8948	.44880	.06542	3.1539	.27355	.19101
Stddev	.00001	.0378	.00144	.00003	.0379	.00137	.00091
%RSD	.00578	1.9926	.32187	.04798	1.2032	.49918	.47880

#1	.19875	1.8681	.44982	.06539	3.1807	.27258	.19037
#2	.19877	1.9215	.44778	.06544	3.1271	.27451	.19166

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0398	.37103	.27219	8.8686	.89431	.63400	.18717
Stddev	.1000	.00149	.00402	.0247	.00534	.00067	.00090
%RSD	1.1058	.40248	1.4775	.27824	.59696	.10642	.48308

#1	9.1105	.37208	.27504	8.8860	.89809	.63448	.18780
#2	8.9691	.36997	.26935	8.8511	.89054	.63353	.18653

Sample Name: PB114265BS Acquired: 10/29/2018 20:14:23 Type: Unk
Method: P4-ICP2(v2527) 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	.17904	6.167	.18624	<.00000	F<.00000
Stddev	.00173	.008	.00114	.18204	.20045
%RSD	.96822	.1240	.61346	48.518	17.060

#1	.18026	6.172	.18705	-.24648	-1.3167
#2	.17781	6.161	.18543	-.50393	-1.0332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.2	36551.	3954.7	102.53	2825.7
Stddev	11.0	27.	20.1	.25	15.9
%RSD	.48424	.07393	.50829	.24713	.56419

#1	2271.4	36531.	3940.5	102.71	2814.4
#2	2287.0	36570.	3968.9	102.35	2837.0

Sample Name: PB114265TB Acquired: 10/29/2018 20:18:14 Type: Unk
Method: P4-ICP2(v2527) 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	-.00628	-.00369	.00051	.00453	.00023	-.00408	-.00112	-.00003
Stddev	.00000	.00137	.00078	.00510	.00025	.01030	.00000	.00006
%RSD	.04234	37.152	155.02	112.72	109.48	252.51	.04826	187.57

#1	-.00628	-.00272	-.00005	.00092	.00041	.00320	-.00111	.00001
#2	-.00628	-.00466	.00106	.00814	.00005	-.01136	-.00112	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01705	.00089	-.00025	-.00061	-.00129	.00017	-.01858
Stddev	.00011	.01656	.00029	.00033	.00016	.00674	.00000	.01211
%RSD	547.69	97.102	32.494	129.55	26.552	524.47	2.4867	65.177

#1	-.00006	.02876	.00068	-.00048	-.00072	.00348	.00017	-.01002
#2	.00010	.00534	.00109	-.00002	-.00049	-.00605	.00016	-.02714

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	.00159	327.06	-.00029	.00335	-.31661	.00027	-.00720
Stddev	.00015	.00051	.03	.00038	.00003	.01200	.00003	.00127
%RSD	6.0214	32.332	.00939	131.66	.93482	3.7892	9.2642	17.612

#1	.00258	.00196	327.04	-.00056	.00338	-.30813	.00026	-.00810
#2	.00237	.00123	327.08	-.00002	.00333	-.32510	.00029	-.00630

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	.01143	.00056	.00040	-.00887	.0036	-.00006	1.1530
Stddev	.00097	.00020	.00003	.00090	.00135	.0003	.00006	.1048
%RSD	45.792	1.7908	4.6279	223.49	15.207	9.529	109.88	9.0858

#1	-.00143	.01129	.00058	.00104	-.00982	.0039	-.00001	1.2271
#2	-.00279	.01158	.00055	-.00023	-.00791	.0034	-.00010	1.0789

Sample Name: PB114265TB Acquired: 10/29/2018 20:18:14 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .14252
Stddev .19024
%RSD 133.48

#1 .27703
#2 .00800

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.3	33310.	3949.3	98.971	2507.2
Stddev	3.2	31.	2.2	1.125	10.0
%RSD	.15339	.09280	.05502	1.1372	.39900

#1	2097.0	33331.	3950.8	98.175	2500.1
#2	2101.6	33288.	3947.8	99.767	2514.2

Sample Name: J5194-08 Acquired: 10/29/2018 20:22:25 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.00596	.00500	.00153	-.00168	.10665	.14204	.00004
Stddev	.00052	.00067	.00025	.00078	.00102	.00309	.00133	.00002
%RSD	151.31	11.287	4.9800	50.872	60.800	2.8949	.93496	51.784

#1	.00002	-.00643	.00517	.00098	-.00240	.10883	.14110	.00003
#2	-.00071	-.00548	.00482	.00207	-.00096	.10447	.14298	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	89.337	-.00110	.00792	.00478	.10033	1.8181	5.5111
Stddev	.00006	.803	.00005	.00013	.00018	.01091	.0126	.0576
%RSD	20.756	.89931	4.4642	1.5969	3.7864	10.873	.69142	1.0443

#1	.00026	88.769	-.00114	.00783	.00491	.10805	1.8270	5.4704
#2	.00035	89.905	-.00107	.00801	.00465	.09262	1.8092	5.5518

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00810	.00027	333.27	-.00015	.03462	1.0169	.00013	.01231
Stddev	.00002	.00034	1.16	.00026	.00065	.0076	.00050	.00081
%RSD	.20698	125.66	.34818	166.18	1.8747	.74269	390.43	6.5979

#1	.00811	.00051	334.09	-.00034	.03416	1.0116	.00048	.01173
#2	.00809	.00003	332.45	.00003	.03508	1.0223	-.00023	.01288

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6827	2.8297	.00072	-.00147	-.00720	.0043	.41467	5.2107
Stddev	.0003	.0149	.00203	.00129	.00084	.0003	.00041	.1504
%RSD	.01530	.52610	280.34	87.649	11.654	7.772	.09912	2.8862

#1	1.6829	2.8192	-.00071	-.00238	-.00660	.0046	.41438	5.3171
#2	1.6825	2.8402	.00216	-.00056	-.00779	.0041	.41496	5.1044

Sample Name: J5194-08 Acquired: 10/29/2018 20:22:25 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .71674
%RSD 140.22

#1 -1.0179
#2 -.00433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.9	33440.	4043.2	98.438	2470.9
Stddev	3.8	248.	7.1	1.128	3.8
%RSD	.17788	.74090	.17679	1.1455	.15540

#1	2113.3	33264.	4048.2	99.235	2468.2
#2	2118.6	33615.	4038.1	97.641	2473.6

Sample Name: J5194-08DUP Acquired: 10/29/2018 20:26:34 Type: Unk
Method: P4-ICP2(v2527) 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	-.00085	-.00308	.00514	.00688	-.00260	.08892	.14041	.00002
Stddev	.00014	.00017	.00037	.00402	.00084	.01155	.00398	.00000
%RSD	16.927	5.6511	7.1648	58.494	32.427	12.986	2.8341	19.008

#1	-.00075	-.00296	.00488	.00403	-.00320	.09709	.13760	.00003
#2	-.00095	-.00320	.00540	.00973	-.00201	.08076	.14323	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	88.516	-.00083	.00809	.00534	.09153	1.8195	5.4584
Stddev	.00006	2.280	.00025	.00000	.00027	.00086	.0001	.0899
%RSD	16.800	2.5760	30.709	.04148	5.0516	.94035	.00453	1.6471

#1	.00033	86.904	-.00065	.00809	.00515	.09092	1.8194	5.3948
#2	.00042	90.129	-.00101	.00809	.00553	.09213	1.8196	5.5220

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00840	.00016	332.43	-.00021	.03412	1.0346	.00021	.01485
Stddev	.00013	.00028	2.84	.00024	.00047	.0489	.00031	.00956
%RSD	1.5941	174.88	.85308	115.41	1.3774	4.7262	145.99	64.351

#1	.00831	-.00004	330.43	-.00004	.03379	1.0001	-.00001	.02161
#2	.00850	.00036	334.44	-.00038	.03446	1.0692	.00043	.00809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7244	2.7983	.00133	-.00278	-.00507	.0048	.41228	4.6453
Stddev	.0032	.0543	.00107	.00098	.00094	.0011	.01162	.1972
%RSD	.18318	1.9420	80.122	35.185	18.515	23.24	2.8177	4.2450

#1	1.7266	2.7599	.00209	-.00347	-.00574	.0040	.40407	4.7847
#2	1.7222	2.8367	.00058	-.00208	-.00441	.0055	.42050	4.5058

Sample Name: J5194-08DUP Acquired: 10/29/2018 20:26:34 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .40249
%RSD 5679.5

#1 .27752
#2 -.29169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.8	33509.	4120.5	101.47	2426.7
Stddev	5.2	88.	79.0	1.76	3.7
%RSD	.24977	.26411	1.9173	1.7302	.15393

#1	2072.1	33446.	4176.4	102.71	2424.0
#2	2079.5	33572.	4064.7	100.23	2429.3

Sample Name: J5194-08LX5 Acquired: 10/29/2018 20:30:44 Type: Unk
Method: P4-ICP2(v2527) 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	.00141	-.00124	.00051	.00442	-.00160	.02372	.02779	.00004
Stddev	.00019	.00109	.00115	.00093	.00049	.01273	.00052	.00005
%RSD	13.215	88.331	224.60	21.023	30.631	53.657	1.8771	124.27

#1	.00127	-.00201	-.00030	.00376	-.00195	.03272	.02742	.00008
#2	.00154	-.00047	.00133	.00508	-.00126	.01472	.02816	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	18.600	-.00055	.00132	.00054	.02128	.37821	1.1341
Stddev	.00008	.005	.00020	.00010	.00004	.01313	.00129	.0104
%RSD	132.15	.02917	35.668	7.8719	7.6919	61.698	.34240	.91995

#1	.00011	18.596	-.00041	.00125	.00057	.03057	.37729	1.1415
#2	.00000	18.604	-.00069	.00140	.00051	.01200	.37912	1.1268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00029	67.479	-.00030	.00737	-.01087	.00010	-.00174
Stddev	.00044	.00008	.162	.00027	.00026	.01862	.00019	.00304
%RSD	23.616	26.672	.24042	88.607	3.4775	171.27	199.99	174.57

#1	.00157	-.00024	67.364	-.00049	.00719	-.02404	.00023	.00041
#2	.00220	-.00035	67.594	-.00011	.00755	.00230	-.00004	-.00390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32875	.60419	.00083	-.00093	-.00640	.0015	.08530	1.3281
Stddev	.00237	.00529	.00004	.00077	.00007	.0008	.00008	.0272
%RSD	.72165	.87596	5.0842	83.672	1.1624	54.33	.09163	2.0495

#1	.33043	.60044	.00086	-.00147	-.00645	.0009	.08525	1.3089
#2	.32707	.60793	.00080	-.00038	-.00635	.0020	.08536	1.3474

Sample Name: J5194-08LX5 Acquired: 10/29/2018 20:30:44 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.03172
Stddev	.79006
%RSD	2490.9

#1	.59037
#2	-.52694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.7	35443.	4059.6	101.84	2671.7
Stddev	7.7	69.	19.0	1.82	1.7
%RSD	.34912	.19399	.46906	1.7900	.06207

#1	2197.3	35492.	4073.0	103.13	2672.9
#2	2208.1	35394.	4046.1	100.56	2670.5

Sample Name: J5194-08MS Acquired: 10/29/2018 20:34:48 Type: Unk
Method: P4-ICP2(v2527) 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	.89532	2.0523	1.0733	2.2248	.91475	2.4439	.36231
Stddev	.00295	.0015	.0040	.0076	.00005	.0193	.01138
%RSD	.32920	.07371	.37202	.34087	.00527	.78913	3.1414

#1	.89323	2.0533	1.0761	2.2302	.91479	2.4303	.35426
#2	.89740	2.0512	1.0705	2.2195	.91472	2.4576	.37036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23073	.21619	88.589	.43389	.22770	.32599	3.2293
Stddev	.00067	.00053	1.827	.00192	.00074	.00084	.1368
%RSD	.28844	.24521	2.0621	.44149	.32344	.25673	4.2357

#1	.23120	.21656	87.298	.43253	.22718	.32540	3.1326
#2	.23026	.21581	89.881	.43524	.22822	.32658	3.3260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9845	7.4753	.53997	.08006	333.63	.32887	.23801
Stddev	.0038	.1691	.00058	.00033	6.12	.00079	.00728
%RSD	.19033	2.2617	.10757	.41052	1.8356	.24013	3.0589

#1	1.9872	7.3558	.53955	.07983	329.30	.32943	.23286
#2	1.9819	7.5949	.54038	.08030	337.96	.32831	.24316

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.393	.45728	.33587	1.6766	3.7513	.78179	.22335
Stddev	.337	.00155	.00552	.0044	.0763	.00031	.00499
%RSD	2.7199	.33790	1.6443	.26387	2.0346	.03982	2.2357

#1	12.154	.45837	.33196	1.6797	3.6973	.78157	.21982
#2	12.631	.45619	.33977	1.6735	3.8052	.78201	.22688

Sample Name: J5194-08MS Acquired: 10/29/2018 20:34:48 Type: Unk
 Method: P4-ICP2(v2527) 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	.22057	6.799	.62185	4.6747	F<.00000
Stddev	.00702	.005	.01383	.3972	.45302
%RSD	3.1812	.0759	2.2239	8.4974	23.970

#1	.21561	6.803	.61207	4.9555	-1.5696
#2	.22553	6.796	.63162	4.3938	-2.2103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.0	33978.	4105.1	101.36	2441.8
Stddev	1.4	103.	65.9	3.18	.3
%RSD	.06527	.30315	1.6045	3.1401	.01046

#1	2105.0	33905.	4151.7	103.61	2441.7
#2	2107.0	34051.	4058.5	99.108	2442.0

Sample Name: J5194-08MSD Acquired: 10/29/2018 20:38:46 Type: Unk
Method: P4-ICP2(v2527) 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	.90406	2.0683	1.0866	2.2528	.92688	2.4167	.37096
Stddev	.00056	.0034	.0006	.0061	.00126	.0068	.00165
%RSD	.06226	.16288	.05562	.27148	.13548	.28141	.44395

#1	.90366	2.0707	1.0870	2.2484	.92600	2.4119	.36980
#2	.90446	2.0659	1.0861	2.2571	.92777	2.4215	.37213

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23185	.21799	91.316	.43659	.23019	.32925	3.2961
Stddev	.00065	.00009	.716	.00153	.00021	.00015	.0292
%RSD	.28005	.04108	.78369	.34961	.09123	.04610	.88510

#1	.23139	.21792	90.810	.43551	.23004	.32936	3.2755
#2	.23231	.21805	91.822	.43767	.23034	.32914	3.3167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9923	7.7205	.54541	.07982	341.78	.33175	.24311
Stddev	.0030	.1560	.00077	.00066	4.88	.00048	.00363
%RSD	.15035	2.0209	.14190	.83185	1.4269	.14486	1.4939

#1	1.9902	7.6102	.54596	.07935	338.34	.33141	.24055
#2	1.9945	7.8308	.54487	.08029	345.23	.33209	.24568

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.692	.46169	.33367	1.6910	3.8755	.78758	.23039
Stddev	.135	.00086	.00789	.0105	.0171	.00089	.00154
%RSD	1.0642	.18714	2.3654	.62129	.44115	.11322	.66658

#1	12.597	.46230	.32809	1.6985	3.8634	.78695	.22931
#2	12.788	.46108	.33925	1.6836	3.8876	.78821	.23148

Sample Name: J5194-08MSD Acquired: 10/29/2018 20:38:46 Type: Unk
 Method: P4-ICP2(v2527) 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	.22849	6.862	.64245	4.4101	F<.00000
Stddev	.00044	.018	.00135	.2041	.76794
%RSD	.19327	.2548	.20985	4.6274	57.405

#1	.22880	6.874	.64340	4.5544	-.79474
#2	.22818	6.849	.64149	4.2658	-1.8808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.0	33858.	3971.3	99.427	2424.8
Stddev	2.8	84.	28.8	1.377	.3
%RSD	.13392	.24950	.72439	1.3846	.01127

#1	2087.0	33798.	3991.6	100.40	2424.6
#2	2091.0	33917.	3951.0	98.453	2425.0

Sample Name: J5194-08A Acquired: 10/29/2018 20:42:43 Type: Unk
Method: P4-ICP2(v2527) 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	.89092	2.0269	1.0661	2.2216	.90830	2.3829	.36895
Stddev	.00312	.0021	.0022	.0034	.00021	.0360	.00167
%RSD	.35058	.10279	.20675	.15067	.02331	1.5121	.45341

#1	.89313	2.0254	1.0646	2.2192	.90845	2.4084	.36776
#2	.88872	2.0284	1.0677	2.2240	.90815	2.3574	.37013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22757	.21395	89.531	.42786	.22574	.32253	3.3588
Stddev	.00426	.00097	.554	.00678	.00114	.00084	.1856
%RSD	1.8708	.45196	.61919	1.5852	.50476	.26178	5.5254

#1	.23058	.21326	89.139	.43265	.22494	.32193	3.2275
#2	.22456	.21463	89.923	.42306	.22655	.32313	3.4900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9557	7.6004	.53609	.07825	339.50	.32561	.24747
Stddev	.0382	.1015	.00172	.00141	1.56	.00565	.01258
%RSD	1.9558	1.3348	.32056	1.8074	.45898	1.7367	5.0839

#1	1.9827	7.5287	.53488	.07925	340.60	.32961	.23857
#2	1.9286	7.6721	.53731	.07725	338.40	.32161	.25636

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.617	.45284	.33712	1.6541	3.8007	.77799	.22478
Stddev	.097	.00139	.00298	.0096	.0198	.00559	.00124
%RSD	.77105	.30788	.88359	.58076	.52135	.71870	.55288

#1	12.548	.45185	.33923	1.6609	3.7867	.77404	.22390
#2	12.686	.45382	.33502	1.6473	3.8147	.78195	.22565

