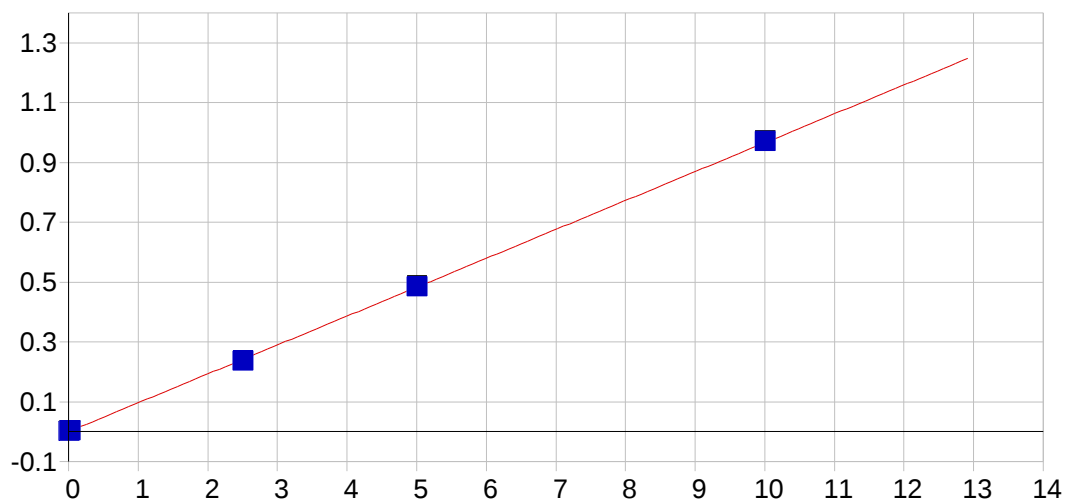


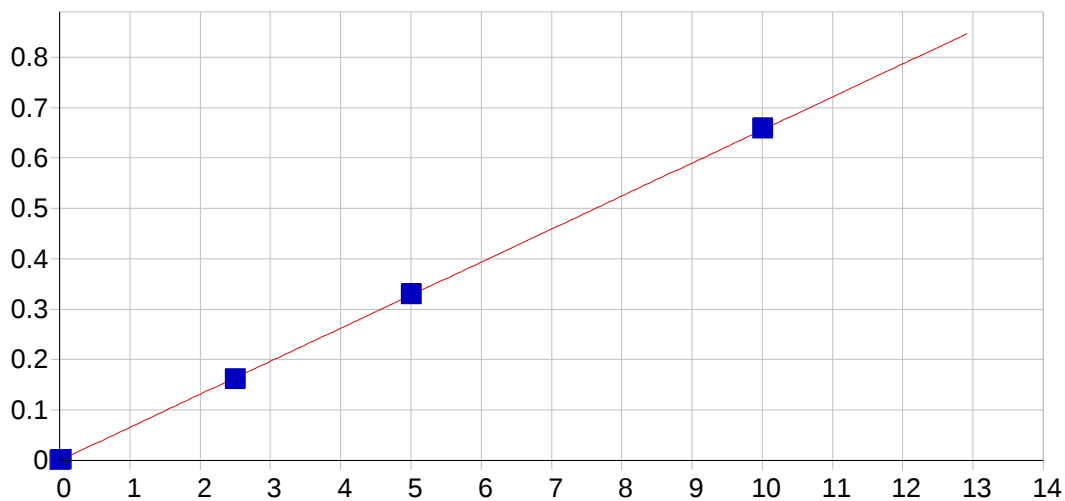


As 189.042 {478}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.096606 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002719
 Predicted MQL: 0.009063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.02000	.01992	-.000	-.384	.00180	.000	1
S3	2.5000	2.4491	-.051	-2.04	.23645	.000	1
S4	5.0000	5.0151	.015	.301	.48433	.001	1
S5	10.000	10.036	.036	.359	.96934	.003	1



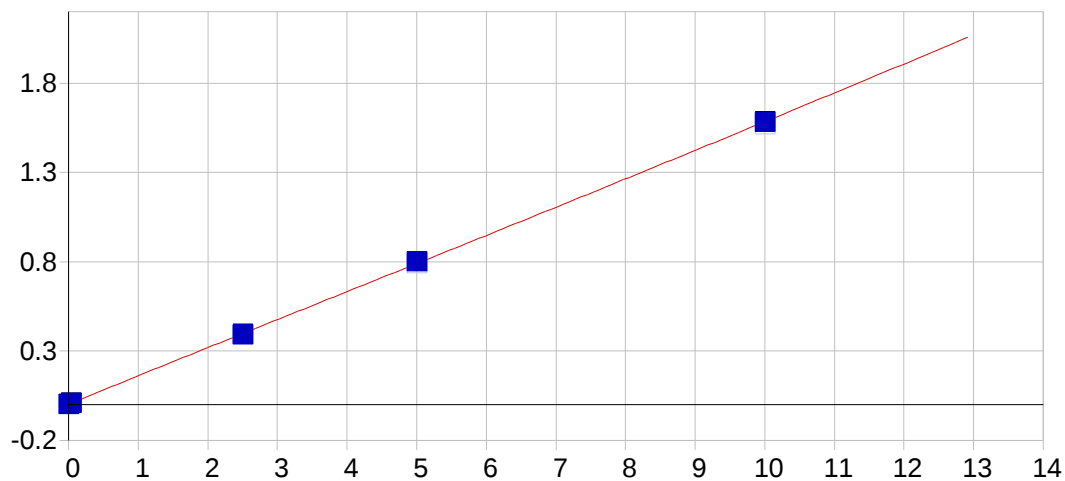
As 189.042 {479}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000204 Re-Slope: 1.000000

A1 (Gain): 0.065540 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002603
 Predicted MQL: 0.008676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.02000	.01943	-.001	-2.83	.00148	.000	1
S3	2.5000	2.4513	-.049	-1.95	.16087	.001	1
S4	5.0000	5.0163	.016	.325	.32897	.001	1
S5	10.000	10.033	.033	.330	.65777	.001	1

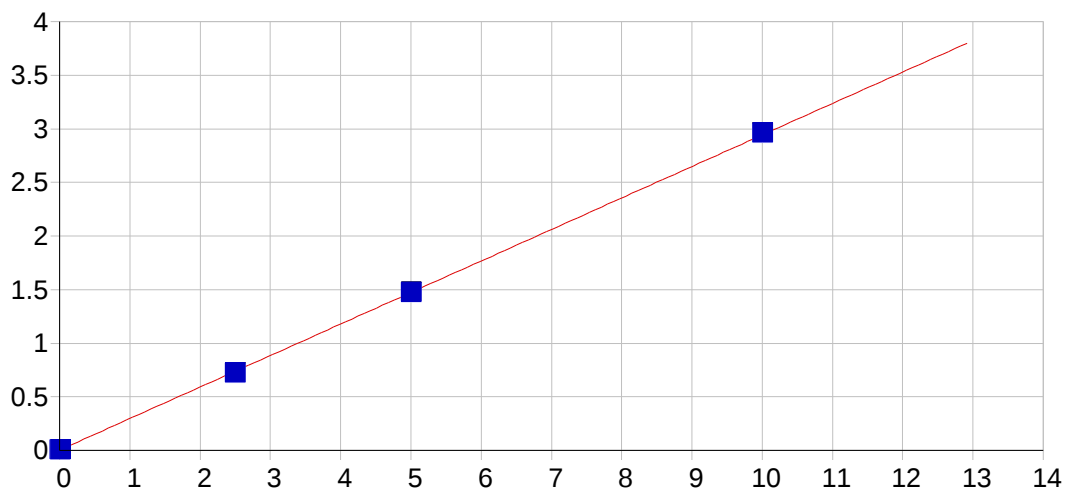


TI 190.856 {477}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000823 Re-Slope: 1.000000
 A1 (Gain): 0.162010 Y-int: 0.000000
 A2 (Curvature): 0.000836
 n (Exponent): 0.970000
 Correlation: 0.999962 Status: Warning Positive Curvature
 Std Error of Est: 0.000081
 Predicted MDL: 0.001250
 Predicted MQL: 0.004165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.04000	.04200	.002	5.00	.00649	.000	1
S3	2.5000	2.4616	-.038	-1.54	.38799	.001	1
S4	5.0000	5.0540	.054	1.08	.79019	.000	1
S5	10.000	9.9827	-.017	-.173	1.5645	.001	1

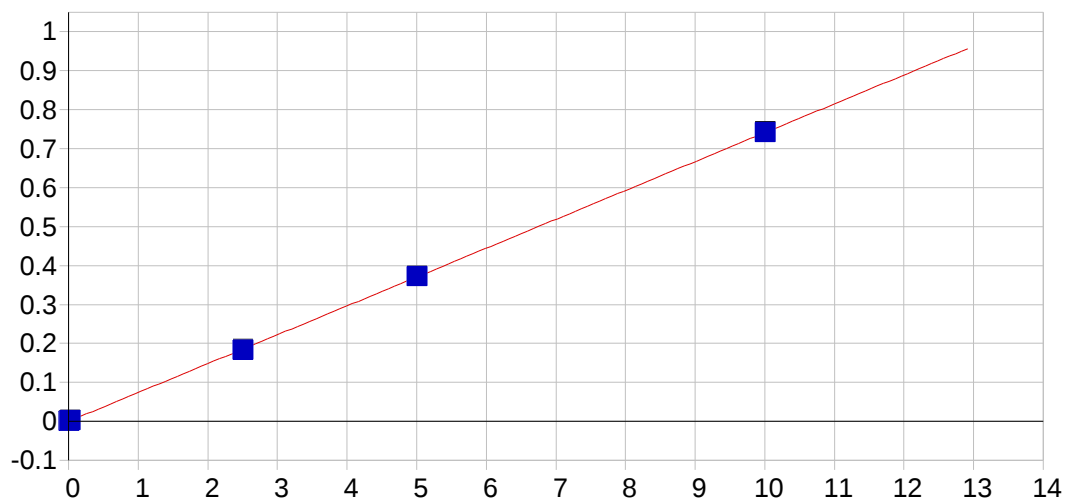


Pb 220.353 {453}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003424 Re-Slope: 1.000000
 A1 (Gain): 0.293875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.001048
 Predicted MQL: 0.003492

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00342	.000	1
S1	.01200	.01327	.001	10.6	.00726	.000	1
S3	2.5000	2.4392	-.061	-2.43	.71924	.001	1
S4	5.0000	4.9991	-.001	-.019	1.4705	.001	1
S5	10.000	10.060	.060	.605	2.9559	.001	1



Se 196.090 {472}

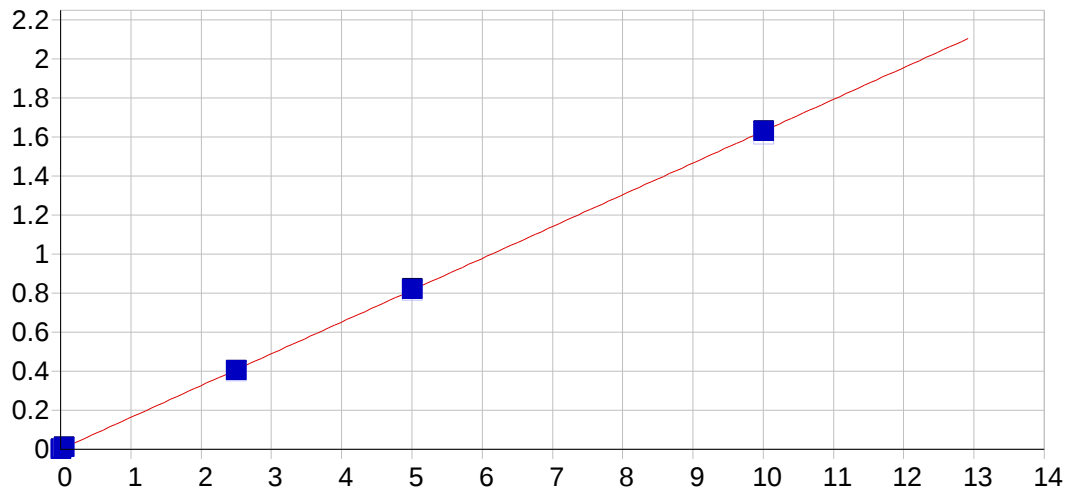
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000157 Re-Slope: 1.000000
 A1 (Gain): 0.074112 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000012
 Predicted MDL: 0.003255
 Predicted MQL: 0.010851

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.02000	.02268	.003	13.4	.00152	.000	1
S3	2.5000	2.4717	-.028	-1.13	.18300	.001	1
S4	5.0000	5.0182	.018	.365	.37171	.000	1
S5	10.000	10.007	.007	.074	.74142	.001	1



Sb 206.833 {463}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

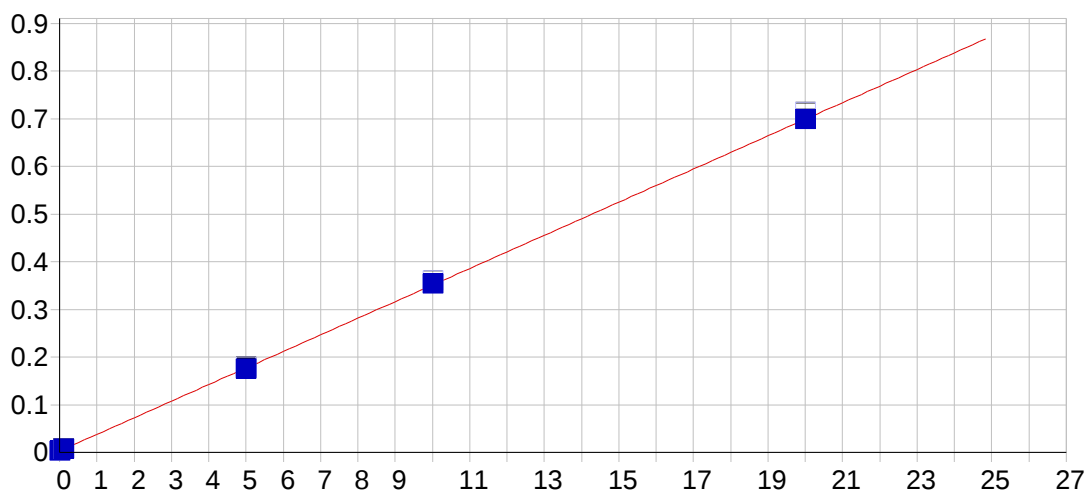
Weighting: 1/Conc

A0 (Offset): 0.000572
 A1 (Gain): 0.162967
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000049
 Predicted MDL: 0.001778
 Predicted MQL: 0.005926

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	.00057	.000	1
S1	.05000	.05423	.004	8.46	.00921	.000	1
S3	2.5000	2.4646	-.035	-1.42	.39764	.001	1
S4	5.0000	5.0337	.034	.674	.81174	.002	1
S5	10.000	9.9975	-.002	-.025	1.6115	.001	1

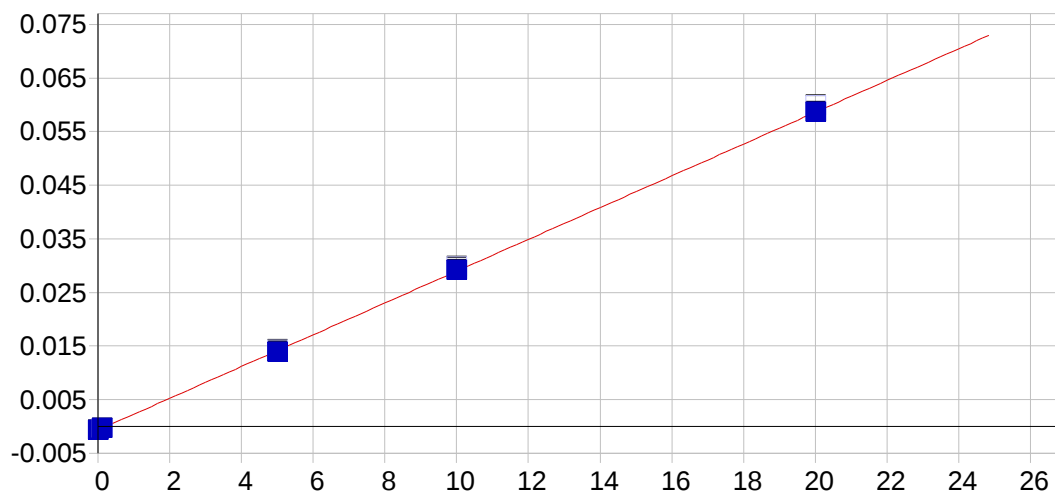


AI 308.215 {109}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003035 Re-Slope: 1.000000
 A1 (Gain): 0.034799 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003454
 Predicted MQL: 0.011514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00303	.000	1
S1	.10000	.10950	.009	9.50	.00709	.000	1
S3	5.0000	4.9471	-.053	-1.06	.17865	.000	1
S4	10.000	10.055	.055	.553	.35988	.000	1
S5	20.000	19.988	-.012	-.062	.71244	.000	1



AI 309.271 {109}

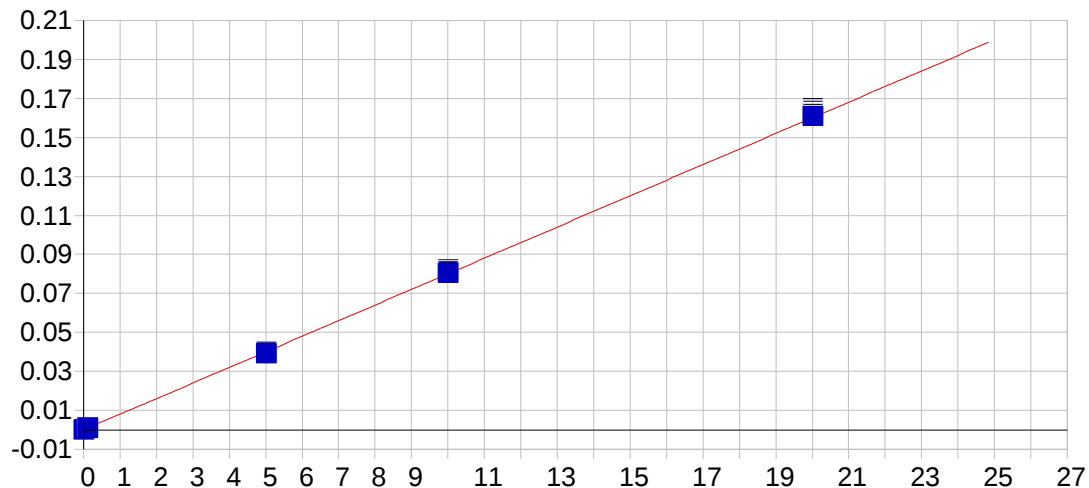
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000676 Re-Slope: 1.000000
 A1 (Gain): 0.002964 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000002
 Predicted MDL: 0.029200
 Predicted MQL: 0.097332

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.10000	.09901	-.001	-.990	-.00036	.000	1
S3	5.0000	4.9121	-.088	-1.76	.01418	.000	1
S4	10.000	10.068	.068	.678	.02975	.000	1
S5	20.000	20.021	.021	.106	.05984	.000	1

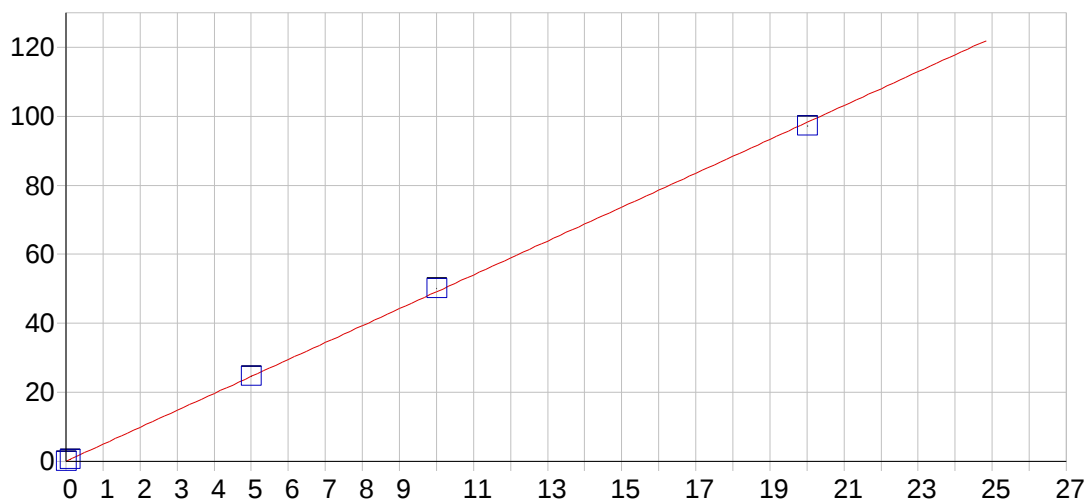


AI 396.152 { 85}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.008005 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.014428
 Predicted MQL: 0.048092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.10000	.09913	-.001	-.870	.00084	.000	1
S3	5.0000	4.8826	-.117	-2.35	.03987	.000	1
S4	10.000	10.016	.016	.163	.08176	.000	1
S5	20.000	20.102	.102	.510	.16408	.001	1