Sample Name: J5194-08A Acquired: 10/29/2018 20:42:43 Type: Unk
 Method: P4-ICP2(v2527) 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	.22571	6.747	.63585	4.2797	F<.00000
Stddev	.00250	.011	.00244	.3384	.32198
%RSD	1.1080	.1589	.38443	7.9076	28.055

#1	.22394	6.740	.63413	4.5190	-.92002
#2	.22748	6.755	.63758	4.0404	-1.3754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.1	34363.	4042.1	97.896	2468.2
Stddev	4.5	676.	20.9	4.563	6.0
%RSD	.20903	1.9673	.51661	4.6616	.24421

#1	2133.2	33885.	4056.9	101.12	2472.5
#2	2127.0	34841.	4027.4	94.669	2463.9

Sample Name: J5194-10 Acquired: 10/29/2018 20:46:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	-.00457	.08206	.00556	-.00094	.06654	.18349	-.00003
Stddev	.00138	.00261	.00104	.00196	.00030	.01287	.00005	.00003
%RSD	128.46	56.986	1.2651	35.177	31.945	19.346	.02596	111.14

#1	-.00205	-.00641	.08279	.00418	-.00115	.07565	.18352	-.00005
#2	-.00010	-.00273	.08133	.00695	-.00073	.05744	.18345	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	83.494	-.00042	.01003	.01463	.08900	1.5167	5.4052
Stddev	.00001	.357	.00001	.00001	.00085	.01441	.0348	.0265
%RSD	1.5028	.42698	3.2886	.06458	5.8224	16.188	2.2942	.48993

#1	.00090	83.747	-.00043	.01003	.01403	.09919	1.5413	5.3865
#2	.00092	83.242	-.00041	.01002	.01523	.07882	1.4921	5.4239

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01389	.00047	322.51	-.00032	.07416	1.2055	.00033	.01852
Stddev	.00074	.00007	1.10	.00002	.00024	.0403	.00015	.00007
%RSD	5.3451	15.537	.34126	5.6244	.32321	3.3462	44.622	.38459

#1	.01442	.00053	323.29	-.00033	.07399	1.1770	.00023	.01857
#2	.01337	.00042	321.73	-.00031	.07433	1.2340	.00044	.01847

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75107	2.0405	.00103	-.00196	-.00380	.0024	.31376	4.5405
Stddev	.00047	.0221	.00114	.00019	.00059	.0015	.00065	.2285
%RSD	.06311	1.0830	110.28	9.8013	15.486	62.46	.20607	5.0315

#1	.75074	2.0561	.00184	-.00183	-.00422	.0014	.31421	4.7021
#2	.75141	2.0249	.00023	-.00210	-.00339	.0035	.31330	4.3790

Sample Name: J5194-10 Acquired: 10/29/2018 20:46:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .09880
%RSD 11.421

#1 -.93494
#2 -.79521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.0	33994.	4047.1	97.875	2454.1
Stddev	15.7	713.	27.0	.493	12.3
%RSD	.75233	2.0963	.66611	.50371	.50137

#1	2070.9	33490.	4028.1	97.527	2445.4
#2	2093.1	34498.	4066.2	98.224	2462.8

Sample Name: CCV08 Acquired: 10/29/2018 20:50:51 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0419	4.9146	5.0172	4.9631	5.0924	10.239	9.7925	.25426
Stddev	.0027	.0029	.0031	.0352	.0160	.011	.0117	.00035
%RSD	.05274	.05879	.06173	.70957	.31419	.10461	.11920	.13623
#1	5.0437	4.9166	5.0194	4.9880	5.1037	10.231	9.7843	.25401
#2	5.0400	4.9125	5.0150	4.9382	5.0811	10.247	9.8008	.25450
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4663	24.453	1.0008	2.4843	1.2447	4.7902	2.5344	24.063
Stddev	.0012	.192	.0041	.0004	.0062	.1581	.0003	.137
%RSD	.04789	.78388	.40928	.01831	.49426	3.3011	.01152	.56888
#1	2.4671	24.588	.99793	2.4840	1.2491	4.6784	2.5346	23.966
#2	2.4655	24.317	1.0037	2.4846	1.2404	4.9020	2.5342	24.160
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4253	1.2285	23.812	2.4243	2.4507	24.200	4.9256	4.8421
Stddev	.0018	.0017	.067	.0008	.0571	.049	.0251	.0360
%RSD	.07446	.14148	.28206	.03195	2.3302	.20363	.51055	.74337
#1	2.4266	1.2297	23.765	2.4248	2.4103	24.235	4.9433	4.8166
#2	2.4240	1.2273	23.860	2.4237	2.4911	24.165	4.9078	4.8675
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7118	4.8264	4.9609	4.9311	4.8655	4.970	4.8477	F 1.1679
Stddev	.0169	.0106	.0032	.0297	.0109	.007	.0063	.4887
%RSD	.35916	.21964	.06364	.60318	.22453	.1415	.13075	41.846
#1	4.7238	4.8339	4.9631	4.9100	4.8732	4.975	4.8432	.82235
#2	4.6999	4.8189	4.9587	4.9521	4.8578	4.965	4.8522	1.5135

Sample Name: CCV08 Acquired: 10/29/2018 20:50:51 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14090 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5365
Stddev	.8585
%RSD	33.845

#1	3.1435
#2	1.9294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.7	36440.	4173.7	102.28	2661.5
Stddev	14.1	99.	25.8	2.19	6.5
%RSD	.62158	.27263	.61734	2.1372	.24396

#1	2253.8	36370.	4155.5	103.83	2656.9
#2	2273.7	36510.	4191.9	100.74	2666.1

Sample Name: CCB08 Acquired: 10/29/2018 20:54:36 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	.00122	-.00060	.00127	-.00002	-.00131	-.00133
Stddev	.00113	.00036	.00033	.00044	.00077	.00180	.00001
%RSD	73.459	29.524	54.839	34.429	3876.0	136.85	.64314

#1	-.00234	.00097	-.00083	.00096	.00052	-.00004	-.00132
#2	-.00074	.00148	-.00037	.00158	-.00056	-.00259	-.00133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00011	.00199	-.00019	-.00001	-.00030	-.00673
Stddev	.00008	.00007	.02417	.00032	.00030	.00028	.00050
%RSD	217.67	69.396	1214.9	170.08	2263.9	95.477	7.3709

#1	.00009	.00016	-.01510	.00004	.00020	-.00010	-.00638
#2	-.00002	.00005	.01908	-.00041	-.00023	-.00050	-.00709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.05679	.00074	-.00012	-.26651	-.00059	-.00105
Stddev	.00003	.04458	.00001	.00015	.00420	.00008	.00004
%RSD	64.114	78.497	.98838	124.85	1.5741	13.670	3.5352

#1	-.00002	-.08832	.00075	-.00022	-.26948	-.00065	-.00108
#2	-.00006	-.02527	.00074	-.00001	-.26354	-.00054	-.00103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.32488	.00073	-.00610	-.00558	-.00423	-.00095	-.00173
Stddev	.02174	.00013	.00116	.00093	.00261	.00061	.00070
%RSD	6.6908	18.399	18.986	16.683	61.776	64.667	40.467

#1	-.34025	.00064	-.00692	-.00492	-.00607	-.00051	-.00222
#2	-.30951	.00083	-.00528	-.00624	-.00238	-.00138	-.00123

Sample Name: CCB08 Acquired: 10/29/2018 20:54:36 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14090 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00856	-.0000	-.00007	F<.00000	F<.00000
Stddev	.00009	.0020	.00000	.20800	.15451
%RSD	1.1064	4589.	6.5657	21.019	47.604

#1	-.00849	-.0015	-.00007	-.84251	-.21532
#2	-.00863	.0014	-.00008	-1.1367	-.43383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.5	37468.	4159.4	104.96	2903.4
Stddev	10.5	84.	30.7	.81	9.6
%RSD	.45361	.22452	.73913	.77476	.33058

#1	2316.0	37408.	4137.6	104.38	2896.6
#2	2330.9	37527.	4181.1	105.53	2910.2

Sample Name: J5194-12 Acquired: 10/29/2018 20:58:41 Type: Unk
Method: P4-ICP2(v2527) 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	-.00280	-.00542	.01324	.00591	-.00066	.17769	.15123	-.00002
Stddev	.00027	.00143	.00131	.00102	.00166	.01454	.00040	.00011
%RSD	9.7499	26.345	9.8872	17.268	250.51	8.1815	.26351	656.14

#1	-.00299	-.00441	.01417	.00663	-.00184	.16741	.15095	.00006
#2	-.00261	-.00643	.01231	.00519	.00051	.18797	.15151	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	88.008	.00031	.00785	.01053	.02120	.95058	5.4662
Stddev	.00004	.953	.00067	.00009	.00010	.00549	.00113	.0262
%RSD	8.8318	1.0824	217.63	1.2034	.93346	25.921	.11938	.47843

#1	.00047	87.335	.00078	.00779	.01046	.01731	.95138	5.4477
#2	.00053	88.682	-.00017	.00792	.01060	.02508	.94978	5.4847

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01411	-.00002	349.98	-.00007	.06212	1.3772	.00057	.01778
Stddev	.00010	.00021	2.50	.00021	.00141	.0197	.00007	.00563
%RSD	.67593	1350.8	.71432	281.46	2.2773	1.4315	11.622	31.694

#1	.01417	.00013	351.75	.00007	.06112	1.3632	.00052	.01379
#2	.01404	-.00016	348.22	-.00022	.06312	1.3911	.00062	.02176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5940	4.1712	.00086	-.00390	-.00439	.0022	.32440	5.0019
Stddev	.0007	.0006	.00103	.00240	.00040	.0022	.00111	.0444
%RSD	.04207	.01442	119.94	61.401	9.0684	97.24	.34082	.88684

#1	1.5945	4.1708	.00013	-.00560	-.00468	.0007	.32518	5.0332
#2	1.5935	4.1717	.00159	-.00221	-.00411	.0038	.32362	4.9705

Sample Name: J5194-12 Acquired: 10/29/2018 20:58:41 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .23646
%RSD 54.573

#1 -.26608
#2 -.60048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.9	33495.	4069.2	99.416	2434.9
Stddev	9.5	53.	4.9	1.567	2.5
%RSD	.45876	.15843	.11942	1.5759	.10218

#1	2065.2	33458.	4065.8	100.52	2433.2
#2	2078.6	33533.	4072.7	98.308	2436.7

Sample Name: J5697-02 Acquired: 10/29/2018 21:02:50 Type: Unk
Method: P4-ICP2(v2527) 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	-.00375	-.00299	.00183	.00344	-.00057	.06860	.09008	.00005
Stddev	.00022	.00136	.00035	.00042	.00004	.01034	.00071	.00002
%RSD	5.8373	45.461	19.196	12.126	7.9133	15.071	.78323	36.289

#1	-.00390	-.00395	.00158	.00314	-.00054	.06129	.08958	.00007
#2	-.00359	-.00203	.00208	.00373	-.00060	.07591	.09058	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	3.9483	-.00009	.00769	.00834	.01098	.36837	.51868
Stddev	.00004	.0286	.00040	.00005	.00053	.00490	.00246	.02473
%RSD	16.276	.72463	436.07	.58541	6.4138	44.682	.66755	4.7680

#1	.00030	3.9280	.00019	.00766	.00871	.01444	.37010	.50119
#2	.00023	3.9685	-.00037	.00772	.00796	.00751	.36663	.53617

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00937	-.00010	274.65	-.00044	.21155	1.9502	.00026	-.00137
Stddev	.00027	.00078	.09	.00021	.00352	.0277	.00021	.00123
%RSD	2.8820	816.54	.03458	48.789	1.6639	1.4203	81.917	89.609

#1	.00956	.00045	274.58	-.00029	.20906	1.9306	.00011	-.00224
#2	.00918	-.00064	274.72	-.00059	.21404	1.9697	.00041	-.00050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06480	.53940	.00007	-.00062	-.00601	.0053	.02588	.91144
Stddev	.00266	.00033	.00002	.00095	.00060	.0037	.00010	.19524
%RSD	4.1067	.06129	30.472	152.68	9.9404	69.93	.40571	21.422

#1	.06292	.53917	.00005	-.00129	-.00644	.0080	.02580	1.0495
#2	.06668	.53963	.00008	.00005	-.00559	.0027	.02595	.77338

Sample Name: J5697-02 Acquired: 10/29/2018 21:02:50 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .52209
 Stddev .18179
 %RSD 34.821

#1 .39354
 #2 .65063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.3	34413.	4112.4	102.67	2570.9
Stddev	8.5	283.	3.5	1.36	9.9
%RSD	.39498	.82287	.08613	1.3258	.38519

#1	2155.3	34213.	4114.9	103.63	2563.9
#2	2167.4	34613.	4109.9	101.71	2577.9

Sample Name: J5686-02 Acquired: 10/29/2018 21:07:00 Type: Unk
Method: P4-ICP2(v2527) 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	-.00027	.00283	.00600	-.00287	-.00582	.01787	.00003
Stddev	.00244	.00041	.00004	.00197	.00098	.00813	.00014	.00008
%RSD	518.53	148.63	1.4518	32.864	34.267	139.57	.78654	255.50

#1	-.00126	.00001	.00286	.00739	-.00356	-.00008	.01797	.00008
#2	.00220	-.00056	.00280	.00460	-.00217	-.01157	.01777	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	82.192	-.00088	-.00056	.00106	-.01952	.00660	205.62
Stddev	.00001	.055	.00043	.00042	.00078	.00874	.00002	.67
%RSD	4.8607	.06677	48.913	75.266	73.036	44.777	.37816	.32479

#1	-.00011	82.153	-.00119	-.00086	.00051	-.01334	.00659	205.15
#2	-.00011	82.231	-.00058	-.00026	.00161	-.02570	.00662	206.09

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	-.00000	1575.8	.00112	-.00101	68.504	.00168	.69181
Stddev	.00039	.00003	11.1	.00030	.00002	.322	.00038	.00379
%RSD	14.765	25572.	.70560	26.999	1.6712	.47035	22.403	.54846

#1	-.00237	.00002	1583.7	.00090	-.00102	68.276	.00142	.69449
#2	-.00292	-.00002	1568.0	.00133	-.00100	68.732	.00195	.68912

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 162.33	1.4148	-.05874	-.00388	.02004	.0810	1.2526	5.0992
Stddev	.39	.0027	.00145	.00100	.00069	.0003	.0059	.1324
%RSD	.24176	.18924	2.4687	25.849	3.4544	.3105	.47112	2.5972

#1	162.05	1.4167	-.05772	-.00459	.02053	.0812	1.2484	5.1928
#2	162.61	1.4129	-.05977	-.00317	.01955	.0808	1.2568	5.0055

Sample Name: J5686-02 Acquired: 10/29/2018 21:07:00 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5922
Stddev .6383
%RSD 40.090

#1 2.0436
#2 1.1409

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.7	32355.	4050.9	98.726	2266.5
Stddev	10.8	91.	17.8	1.410	3.1
%RSD	.51009	.28269	.44009	1.4283	.13816

#1	2127.4	32420.	4063.5	97.729	2268.8
#2	2112.1	32291.	4038.3	99.723	2264.3

Sample Name: J5686-03 Acquired: 10/29/2018 21:11:08 Type: Unk
Method: P4-ICP2(v2527) 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	.00122	-.00095	.00366	.00432	-.00191	.00078	.01708	.00012
Stddev	.00320	.00201	.00027	.00122	.00031	.01124	.00045	.00010
%RSD	263.02	212.48	7.2388	28.258	16.324	1448.3	2.6492	82.351
#1	.00348	-.00237	.00347	.00518	-.00213	-.00717	.01740	.00005
#2	-.00105	.00048	.00385	.00346	-.00169	.00872	.01676	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	67.595	-.00054	-.00029	.00050	-.01240	.00646	159.68
Stddev	.00004	.113	.00021	.00020	.00017	.00566	.00007	.81
%RSD	19.411	.16671	38.588	68.441	33.594	45.667	1.1132	.50958
#1	-.00017	67.515	-.00068	-.00015	.00062	-.00840	.00641	159.11
#2	-.00022	67.675	-.00039	-.00043	.00038	-.01640	.00652	160.26
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00262	-.00035	1237.5	.00094	-.00113	52.572	.00144	.54045
Stddev	.00056	.00031	16.2	.00042	.00002	.323	.00016	.00893
%RSD	21.298	86.065	1.3105	44.678	2.2137	.61490	11.328	1.6515
#1	-.00302	-.00057	1226.0	.00124	-.00114	52.344	.00133	.53414
#2	-.00223	-.00014	1249.0	.00065	-.00111	52.801	.00156	.54676
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 126.53	1.4078	-.04574	-.00333	.01333	.0773	.98662	4.5758
Stddev	.07	.0176	.00113	.00048	.00022	.0003	.00682	.5143
%RSD	.05329	1.2525	2.4745	14.507	1.6791	.4205	.69115	11.240
#1	126.49	1.3953	-.04494	-.00299	.01348	.0771	.98180	4.2121
#2	126.58	1.4202	-.04654	-.00367	.01317	.0775	.99144	4.9394

Sample Name: J5686-03 Acquired: 10/29/2018 21:11:08 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2539
Stddev	.0931
%RSD	7.4268

#1	1.3198
#2	1.1881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.9	32837.	4190.9	102.92	2317.3
Stddev	2.0	128.	22.6	.82	.4
%RSD	.09168	.38988	.53874	.79317	.01627

#1	2138.3	32928.	4206.8	103.50	2317.1
#2	2135.5	32747.	4174.9	102.34	2317.6

Sample Name: J5686-04 Acquired: 10/29/2018 21:15:17 Type: Unk
Method: P4-ICP2(v2527) 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	.00381	-.00073	.00391	.00131	-.00230	-.01671	.01705	.00007
Stddev	.00664	.00090	.00020	.00381	.00179	.00868	.00002	.00000
%RSD	174.41	123.54	5.0182	291.53	77.620	51.955	.08908	5.3142