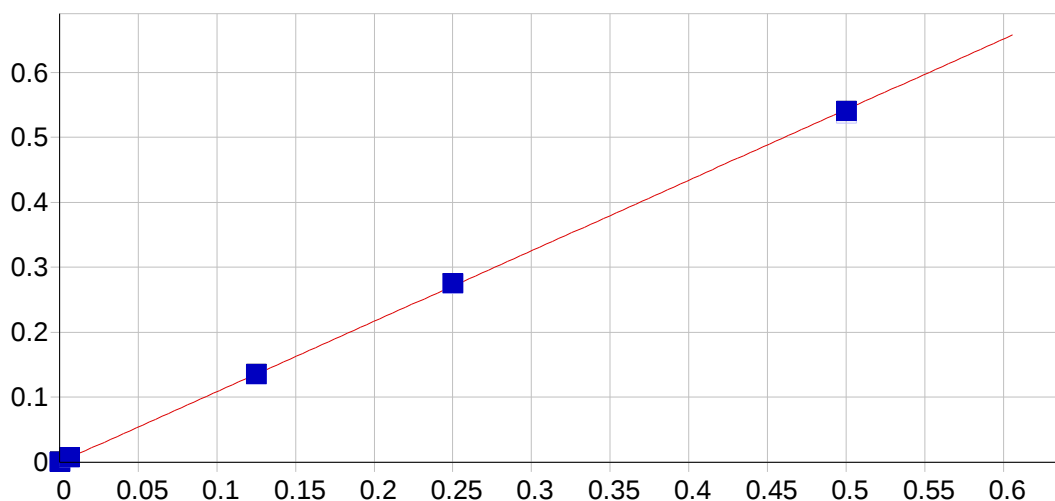


Ba 493.409 { 68}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.073589 Re-Slope: 1.000000
 A1 (Gain): 4.906547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.005748
 Predicted MDL: 0.000821
 Predicted MQL: 0.002737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07352	.006	1
S1	.10000	.11194	.012	11.9	.62284	.009	1
S3	5.0000	5.0057	.006	.115	24.635	.039	1
S5	20.000	19.775	-.225	-1.12	97.102	.019	1
S4	10.000	10.207	.207	2.07	50.155	.142	1



Be 234.861 {144}

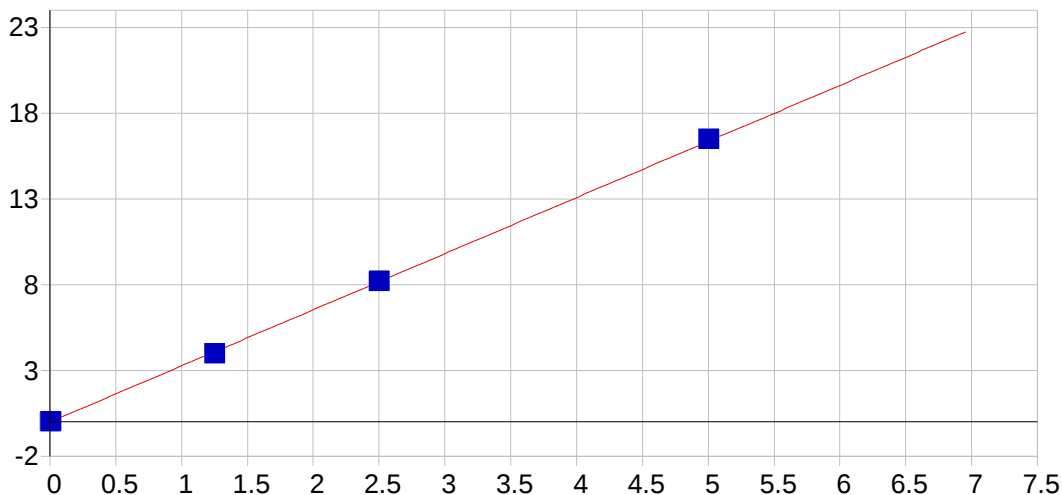
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000121 Re-Slope: 1.000000
 A1 (Gain): 1.085028 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000032
 Predicted MDL: 0.000070
 Predicted MQL: 0.000234

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.00600	.00635	.000	5.82	.00694	.000	1
S3	.12500	.12433	-.001	-.536	.13417	.000	1
S4	.25000	.25339	.003	1.36	.27335	.000	1
S5	.50000	.49693	-.003	-.614	.53589	.000	1



Cd 226.502 {449}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

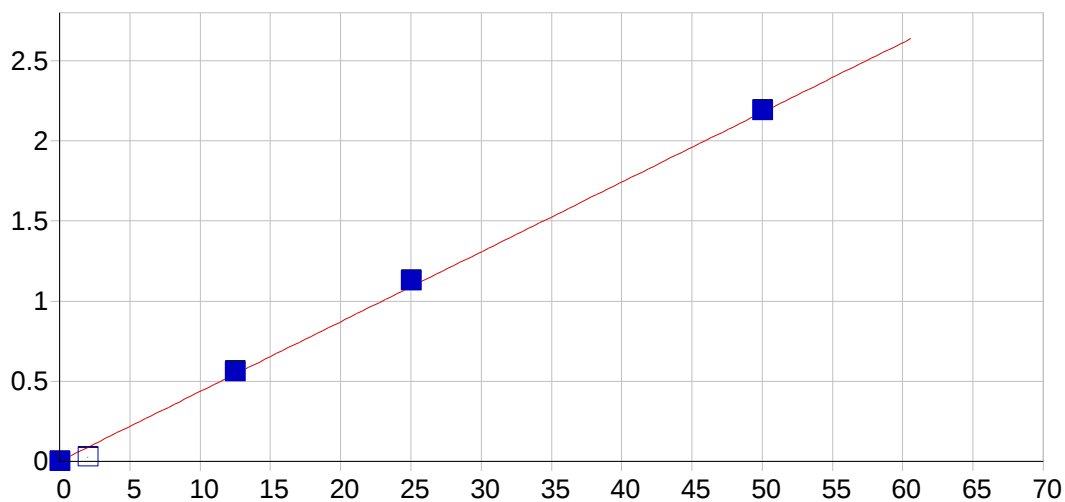
Weighting: 1/Conc

A0 (Offset): -0.000739
 A1 (Gain): 3.270465
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000419
 Predicted MDL: 0.000099
 Predicted MQL: 0.000330

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	-.00074	.000	1
S1	.00600	.00610	.000	1.62	.01924	.000	1
S3	1.2500	1.2094	-.041	-3.25	3.9555	.000	1
S4	2.5000	2.5004	.000	.016	8.1786	.006	1
S5	5.0000	5.0401	.040	.802	16.486	.000	1

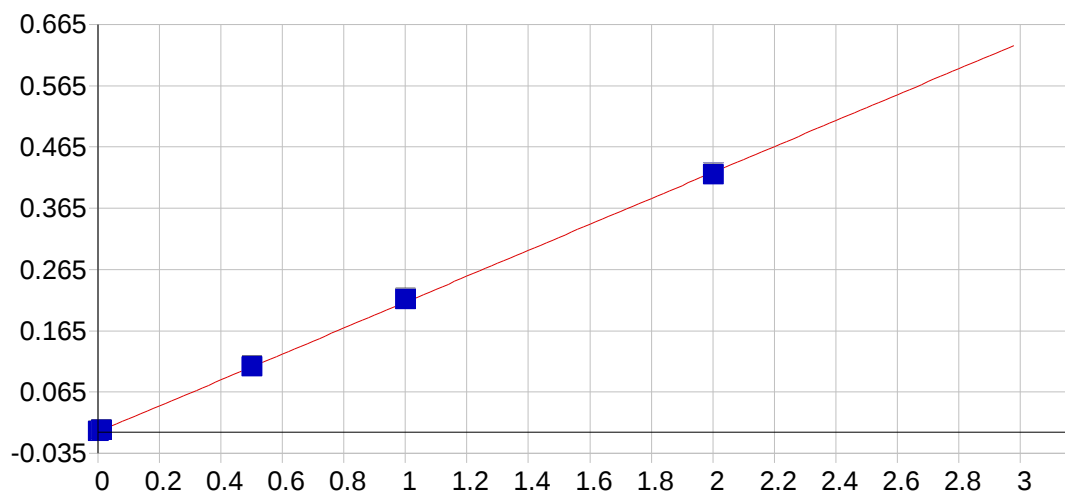


Ca 373.690 { 90}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000848 Re-Slope: 1.000000
 A1 (Gain): 0.043544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994206 Status: OK.
 Std Error of Est: 0.002571
 Predicted MDL: 0.021509
 Predicted MQL: 0.071698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.58085	-1.42	-71.0	.02614	.001	1
S0	.00000	.00129	.001	.000	.00090	.001	1
S3	12.500	12.827	.327	2.61	.55966	.003	1
S4	25.000	25.860	.860	3.44	1.1275	.002	1
S5	50.000	50.232	.232	.464	2.1893	.003	1



Cr 267.716 {126}

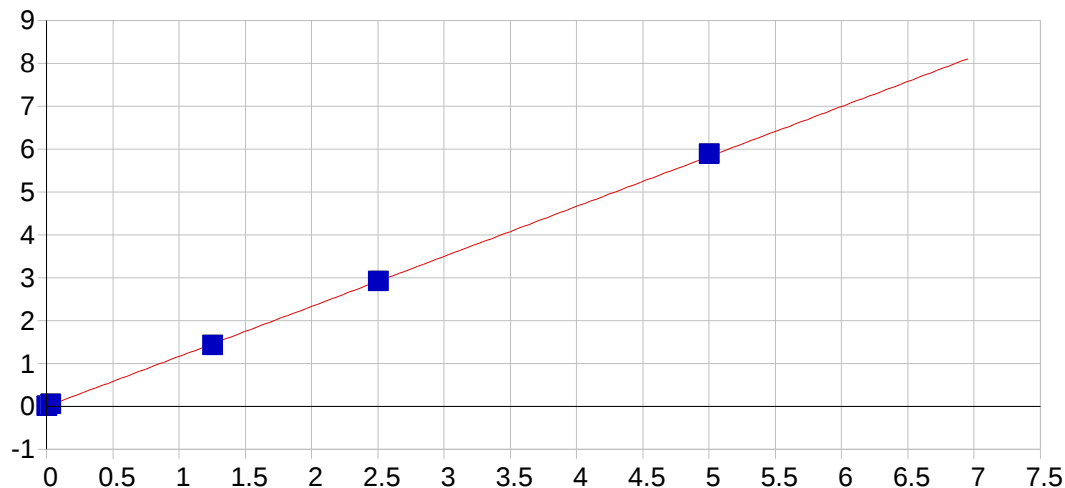
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.211666 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920
 Std Error of Est: 0.000021
 Predicted MDL: 0.000487
 Predicted MQL: 0.001624

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	.01071	.001	7.06	.00232	.000	1
S3	.50000	.50249	.002	.498	.10719	.000	1
S4	1.0000	1.0173	.017	1.73	.21695	.000	1
S5	2.0000	1.9795	-.020	-1.02	.42219	.000	1