#1	.00850	-.00137	.00404	-.00139	-.00357	-.02285	.01706	.00007
#2	-.00089	-.00009	.00377	.00400	-.00104	-.01057	.01704	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	98.959	-.00089	-.00079	.00089	-.02942	.00667	269.65
Stddev	.00006	.051	.00030	.00001	.00090	.00576	.00009	.41
%RSD	27.887	.05109	33.350	.68926	100.29	19.569	1.3071	.15390

#1	-.00024	98.995	-.00068	-.00078	.00153	-.02535	.00660	269.94
#2	-.00016	98.924	-.00111	-.00079	.00026	-.03349	.00673	269.35

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	-.00018	F 1954.2	.00127	-.00031	91.246	.00232	.91316
Stddev	.00080	.00017	13.8	.00036	.00001	.064	.00004	.01624
%RSD	25.251	94.647	.70716	28.395	3.3448	.07059	1.8483	1.7781

#1	-.00259	-.00029	1963.9	.00152	-.00030	91.292	.00235	.90168
#2	-.00372	-.00006	1944.4	.00101	-.00032	91.201	.00229	.92464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 219.98	1.3132	-.07890	-.00437	.03279	.0947	1.6299	6.4835
Stddev	1.39	.0090	.00067	.00132	.00044	.0009	.0012	.0163
%RSD	.63113	.68333	.84937	30.144	1.3355	.9167	.07563	.25172

#1	218.99	1.3068	-.07842	-.00344	.03310	.0953	1.6308	6.4950
#2	220.96	1.3195	-.07937	-.00530	.03248	.0941	1.6291	6.4720

Sample Name: J5686-04 Acquired: 10/29/2018 21:15:17 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5978
Stddev .2175
%RSD 13.616

#1 1.4440
#2 1.7516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.7	31033.	4054.8	99.539	2163.0
Stddev	9.7	17.	12.3	.180	12.6
%RSD	.47369	.05561	.30296	.18076	.58106

#1	2056.5	31045.	4046.1	99.411	2171.8
#2	2042.8	31020.	4063.5	99.666	2154.1

Sample Name: J5686-05 Acquired: 10/29/2018 21:19:25 Type: Unk
Method: P4-ICP2(v2527) 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	k .00076	k -.00098	k .00412	k .00285	k -.00393	s -.00391	.01678
Stddev	.00229	.00142	.00146	.00100	.00154	.00574	.00007
%RSD	300.50	145.56	35.514	35.009	39.049	146.96	.42951

#1	.00238	-.00198	.00309	.00214	-.00502	.00015	.01673
#2	k -.00086	k .00003	k .00516	k .00355	k -.00285	s -.00797	.01683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00009	k -.00014	81.562	s -.00109	k -.00053	k .00081	k -.02310
Stddev	.00004	.00006	.418	.00036	.00026	.00041	.00079
%RSD	45.293	39.204	.51237	32.476	49.411	49.920	3.4132

#1	.00012	-.00018	81.857	-.00135	-.00071	.00110	-.02255
#2	s .00006	k -.00010	81.266	s -.00084	k -.00034	k .00053	k -.02366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00661	204.55	k -.00256	s .00029	1557.3	s .00063	k -.00099
Stddev	.00054	.89	.00058	.00017	16.4	.00010	.00006
%RSD	8.1391	.43284	22.704	59.462	1.0546	16.265	5.7115

#1	.00699	205.18	-.00297	.00042	1568.9	.00070	-.00103
#2	s .00623	203.92	k -.00215	s .00017	1545.7	s .00055	k -.00095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.677	.00179	k .69587	kF 166.90	k 1.3292	k -.02972	k -.00451
Stddev	.071	.00027	.01926	3.06	.0669	.04494	.00108
%RSD	.10377	14.916	2.7682	1.8360	5.0323	151.23	23.878

#1	68.728	.00160	.68225	169.06	1.3765	-.06150	-.00527
#2	68.627	.00197	k .70949	k 164.73	k 1.2819	k .00206	k -.00375

Sample Name: J5686-05 Acquired: 10/29/2018 21:19:25 Type: Unk
Method: P4-ICP2(v2527) 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	.02131	k .0841	1.2568	1.5071	1.4339
Stddev	.00023	.0002	.0023	5.7234	.2448
%RSD	1.0828	.2302	.18110	379.76	17.070
#1	.02147	.0843	1.2585	5.5541	1.2608
#2	.02115	k .0840	1.2552	-2.5399	1.6070
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.0	^ *****	4080.5	99.645	2213.2
Stddev	33.9	-----	4.9	1.499	36.6
%RSD	1.6413	-----	.12073	1.5039	1.6523
#1	2042.0	32174.	4084.0	100.70	2187.3
#2	2090.0	^ -----	4077.1	98.586	2239.0

Sample Name: J5686-06 Acquired: 10/29/2018 21:23:34 Type: Unk
Method: P4-ICP2(v2527) 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	.00441	-.00142	.00212	.00420	-.00427	-.00130	.01761	.00006
Stddev	.00036	.00021	.00011	.00444	.00100	.00318	.00073	.00003
%RSD	8.0506	14.822	5.0056	105.57	23.310	243.54	4.1323	47.196
#1	.00416	-.00127	.00219	.00734	-.00357	-.00355	.01813	.00004
#2	.00466	-.00156	.00204	.00107	-.00497	.00094	.01710	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	65.363	-.00053	-.00041	.00138	-.01131	.00590	148.23
Stddev	.00008	.441	.00004	.00052	.00011	.00176	.00005	.19
%RSD	50.207	.67499	7.3645	125.88	8.2678	15.600	.90175	.12793
#1	-.00021	65.675	-.00050	-.00078	.00146	-.01007	.00594	148.37
#2	-.00010	65.051	-.00055	-.00005	.00130	-.01256	.00586	148.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	.00014	1163.1	.00062	-.00095	49.489	.00121	.50334
Stddev	.00013	.00006	3.4	.00035	.00006	.126	.00012	.00049
%RSD	5.0940	46.298	.29138	56.556	5.7991	.25466	9.5670	.09695
#1	-.00245	.00009	1165.5	.00087	-.00091	49.579	.00113	.50299
#2	-.00263	.00018	1160.7	.00037	-.00099	49.400	.00129	.50368
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 116.38	1.4335	-.04203	-.00395	.01162	.0729	.93890	4.0527
Stddev	.73	.0045	.00101	.00043	.00062	.0003	.00052	.0202
%RSD	.62512	.31211	2.3984	10.964	5.3684	.3943	.05586	.49941
#1	116.89	1.4304	-.04132	-.00364	.01206	.0727	.93853	4.0670
#2	115.86	1.4367	-.04274	-.00425	.01118	.0732	.93927	4.0384

Sample Name: J5686-06 Acquired: 10/29/2018 21:23:34 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0645
Stddev	.5910
%RSD	55.514

#1	.64667
#2	1.4824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.6	32942.	4131.8	103.46	2334.0
Stddev	4.6	29.	7.1	.09	11.9
%RSD	.21587	.08659	.17287	.08436	.51130

#1	2142.3	32962.	4126.8	103.40	2325.6
#2	2148.9	32922.	4136.9	103.52	2342.4

Sample Name: J5686-07 Acquired: 10/29/2018 21:27:43 Type: Unk
Method: P4-ICP2(v2527) 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	.00561	-.00262	.00423	.00284	-.00261	-.01070	.01604	.00012
Stddev	.00080	.00163	.00111	.00081	.00119	.01367	.00041	.00001
%RSD	14.225	62.094	26.313	28.488	45.756	127.73	2.5455	11.101

#1	.00617	-.00147	.00502	.00341	-.00176	-.02037	.01575	.00011
#2	.00504	-.00377	.00344	.00226	-.00345	-.00104	.01633	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	100.70	-.00087	-.00048	.00041	-.03098	.00625	273.29
Stddev	.00001	2.12	.00030	.00008	.00014	.00604	.00003	5.14
%RSD	6.5700	2.1015	34.264	16.459	34.435	19.494	.49866	1.8799

#1	-.00015	99.201	-.00108	-.00042	.00031	-.03525	.00623	269.65
#2	-.00013	102.19	-.00066	-.00053	.00051	-.02671	.00627	276.92

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00284	-.00003	F 1962.8	.00123	-.00005	92.951	.00218	.91391
Stddev	.00039	.00071	3.3	.00001	.00000	1.486	.00030	.01519
%RSD	13.612	2349.5	.16951	1.1276	.14431	1.5985	13.820	1.6619

#1	-.00257	-.00053	1965.2	.00122	-.00005	91.901	.00239	.90317
#2	-.00311	.00047	1960.5	.00124	-.00005	94.002	.00197	.92465

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 220.01	1.3285	-.07910	-.00522	.03204	.0939	1.6630	6.1867
Stddev	.94	.0191	.00203	.00087	.00160	.0004	.0241	.0513
%RSD	.42689	1.4345	2.5637	16.671	4.9922	.4044	1.4488	.82990

#1	219.35	1.3150	-.07766	-.00460	.03091	.0941	1.6460	6.1504
#2	220.67	1.3419	-.08053	-.00583	.03317	.0936	1.6801	6.2230

Sample Name: J5686-07 Acquired: 10/29/2018 21:27:43 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6086
Stddev	.1966
%RSD	12.222

#1	1.4696
#2	1.7476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.7	31145.	3988.7	96.046	2150.3
Stddev	10.7	91.	73.7	1.945	8.8
%RSD	.52751	.29245	1.8469	2.0255	.40779

#1	2043.3	31209.	4040.8	97.422	2156.5
#2	2028.1	31081.	3936.6	94.671	2144.1

Sample Name: J5686-08 Acquired: 10/29/2018 21:31:52 Type: Unk
Method: P4-ICP2(v2527) 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	.00217	-.00103	.00308	.00414	-.00177	-.01956	.01640	.00009
Stddev	.00018	.00039	.00164	.00335	.00172	.01732	.00084	.00015
%RSD	8.4388	37.587	53.302	80.959	97.340	88.554	5.1496	158.04
#1	.00204	-.00131	.00192	.00651	-.00298	-.00731	.01700	.00020
#2	.00230	-.00076	.00424	.00177	-.00055	-.03181	.01580	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	99.805	-.00094	-.00068	.00081	-.02396	.00601	267.69
Stddev	.00014	.498	.00020	.00017	.00014	.00282	.00004	1.00
%RSD	63.555	.49870	21.449	25.464	16.692	11.749	.61894	.37482
#1	-.00031	99.453	-.00108	-.00056	.00090	-.02595	.00604	266.98
#2	-.00012	100.16	-.00080	-.00081	.00071	-.02197	.00598	268.40
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00402	-.00006	F 1925.9	.00105	-.00072	91.344	.00230	.89668
Stddev	.00050	.00073	2.1	.00048	.00003	.165	.00012	.01590
%RSD	12.428	1171.5	.10803	46.344	4.3288	.18054	5.4083	1.7730
#1	-.00437	-.00058	1927.4	.00139	-.00070	91.228	.00239	.88544
#2	-.00366	.00046	1924.4	.00070	-.00074	91.461	.00221	.90792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 217.58	1.3458	-.07947	-.00541	.03159	.0933	1.6293	6.4530
Stddev	.55	.0137	.00150	.00084	.00036	.0029	.0023	.1393
%RSD	.25086	1.0150	1.8896	15.564	1.1417	3.104	.14391	2.1586
#1	217.97	1.3361	-.07841	-.00600	.03185	.0913	1.6276	6.3546
#2	217.20	1.3555	-.08053	-.00481	.03134	.0954	1.6310	6.5515

Sample Name: J5686-08 Acquired: 10/29/2018 21:31:52 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3356
Stddev .3498
%RSD 26.189

#1 1.0882
#2 1.5829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.3	31026.	3997.0	98.818	2146.7
Stddev	2.9	14.	22.5	.870	.7
%RSD	.14079	.04518	.56200	.88082	.03409

#1	2031.3	31035.	4012.9	98.202	2146.2
#2	2035.3	31016.	3981.1	99.433	2147.2

Sample Name: J5686-09 Acquired: 10/29/2018 21:36:01 Type: Unk
Method: P4-ICP2(v2527) 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	.00341	-.00093	.00287	.00242	-.00255	-.00648	.01665	.00010
Stddev	.00418	.00042	.00088	.00139	.00064	.00818	.00010	.00000
%RSD	122.84	44.881	30.832	57.538	25.034	126.13	.59292	3.4046
#1	.00636	-.00123	.00349	.00144	-.00301	-.00070	.01658	.00010
#2	.00045	-.00063	.00224	.00341	-.00210	-.01227	.01672	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	72.497	-.00064	-.00039	.00040	-.01611	.00597	173.94
Stddev	.00002	.001	.00039	.00026	.00020	.00360	.00000	2.07
%RSD	15.673	.00097	61.079	64.773	50.683	22.355	.06633	1.1884
#1	-.00012	72.497	-.00092	-.00058	.00026	-.01356	.00597	175.40
#2	-.00015	72.496	-.00036	-.00021	.00054	-.01865	.00596	172.48
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	-.00003	1320.9	.00095	-.00094	58.377	.00159	.59136
Stddev	.00010	.00002	16.0	.00011	.00002	.073	.00003	.01905
%RSD	3.6662	51.770	1.2133	11.517	2.5481	.12494	1.8718	3.2211
#1	-.00278	-.00002	1332.2	.00103	-.00093	58.429	.00157	.57789
#2	-.00293	-.00005	1309.5	.00088	-.00096	58.325	.00161	.60483
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 139.49	1.4014	-.05158	-.00319	.01586	.0799	1.0862	4.9005
Stddev	1.04	.0036	.00030	.00075	.00038	.0013	.0052	.2992
%RSD	.74281	.25463	.57771	23.456	2.4173	1.671	.47718	6.1058
#1	138.75	1.3989	-.05137	-.00266	.01558	.0789	1.0899	4.6889
#2	140.22	1.4040	-.05179	-.00372	.01613	.0808	1.0826	5.1121

Sample Name: J5686-09 Acquired: 10/29/2018 21:36:01 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.23518
Stddev	.54779
%RSD	232.93

#1	-.15217
#2	.62252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.8	32376.	4117.2	100.57	2270.7
Stddev	3.2	1.	.8	.75	4.8
%RSD	.15005	.00178	.01934	.74331	.21336

#1	2111.1	32377.	4117.7	101.10	2274.1
#2	2106.6	32376.	4116.6	100.04	2267.3

Sample Name: CCV09 Acquired: 10/29/2018 21:40:10 Type: Unk
Method: P4-ICP2(v2527) 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	4.9285	4.8445	4.8976	4.9021	5.0042	10.163	9.7548	.24889
Stddev	.0067	.0063	.0072	.0033	.0031	.072	.1544	.00200
%RSD	.13620	.13024	.14781	.06643	.06113	.70721	1.5829	.80486
#1	4.9238	4.8400	4.9028	4.9044	5.0021	10.112	9.6456	.24747
#2	4.9333	4.8489	4.8925	4.8998	5.0064	10.214	9.8639	.25030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4146	24.139	.98480	2.4296	1.2234	4.7916	2.4721	23.794
Stddev	.0024	.551	.00382	.0071	.0016	.0651	.0094	.410
%RSD	.09720	2.2841	.38778	.29049	.13205	1.3592	.37947	1.7246
#1	2.4162	23.750	.98210	2.4346	1.2223	4.7456	2.4655	23.504
#2	2.4129	24.529	.98750	2.4246	1.2246	4.8377	2.4788	24.084
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3879	1.2120	25.625	2.3963	2.4097	24.965	4.8735	4.7985
Stddev	.0012	.0012	.361	.0062	.0293	.530	.0168	.1122
%RSD	.05056	.09603	1.4101	.25734	1.2144	2.1241	.34477	2.3372
#1	2.3887	1.2112	25.370	2.3919	2.3890	24.590	4.8616	4.7192
#2	2.3870	1.2128	25.881	2.4006	2.4304	25.340	4.8854	4.8778
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7543	4.7255	4.8573	4.8829	4.8643	4.914	4.8394	F .94974
Stddev	.0121	.1037	.0042	.0717	.0883	.017	.0737	.19240
%RSD	.25564	2.1941	.08721	1.4692	1.8149	.3471	1.5232	20.258
#1	4.7629	4.6522	4.8543	4.8322	4.8019	4.926	4.7873	.81369
#2	4.7457	4.7988	4.8603	4.9336	4.9268	4.902	4.8916	1.0858

Sample Name: CCV09 Acquired: 10/29/2018 21:40:10 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3810
Stddev .0395
%RSD 1.6591

#1 2.4089
#2 2.3530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.9	36656.	4201.6	102.28	2670.2
Stddev	1.7	27.	53.4	1.00	9.9
%RSD	.07615	.07322	1.2704	.97840	.36916

#1	2274.7	36637.	4239.3	102.99	2663.2
#2	2277.2	36675.	4163.8	101.57	2677.2

Sample Name: CCB09 Acquired: 10/29/2018 21:43:56 Type: Unk
Method: P4-ICP2(v2527) 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	-.00304	-.00024	-.00108	.00394	-.00087	-.00534	-.00030
Stddev	.00102	.00048	.00029	.00184	.00021	.00435	.00045
%RSD	33.678	202.23	26.960	46.680	24.730	81.509	148.83

#1	-.00376	.00010	-.00087	.00264	-.00102	-.00226	-.00062
#2	-.00232	-.00058	-.00128	.00525	-.00072	-.00841	.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00007	.00250	.00005	-.00016	-.00042	-.00428
Stddev	.00006	.00004	.00461	.00002	.00008	.00010	.00217
%RSD	216.58	55.008	184.74	42.423	49.161	24.876	50.686

#1	-.00001	-.00009	-.00076	.00007	-.00022	-.00034	-.00274
#2	.00007	-.00004	.00576	.00004	-.00011	-.00049	-.00581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00697	.00058	-.00036	F 1.8812	-.00006	-.00052
Stddev	.00000	.02649	.00021	.00024	.0704	.00026	.00011
%RSD	5.7958	379.87	37.086	66.709	3.7403	416.56	21.436

#1	-.00003	.01176	.00073	-.00053	1.8314	-.00025	-.00060
#2	-.00003	-.02570	.00043	-.00019	1.9310	.00012	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34469	.00071	-.00479	.00207	-.00625	-.00133	-.00094
Stddev	.04476	.00001	.00229	.00093	.00037	.00062	.00072
%RSD	12.984	.89635	47.818	45.074	5.8894	47.084	76.692

#1	.31305	.00071	-.00317	.00273	-.00599	-.00088	-.00145
#2	.37634	.00071	-.00641	.00141	-.00651	-.00177	-.00043

Sample Name: CCB09 Acquired: 10/29/2018 21:43:56 Type: Unk
 Method: P4-ICP2(v2527) 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	.00277	.0001	.00004	F<.00000	F<.00000
Stddev	.00129	.0002	.00006	.01173	.06662
%RSD	46.598	182.5	138.22	1.0558	24.470
#1	.00186	.0003	.00000	-1.1030	-.22515
#2	.00369	-.0000	.00008	-1.1196	-.31936
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.2	38051.	4247.1	107.69	2947.6
Stddev	7.6	81.	31.9	.64	6.2
%RSD	.32307	.21180	.75163	.59644	.21086
#1	2361.8	38108.	4269.7	108.14	2943.2
#2	2372.6	37994.	4224.5	107.23	2952.0

Sample Name: J5686-10 Acquired: 10/29/2018 21:48:02 Type: Unk
Method: P4-ICP2(v2527) 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	.00301	-.00022	.00347	.00316	-.00336	-.01354	.01679	.00022
Stddev	.00099	.00116	.00047	.00019	.00118	.00982	.00009	.00000
%RSD	32.731	531.41	13.389	5.8621	35.030	72.469	.52100	1.8123
#1	.00371	.00060	.00314	.00329	-.00253	-.02048	.01685	.00022
#2	.00231	-.00104	.00380	.00303	-.00419	-.00660	.01673	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	103.10	-.00066	-.00077	.00057	-.02454	.00517	280.94
Stddev	.00003	.13	.00105	.00003	.00031	.00189	.00001	.10
%RSD	18.936	.12804	158.69	4.4452	55.134	7.7147	.24895	.03497
#1	-.00015	103.19	-.00141	-.00075	.00035	-.02588	.00518	280.87
#2	-.00012	103.01	.00008	-.00079	.00079	-.02320	.00516	281.01
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	.00030	F 2036.2	.00109	-.00068	95.274	.00274	.94337
Stddev	.00075	.00027	8.8	.00005	.00015	.098	.00021	.00415
%RSD	21.106	89.189	.43336	4.3473	21.254	.10249	7.4869	.44042
#1	-.00301	.00011	2042.4	.00106	-.00079	95.205	.00260	.94631
#2	-.00407	.00049	2030.0	.00113	-.00058	95.343	.00289	.94044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 227.58	1.3361	-.08192	-.00460	.03395	.0963	1.6968	6.4648
Stddev	.71	.0076	.00081	.00173	.00014	.0023	.0001	.4426
%RSD	.31293	.57286	.99269	37.690	.40395	2.378	.00825	6.8470
#1	227.08	1.3306	-.08250	-.00337	.03386	.0947	1.6967	6.1518
#2	228.08	1.3415	-.08135	-.00582	.03405	.0979	1.6969	6.7778

Sample Name: J5686-10 Acquired: 10/29/2018 21:48:02 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7153
Stddev	.5737
%RSD	33.448

#1	2.1210
#2	1.3096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.8	31145.	4018.5	97.641	2154.0
Stddev	3.8	149.	.3	1.154	6.5
%RSD	.18653	.47955	.00863	1.1821	.29993

#1	2058.5	31250.	4018.3	98.458	2158.6
#2	2053.1	31039.	4018.8	96.825	2149.5

Sample Name: J5686-11 Acquired: 10/29/2018 21:52:10 Type: Unk
Method: P4-ICP2(v2527) 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	.00499	-.00047	.00434	.00243	-.00316	-.01136	.01664	.00017
Stddev	.00024	.00223	.00124	.00399	.00051	.01349	.00009	.00000
%RSD	4.7684	475.00	28.615	164.28	16.138	118.72	.53457	1.6333

#1	.00482	-.00204	.00522	.00525	-.00280	-.00182	.01658	.00017
#2	.00516	.00111	.00346	-.00039	-.00352	-.02090	.01670	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	95.446	-.00072	-.00044	.00080	-.01570	.00580	253.67
Stddev	.00001	1.190	.00007	.00012	.00004	.00909	.00016	2.44
%RSD	7.5661	1.2465	10.084	27.630	4.3763	57.888	2.7280	.96324

#1	-.00020	96.288	-.00067	-.00036	.00083	-.02213	.00591	255.40
#2	-.00018	94.605	-.00077	-.00053	.00078	-.00928	.00569	251.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	-.00010	F 1840.9	.00084	-.00064	85.987	.00229	.85060
Stddev	.00045	.00001	40.1	.00065	.00007	.910	.00015	.00758
%RSD	12.572	13.720	2.1801	76.477	11.456	1.0578	6.5215	.89159

#1	-.00323	-.00009	1869.3	.00039	-.00058	86.630	.00240	.84524
#2	-.00386	-.00011	1812.5	.00130	-.00069	85.344	.00218	.85596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 205.20	1.3435	-.07626	-.00454	.02749	.0936	1.5396	5.6127
Stddev	.74	.0069	.00026	.00056	.00008	.0003	.0162	.0305
%RSD	.36049	.51291	.34330	12.221	.28666	.3669	1.0531	.54335

#1	204.68	1.3484	-.07644	-.00415	.02743	.0938	1.5511	5.6343
#2	205.73	1.3386	-.07607	-.00494	.02754	.0934	1.5281	5.5911

Sample Name: J5686-11 Acquired: 10/29/2018 21:52:10 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.74681
Stddev	.51630
%RSD	69.135

#1	.38173
#2	1.1119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.0	31925.	4027.2	97.901	2184.6
Stddev	.4	472.	44.0	.238	9.0
%RSD	.01888	1.4797	1.0925	.24274	.41103

#1	2075.8	31591.	3996.1	97.733	2191.0
#2	2076.3	32259.	4058.3	98.069	2178.3

Sample Name: J5686-12 Acquired: 10/29/2018 21:56:19 Type: Unk
Method: P4-ICP2(v2527) 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	.00304	-.00064	.00261	.00268	-.00310	-.01135	.01645	.00008
Stddev	.00092	.00113	.00064	.00071	.00353	.02106	.00019	.00014
%RSD	30.376	175.87	24.467	26.642	113.72	185.56	1.1702	188.68
#1	.00239	-.00144	.00306	.00318	-.00560	.00354	.01632	-.00003
#2	.00370	.00016	.00216	.00217	-.00061	-.02624	.01659	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	73.403	-.00101	-.00036	.00056	-.01316	.00607	174.12
Stddev	.00000	.339	.00046	.00015	.00026	.00692	.00013	1.48
%RSD	1.3349	.46141	45.716	43.189	47.381	52.607	2.1275	.85098
#1	-.00010	73.164	-.00134	-.00047	.00037	-.01805	.00616	173.08
#2	-.00010	73.643	-.00068	-.00025	.00074	-.00826	.00598	175.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	-.00022	1342.8	.00059	-.00077	58.841	.00168	.59088
Stddev	.00016	.00060	19.3	.00044	.00004	.378	.00002	.01263
%RSD	6.1795	269.69	1.4365	74.186	5.7166	.64264	1.3393	2.1379
#1	-.00270	-.00065	1356.4	.00028	-.00080	58.573	.00167	.58195
#2	-.00247	.00020	1329.1	.00090	-.00073	59.108	.00170	.59981
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 139.14	1.4051	-.04902	-.00453	.01597	.0783	1.0905	4.8932
Stddev	.44	.0138	.00136	.00210	.00044	.0011	.0041	.1810
%RSD	.31808	.98390	2.7720	46.260	2.7612	1.389	.37274	3.6989
#1	138.83	1.3953	-.04806	-.00305	.01565	.0775	1.0877	5.0212
#2	139.45	1.4149	-.04998	-.00602	.01628	.0790	1.0934	4.7652

Sample Name: J5686-12 Acquired: 10/29/2018 21:56:19 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.81192
Stddev	.69252
%RSD	85.294

#1	.32223
#2	1.3016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.5	32492.	4114.5	101.55	2290.9
Stddev	6.8	154.	30.8	.78	6.2
%RSD	.31893	.47308	.74815	.77127	.27216

#1	2133.3	32383.	4136.3	102.11	2295.3
#2	2123.7	32601.	4092.7	101.00	2286.5

Sample Name: J5686-13 Acquired: 10/29/2018 22:00:28 Type: Unk
Method: P4-ICP2(v2527) 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	.00233	-.00185	.00262	.00275	-.00349	-.00095	.01763	.00010
Stddev	.00004	.00030	.00003	.00209	.00129	.00904	.00003	.00008
%RSD	1.5949	16.514	1.3198	76.106	37.134	953.74	.15058	80.722
#1	.00236	-.00206	.00264	.00127	-.00257	-.00734	.01761	.00004
#2	.00231	-.00163	.00259	.00423	-.00440	.00544	.01764	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	63.503	-.00066	-.00047	.00101	-.01200	.00707	141.10
Stddev	.00002	.326	.00017	.00050	.00030	.01088	.00002	1.27
%RSD	8.9086	.51267	26.216	105.55	29.223	90.688	.23873	.89991
#1	-.00020	63.734	-.00078	-.00082	.00122	-.01970	.00708	142.00
#2	-.00022	63.273	-.00054	-.00012	.00080	-.00431	.00705	140.20
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	-.00005	1093.8	.00079	-.00022	46.619	.00126	.48021
Stddev	.00025	.00013	28.0	.00020	.00010	.504	.00011	.00685
%RSD	9.2954	260.90	2.5555	24.899	45.573	1.0814	8.4174	1.4261
#1	-.00289	-.00014	1113.6	.00093	-.00015	46.975	.00134	.48505
#2	-.00254	.00004	1074.1	.00065	-.00029	46.262	.00119	.47537
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 109.10	1.4155	-.03867	-.00374	.00960	.0776	.89016	4.4112
Stddev	.56	.0027	.00025	.00058	.00082	.0011	.01441	.0728
%RSD	.51380	.19042	.64891	15.503	8.5850	1.455	1.6192	1.6496
#1	108.70	1.4174	-.03885	-.00415	.01018	.0784	.90036	4.3597
#2	109.50	1.4136	-.03849	-.00333	.00902	.0768	.87997	4.4626

Sample Name: J5686-13 Acquired: 10/29/2018 22:00:28 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5501
Stddev .7037
%RSD 45.397

#1 2.0476
#2 1.0525

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.1	33096.	4079.8	102.66	2359.3
Stddev	14.2	20.	31.6	.88	16.1
%RSD	.65596	.06191	.77562	.85629	.68211

#1	2181.1	33110.	4057.4	102.04	2370.6
#2	2161.0	33081.	4102.1	103.28	2347.9

Sample Name: J5686-14 Acquired: 10/29/2018 22:04:38 Type: Unk
Method: P4-ICP2(v2527) 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	.00122	-.00041	.00352	.00397	-.00373	.00921	.01701	.00005
Stddev	.00001	.00049	.00180	.00177	.00056	.00335	.00037	.00002
%RSD	.95304	121.52	51.044	44.661	14.928	36.377	2.1738	48.467

#1	.00121	-.00075	.00480	.00522	-.00413	.00684	.01675	.00007
#2	.00122	-.00006	.00225	.00272	-.00334	.01158	.01727	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	60.531	-.00022	-.00063	.00116	-.02117	.00787	131.36
Stddev	.00004	2.035	.00034	.00003	.00026	.00968	.00008	5.32
%RSD	29.120	3.3617	151.67	4.6322	22.041	45.719	.95397	4.0531

#1	-.00015	59.092	.00002	-.00061	.00134	-.02802	.00782	127.59
#2	-.00010	61.970	-.00046	-.00065	.00098	-.01433	.00792	135.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	.00012	1021.2	.00076	-.00027	43.343	.00122	.44749
Stddev	.00065	.00006	36.8	.00018	.00013	1.315	.00016	.02420
%RSD	27.916	49.714	3.6069	23.771	47.483	3.0346	12.815	5.4084

#1	-.00279	.00008	995.18	.00089	-.00036	42.413	.00111	.43038
#2	-.00187	.00016	1047.3	.00063	-.00018	44.273	.00134	.46460

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 104.43	1.3796	-.03790	-.00252	.00938	.0788	.82687	3.9315
Stddev	.19	.0515	.00071	.00125	.00172	.0007	.02707	.2049
%RSD	.18256	3.7327	1.8770	49.620	18.376	.9131	3.2740	5.2130

#1	104.56	1.3432	-.03840	-.00341	.00816	.0783	.80773	3.7866
#2	104.29	1.4160	-.03740	-.00164	.01060	.0793	.84601	4.0764

Sample Name: J5686-14 Acquired: 10/29/2018 22:04:38 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6477
Stddev	.0646
%RSD	3.9189

#1	1.6021
#2	1.6934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.2	33206.	4180.8	103.56	2359.5
Stddev	2.6	8.	136.3	4.82	1.4
%RSD	.11872	.02520	3.2613	4.6499	.06094

#1	2171.3	33200.	4277.3	106.96	2358.4
#2	2175.0	33212.	4084.4	100.15	2360.5

Sample Name: J5686-15 Acquired: 10/29/2018 22:08:47 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00438	-.00138	.00194	.00447	-.00343	.00022	.01829	.00014
Stddev	.00017	.00122	.00019	.00246	.00073	.02077	.00043	.00015
%RSD	3.7832	88.293	9.6348	55.099	21.227	9423.5	2.3731	109.22
#1	.00427	-.00052	.00181	.00621	-.00394	.01490	.01860	.00003
#2	.00450	-.00224	.00207	.00273	-.00291	-.01446	.01799	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	62.733	-.00053	-.00030	.00119	-.01098	.00912	135.35
Stddev	.00008	.085	.00083	.00017	.00022	.00479	.00007	1.01
%RSD	69.358	.13511	154.73	54.291	18.696	43.579	.76382	.74657
#1	-.00006	62.673	-.00112	-.00019	.00104	-.01437	.00917	134.63
#2	-.00017	62.793	.00005	-.00042	.00135	-.00760	.00907	136.06
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	.00021	1051.5	.00070	-.00079	44.614	.00136	.46413
Stddev	.00021	.00007	17.1	.00028	.00001	.216	.00020	.00454
%RSD	8.9313	35.083	1.6247	40.368	1.8248	.48395	14.777	.97863
#1	-.00215	.00026	1039.4	.00050	-.00078	44.461	.00122	.46092
#2	-.00244	.00016	1063.6	.00090	-.00080	44.766	.00151	.46735
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 101.80	1.4398	-.03722	-.00316	.00932	.0780	.85477	3.9159
Stddev	2.89	.0169	.00113	.00066	.00043	.0021	.00631	.1280
%RSD	2.8433	1.1731	3.0399	20.898	4.6488	2.652	.73782	3.2695
#1	103.85	1.4279	-.03802	-.00363	.00962	.0765	.85031	4.0064
#2	99.757	1.4517	-.03642	-.00270	.00901	.0794	.85923	3.8253

Sample Name: J5686-15 Acquired: 10/29/2018 22:08:47 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.85867
Stddev	1.3773
%RSD	160.40

#1	1.8326
#2	-.11524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.5	32791.	4023.5	100.00	2394.8
Stddev	52.5	54.	18.0	.76	56.9
%RSD	2.3863	.16514	.44732	.76431	2.3774

#1	2163.4	32753.	4036.2	99.465	2354.5
#2	2237.7	32830.	4010.8	100.55	2435.0

Sample Name: J5686-16 Acquired: 10/29/2018 22:12:55 Type: Unk
Method: P4-ICP2(v2527) 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	.00167	-.00146	.00286	.00581	-.00303	-.00489	.01901	.00010
Stddev	.00181	.00089	.00222	.00177	.00067	.00087	.00149	.00003
%RSD	108.21	60.842	77.522	30.498	22.080	17.849	7.8133	30.079

#1	.00039	-.00209	.00129	.00455	-.00255	-.00551	.01796	.00012
#2	.00295	-.00083	.00442	.00706	-.00350	-.00427	.02007	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	63.066	-.00039	-.00044	.00083	-.02108	.00924	137.32
Stddev	.00008	.988	.00022	.00004	.00028	.01068	.00054	1.49
%RSD	72.236	1.5661	56.461	8.9321	33.307	50.651	5.7901	1.0886

#1	-.00006	62.367	-.00024	-.00041	.00103	-.02863	.00887	136.26
#2	-.00017	63.764	-.00055	-.00046	.00064	-.01353	.00962	138.38

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	-.00060	1056.2	.00084	-.00089	44.851	.00125	.46184
Stddev	.00011	.00005	10.3	.00017	.00004	.387	.00001	.00502
%RSD	4.9555	8.2375	.97626	20.136	4.9920	.86358	.89633	1.0875

#1	-.00218	-.00057	1048.9	.00096	-.00086	44.577	.00126	.45829
#2	-.00234	-.00064	1063.5	.00072	-.00092	45.125	.00125	.46539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 107.83	1.4485	-.03831	-.00318	.00998	.0837	.86218	4.6537
Stddev	6.28	.0286	.00178	.00042	.00017	.0049	.00837	.7173
%RSD	5.8265	1.9718	4.6553	13.382	1.7013	5.862	.97111	15.412