Co 228.616 {447}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

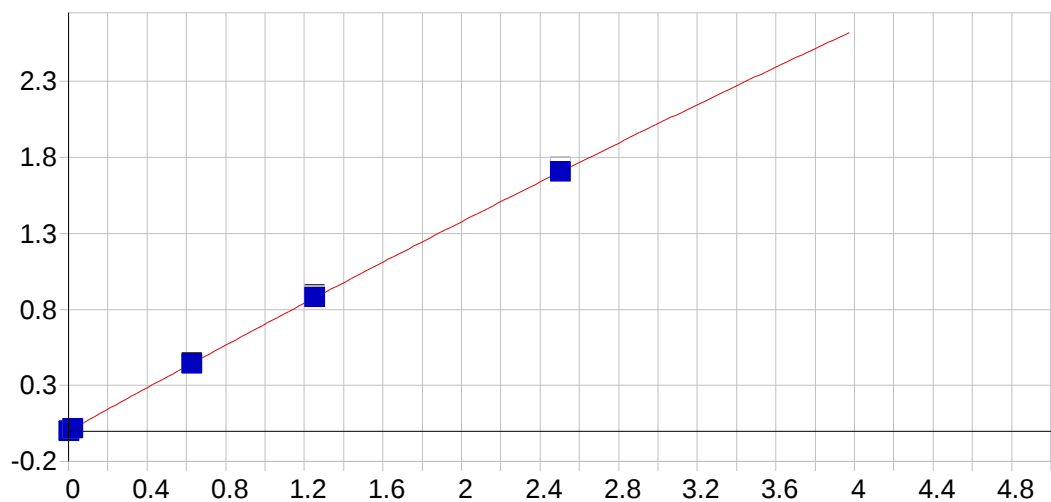
Weighting: 1/Conc

A0 (Offset): 0.000015
 A1 (Gain): 1.165922
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000369
 Predicted MDL: 0.000253
 Predicted MQL: 0.000843

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.03000	.03383	.004	12.8	.03922	.000	1
S3	1.2500	1.2113	-.039	-3.10	1.4134	.001	1
S4	2.5000	2.4957	-.004	-.172	2.9121	.001	1
S5	5.0000	5.0392	.039	.784	5.8799	.002	1

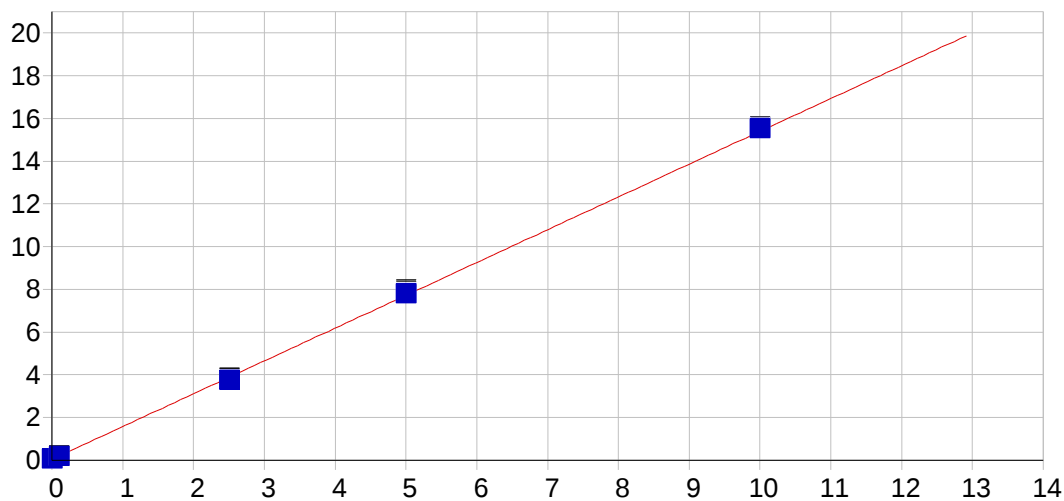


Cu 224.700 {450}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000081 Re-Slope: 1.000000
 A1 (Gain): 0.717628 Y-int: 0.000000
 A2 (Curvature): -0.014609
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.000534
 Predicted MQL: 0.001781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02000	.02196	.002	9.81	.01589	.000	1
S3	.62500	.61955	-.005	-8.72	.44617	.002	1
S4	1.2500	1.2543	.004	.344	.89155	.002	1
S5	2.5000	2.4992	-.001	-.032	1.7312	.000	1



Fe 240.488 {140}

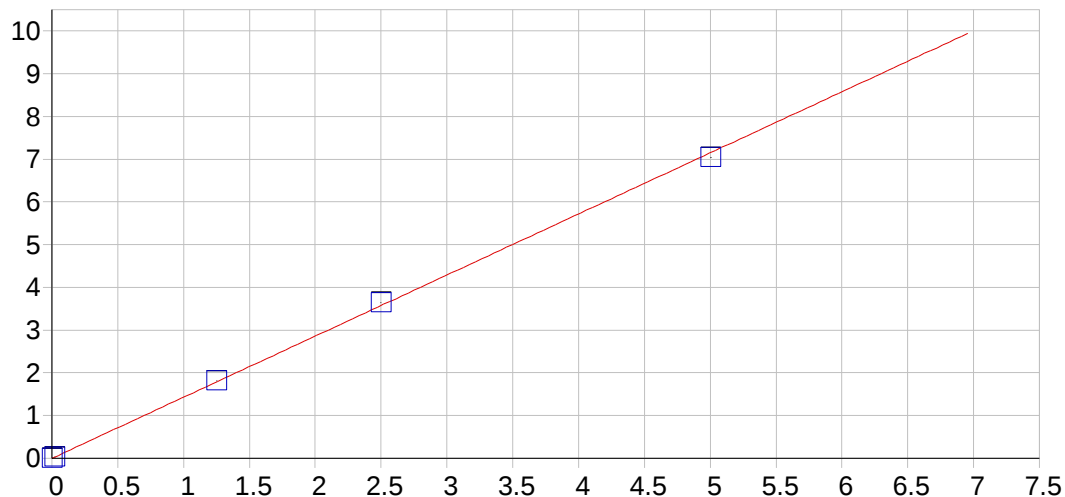
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.045673 Re-Slope: 1.000000
 A1 (Gain): 1.535305 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825
 Std Error of Est: 0.001564
 Predicted MDL: 0.008034
 Predicted MQL: 0.026781

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.04570	.015	1
S1	.10000	.08647	-.014	-13.5	.17918	.023	1
S3	2.5000	2.4050	-.095	-3.80	3.7573	.083	1
S4	5.0000	5.0401	.040	.803	7.8224	.133	1
S5	10.000	10.068	.068	.684	15.581	.030	1



Mn 257.610 {131}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

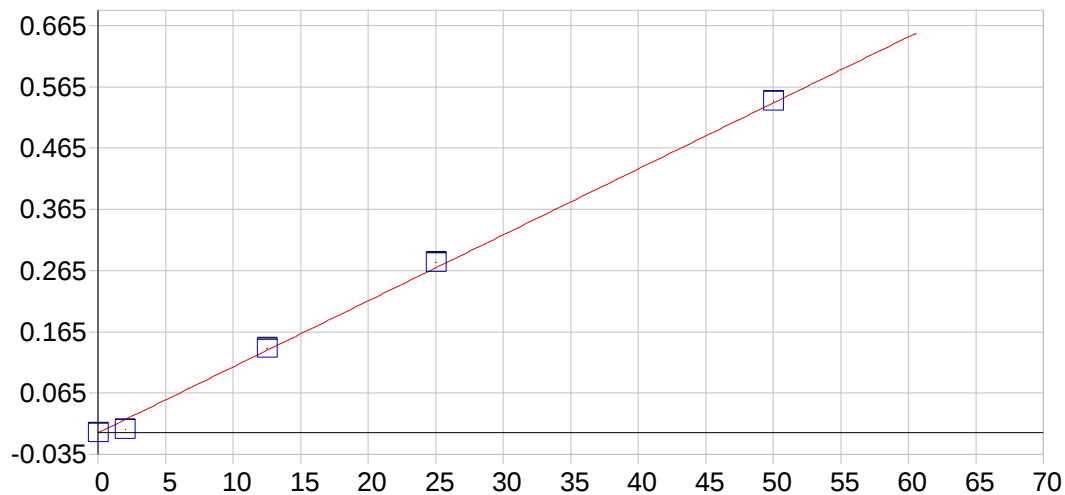
Weighting: 1/Conc

A0 (Offset): 0.000386
 A1 (Gain): 1.429627
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000446
 Predicted MDL: 0.000068
 Predicted MQL: 0.000225

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	.00038	.000	1
S1	.02000	.02320	.003	16.0	.03356	.001	1
S3	1.2500	1.2697	.020	1.58	1.8156	.001	1
S4	2.5000	2.5506	.051	2.02	3.6467	.002	1
S5	5.0000	4.9265	-.073	-1.47	7.0435	.001	1

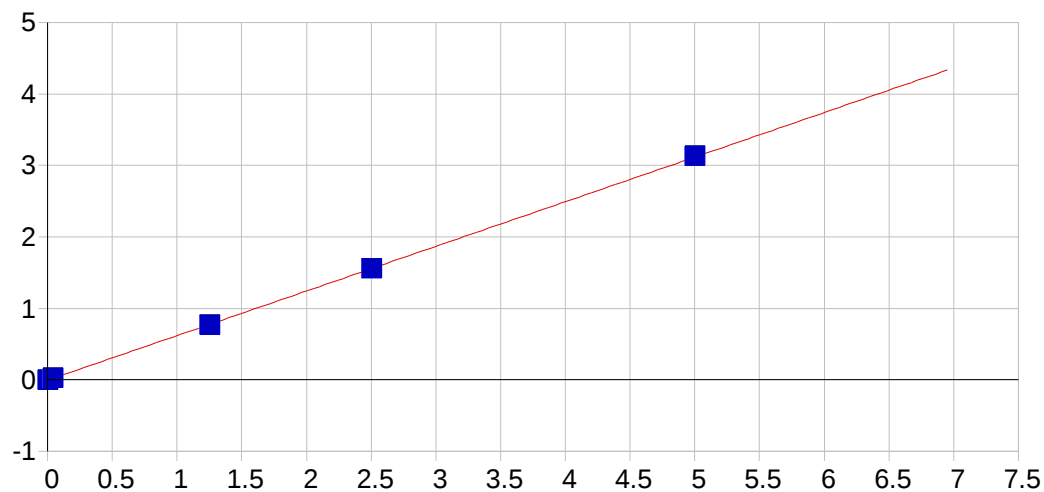


Mg 279.079 {121}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.010772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.993835 Status: OK.
 Std Error of Est: 0.000656
 Predicted MDL: 0.044306
 Predicted MQL: 0.147687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.53415	-1.47	-73.3	.00579	.000	1
S0	.00000	.00133	.001	.000	.00005	.000	1
S3	12.500	12.837	.337	2.70	.13831	.002	1
S4	25.000	25.824	.824	3.30	.27820	.001	1
S5	50.000	50.305	.305	.610	.54190	.000	1



Ni 231.604 {445}

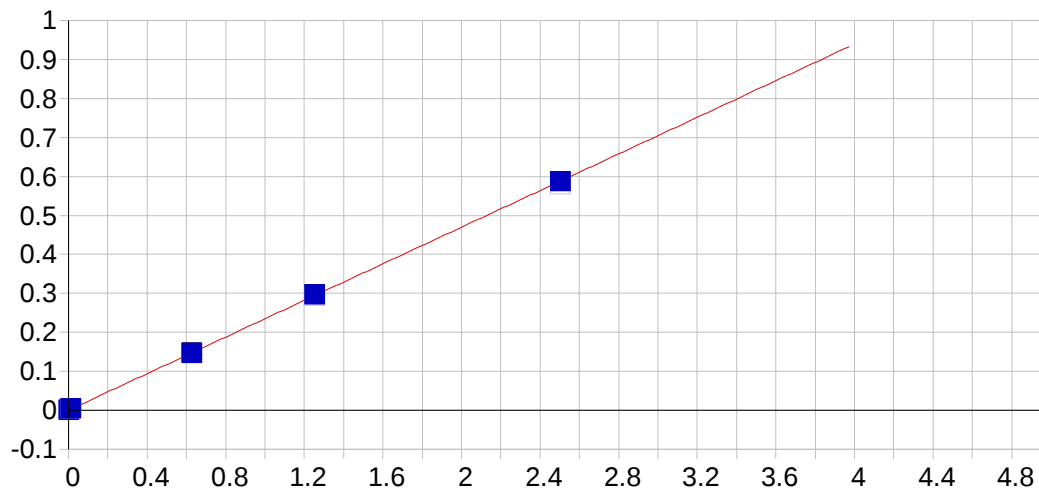
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005484 Re-Slope: 1.000000
 A1 (Gain): 0.624332 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000165
 Predicted MDL: 0.000497
 Predicted MQL: 0.001656

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00549	.000	1
S1	.04000	.04496	.005	12.4	.02260	.000	1
S3	1.2500	1.2285	-.021	-1.72	.76239	.002	1
S4	2.5000	2.4984	-.002	-.064	1.5560	.000	1
S5	5.0000	5.0181	.018	.362	3.1309	.001	1



Ag 328.068 {103}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

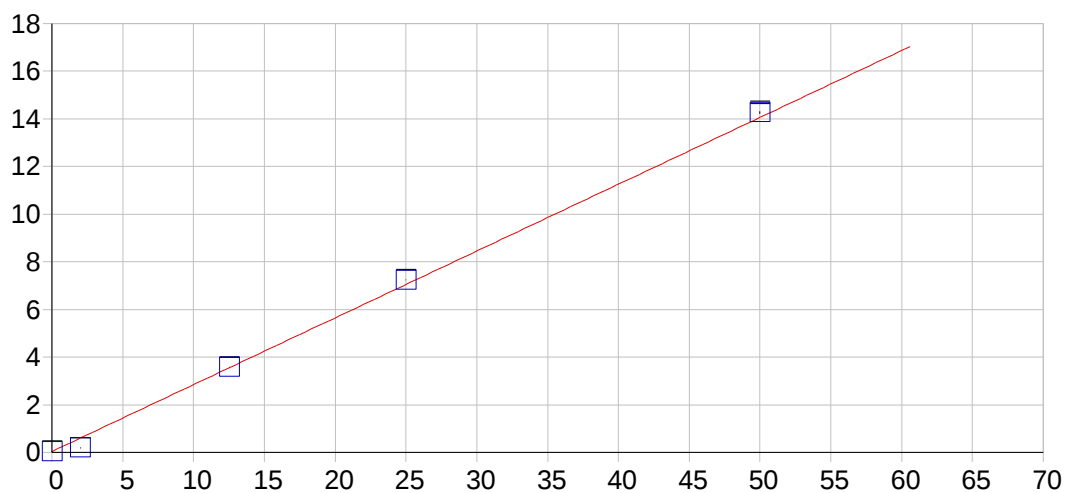
Weighting: 1/Conc

A0 (Offset): 0.000161
 A1 (Gain): 0.234843
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000014
 Predicted MDL: 0.000642
 Predicted MQL: 0.002141

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	.00016	.000	1
S1	.01000	.01087	.001	8.73	.00267	.000	1
S3	.62500	.62165	-.003	-.536	.14449	.000	1
S4	1.2500	1.2601	.010	.810	.29276	.000	1
S5	2.5000	2.4924	-.008	-.306	.57881	.001	1

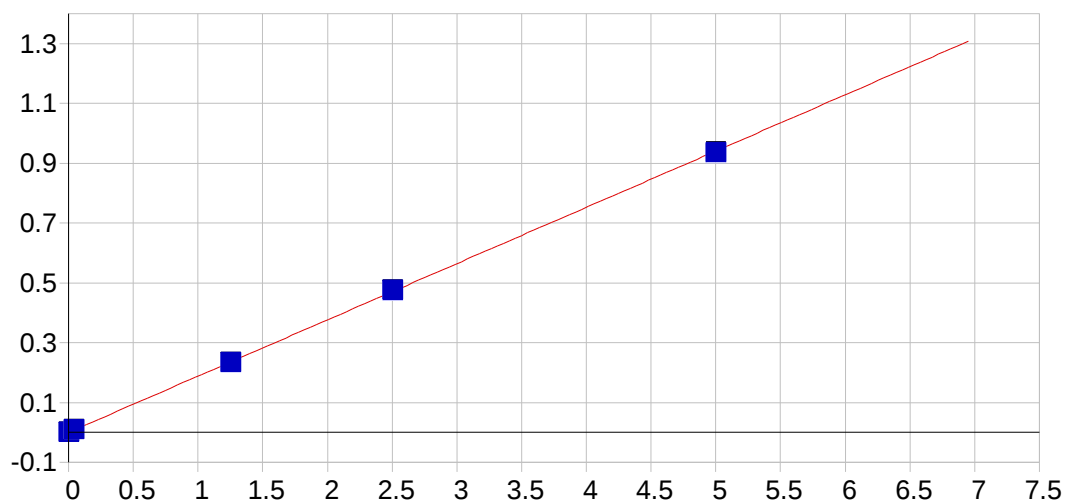


Na 589.592 { 57}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039651 Re-Slope: 1.000000
 A1 (Gain): 0.280454 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.993774 Status: OK.
 Std Error of Est: 0.017160
 Predicted MDL: 0.011697
 Predicted MQL: 0.038991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.52021	-1.48	-74.0	.18555	.003	1
S0	.00000	.00138	.001	.000	.04004	.002	1
S3	12.500	12.596	.096	.767	3.5722	.006	1
S4	25.000	25.666	.666	2.66	7.2377	.024	1
S5	50.000	50.718	.718	1.44	14.264	.058	1



V 292.402 {115}

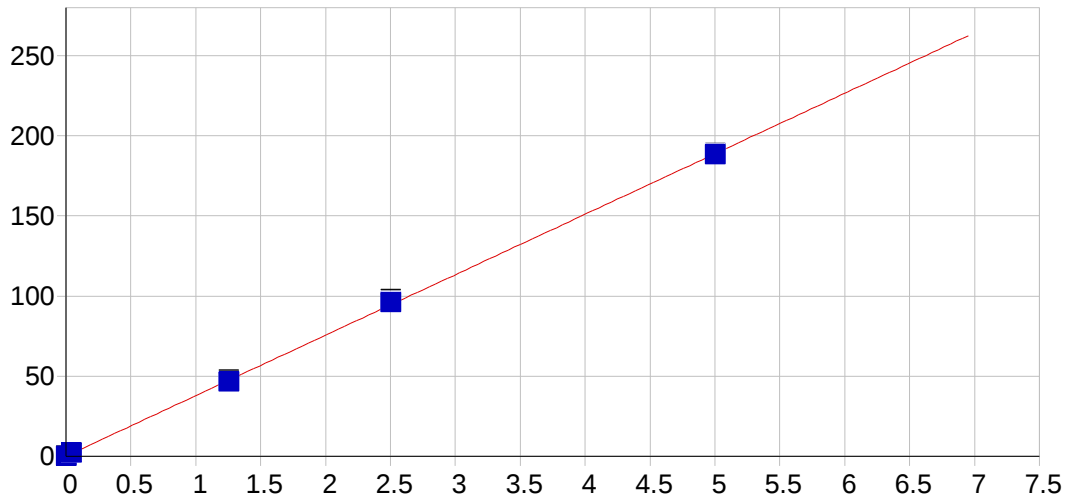
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.188128 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000055
 Predicted MDL: 0.000589
 Predicted MQL: 0.001964

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.04000	.04572	.006	14.3	.00845	.000	1
S3	1.2500	1.2384	-.012	-.926	.23141	.000	1
S4	2.5000	2.5266	.027	1.06	.47221	.001	1
S5	5.0000	4.9793	-.021	-.413	.93058	.001	1

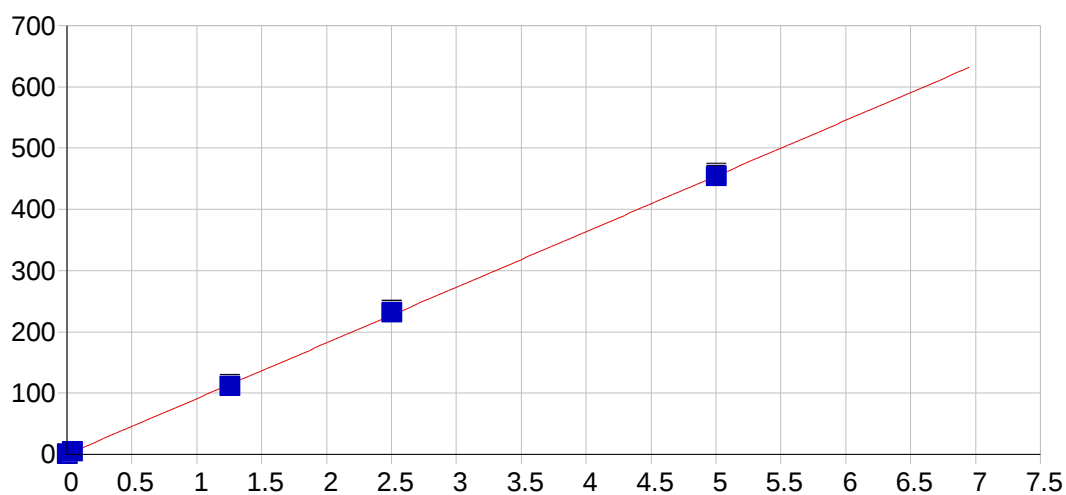


Zn 206.200 {163}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.100556 Re-Slope: 1.000000
 A1 (Gain): 37.745887 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.016002
 Predicted MDL: 0.000448
 Predicted MQL: 0.001495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10029	.018	1
S1	.04000	.04741	.007	18.5	1.9001	.029	1
S3	1.2500	1.2243	-.026	-2.06	46.597	.786	1
S4	2.5000	2.5414	.041	1.66	96.600	1.29	1
S5	5.0000	4.9769	-.023	-.463	189.10	.016	1