#1	103.39	1.4283	-.03705	-.00287	.01010	.0802	.85626	4.1465
#2	112.28	1.4687	-.03957	-.00348	.00986	.0871	.86810	5.1609

Sample Name: J5686-16 Acquired: 10/29/2018 22:12:55 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.71968
Stddev	.73204
%RSD	101.72

#1	.20205
#2	1.2373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.1	32011.	3996.8	99.145	2287.8
Stddev	104.0	1656.	49.3	.662	112.9
%RSD	4.9355	5.1737	1.2329	.66801	4.9342

#1	2179.6	33182.	4031.7	99.613	2367.6
#2	2032.6	30840.	3962.0	98.677	2208.0

Sample Name: J5624-01DLX2 Acquired: 10/29/2018 22:17:04 Type: Unk
Method: P4-ICP2(v2527) 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	.48921	-.01420	3.1731	.02927	.06910	36.591	.75425	.00591
Stddev	.00218	.00135	.0062	.00173	.00033	.105	.00488	.00005
%RSD	.44499	9.5351	.19423	5.9005	.48050	.28602	.64643	.88179

#1	.49075	-.01324	3.1774	.02805	.06887	36.517	.75770	.00595
#2	.48768	-.01516	3.1687	.03049	.06934	36.665	.75081	.00587

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	89.295	1.3550	.19505	7.2726	325.26	4.4817	20.801
Stddev	.00090	.133	.0053	.00003	.0245	4.90	.0254	.051
%RSD	9.6920	.14861	.39230	.01380	.33692	1.5057	.56610	.24423

#1	.00988	89.201	1.3513	.19503	7.2899	321.80	4.4638	20.765
#2	.00862	89.389	1.3588	.19507	7.2552	328.72	4.4996	20.837

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47954	-.00621	6.3030	.20051	10.752	5.6738	.04616	.76977
Stddev	.00004	.00079	.1538	.00184	.186	.0352	.00016	.00638
%RSD	.00903	12.709	2.4397	.91559	1.7291	.62136	.34619	.82829

#1	.47957	-.00677	6.1943	.19921	10.621	5.6489	.04605	.76527
#2	.47951	-.00566	6.4117	.20181	10.884	5.6988	.04627	.77428

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1964	.44871	.96012	1.5555	.03867	3.106	.30199	<.00000
Stddev	.0179	.00491	.00168	.0126	.00008	.004	.00251	.08689
%RSD	.81376	1.0950	.17549	.81256	.21353	.1235	.83118	.41025

#1	2.2091	.44523	.96131	1.5645	.03872	3.109	.30376	-21.118
#2	2.1838	.45218	.95892	1.5466	.03861	3.103	.30021	-21.241

Sample Name: J5624-01DLX2 Acquired: 10/29/2018 22:17:04 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	28.035
Stddev	1.824
%RSD	6.5052

#1	29.324
#2	26.745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.6	37083.	4246.2	99.516	2582.5
Stddev	14.5	119.	9.4	1.508	15.4
%RSD	.62335	.32083	.22082	1.5154	.59552

#1	2319.3	37167.	4239.6	100.58	2571.6
#2	2339.8	36999.	4252.8	98.450	2593.4

Sample Name: J5624-01DUPDX2 Acquired: 10/29/2018 22:20:56 Type: Unk
Method: P4-ICP2(v2527) 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	.49298	-.01319	3.2121	.03417	.06958	36.990	.77062	.00627
Stddev	.00066	.00342	.0045	.00676	.00218	.289	.01314	.00010
%RSD	.13418	25.963	.14076	19.792	3.1371	.78050	1.7051	1.5619

#1	.49345	-.01561	3.2153	.02939	.07112	36.786	.76133	.00620
#2	.49251	-.01077	3.2090	.03895	.06803	37.194	.77991	.00634

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00734	91.672	1.3778	.19766	7.3378	346.71	4.5553	21.393
Stddev	.00251	1.450	.0068	.00073	.0692	20.19	.0096	.195
%RSD	34.245	1.5821	.49578	.37086	.94340	5.8246	.20980	.91362

#1	.00911	90.646	1.3826	.19818	7.3868	332.43	4.5485	21.255
#2	.00556	92.697	1.3729	.19715	7.2889	360.99	4.5620	21.531

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48580	-.00489	5.4805	.20450	11.397	5.5130	.04655	.81752
Stddev	.00188	.00244	.2303	.00034	.619	.1239	.00050	.04776
%RSD	.38747	49.878	4.2018	.16602	5.4277	2.2464	1.0829	5.8416

#1	.48713	-.00661	5.3177	.20426	10.960	5.4254	.04691	.78375
#2	.48447	-.00316	5.6433	.20474	11.834	5.6006	.04620	.85129

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1743	.45525	.96876	1.6043	.04017	3.155	.30841	<.00000
Stddev	.0034	.00708	.00363	.0273	.00219	.002	.00520	.08094
%RSD	.15888	1.5560	.37469	1.6989	5.4523	.0629	1.6858	.38570

#1	2.1767	.45025	.97133	1.5850	.03862	3.154	.30473	-20.929
#2	2.1718	.46026	.96619	1.6236	.04172	3.157	.31208	-21.044

Sample Name: J5624-01DUPDX2 Acquired: 10/29/2018 22:20:56 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 29.883
 Stddev 2.559
 %RSD 8.5623

#1 31.692
 #2 28.074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2338.9	37209.	4210.6	95.133	2581.4
Stddev	24.6	.	51.1	5.008	22.5
%RSD	1.0528	.00099	1.2136	5.2647	.87328

#1	2321.5	37209.	4246.8	98.675	2565.5
#2	2356.3	37209.	4174.5	91.592	2597.3

Sample Name: J5624-01LDLX10 Acquired: 10/29/2018 22:24:48 Type: Unk
Method: P4-ICP2(v2527) 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	.10454	-.00275	.68268	.00959	.01463	7.6620	.16878	.00087
Stddev	.00060	.00063	.00058	.00368	.00133	.0522	.00027	.00006
%RSD	.57706	22.725	.08447	38.363	9.1149	.68098	.16145	6.7338

#1	.10412	-.00319	.68309	.00699	.01557	7.6989	.16897	.00083
#2	.10497	-.00231	.68227	.01219	.01369	7.6251	.16859	.00091

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	19.441	.28165	.04090	1.6519	68.675	.94260	4.5751
Stddev	.00013	.073	.00149	.00011	.0012	.087	.00517	.0120
%RSD	9.5887	.37304	.52832	.26391	.07185	.12740	.54810	.26202

#1	.00149	19.492	.28059	.04097	1.6527	68.613	.93895	4.5666
#2	.00130	19.390	.28270	.04082	1.6510	68.737	.94626	4.5835

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09861	-.00230	1.3849	.04314	2.5403	1.2504	.01023	.17623
Stddev	.00024	.00020	.0647	.00007	.0091	.0396	.00034	.00582
%RSD	.24088	8.8078	4.6749	.15462	.35872	3.1634	3.2932	3.3046

#1	.09844	-.00215	1.3391	.04309	2.5338	1.2225	.01000	.18035
#2	.09878	-.00244	1.4307	.04319	2.5467	1.2784	.01047	.17211

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42631	.09622	.19979	.33890	.00568	.6246	.06600	<.00000
Stddev	.00088	.00020	.00032	.00110	.00094	.0031	.00055	.04753
%RSD	.20696	.20609	.15865	.32449	16.630	.4976	.83572	.89839

#1	.42569	.09636	.20002	.33812	.00501	.6268	.06639	-5.2568
#2	.42694	.09608	.19957	.33967	.00635	.6224	.06561	-5.3240

Sample Name: J5624-01LDLX10 Acquired: 10/29/2018 22:24:48 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 17.031
Stddev .265
%RSD 1.5589

#1 17.219
#2 16.843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.2	37533.	4168.7	103.73	2838.1
Stddev	11.1	12.	10.3	.16	8.6
%RSD	.46694	.03205	.24699	.15590	.30196

#1	2364.4	37525.	4176.0	103.85	2832.0
#2	2380.1	37542.	4161.4	103.62	2844.1

Sample Name: CCV10 Acquired: 10/29/2018 22:28:47 Type: Unk
Method: P4-ICP2(v2527) 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	4.8609	4.8489	4.8861	4.8119	4.8854	9.8607	9.4032	.24725
Stddev	.0400	.0193	.0203	.0260	.0390	.0954	.1045	.00122
%RSD	.82212	.39716	.41611	.54063	.79777	.96799	1.1115	.49424
#1	4.8326	4.8352	4.8718	4.7935	4.8578	9.9282	9.4771	.24638
#2	4.8891	4.8625	4.9005	4.8303	4.9129	9.7932	9.3293	.24811
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4253	24.029	.98786	2.4285	1.2101	4.7366	2.4691	23.642
Stddev	.0108	.158	.00319	.0105	.0090	.0466	.0091	.389
%RSD	.44441	.65938	.32275	.43053	.74041	.98370	.36703	1.6470
#1	2.4176	24.141	.98561	2.4211	1.2037	4.7036	2.4627	23.918
#2	2.4329	23.917	.99012	2.4359	1.2164	4.7695	2.4755	23.367
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4016	1.2002	23.470	2.4044	2.4263	23.589	4.8523	4.7452
Stddev	.0126	.0040	.205	.0037	.0491	.106	.0378	.0350
%RSD	.52309	.32972	.87294	.15512	2.0217	.45028	.77933	.73740
#1	2.3928	1.2030	23.615	2.4017	2.3916	23.664	4.8256	4.7699
#2	2.4105	1.1974	23.326	2.4070	2.4610	23.514	4.8790	4.7204
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6612	4.7074	4.8693	4.7614	4.6980	4.891	4.6846	F .85535
Stddev	.0205	.0109	.0158	.0631	.0406	.023	.0620	.10833
%RSD	.44089	.23107	.32464	1.3256	.86501	.4790	1.3240	12.665
#1	4.6467	4.6997	4.8581	4.8060	4.7268	4.875	4.7285	.93195
#2	4.6758	4.7151	4.8805	4.7167	4.6693	4.908	4.6408	.77875

Sample Name: CCV10 Acquired: 10/29/2018 22:28:47 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6942
Stddev .8389
%RSD 31.137

#1 2.1010
#2 3.2874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.7	37090.	4206.8	103.24	2716.5
Stddev	10.7	1.	9.8	1.67	2.4
%RSD	.45822	.00191	.23273	1.6208	.08950

#1	2344.3	37090.	4199.9	104.42	2718.2
#2	2329.2	37089.	4213.7	102.06	2714.8

Sample Name: CCB10 Acquired: 10/29/2018 22:32:34 Type: Unk
Method: P4-ICP2(v2527) 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	-.00169	.00144	.00120	.00084	.00004	F .06894	.00118
Stddev	.00107	.00040	.00026	.00055	.00083	.00427	.00003
%RSD	63.267	27.986	21.396	65.181	2129.8	6.2003	2.3763

#1	-.00245	.00115	.00139	.00122	-.00055	.06592	.00120
#2	-.00094	.00172	.00102	.00045	.00063	.07197	.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00031	.26439	-.00005	-.00001	.00035	F .07266
Stddev	.00004	.00011	.00314	.00011	.00016	.00012	.01069
%RSD	30.203	35.626	1.1881	210.76	2703.5	33.707	14.719

#1	.00010	.00039	.26661	-.00013	.00011	.00026	.08022
#2	.00016	.00023	.26216	.00003	-.00012	.00043	.06510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.03911	.00139	-.00031	F .99966	.00031	.00095
Stddev	.00007	.04925	.00001	.00056	.03278	.00005	.00014
%RSD	2.9013	125.94	.94233	182.53	3.2792	16.124	14.392

#1	.00226	.00428	.00138	.00009	.97648	.00027	.00104
#2	.00235	.07393	.00140	-.00070	1.0228	.00034	.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03630	.00124	-.00218	F .15131	-.00334	-.00055	.00035
Stddev	.03365	.00004	.00192	.00406	.00006	.00050	.00040
%RSD	92.709	3.5130	87.719	2.6863	1.7723	91.738	113.59

#1	-.01250	.00127	-.00354	.14844	-.00330	-.00090	.00063
#2	-.06010	.00121	-.00083	.15419	-.00338	-.00019	.00007

Sample Name: CCB10 Acquired: 10/29/2018 22:32:34 Type: Unk
Method: P4-ICP2(v2527) 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	-.00344	F .0051	.00072	F<.00000	F<.00000
Stddev	.00125	.0006	.00006	.10431	.11214
%RSD	36.194	12.41	8.4101	5.4691	56.072

#1	-.00433	.0055	.00076	-1.8335	-.12069
#2	-.00256	.0046	.00067	-1.9810	-.27928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.9	38520.	4169.2	107.83	2992.9
Stddev	6.4	60.	20.7	1.37	3.2
%RSD	.26331	.15523	.49740	1.2733	.10733

#1	2424.4	38477.	4154.5	106.86	2995.2
#2	2415.4	38562.	4183.8	108.80	2990.6

Sample Name: J5624-02DLX2 Acquired: 10/29/2018 22:36:40 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7626 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93120	.89962	4.2761	.89242	.25828	36.455	1.0507	.10100
Stddev	.00021	.00290	.0058	.00183	.00105	.207	.0180	.00050
%RSD	.02231	.32232	.13631	.20518	.40723	.56755	1.7091	.49877
#1	.93105	.89757	4.2802	.89112	.25754	36.601	1.0380	.10136
#2	.93135	.90167	4.2720	.89371	.25903	36.308	1.0634	.10064
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09759	77.129	1.0266	.29450	8.0031	330.73	2.6026	20.309
Stddev	.00134	.438	.0043	.00011	.0106	7.74	.0114	.269
%RSD	1.3695	.56818	.41662	.03877	.13192	2.3392	.43792	1.3253
#1	.09853	76.819	1.0296	.29458	8.0106	325.26	2.6107	20.119
#2	.09664	77.439	1.0236	.29442	7.9957	336.20	2.5945	20.499
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87199	.02611	5.8836	.31949	12.878	10.052	.22775	.62408
Stddev	.00032	.00082	.1442	.00021	.159	.096	.00032	.00610
%RSD	.03681	3.1387	2.4502	.06516	1.2343	.95702	.14212	.97729
#1	.87222	.02553	5.7817	.31934	12.766	9.9837	.22752	.61977
#2	.87176	.02669	5.9855	.31964	12.990	10.120	.22798	.62840
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1234	2.1399	1.5246	1.7611	.12719	5.906	.37589	<.00000
Stddev	.0045	.0250	.0023	.0327	.00196	.034	.00677	.20819
%RSD	.20962	1.1669	.14872	1.8576	1.5420	.5758	1.8003	.96212
#1	2.1265	2.1222	1.5262	1.7380	.12580	5.930	.37110	-21.786
#2	2.1202	2.1576	1.5230	1.7842	.12857	5.882	.38067	-21.492

Sample Name: J5624-02DLX2 Acquired: 10/29/2018 22:36:40 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7626 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	30.400
Stddev	.284
%RSD	.93502

#1	30.199
#2	30.601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.2	38086.	4328.1	98.597	2621.5
Stddev	8.5	202.	42.9	1.082	10.6
%RSD	.35599	.52959	.99094	1.0972	.40354

#1	2372.2	37943.	4358.4	99.362	2614.0
#2	2384.2	38228.	4297.7	97.832	2629.0

Sample Name: J5624-03DLX2 Acquired: 10/29/2018 22:40:31 Type: Unk
Method: P4-ICP2(v2527) 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	.95052	.91281	4.3176	.90752	.26311	36.772	1.1149	.10036
Stddev	.02786	.03001	.1578	.01531	.00663	.855	.1116	.00048
%RSD	2.9309	3.2881	3.6552	1.6869	2.5203	2.3244	10.007	.47478
#1	.93082	.89159	4.2060	.89670	.25842	37.377	1.1938	.10003
#2	.97022	.93403	4.4292	.91835	.26780	36.168	1.0360	.10070
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09784	81.733	1.0194	.29901	8.1329	344.40	2.5895	21.491
Stddev	.00846	7.920	.0024	.01006	.2692	33.79	.0027	2.108
%RSD	8.6443	9.6896	.23489	3.3643	3.3096	9.8128	.10524	9.8073
#1	.09186	87.333	1.0178	.29190	7.9425	368.30	2.5914	22.981
#2	.10383	76.133	1.0211	.30613	8.3232	320.50	2.5876	20.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88399	.02780	6.1865	.31887	13.278	10.608	.23102	.62470
Stddev	.02986	.00377	.6893	.00044	.998	1.040	.00700	.06661
%RSD	3.3781	13.558	11.142	.13656	7.5125	9.8081	3.0284	10.663
#1	.86288	.03046	6.6739	.31857	13.983	11.343	.22607	.67181
#2	.90511	.02513	5.6991	.31918	12.573	9.8721	.23597	.57760
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1555	2.2493	1.5412	1.8602	.13313	6.002	.39936	<.00000
Stddev	.0550	.1719	.0546	.1853	.01494	.171	.03926	.04451
%RSD	2.5530	7.6435	3.5433	9.9615	11.221	2.856	9.8297	.20528
#1	2.1166	2.3709	1.5026	1.9913	.14370	5.880	.42712	-21.649
#2	2.1945	2.1278	1.5799	1.7292	.12257	6.123	.37160	-21.712

Sample Name: J5624-03DLX2 Acquired: 10/29/2018 22:40:31 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 32.824
Stddev 1.153
%RSD 3.5116

#1 33.639
#2 32.009

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.6	38107.	4126.2	95.845	2584.3
Stddev	61.5	110.	326.7	7.675	72.1
%RSD	2.6263	.28902	7.9171	8.0074	2.7900

#1	2386.1	38029.	3895.2	90.418	2635.3
#2	2299.1	38185.	4357.2	101.27	2533.3

Sample Name: J5624-01ADLX2 Acquired: 10/29/2018 22:44:22 Type: Unk
Method: P4-ICP2(v2527) 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	.93556	.90423	4.2746	.88947	.25653	36.541	1.0441	.10134
Stddev	.00135	.00525	.0099	.00542	.00073	.022	.0052	.00009
%RSD	.14409	.58077	.23066	.60942	.28531	.05959	.49891	.09072
#1	.93652	.90794	4.2816	.88563	.25601	36.525	1.0405	.10128
#2	.93461	.90051	4.2676	.89330	.25704	36.556	1.0478	.10141
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09837	77.201	1.0299	.29470	8.0295	324.50	2.6125	20.142
Stddev	.00072	.536	.0040	.00011	.0247	3.79	.0034	.168
%RSD	.73297	.69390	.38417	.03712	.30794	1.1693	.13045	.83183
#1	.09888	76.823	1.0327	.29478	8.0470	321.82	2.6149	20.024
#2	.09786	77.580	1.0271	.29462	8.0120	327.18	2.6101	20.260
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87340	.02394	5.7032	.32356	12.675	9.9793	.22711	.59678
Stddev	.00178	.00088	.0980	.00049	.127	.0628	.00093	.00680
%RSD	.20411	3.6945	1.7183	.15197	.99832	.62908	.40901	1.1403
#1	.87467	.02331	5.6339	.32322	12.585	9.9349	.22777	.60159
#2	.87214	.02457	5.7725	.32391	12.764	10.024	.22645	.59196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1238	2.1494	1.5235	1.7426	.12296	5.925	.37522	<.00000
Stddev	.0075	.0179	.0086	.0241	.00034	.002	.00213	.96038
%RSD	.35318	.83281	.56764	1.3832	.27910	.0340	.56748	4.4230
#1	2.1185	2.1367	1.5296	1.7256	.12272	5.926	.37371	-21.034
#2	2.1291	2.1620	1.5174	1.7597	.12320	5.923	.37673	-22.392

Sample Name: J5624-01ADLX2 Acquired: 10/29/2018 22:44:22 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	32.830
Stddev	1.406
%RSD	4.2818

#1	33.824
#2	31.836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.2	37873.	4328.3	100.04	2609.1
Stddev	10.7	125.	11.0	.84	13.0
%RSD	.45156	.32991	.25312	.83687	.49829

#1	2359.6	37784.	4336.1	100.63	2600.0
#2	2374.7	37961.	4320.6	99.445	2618.3

Sample Name: J5624-05DLX10 Acquired: 10/29/2018 22:48:12 Type: Unk
Method: P4-ICP2(v2527) 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	.01549	-.00880	.14769	.00835	-.00262	30.029	.29114	.00093
Stddev	.00366	.00069	.00077	.00517	.00151	.083	.00251	.00004
%RSD	23.634	7.8522	.52080	61.871	57.511	.27793	.86091	4.1454

#1	.01808	-.00929	.14715	.00470	-.00155	29.970	.28937	.00091
#2	.01290	-.00831	.14823	.01200	-.00368	30.088	.29291	.00096

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	82.440	.89428	.02769	.91303	141.41	9.7012	27.730
Stddev	.00007	.270	.00101	.00043	.00238	.55	.0232	.120
%RSD	27.674	.32691	.11268	1.5525	.26092	.38895	.23887	.43206

#1	-.00019	82.249	.89357	.02799	.91471	141.02	9.6848	27.645
#2	-.00029	82.630	.89499	.02738	.91135	141.80	9.7175	27.815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06342	-.00381	.27859	.16269	.62407	1.5089	.00802	.11052
Stddev	.00025	.00016	.03784	.00037	.00300	.0116	.00012	.00139
%RSD	.40038	4.0851	13.582	.22871	.48010	.76995	1.5003	1.2575

#1	.06324	-.00370	.25184	.16295	.62618	1.5007	.00794	.11150
#2	.06360	-.00392	.30535	.16243	.62195	1.5171	.00811	.10954

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0531	.26598	.02217	1.0201	.03147	1.342	.19951	<.00000
Stddev	.0063	.00104	.00037	.0080	.00082	.001	.00082	.31258
%RSD	.59565	.39032	1.6730	.78326	2.6007	.0741	.41316	4.1633

#1	1.0487	.26672	.02243	1.0145	.03090	1.343	.19893	-7.7291
#2	1.0575	.26525	.02191	1.0258	.03205	1.341	.20010	-7.2870

Sample Name: J5624-05DLX10 Acquired: 10/29/2018 22:48:12 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 30.357
 Stddev .841
 %RSD 2.7718

#1 29.762
 #2 30.952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.2	37404.	4206.2	101.71	2680.1
Stddev	11.9	31.	3.9	.58	8.5
%RSD	.50290	.08200	.09368	.57231	.31855

#1	2354.8	37382.	4209.0	101.30	2674.0
#2	2371.6	37426.	4203.4	102.12	2686.1

Sample Name: J5624-07DLX10 Acquired: 10/29/2018 22:52:17 Type: Unk
Method: P4-ICP2(v2527) 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	.11757	-.00797	.34307	.03147	.00123	24.794	.21512	.00040
Stddev	.00300	.00122	.00151	.00288	.00066	.076	.00039	.00016
%RSD	2.5514	15.378	.44136	9.1469	53.554	.30557	.17980	40.237

#1	.11969	-.00710	.34200	.02943	.00170	24.847	.21539	.00051
#2	.11545	-.00883	.34414	.03350	.00077	24.740	.21485	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	102.12	.48450	.02520	2.6882	91.635	6.3354	26.322
Stddev	.00003	.05	.00282	.00005	.0134	.473	.0146	.013
%RSD	1.1562	.05007	.58138	.19630	.49678	.51658	.23108	.04925

#1	.00265	102.08	.48251	.02516	2.6977	91.970	6.3457	26.313
#2	.00261	102.15	.48649	.02523	2.6788	91.300	6.3250	26.331

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07832	.00784	.32724	.12836	1.6609	1.1149	.00638	.16022
Stddev	.00030	.00039	.00672	.00029	.0018	.0377	.00044	.00315
%RSD	.38370	5.0353	2.0535	.22262	.10611	3.3835	6.9631	1.9640

#1	.07853	.00756	.32249	.12856	1.6622	1.1416	.00669	.16245
#2	.07810	.00812	.33199	.12816	1.6597	1.0883	.00607	.15800

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1260	.20580	.02316	1.5157	.02003	.9366	.18158	<.00000
Stddev	.0016	.00057	.00060	.0020	.00011	.0033	.00004	.11210
%RSD	.14578	.27729	2.6069	.13107	.53291	.3470	.02409	3.0121

#1	1.1248	.20620	.02358	1.5143	.02010	.9343	.18155	-3.6423
#2	1.1272	.20539	.02273	1.5171	.01995	.9389	.18161	-3.8008

Sample Name: J5624-07DLX10 Acquired: 10/29/2018 22:52:17 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	21.008
Stddev	1.058
%RSD	5.0362

#1	20.260
#2	21.756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.0	37556.	4241.5	101.53	2689.0
Stddev	17.2	111.	17.6	.37	10.5
%RSD	.72471	.29569	.41605	.36513	.38892

#1	2358.8	37477.	4253.9	101.27	2681.6
#2	2383.1	37634.	4229.0	101.79	2696.4

Sample Name: J5624-08DLX10 Acquired: 10/29/2018 22:56:21 Type: Unk
Method: P4-ICP2(v2527) 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	.05017	-.00725	4.6140	.00284	.00462	52.515	.90651	.00731
Stddev	.00172	.00055	.1066	.00206	.00153	.113	.00151	.00003
%RSD	3.4374	7.5972	2.3096	72.316	33.129	.21525	.16618	.35695
#1	.05138	-.00764	4.6893	.00139	.00570	52.595	.90757	.00733
#2	.04895	-.00686	4.5386	.00430	.00354	52.435	.90544	.00729
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	278.63	F 2.7372	.16432	26.477	145.99	1.4063	38.398
Stddev	.00031	1.01	.0034	.00330	.585	.74	.0015	.083
%RSD	26.362	.36095	.12309	2.0103	2.2090	.50885	.10854	.21544
#1	.00141	279.34	2.7396	.16666	26.891	146.52	1.4074	38.457
#2	.00097	277.92	2.7348	.16199	26.063	145.47	1.4053	38.340
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45031	-.00209	3.0873	.28432	34.920	6.7419	.01255	.06184
Stddev	.00818	.00035	.0140	.00155	.189	.0103	.00022	.00738
%RSD	1.8164	16.737	.45345	.54650	.54261	.15240	1.7195	11.927
#1	.45610	-.00184	3.0774	.28322	35.054	6.7347	.01240	.06705
#2	.44453	-.00234	3.0972	.28542	34.786	6.7492	.01270	.05662
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82563	.12784	.89491	1.4765	.05907	2.072	.48788	<.00000
Stddev	.02181	.00162	.01719	.0086	.00146	.047	.00066	.38324
%RSD	2.6411	1.2670	1.9209	.58114	2.4643	2.243	.13555	232.80
#1	.84105	.12899	.90707	1.4705	.06010	2.105	.48835	.10637
#2	.81021	.12670	.88276	1.4826	.05804	2.040	.48741	-.43562

Sample Name: J5624-08DLX10 Acquired: 10/29/2018 22:56:21 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	28.555
Stddev	.401
%RSD	1.4055

#1	28.271
#2	28.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.7	36518.	4183.6	97.635	2462.2
Stddev	49.2	140.	9.8	.568	54.8
%RSD	2.1965	.38388	.23535	.58225	2.2272

#1	2206.9	36419.	4176.7	97.233	2423.4
#2	2276.5	36617.	4190.6	98.037	2501.0

Sample Name: J5624-09DLX10 Acquired: 10/29/2018 23:00:14 Type: Unk
Method: P4-ICP2(v2527) 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	.18640	-.00860	.43623	.01533	.00096	24.362	.23305	.00038
Stddev	.00115	.00008	.00154	.00299	.00070	.257	.00028	.00011
%RSD	.61901	.98226	.35254	19.504	73.695	1.0536	.12125	29.672

#1	.18558	-.00854	.43732	.01321	.00046	24.181	.23325	.00046
#2	.18721	-.00866	.43514	.01744	.00145	24.544	.23285	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00545	154.87	.71700	.02928	2.9803	108.04	6.0738	35.340
Stddev	.00050	.03	.00511	.00031	.0308	1.28	.0449	.089
%RSD	9.2474	.01822	.71208	1.0450	1.0322	1.1851	.73916	.25134

#1	.00581	154.89	.71339	.02950	3.0020	107.13	6.0421	35.403
#2	.00509	154.85	.72061	.02906	2.9585	108.94	6.1056	35.277

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09751	.01676	.51760	.14833	1.5981	.96829	.00950	.23983
Stddev	.00087	.00039	.01917	.00102	.0098	.00265	.00017	.00536
%RSD	.88988	2.3374	3.7040	.69035	.61053	.27367	1.7568	2.2367

#1	.09813	.01704	.50405	.14760	1.5912	.96642	.00962	.23604
#2	.09690	.01649	.53116	.14905	1.6050	.97017	.00938	.24362

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5060	.33935	.02447	1.8172	.02217	1.069	.24342	<.00000
Stddev	.0151	.00430	.00043	.0031	.00047	.008	.00099	.40220
%RSD	1.0025	1.2677	1.7715	.17157	2.1402	.7605	.40623	17.819

#1	1.5166	.34239	.02417	1.8150	.02184	1.075	.24412	-2.5415
#2	1.4953	.33631	.02478	1.8194	.02251	1.063	.24272	-1.9727

Sample Name: J5624-09DLX10 Acquired: 10/29/2018 23:00:14 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	25.044
Stddev	1.267
%RSD	5.0584

#1	25.940
#2	24.148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.8	37318.	4206.4	99.228	2624.0
Stddev	27.9	152.	29.5	.374	32.4
%RSD	1.1971	.40782	.70167	.37647	1.2331

#1	2312.1	37425.	4185.6	99.492	2601.1
#2	2351.5	37210.	4227.3	98.964	2646.9

Sample Name: J5649-04DLX10 Acquired: 10/29/2018 23:04:17 Type: Unk
Method: P4-ICP2(v2527) 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	.02790	-.00335	.00356	.00368	.00151	30.459	.14353	.00310
Stddev	.00268	.00054	.00100	.00065	.00223	.218	.00118	.00012
%RSD	9.6083	16.058	28.078	17.707	146.98	.71715	.81881	3.9560

#1	.02600	-.00297	.00285	.00414	-.00006	30.614	.14436	.00301
#2	.02979	-.00373	.00427	.00322	.00309	30.305	.14270	.00319

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	.85164	.09363	.03774	.07303	113.78	.22465	17.884
Stddev	.00027	.00706	.00022	.00052	.00090	.32	.00100	.144
%RSD	11.527	.82941	.23795	1.3900	1.2330	.28463	.44336	.80253

#1	-.00255	.84665	.09347	.03737	.07239	114.01	.22535	17.985
#2	-.00217	.85664	.09378	.03811	.07366	113.55	.22395	17.782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08435	-.00444	-.72126	.10129	.13862	.67447	.00017	.00440
Stddev	.00072	.00025	.02107	.00028	.00000	.01948	.00013	.00439
%RSD	.85119	5.5923	2.9211	.27184	.00320	2.8884	78.393	99.937

#1	.08385	-.00461	-.73616	.10148	.13862	.68825	.00026	.00129
#2	.08486	-.00426	-.70636	.10109	.13863	.66070	.00007	.00750

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11088	.57928	.00277	.62474	.02350	1.162	.01655	<.00000
Stddev	.00203	.00207	.00011	.00396	.00048	.020	.00012	.06172
%RSD	1.8308	.35802	3.8163	.63321	2.0444	1.724	.70252	.64719

#1	.11231	.58075	.00269	.62754	.02316	1.148	.01663	-9.5806
#2	.10944	.57782	.00284	.62194	.02384	1.177	.01647	-9.4933

Sample Name: J5649-04DLX10 Acquired: 10/29/2018 23:04:17 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 28.672
Stddev .390
%RSD 1.3610

#1 28.397
#2 28.948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.6	40776.	4387.5	99.177	2907.8
Stddev	31.7	345.	27.5	.349	38.4
%RSD	1.1867	.84593	.62773	.35217	1.3222

#1	2693.0	40532.	4368.1	98.930	2935.0
#2	2648.2	41020.	4407.0	99.424	2880.6

Sample Name: J5649-09DLX10 Acquired: 10/29/2018 23:08:19 Type: Unk
Method: P4-ICP2(v2527) 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	.00366	-.00377	.01435	-.00002	.00306	22.833	.23361	.00410
Stddev	.00056	.00130	.00090	.00164	.00109	.047	.00111	.00010
%RSD	15.299	34.460	6.2855	10232.	35.576	.20587	.47330	2.5502

#1	.00406	-.00468	.01499	.00114	.00384	22.866	.23439	.00418
#2	.00327	-.00285	.01372	-.00117	.00229	22.800	.23283	.00403

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	1.8557	.04660	.04067	.00752	104.32	1.7957	13.172
Stddev	.00001	.0205	.00085	.00017	.00020	.70	.0054	.045
%RSD	1.0505	1.1073	1.8138	.41415	2.6121	.67400	.30137	.33868

#1	-.00138	1.8702	.04720	.04055	.00738	104.82	1.7995	13.140
#2	-.00136	1.8412	.04600	.04079	.00766	103.82	1.7919	13.203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06865	-.00492	-.80272	.03444	.20722	2.2327	.00052	.00105
Stddev	.00016	.00006	.00601	.00042	.00196	.0031	.00000	.00570
%RSD	.22998	1.2795	.74836	1.2164	.94792	.13975	.09957	544.21

#1	.06854	-.00488	-.80697	.03474	.20861	2.2349	.00052	-.00298
#2	.06877	-.00497	-.79847	.03414	.20583	2.2305	.00052	.00508

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11717	.87884	.00173	.35549	.04845	1.449	.03747	<.00000
Stddev	.00108	.00151	.00080	.00131	.00055	.004	.00002	.54543
%RSD	.92099	.17191	46.100	.36713	1.1289	.2943	.04571	6.1012

#1	.11794	.87777	.00230	.35642	.04884	1.452	.03745	-8.5540
#2	.11641	.87991	.00117	.35457	.04807	1.446	.03748	-9.3253

Sample Name: J5649-09DLX10 Acquired: 10/29/2018 23:08:19 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	26.544
Stddev	.525
%RSD	1.9787

#1	26.173
#2	26.915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.2	39447.	4341.5	103.46	2845.0
Stddev	5.0	156.	26.4	1.28	2.9
%RSD	.20079	.39481	.60815	1.2363	.10120

#1	2490.7	39337.	4322.8	102.56	2843.0
#2	2497.8	39557.	4360.1	104.37	2847.1

Sample Name: J5649-10DLX10 Acquired: 10/29/2018 23:12:21 Type: Unk
Method: P4-ICP2(v2527) 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	.00385	-.00339	-.00463	-.00257	.00073	26.648	.10267	.00217
Stddev	.00192	.00056	.00143	.00123	.00053	.045	.00051	.00004
%RSD	49.749	16.465	31.002	48.023	73.018	.17015	.49423	1.8548

#1	.00250	-.00379	-.00361	-.00170	.00035	26.616	.10231	.00219
#2	.00520	-.00300	-.00564	-.00344	.00111	26.680	.10303	.00214

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	1.1159	.05305	.01250	.04019	117.07	.62786	3.4308
Stddev	.00011	.0008	.00004	.00003	.00039	1.28	.00055	.0627
%RSD	7.3351	.06704	.06855	.23689	.96529	1.0915	.08751	1.8266