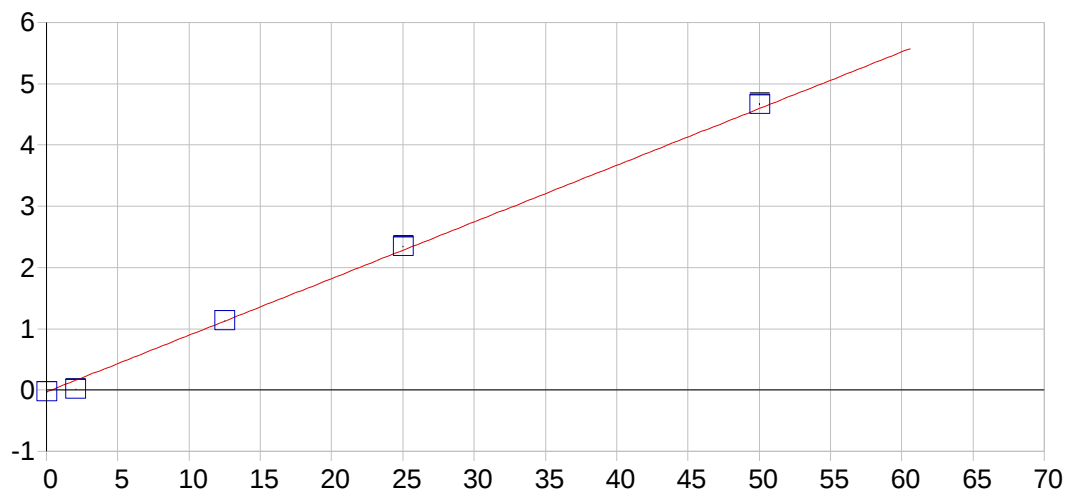


Zn 213.856 {458}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.222443 Re-Slope: 1.000000
 A1 (Gain): 90.828933 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.035992
 Predicted MDL: 0.000091
 Predicted MQL: 0.000304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.22194	.009	1
S1	.04000	.04610	.006	15.2	4.4333	.046	1
S3	1.2500	1.2173	-.033	-2.62	111.47	2.32	1
S4	2.5000	2.5370	.037	1.48	232.03	3.00	1
S5	5.0000	4.9896	-.010	-.207	456.17	2.12	1



K 766.490 {44}

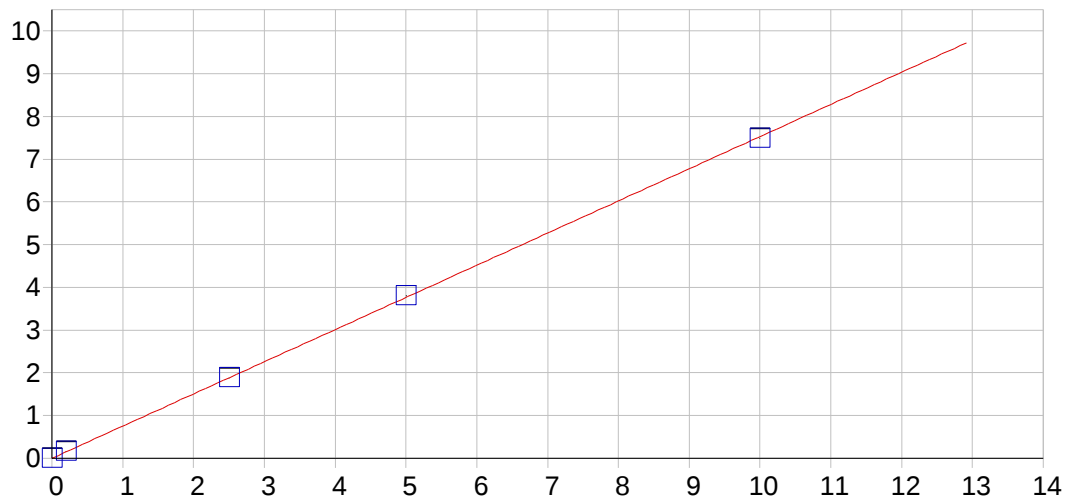
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.031461 Re-Slope: 1.000000
 A1 (Gain): 0.092517 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.993453
 Std Error of Est: 0.005806
 Predicted MDL: 0.040707
 Predicted MQL: 0.135690

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.48268	-1.52	-75.9	.01320	.001	1
S0	.00000	.00142	.001	.000	-.03133	.001	1
S3	12.500	12.555	.055	.443	1.1301	.002	1
S4	25.000	25.680	.680	2.72	2.3444	.010	1
S5	50.000	50.782	.782	1.56	4.6668	.019	1



Mo 202.030 {467}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

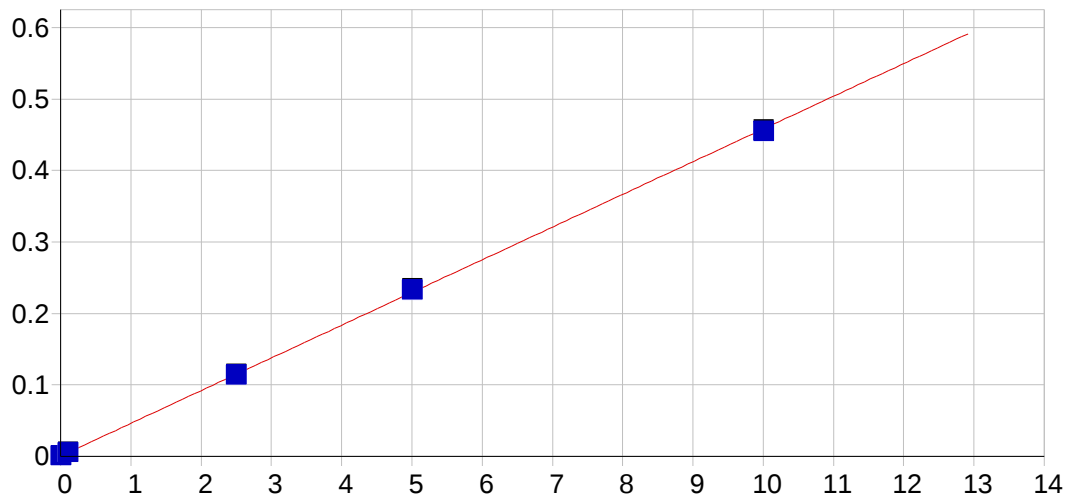
Weighting: 1/Conc

A0 (Offset): 0.000123
 A1 (Gain): 0.753012
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000525
 Predicted MDL: 0.000310
 Predicted MQL: 0.001033

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	.00012	.000	1
S1	.20000	.21000	.010	5.00	.15826	.001	1
S3	2.5000	2.4989	-.001	-.045	1.8818	.006	1
S4	5.0000	5.0535	.053	1.07	3.8055	.004	1
S5	10.000	9.9376	-.062	-.624	7.4833	.005	1

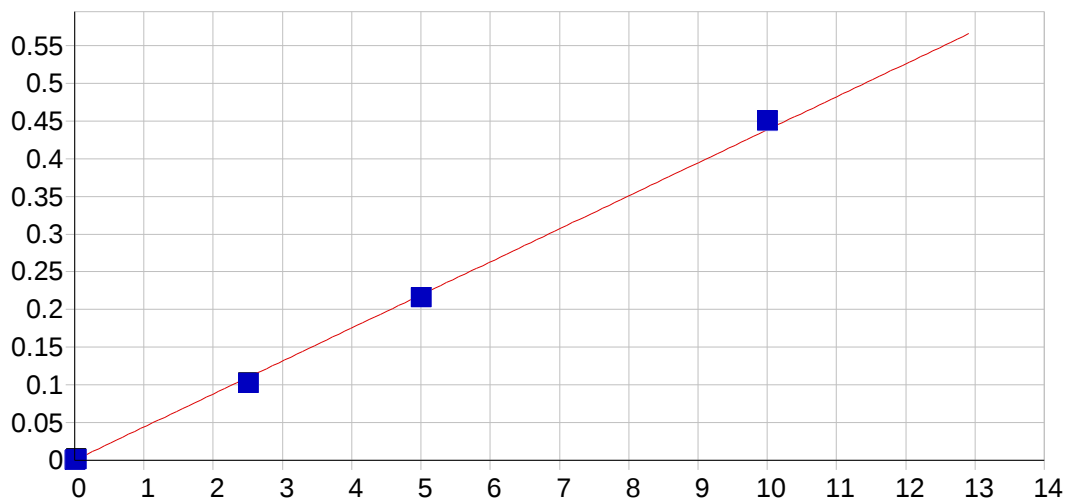


B 249.678 {135}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000484 Re-Slope: 1.000000
 A1 (Gain): 0.045759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.009101
 Predicted MQL: 0.030336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00048	.000	1
S1	.10000	.10752	.008	7.52	.00538	.000	1
S3	2.5000	2.4827	-.017	-.693	.11382	.000	1
S4	5.0000	5.0780	.078	1.56	.23231	.002	1
S5	10.000	9.9318	-.068	-.682	.45388	.002	1



S 182.034 {485}

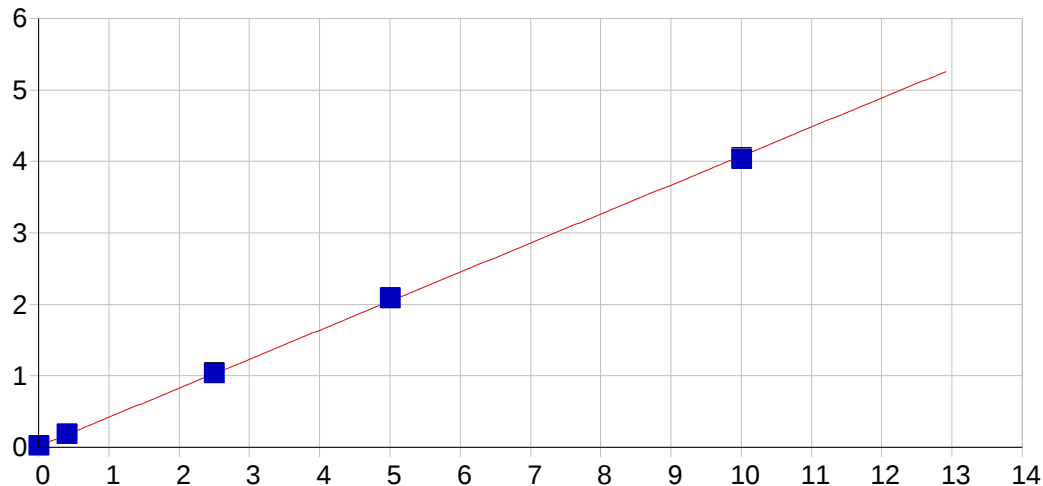
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000332 Re-Slope: 1.000000
 A1 (Gain): 0.043795 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999416
 Std Error of Est: 0.000036
 Predicted MDL: 0.003288
 Predicted MQL: 0.010959

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.02000	.02111	.001	5.57	.00123	.000	1
S3	2.5000	2.3266	-.173	-6.94	.10210	.000	1
S4	5.0000	4.9118	-.088	-1.76	.21520	.000	1
S5	10.000	10.261	.261	2.61	.44921	.000	1