#1	-.00143	1.1165	.05307	.01252	.04046	116.17	.62747	3.3865
#2	-.00158	1.1154	.05302	.01248	.03991	117.98	.62825	3.4751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03033	-.00577	-.59624	.08769	.09825	1.9742	-.00043	-.01955
Stddev	.00052	.00042	.00749	.00003	.00065	.0207	.00009	.00052
%RSD	1.7139	7.2041	1.2567	.03083	.66656	1.0466	20.042	2.6405

#1	.02996	-.00607	-.60154	.08768	.09779	1.9596	-.00049	-.01992
#2	.03070	-.00548	-.59094	.08771	.09871	1.9888	-.00037	-.01919

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37234	1.0025	.00231	.40678	.01395	1.131	.01483	<.00000
Stddev	.00181	.0084	.00071	.00254	.00048	.004	.00019	.18718
%RSD	.48604	.83528	30.518	.62453	3.4587	.3076	1.2961	1.9661

#1	.37362	1.0084	.00281	.40498	.01429	1.134	.01470	-9.3879
#2	.37107	.99656	.00181	.40857	.01360	1.129	.01497	-9.6526

Sample Name: J5649-10DLX10 Acquired: 10/29/2018 23:12:21 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	30.191
Stddev	.237
%RSD	.78429

#1	30.359
#2	30.024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.9	38675.	4270.9	104.45	2871.3
Stddev	1.0	55.	2.3	.92	.0
%RSD	.04236	.14100	.05297	.88282	.00088

#1	2461.6	38637.	4272.5	105.10	2871.3
#2	2460.1	38714.	4269.3	103.80	2871.3

Sample Name: CCV11 Acquired: 10/29/2018 23:16:23 Type: Unk
Method: P4-ICP2(v2527) 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	4.8872	4.9059	4.9002	4.8652	4.9008	9.9796	9.6434	.25020
Stddev	.0098	.0156	.0027	.0005	.0011	.0253	.0056	.00053
%RSD	.19999	.31834	.05525	.01109	.02205	.25328	.05752	.21336
#1	4.8941	4.9170	4.8983	4.8648	4.9016	9.9617	9.6473	.24983
#2	4.8803	4.8949	4.9021	4.8656	4.9001	9.9974	9.6394	.25058
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4500	24.431	1.0104	2.4464	1.2224	4.8684	2.4944	24.457
Stddev	.0031	.014	.0036	.0004	.0015	.0657	.0084	.155
%RSD	.12519	.05923	.35558	.01762	.12313	1.3494	.33660	.63212
#1	2.4522	24.421	1.0078	2.4461	1.2234	4.9149	2.4885	24.348
#2	2.4479	24.442	1.0129	2.4467	1.2213	4.8220	2.5003	24.567
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4315	1.2220	23.934	2.4491	2.4634	24.075	4.9202	4.8692
Stddev	.0008	.0067	.010	.0083	.0483	.008	.0050	.0584
%RSD	.03300	.55155	.04252	.33790	1.9594	.03245	.10119	1.1997
#1	2.4309	1.2173	23.927	2.4433	2.4976	24.069	4.9238	4.8279
#2	2.4320	1.2268	23.941	2.4550	2.4293	24.080	4.9167	4.9105
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7629	4.7548	4.9111	4.8933	4.8213	4.986	4.8379	F .94130
Stddev	.0035	.0083	.0043	.0181	.0050	.016	.0096	.40094
%RSD	.07257	.17550	.08792	.37032	.10398	.3172	.19913	42.594
#1	4.7654	4.7489	4.9141	4.8805	4.8177	4.997	4.8447	1.2248
#2	4.7605	4.7607	4.9080	4.9061	4.8248	4.975	4.8311	.65779

Sample Name: CCV11 Acquired: 10/29/2018 23:16:23 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2415
Stddev	.1556
%RSD	4.7992

#1	3.1315
#2	3.3515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.7	37081.	4189.2	103.24	2722.1
Stddev	4.1	50.	10.7	2.07	5.0
%RSD	.17242	.13361	.25475	2.0005	.18189

#1	2354.8	37046.	4181.6	101.78	2718.6
#2	2360.5	37117.	4196.7	104.70	2725.6

Sample Name: CCB11 Acquired: 10/29/2018 23:20:09 Type: Unk
Method: P4-ICP2(v2527) 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	-.00020	.00128	-.00124	.00333	-.00053	.01066	-.00046
Stddev	.00254	.00080	.00057	.00035	.00076	.00712	.00014
%RSD	1269.0	62.896	45.992	10.442	144.36	66.758	30.406

#1	.00160	.00071	-.00164	.00308	.00001	.00563	-.00056
#2	-.00200	.00184	-.00084	.00358	-.00107	.01570	-.00036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	.00652	-.00002	-.00027	-.00020	.00522
Stddev	.00010	.00002	.00385	.00013	.00001	.00005	.00667
%RSD	243.65	40.478	59.105	555.91	2.9232	26.299	127.86

#1	.00011	.00004	.00924	-.00011	-.00028	-.00016	.00050
#2	-.00003	.00008	.00379	.00007	-.00027	-.00023	.00993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00530	.00066	-.00052	-.18616	-.00028	-.00100
Stddev	.00000	.02747	.00016	.00005	.01109	.00040	.00011
%RSD	2.5591	517.95	24.686	10.133	5.9596	142.44	11.302

#1	-.00003	.02473	.00078	-.00048	-.19400	.00000	-.00092
#2	-.00003	-.01412	.00055	-.00056	-.17831	-.00056	-.00108

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.23530	.00059	-.00044	-.00730	-.00704	-.00063	-.00055
Stddev	.03866	.00001	.00319	.00059	.00169	.00024	.00121
%RSD	16.430	1.3364	733.12	8.1364	23.998	38.129	220.28

#1	-.20796	.00058	.00182	-.00688	-.00824	-.00046	-.00140
#2	-.26263	.00059	-.00269	-.00772	-.00585	-.00079	.00031

Sample Name: CCB11 Acquired: 10/29/2018 23:20:09 Type: Unk
Method: P4-ICP2(v2527) 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	-.00867	.0005	-.00008	F<.00000	F .52412
Stddev	.00037	.0004	.00002	.38402	.00282
%RSD	4.2758	76.42	22.044	21.092	.53767

#1	-.00893	.0007	-.00007	-1.5491	.52611
#2	-.00841	.0002	-.00009	-2.0922	.52213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.8	38569.	4225.6	106.98	3010.8
Stddev	8.4	111.	37.2	2.37	13.7
%RSD	.34177	.28696	.88012	2.2144	.45532

#1	2440.9	38490.	4199.3	108.65	3001.1
#2	2452.7	38647.	4251.9	105.30	3020.5

Sample Name: J5515-03 Acquired: 10/29/2018 23:24:14 Type: Unk
Method: P4-ICP2(v2527) 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	.00862	-.01630	.43754	.01959	.00591	137.49	1.0659	.00751
Stddev	.00116	.00057	.00243	.00003	.00043	.64	.0032	.00018
%RSD	13.460	3.4847	.55512	.13508	7.2555	.46813	.29957	2.4253

#1	.00944	-.01670	.43926	.01957	.00561	137.04	1.0637	.00738
#2	.00780	-.01590	.43583	.01961	.00622	137.95	1.0682	.00764

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	57.686	.22048	.17906	.49798	319.19	6.1994	77.014
Stddev	.00048	.228	.00128	.00020	.00083	2.29	.0126	.483
%RSD	65.347	.39561	.58276	.11181	.16764	.71867	.20352	.62652

#1	.00107	57.524	.21957	.17920	.49857	317.57	6.2083	76.672
#2	.00040	57.847	.22139	.17892	.49739	320.81	6.1905	77.355

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34763	-.00356	1.6419	.38348	1.4211	14.902	.00225	.18813
Stddev	.00026	.00035	.0081	.00218	.0038	.067	.00013	.01162
%RSD	.07389	9.7761	.49457	.56728	.27016	.45083	5.6140	6.1750

#1	.34781	-.00380	1.6362	.38194	1.4183	14.855	.00234	.17991
#2	.34744	-.00331	1.6476	.38502	1.4238	14.950	.00216	.19634

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0983	3.7350	.02392	4.2682	.29415	5.105	.24369	<.00000
Stddev	.0131	.0248	.00113	.0003	.00151	.014	.00132	.00821
%RSD	.42325	.66272	4.7083	.00784	.51184	.2752	.54236	.03950

#1	3.0890	3.7175	.02312	4.2684	.29521	5.115	.24276	-20.782
#2	3.1075	3.7525	.02471	4.2679	.29308	5.096	.24463	-20.794

Sample Name: J5515-03 Acquired: 10/29/2018 23:24:14 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.339
Stddev	.662
%RSD	1.8745

#1	34.870
#2	35.807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.1	43784.	5056.1	98.174	2552.2
Stddev	6.7	11.	5.6	.217	12.1
%RSD	.24130	.02606	.10994	.22150	.47582

#1	2761.3	43792.	5060.0	98.328	2543.6
#2	2770.8	43776.	5052.1	98.020	2560.8

Sample Name: J5515-04 Acquired: 10/29/2018 23:28:18 Type: Unk
Method: P4-ICP2(v2527) 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	.01145	-.01499	.08133	.00980	.00132	106.28	1.2114	.00765
Stddev	.00276	.00043	.00139	.00281	.00090	.08	.0100	.00004
%RSD	24.074	2.8563	1.7050	28.687	68.155	.07325	.82488	.55040

#1	.01340	-.01530	.08231	.00781	.00069	106.22	1.2184	.00768
#2	.00950	-.01469	.08035	.01178	.00196	106.33	1.2043	.00762

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	153.75	.20456	.13235	.20253	249.13	6.2417	52.786
Stddev	.00022	1.05	.00043	.00070	.00078	1.09	.0111	.458
%RSD	49.422	.67977	.21165	.52956	.38594	.43794	.17832	.86772

#1	-.00061	154.49	.20425	.13284	.20308	249.91	6.2495	53.110
#2	-.00030	153.01	.20486	.13185	.20198	248.36	6.2338	52.462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28212	-.00460	1.3848	.24027	.67430	20.037	.00137	.11137
Stddev	.00112	.00000	.0262	.00049	.00481	.120	.00005	.00605
%RSD	.39640	.02976	1.8949	.20361	.71304	.59838	3.8101	5.4313

#1	.28291	-.00460	1.4033	.24062	.67770	20.122	.00141	.10710
#2	.28133	-.00460	1.3662	.23993	.67090	19.953	.00134	.11565

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46785	5.4834	.01120	2.2948	.29972	7.232	.30772	<.00000
Stddev	.00083	.0436	.00138	.0068	.00160	.026	.00305	.82581
%RSD	.17845	.79478	12.310	.29667	.53403	.3644	.99235	7.0356

#1	.46726	5.5143	.01022	2.2900	.29859	7.251	.30988	-11.154
#2	.46844	5.4526	.01217	2.2996	.30085	7.214	.30556	-12.321

Sample Name: J5515-04 Acquired: 10/29/2018 23:28:18 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	40.611
Stddev	1.343
%RSD	3.3081

#1	41.561
#2	39.661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2750.2	43255.	5030.2	99.003	2548.9
Stddev	10.6	193.	64.6	.839	14.2
%RSD	.38659	.44511	1.2842	.84710	.55631

#1	2742.7	43119.	4984.5	98.410	2538.9
#2	2757.8	43392.	5075.8	99.596	2558.9

Sample Name: J5515-19 Acquired: 10/29/2018 23:32:21 Type: Unk
Method: P4-ICP2(v2527) 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	.00923	-.01424	.07710	.01650	.00304	106.64	1.1536	.00800
Stddev	.00158	.00095	.00416	.00733	.00004	.17	.0116	.00016
%RSD	17.139	6.6448	5.3918	44.423	1.1701	.16031	1.0038	1.9788

#1	.00811	-.01491	.07416	.02168	.00307	106.52	1.1618	.00811
#2	.01035	-.01357	.08004	.01131	.00302	106.76	1.1454	.00788

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	28.708	.19812	.14359	.21749	256.41	9.6415	57.689
Stddev	.00140	.109	.00098	.00073	.00105	11.24	.0009	.325
%RSD	131.73	.37977	.49292	.50830	.48265	4.3818	.00920	.56410

#1	-.00206	28.785	.19743	.14411	.21675	264.36	9.6421	57.919
#2	-.00007	28.631	.19881	.14308	.21823	248.47	9.6408	57.459

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29334	-.00270	1.4200	.23517	.75463	20.991	.00138	.10767
Stddev	.00070	.00151	.0173	.00275	.03248	.186	.00005	.01803
%RSD	.23731	55.653	1.2185	1.1674	4.3039	.88401	3.7884	16.747

#1	.29383	-.00164	1.4322	.23323	.77760	21.122	.00141	.12042
#2	.29285	-.00377	1.4078	.23711	.73166	20.860	.00134	.09492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27834	3.7059	.01162	1.9847	.32304	7.077	.11362	<.00000
Stddev	.00335	.0135	.00186	.0293	.00415	.025	.00142	.44902
%RSD	1.2019	.36419	16.022	1.4756	1.2848	.3482	1.2471	2.4681

#1	.27597	3.6963	.01031	2.0054	.32598	7.095	.11462	-18.510
#2	.28070	3.7154	.01294	1.9640	.32011	7.060	.11262	-17.875

Sample Name: J5515-19 Acquired: 10/29/2018 23:32:21 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 40.701
 Stddev .136
 %RSD .33415

#1 40.797
 #2 40.605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.3	44796.	5038.4	99.564	2615.9
Stddev	11.4	21.	42.8	4.467	11.8
%RSD	.40438	.04754	.84922	4.4864	.45121

#1	2821.2	44811.	5008.1	96.406	2607.6
#2	2837.4	44781.	5068.6	102.72	2624.3

Sample Name: J5515-21 Acquired: 10/29/2018 23:36:28 Type: Unk
Method: P4-ICP2(v2527) 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	.01117	-.01188	.07047	.01498	.00466	91.209	1.1677	.00674
Stddev	.00012	.00064	.00140	.00473	.00151	.430	.0013	.00021
%RSD	1.0669	5.4272	1.9909	31.591	32.429	.47163	.11422	3.1497

#1	.01109	-.01234	.06948	.01833	.00359	90.905	1.1686	.00689
#2	.01126	-.01143	.07146	.01163	.00573	91.513	1.1667	.00659

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	168.23	.15110	.10761	.13814	208.19	5.0855	46.591
Stddev	.00004	.55	.00063	.00004	.00083	1.62	.0109	.242
%RSD	5.2858	.32469	.41382	.03704	.60182	.77689	.21388	.51845

#1	-.00073	168.62	.15066	.10763	.13755	209.34	5.0778	46.762
#2	-.00067	167.85	.15154	.10758	.13873	207.05	5.0932	46.420

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22626	-.00484	1.3529	.20521	.55890	18.599	.00080	.09161
Stddev	.00049	.00013	.0003	.00145	.00670	.022	.00009	.00404
%RSD	.21569	2.6671	.02116	.70880	1.1984	.11868	11.562	4.4050

#1	.22661	-.00493	1.3531	.20418	.56364	18.615	.00074	.09446
#2	.22592	-.00475	1.3527	.20624	.55417	18.584	.00087	.08876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35990	4.8636	.00916	2.1117	.26287	6.318	.22403	<.00000
Stddev	.00416	.0412	.00201	.0022	.00059	.011	.00033	.08765
%RSD	1.1551	.84686	21.945	.10160	.22275	.1788	.14754	1.1097

#1	.36284	4.8928	.01058	2.1133	.26328	6.326	.22426	-7.8364
#2	.35696	4.8345	.00774	2.1102	.26245	6.310	.22379	-7.9604

Sample Name: J5515-21 Acquired: 10/29/2018 23:36:28 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 40.324
 Stddev .125
 %RSD .30948

#1 40.412
 #2 40.236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.6	42432.	4904.7	99.148	2544.7
Stddev	2.9	89.	35.6	1.419	13.1
%RSD	.10771	.21019	.72682	1.4314	.51460

#1	2680.6	42496.	4879.5	98.144	2535.5
#2	2684.7	42369.	4929.9	100.15	2554.0

Sample Name: J5695-01 Acquired: 10/29/2018 23:40:30 Type: Unk
Method: P4-ICP2(v2527) 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	.08967	-.02338	.09949	.00399	-.00059	189.87	1.1397	.01050
Stddev	.00294	.00091	.00455	.00021	.00195	.89	.0010	.00020
%RSD	3.2815	3.8875	4.5708	5.2536	332.32	.47088	.08533	1.9167
#1	.08759	-.02402	.10271	.00414	-.00197	189.23	1.1404	.01036
#2	.09175	-.02274	.09628	.00384	.00079	190.50	1.1390	.01065
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	1793.9	.32474	.05197	.23203	145.76	3.0758	76.624
Stddev	.00015	.3	.00280	.00044	.00060	1.68	.0038	.088
%RSD	4.0836	.01431	.86219	.85389	.25653	1.1515	.12362	.11525
#1	.00359	1793.8	.32276	.05165	.23245	146.95	3.0785	76.686
#2	.00380	1794.1	.32672	.05228	.23161	144.57	3.0731	76.561
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13558	-.00115	10.303	.24221	2.5869	38.030	.01809	.58142
Stddev	.00046	.00103	.014	.00088	.0406	.006	.00017	.00550
%RSD	.34157	89.279	.13639	.36198	1.5684	.01473	.96432	.94640
#1	.13526	-.00042	10.293	.24159	2.6156	38.034	.01797	.58531
#2	.13591	-.00188	10.313	.24283	2.5582	38.026	.01822	.57753
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 78.662	1.1481	.02039	5.9642	.17313	F 12.11	F 10.112	84.112
Stddev	.542	.0005	.00176	.0090	.00077	.06	.041	.341
%RSD	.68892	.03973	8.6177	.15056	.44602	.5278	.40399	.40509
#1	78.278	1.1477	.02163	5.9705	.17258	12.06	10.141	83.871
#2	79.045	1.1484	.01914	5.9578	.17368	12.15	10.084	84.353

Sample Name: J5695-01 Acquired: 10/29/2018 23:40:30 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.018
Stddev	.227
%RSD	.78329

#1	29.178
#2	28.857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.9	36714.	4605.1	88.223	2057.8
Stddev	12.3	54.	28.6	1.501	13.3
%RSD	.52489	.14625	.62196	1.7011	.64751

#1	2357.6	36677.	4584.8	87.162	2067.2
#2	2340.2	36752.	4625.3	89.285	2048.4

Sample Name: J5700-01 Acquired: 10/29/2018 23:44:43 Type: Unk
Method: P4-ICP2(v2527) 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	.03161	-.00989	.04595	.02685	.00166	56.802	.31418	.00542
Stddev	.00195	.00032	.00062	.00127	.00083	.053	.00075	.00009
%RSD	6.1705	3.2524	1.3498	4.7185	49.946	.09272	.23973	1.6651

#1	.03023	-.01012	.04639	.02775	.00225	56.839	.31471	.00548
#2	.03299	-.00966	.04551	.02595	.00107	56.764	.31364	.00535

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	3.8036	.16965	.15291	.20490	242.78	5.9242	16.298
Stddev	.00022	.0700	.00152	.00008	.00043	.76	.0293	.007
%RSD	9.9183	1.8401	.89734	.05479	.20952	.31341	.49523	.04475

#1	-.00204	3.8531	.17073	.15285	.20520	242.24	5.9034	16.293
#2	-.00234	3.7541	.16857	.15297	.20459	243.32	5.9449	16.304

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21809	.00226	.53037	.12752	.65166	4.0724	.00759	.10102
Stddev	.00033	.00029	.00951	.00005	.00076	.0230	.00007	.00106
%RSD	.15232	12.813	1.7931	.04140	.11668	.56431	.94867	1.0501

#1	.21785	.00206	.52364	.12756	.65112	4.0887	.00754	.10027
#2	.21832	.00247	.53709	.12748	.65220	4.0562	.00764	.10177

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31595	4.9651	.02056	1.2228	.07674	5.604	.02400	<.00000
Stddev	.00050	.0007	.00029	.0018	.00052	.009	.00011	.02456
%RSD	.15871	.01487	1.4318	.14349	.68185	.1567	.46016	.09932

#1	.31631	4.9646	.02076	1.2240	.07711	5.598	.02392	-24.714
#2	.31560	4.9656	.02035	1.2216	.07637	5.610	.02407	-24.749

Sample Name: J5700-01 Acquired: 10/29/2018 23:44:43 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 44.907
Stddev .163
%RSD .36202

#1 45.022
#2 44.792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.6	55915.	6198.6	103.26	2847.9
Stddev	12.3	42.	3.5	.14	4.5
%RSD	.34676	.07459	.05592	.13633	.15728

#1	3530.9	55945.	6201.0	103.16	2844.8
#2	3548.3	55886.	6196.1	103.36	2851.1

Sample Name: J5700-02 Acquired: 10/29/2018 23:48:45 Type: Unk
Method: P4-ICP2(v2527) 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	.04257	-.01209	.04201	.02981	.00402	58.158	.30310	.00549
Stddev	.00319	.00133	.00319	.00253	.00081	.410	.00212	.00004
%RSD	7.5029	10.975	7.5835	8.4893	20.053	.70513	.69974	.77368

#1	.04483	-.01115	.04426	.02802	.00459	58.448	.30160	.00552
#2	.04031	-.01303	.03976	.03160	.00345	57.868	.30460	.00546

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	4.2229	.22154	.16252	.22409	301.83	5.3936	17.773
Stddev	.00123	.0014	.00090	.00060	.00181	9.50	.0462	.067
%RSD	46.369	.03219	.40574	.36869	.80628	3.1469	.85616	.37807

#1	-.00178	4.2238	.22091	.16210	.22537	295.11	5.4263	17.725
#2	-.00352	4.2219	.22218	.16294	.22281	308.55	5.3610	17.821

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18266	-.00151	-.03119	.19604	.44211	4.2578	.00628	.09479
Stddev	.00015	.00125	.00978	.00057	.01671	.0198	.00015	.01126
%RSD	.08354	83.056	31.352	.29200	3.7799	.46437	2.4131	11.882

#1	.18277	-.00239	-.03810	.19564	.43029	4.2439	.00638	.08683
#2	.18255	-.00062	-.02427	.19645	.45393	4.2718	.00617	.10276

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27212	4.3089	.01158	1.8815	.07259	5.931	.02773	<.00000
Stddev	.00264	.0773	.00136	.0095	.00004	.008	.00020	.10884
%RSD	.97132	1.7936	11.768	.50322	.05982	.1380	.71841	.40311

#1	.27025	4.2543	.01254	1.8882	.07256	5.925	.02787	-27.077
#2	.27398	4.3636	.01061	1.8748	.07262	5.937	.02759	-26.923

Sample Name: J5700-02 Acquired: 10/29/2018 23:48:45 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 43.572
Stddev .066
%RSD .15208

#1 43.619
#2 43.526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.0	51443.	5737.9	104.84	2801.0
Stddev	12.6	352.	54.9	3.83	3.0
%RSD	.38898	.68375	.95613	3.6561	.10710

#1	3232.1	51194.	5776.7	107.55	2798.9
#2	3249.9	51692.	5699.1	102.13	2803.2

Sample Name: J5700-03 Acquired: 10/29/2018 23:52:46 Type: Unk
Method: P4-ICP2(v2527) 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	.04112	-.01161	.05962	.02813	.00388	73.779	.27321	.00584
Stddev	.00095	.00144	.00084	.00407	.00117	.011	.00208	.00007
%RSD	2.3115	12.368	1.4094	14.481	30.176	.01535	.76210	1.2137
#1	.04179	-.01060	.06022	.03101	.00471	73.787	.27468	.00589
#2	.04044	-.01263	.05903	.02525	.00305	73.771	.27174	.00579
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	3.8385	.12606	.16871	.24415	300.99	8.4910	23.543
Stddev	.00038	.0312	.00044	.00015	.00074	4.29	.0168	.053
%RSD	15.869	.81391	.34614	.08977	.30303	1.4258	.19730	.22447
#1	-.00269	3.8164	.12575	.16882	.24363	304.03	8.4792	23.581
#2	-.00215	3.8605	.12637	.16860	.24468	297.96	8.5029	23.506
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22149	-.00022	-.36665	.16887	.61772	5.0029	.00588	.10919
Stddev	.00078	.00107	.00461	.00015	.00689	.0029	.00015	.00382
%RSD	.35302	484.07	1.2582	.08833	1.1157	.05826	2.5231	3.5010
#1	.22205	.00054	-.36991	.16898	.62260	5.0049	.00577	.11190
#2	.22094	-.00098	-.36339	.16877	.61285	5.0008	.00598	.10649
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25469	6.1595	.00981	1.5634	.11720	5.751	.04285	<.00000
Stddev	.00148	.0036	.00052	.0009	.00160	.011	.00005	.15661
%RSD	.58084	.05806	5.2830	.06013	1.3681	.1831	.11849	.58019
#1	.25364	6.1569	.01018	1.5627	.11606	5.758	.04281	-27.104
#2	.25573	6.1620	.00945	1.5640	.11833	5.743	.04288	-26.883

Sample Name: J5700-03 Acquired: 10/29/2018 23:52:46 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 45.439
 Stddev 2.958
 %RSD 6.5100

#1 43.347
 #2 47.530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.8	51949.	5797.3	104.04	2783.7
Stddev	7.5	34.	23.7	1.32	11.4
%RSD	.22694	.06594	.40823	1.2682	.41115

#1	3294.5	51925.	5780.6	103.11	2775.6
#2	3305.1	51973.	5814.1	104.98	2791.8

Sample Name: J5700-04 Acquired: 10/29/2018 23:56:47 Type: Unk
Method: P4-ICP2(v2527) 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	.04929	-.01143	.05159	.02578	.00436	72.155	.34501	.00643
Stddev	.00036	.00141	.00262	.00247	.00063	.234	.00041	.00014
%RSD	.72281	12.309	5.0787	9.5941	14.443	.32491	.11881	2.1278

#1	.04903	-.01044	.05344	.02404	.00481	71.990	.34472	.00653
#2	.04954	-.01243	.04973	.02753	.00392	72.321	.34530	.00634

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	3.3903	.09672	.32044	.27449	277.81	8.2174	22.064
Stddev	.00035	.0638	.00025	.00019	.00069	3.00	.0182	.050
%RSD	13.684	1.8829	.25775	.05893	.25114	1.0807	.22103	.22644

#1	-.00231	3.4355	.09655	.32030	.27498	275.69	8.2046	22.028
#2	-.00280	3.3452	.09690	.32057	.27401	279.93	8.2302	22.099

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17289	-.00143	-.16797	.16947	.51646	5.6772	.00723	.07689
Stddev	.00094	.00027	.00719	.00075	.00200	.0126	.00019	.00596
%RSD	.54281	19.001	4.2828	.44485	.38638	.22262	2.6953	7.7533

#1	.17223	-.00162	-.17305	.16893	.51505	5.6683	.00737	.07267
#2	.17355	-.00124	-.16288	.17000	.51787	5.6861	.00709	.08110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30718	7.1317	.01196	1.9948	.10602	4.968	.03222	<.00000
Stddev	.00240	.0745	.00030	.0034	.00031	.004	.00006	.44986
%RSD	.78174	1.0443	2.5450	.16783	.29354	.0903	.18675	1.9086

#1	.30549	7.1844	.01217	1.9925	.10624	4.971	.03218	-23.252
#2	.30888	7.0791	.01174	1.9972	.10580	4.964	.03226	-23.888

Sample Name: J5700-04 Acquired: 10/29/2018 23:56:47 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	47.245
Stddev	2.366
%RSD	5.0082

#1	48.919
#2	45.572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.7	49440.	5449.7	103.44	2814.2
Stddev	2.6	43.	38.9	.36	.4
%RSD	.08223	.08684	.71354	.34722	.01595

#1	3139.8	49470.	5422.2	103.69	2814.5
#2	3143.5	49409.	5477.2	103.18	2813.9

Sample Name: J5700-05 Acquired: 10/30/2018 0:00:49 Type: Unk
Method: P4-ICP2(v2527) 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	.03823	-.01573	.22037	.01649	.00439	214.91	.54963	.00589
Stddev	.00077	.00085	.00018	.00091	.00087	.64	.00418	.00005
%RSD	2.0117	5.3723	.08263	5.4901	19.912	.29728	.76094	.89727

#1	.03769	-.01633	.22024	.01713	.00378	215.36	.55259	.00592
#2	.03877	-.01513	.22050	.01585	.00501	214.45	.54667	.00585

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	8.6778	.32634	.10982	.21044	294.59	1.8625	34.184
Stddev	.00033	.0024	.00154	.00036	.00086	4.19	.0055	.141
%RSD	21.931	.02743	.47071	.32528	.40929	1.4236	.29706	.41276

#1	-.00175	8.6761	.32742	.10956	.20983	297.55	1.8586	34.284
#2	-.00128	8.6795	.32525	.11007	.21105	291.62	1.8664	34.084

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18936	-.00452	1.2212	.44699	.72835	6.5916	.02672	.07619
Stddev	.00026	.00004	.0004	.00305	.00675	.0788	.00002	.00957
%RSD	.13863	.97291	.03435	.68330	.92725	1.1957	.08493	12.560

#1	.18918	-.00455	1.2215	.44915	.73313	6.6473	.02673	.08296
#2	.18955	-.00449	1.2209	.44484	.72358	6.5358	.02670	.06943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4345	2.7754	.02142	2.4594	.16714	3.789	.08592	<.00000
Stddev	.0095	.0047	.00136	.0047	.00050	.004	.00018	.27873
%RSD	.66173	.16877	6.3484	.19195	.29840	.1079	.20557	1.3022

#1	1.4413	2.7720	.02238	2.4627	.16750	3.786	.08604	-21.601
#2	1.4278	2.7787	.02046	2.4560	.16679	3.792	.08579	-21.207

Sample Name: J5700-05 Acquired: 10/30/2018 0:00:49 Type: Unk
 Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 37.792
 Stddev 1.123
 %RSD 2.9720

#1 36.998
 #2 38.587

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.7	46232.	5311.7	102.58	2700.4
Stddev	19.4	56.	6.4	1.22	6.3
%RSD	.64678	.12100	.12134	1.1887	.23458

#1	2991.0	46272.	5307.2	101.72	2695.9
#2	3018.5	46193.	5316.3	103.44	2704.9

Sample Name: CCV12 Acquired: 10/30/2018 0:04:49 Type: Unk
Method: P4-ICP2(v2527) 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	4.6429	4.6871	4.6684	4.6183	4.6328	9.4095	9.1317	.23931
Stddev	.0210	.0137	.0078	.0186	.0185	.0823	.1749	.00013
%RSD	.45241	.29296	.16739	.40276	.40021	.87474	1.9157	.05515
#1	4.6578	4.6968	4.6739	4.6314	4.6459	9.3513	9.0080	.23921
#2	4.6281	4.6774	4.6629	4.6051	4.6197	9.4677	9.2554	.23940
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3373	23.316	.96641	2.3284	1.1628	4.6712	2.3855	23.163
Stddev	.0018	.610	.00237	.0074	.0009	.1077	.0037	.298
%RSD	.07604	2.6167	.24499	.31768	.07798	2.3060	.15496	1.2869
#1	2.3385	22.885	.96808	2.3336	1.1635	4.5950	2.3829	22.953
#2	2.3360	23.747	.96473	2.3232	1.1622	4.7473	2.3881	23.374
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3253	1.1695	22.650	2.3593	2.4068	22.884	4.7065	4.6649
Stddev	.0019	.0016	.402	.0109	.0362	.496	.0043	.0972
%RSD	.08353	.13504	1.7746	.46131	1.5059	2.1694	.09157	2.0832
#1	2.3267	1.1706	22.366	2.3670	2.3811	22.533	4.7096	4.5961
#2	2.3240	1.1683	22.935	2.3516	2.4324	23.235	4.7035	4.7336
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5427	4.6063	4.6873	4.6122	4.5865	4.752	4.5813	F .05561
Stddev	.0168	.0944	.0005	.0631	.0903	.016	.0840	.75387
%RSD	.36891	2.0482	.00971	1.3675	1.9681	.3452	1.8331	1355.6
#1	4.5546	4.5396	4.6870	4.5676	4.5227	4.763	4.5219	-.47745
#2	4.5309	4.6731	4.6876	4.6568	4.6503	4.740	4.6407	.58868

Sample Name: CCV12 Acquired: 10/30/2018 0:04:49 Type: Unk
Method: P4-ICP2(v2527) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9225
Stddev .2547
%RSD 8.7140

#1 3.1026
#2 2.7424

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.2	38400.	4295.1	104.78	2830.5
Stddev	10.7	63.	66.5	1.32	13.3
%RSD	.43461	.16500	1.5481	1.2611	.46977

#1	2446.6	38355.	4342.1	105.71	2821.1
#2	2461.7	38445.	4248.0	103.84	2839.9

Sample Name: CCB12 Acquired: 10/30/2018 0:08:35 Type: Unk
Method: P4-ICP2(v2527) 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	-.00026	-.00084	-.00081	.00099	-.00027	.00245	-.00062
Stddev	.00131	.00061	.00006	.00296	.00080	.01276	.00046
%RSD	508.89	72.286	7.6054	299.86	294.56	520.45	74.681

#1	-.00119	-.00128	-.00077	-.00110	.00029	.01148	-.00094
#2	.00067	-.00041	-.00085	.00308	-.00084	-.00657	-.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00001	.01688	.00011	-.00018	-.00019	.00710
Stddev	.00001	.00002	.01149	.00037	.00012	.00005	.00285
%RSD	58.116	149.50	68.064	350.55	62.982	25.692	40.160

#1	.00001	-.00002	.00876	.00037	-.00027	-.00015	.00911
#2	.00001	.00000	.02501	-.00016	-.00010	-.00022	.00508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.04005	.00084	-.00018	-.28601	-.00012	-.00099
Stddev	.00000	.03954	.00056	.00007	.00374	.00036	.00003
%RSD	.59055	98.717	66.147	40.030	1.3091	304.66	3.2665

#1	-.00003	-.06801	.00045	-.00013	-.28866	.00014	-.00102
#2	-.00003	-.01209	.00124	-.00023	-.28336	-.00037	-.00097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.28926	.00059	.00177	-.00388	-.00816	-.00040	-.00133
Stddev	.06512	.00021	.00006	.00149	.00241	.00026	.00075
%RSD	22.513	34.683	3.3879	38.363	29.499	64.612	56.100

#1	-.33531	.00074	.00181	-.00493	-.00646	-.00058	-.00186
#2	-.24321	.00045	.00173	-.00282	-.00986	-.00022	-.00080

Sample Name: CCB12 Acquired: 10/30/2018 0:08:35 Type: Unk
 Method: P4-ICP2(v2527) 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	-0.00879	-0.0010	-0.00005	F<.00000	F<.00000
Stddev	.00105	.0003	.00001	.23364	.60229
%RSD	11.986	31.81	28.297	8.8745	499.18

#1	-0.00804	-0.0013	-0.00006	-2.7979	-.54654
#2	-0.00953	-0.0008	-0.00004	-2.4675	.30523

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.2	39955.	4246.6	107.86	3104.1
Stddev	13.9	118.	28.5	.24	18.4
%RSD	.55067	.29580	.67065	.21853	.59214

#1	2519.4	39872.	4226.5	107.69	3091.1
#2	2539.1	40039.	4266.8	108.03	3117.1