Si 288.158 {117}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

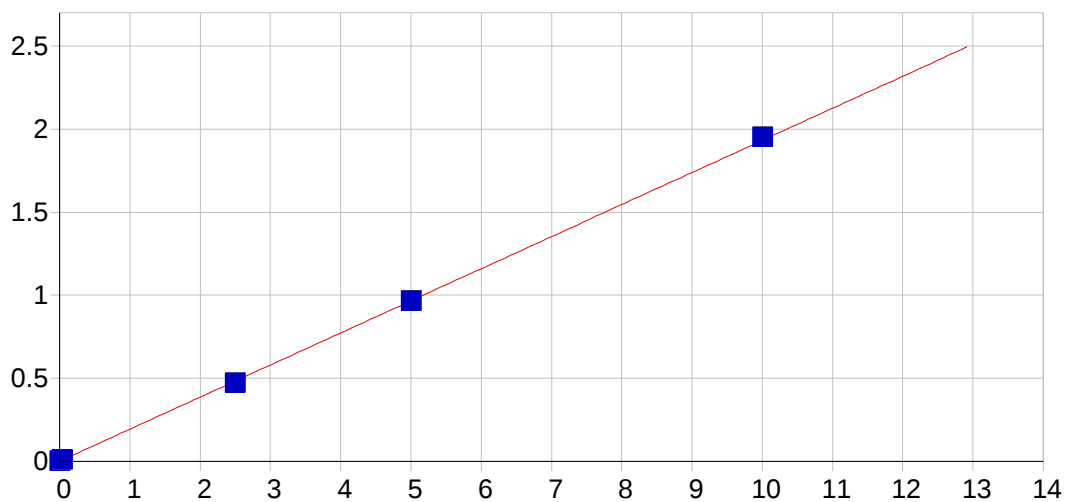
Weighting: 1/Conc

A0 (Offset): 0.014725
 A1 (Gain): 0.406104
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000550
 Predicted MDL: 0.002858
 Predicted MQL: 0.009527

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	.01472	.000	1
S1	.40000	.40921	.009	2.30	.18077	.002	1
S3	2.5000	2.5107	.011	.427	1.0338	.003	1
S4	5.0000	5.0840	.084	1.68	2.0783	.011	1
S5	10.000	9.8961	-.104	-1.04	4.0314	.014	1

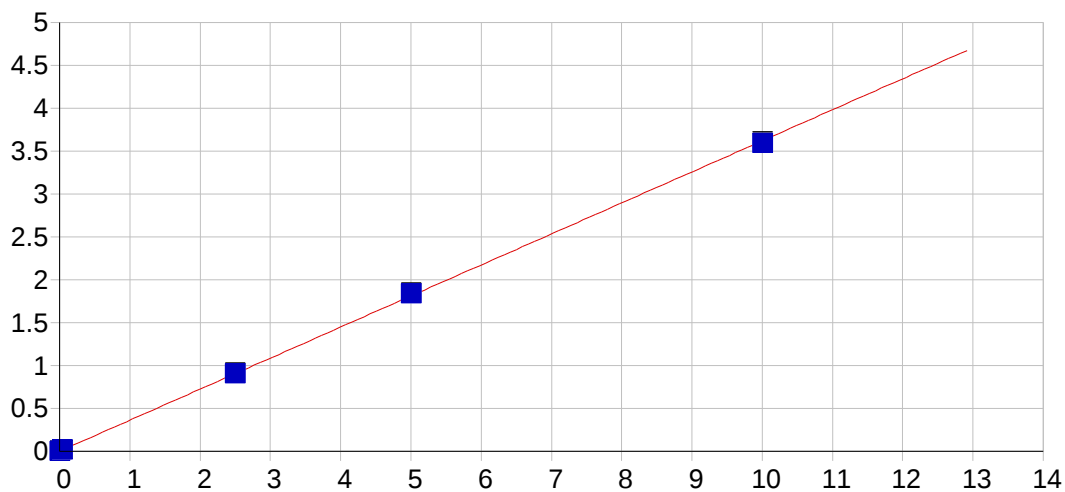


Sn 189.989 {477}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000522 Re-Slope: 1.000000
 A1 (Gain): 0.193107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000769
 Predicted MQL: 0.002563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.04000	.04121	.001	3.02	.00848	.000	1
S3	2.5000	2.4212	-.079	-3.15	.46816	.000	1
S4	5.0000	4.9888	-.011	-.223	.96407	.001	1
S5	10.000	10.089	.089	.887	1.9491	.001	1



Ti 336.121 {100}

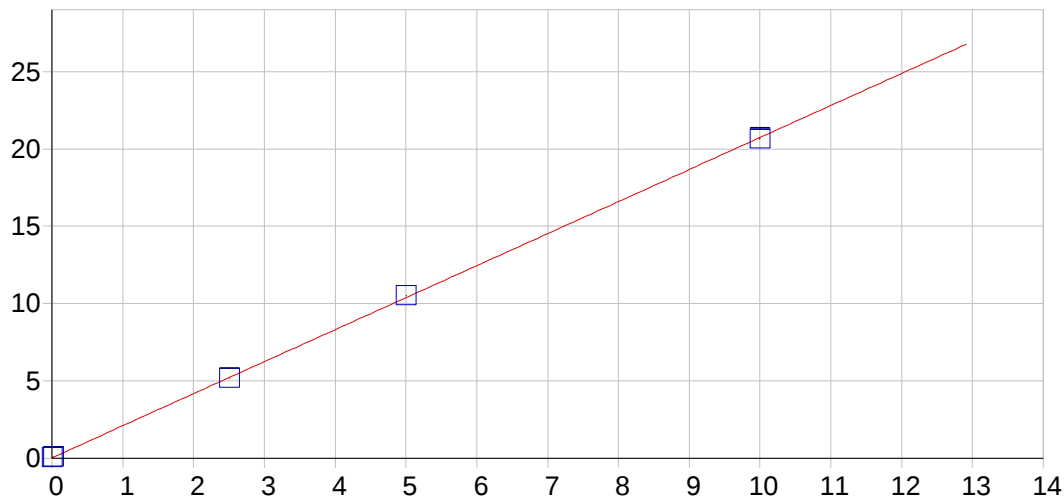
Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001289 Re-Slope: 1.000000
 A1 (Gain): 0.361894 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000134
 Predicted MDL: 0.001957
 Predicted MQL: 0.006524

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00129	.000	1
S1	.04000	.04283	.003	7.07	.01678	.000	1
S3	2.5000	2.4952	-.005	-.193	.90416	.004	1
S4	5.0000	5.0790	.079	1.58	1.8391	.001	1
S5	10.000	9.9230	-.077	-.770	3.5919	.012	1



Li 670.784 { 50}

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

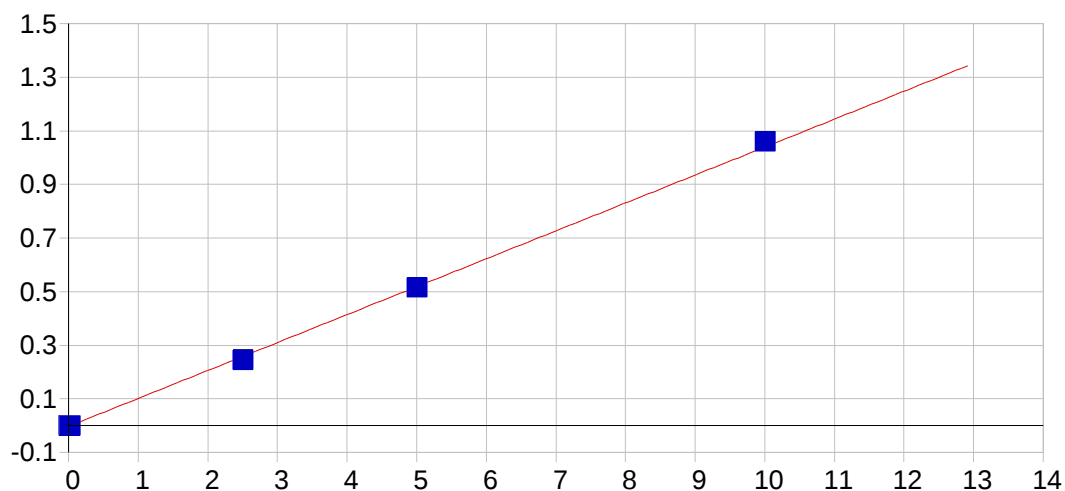
Weighting: 1/Conc

A0 (Offset): 0.032895
 A1 (Gain): 2.070186
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000395
 Predicted MDL: 0.001703
 Predicted MQL: 0.005676

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	.03290	.003	1
S1	.02000	.01855	-.001	-7.24	.07130	.003	1
S3	2.5000	2.4803	-.020	-.788	5.1676	.002	1
S4	5.0000	5.0589	.059	1.18	10.506	.018	1
S5	10.000	9.9623	-.038	-.377	20.657	.073	1



P 177.495 {490}

Date of Fit: 12/15/2018 15:18:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002853 Re-Slope: 1.000000
 A1 (Gain): 0.104199 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999649 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001624
 Predicted MQL: 0.005415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00285	.000	1
S1	.02000	.01759	-.002	-12.1	-.00103	.000	1
S3	2.5000	2.3572	-.143	-5.71	.24239	.001	1
S4	5.0000	4.9589	-.041	-8.22	.51311	.001	1
S5	10.000	10.186	.186	1.86	1.0570	.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
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

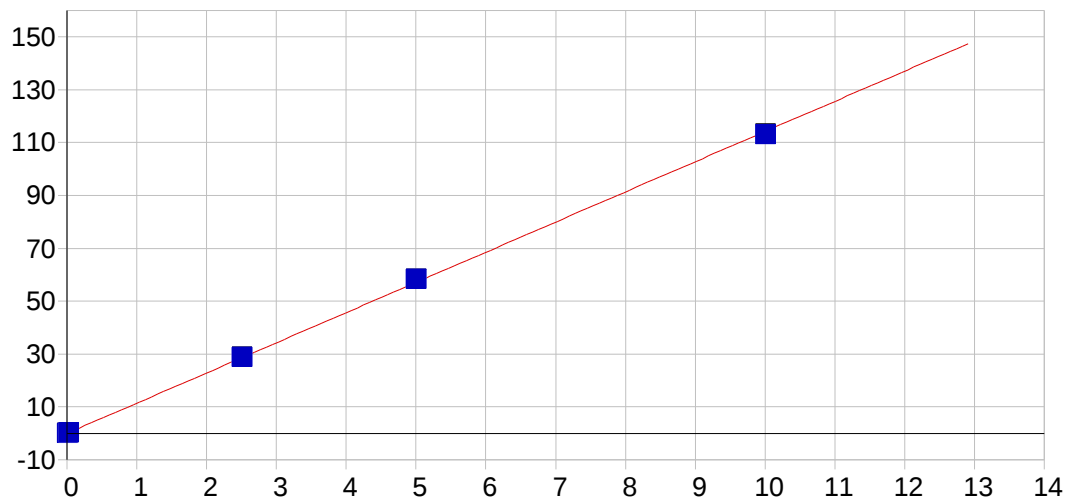
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006361

Re-Slope: 1.000000

A1 (Gain): 11.421615

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999910

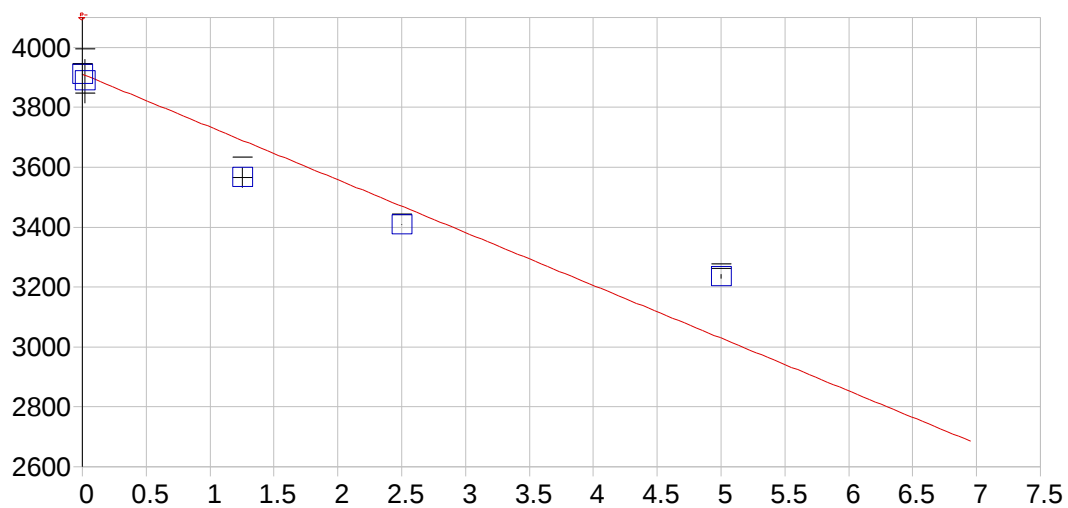
Status: OK.

Std Error of Est: 0.003699

Predicted MDL: 0.000112

Predicted MQL: 0.000374

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00638	.000	1
S1	.02000	.02102	.001	5.10	.23498	.001	1
S3	2.5000	2.5123	.012	.491	28.719	.035	1
S4	5.0000	5.0960	.096	1.92	58.261	.148	1
S5	10.000	9.8907	-.109	-1.09	113.09	.160	1



Date of Fit: 12/15/2018 15:18:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 3910.691873

Re-Slope: 1.000000

A1 (Gain): -176.233908

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.931566

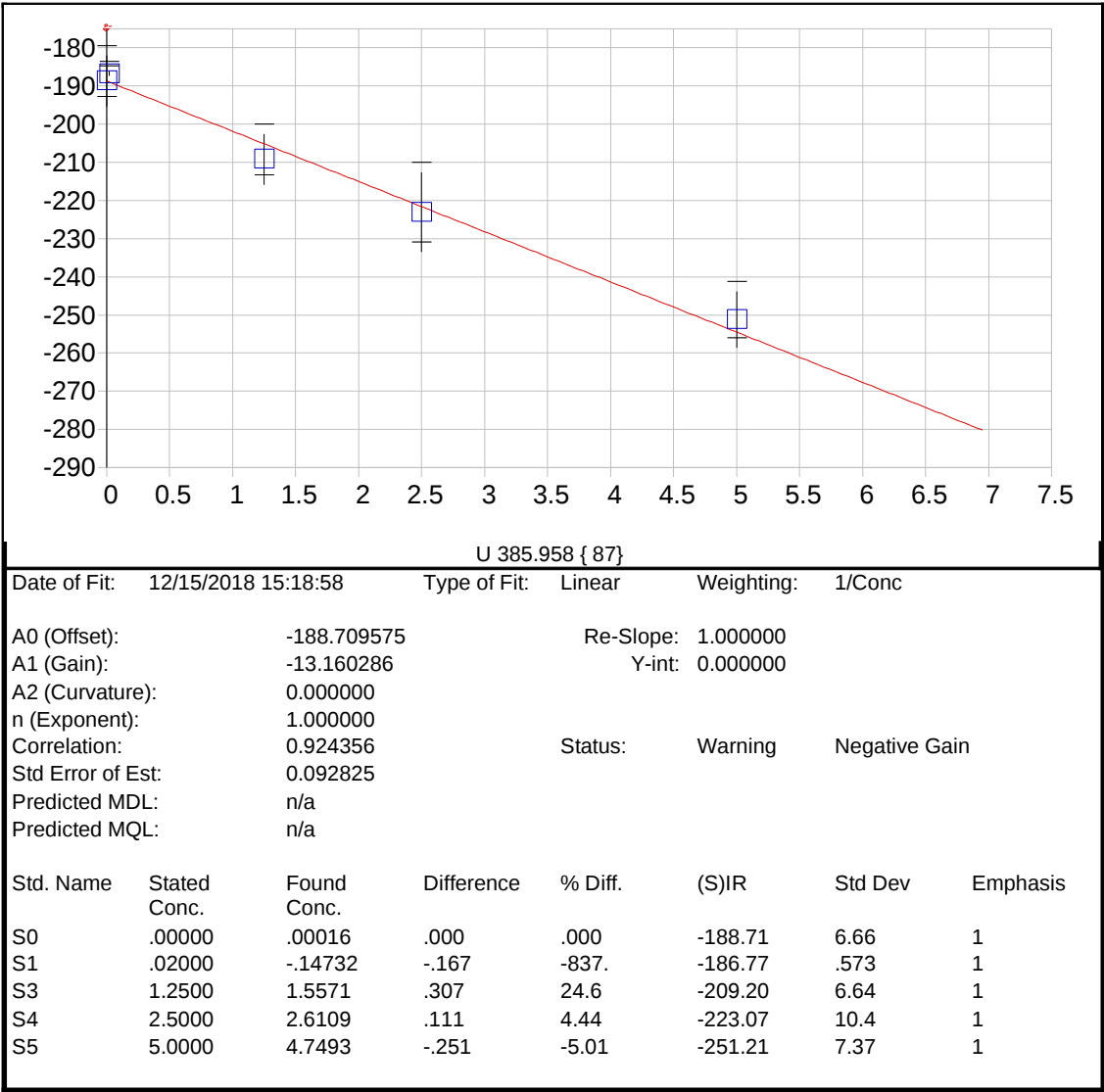
Status: Warning Negative Gain

Std Error of Est: 1.175373

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	3910.7	.527	1
S1	.02000	.13125	.111	556.	3887.6	72.9	1
S3	1.2500	1.9537	.704	56.3	3566.4	34.6	1
S4	2.5000	2.8495	.350	14.0	3408.5	.948	1
S5	5.0000	3.8355	-1.16	-23.3	3234.7	7.37	1



Sample Name: S0 Acquired: 12/15/2018 13:42:46 Type: Cal
Method: P4-ICP2(v2656) 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	.00020	-.00082	.00342	-.00016	.00057	-.00001	.07352	.00012
Stddev	.00003	.00005	.00036	.00015	.00015	.00001	.00587	.00001
%RSD	16.683	6.4098	10.533	93.654	25.787	39.064	7.9874	12.242

#1	.00018	-.00079	.00368	-.00005	.00047	-.00001	.06937	.00011
#2	.00023	-.00086	.00317	-.00026	.00068	-.00002	.07768	.00013

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	-.00074	.00090	.00004	.00001	-.00008	.04570	.00038	.00005
Stddev	.00013	.00082	.00012	.00003	.00000	.01524	.00004	.00035
%RSD	17.552	90.590	310.67	248.30	5.2525	33.339	11.207	728.05

#1	-.00083	.00033	-.00005	-.00001	-.00008	.03492	.00035	-.00020
#2	-.00065	.00148	.00013	.00003	-.00009	.05647	.00041	.00029

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	-.00549	.00016	.04004	-.00003	.22194	-.03133	.00012	.00048
Stddev	.00033	.00017	.00236	.00007	.00937	.00090	.00010	.00038
%RSD	5.9776	108.54	5.8938	211.92	4.2223	2.8732	90.227	78.421

#1	-.00525	.00004	.03837	.00002	.22856	-.03197	.00004	.00022
#2	-.00572	.00028	.04171	-.00008	.21531	-.03069	.00019	.00075

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	.00033	.01472	.00052	.00129	.03290	-.0029	-.00638	3910.7
Stddev	.00003	.00016	.00002	.00026	.00260	.0001	.00011	.5
%RSD	9.0837	1.0539	3.0165	20.512	7.8898	2.614	1.6837	.01347

#1	.00031	.01483	.00053	.00110	.03473	-.0029	-.00630	3911.1
#2	.00035	.01461	.00051	.00147	.03106	-.0028	-.00645	3910.3

Sample Name: S0 Acquired: 12/15/2018 13:42:46 Type: Cal
Method: P4-ICP2(v2656) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-188.71
Stddev	6.66
%RSD	3.5304

#1	-193.42
#2	-184.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3205.7	44175.	4113.4	100.80	3796.1
Stddev	7.3	60.	2.3	.85	10.0
%RSD	.22905	.13570	.05649	.84760	.26314

#1	3200.5	44133.	4111.7	101.41	3803.1
#2	3210.9	44217.	4115.0	100.20	3789.0

Sample Name: S1 Acquired: 12/15/2018 13:46:49 Type: Cal
Method: P4-ICP2(v2656) 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	.00148	.00649	.00726	.00152	.00921	.00084	.62284	.00694
Stddev	.00014	.00008	.00001	.00022	.00014	.00001	.00862	.00018
%RSD	9.6623	1.2335	.12943	14.389	1.5351	.84327	1.3839	2.5829

#1	.00138	.00655	.00726	.00168	.00931	.00084	.61674	.00707
#2	.00158	.00644	.00725	.00137	.00911	.00083	.62893	.00681

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	.01924	.00232	.03922	.01589	.17918	.03356	.02260	.00267
Stddev	.00006	.00009	.00012	.00041	.02250	.00053	.00045	.00001
%RSD	.28978	3.8476	.31105	2.6051	12.559	1.5659	2.0075	.55985

#1	.01920	.00238	.03913	.01560	.19509	.03393	.02228	.00268
#2	.01928	.00225	.03931	.01619	.16327	.03319	.02292	.00266

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	.00845	4.4333	.15826	.00538	.00123	.18077	.00848	.01678
Stddev	.00009	.0458	.00142	.00006	.00010	.00171	.00019	.00010
%RSD	1.0122	1.0321	.89555	1.2012	8.1080	.94515	2.2882	.60273

#1	.00851	4.4656	.15725	.00534	.00116	.17956	.00834	.01671
#2	.00839	4.4009	.15926	.00543	.00130	.18198	.00862	.01685

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07130	-.0010	.23498	3887.6	-186.77
Stddev	.00315	.0000	.00122	72.9	.57
%RSD	4.4186	.2612	.51827	1.8747	.30693

#1	.06907	-.0010	.23411	3836.0	-186.37
#2	.07353	-.0010	.23584	3939.1	-187.18

Sample Name: S1 Acquired: 12/15/2018 13:46:49 Type: Cal
Method: P4-ICP2(v2656) 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	3154.8	43904.	4110.7	100.62	3697.8
Stddev	10.0	666.	36.8	1.06	13.3
%RSD	.31753	1.5179	.89627	1.0542	.36031
#1	3161.9	43433.	4136.8	99.867	3707.2
#2	3147.7	44376.	4084.7	101.37	3688.4

Sample Name: S2 Acquired: 12/15/2018 13:50:53 Type: Cal
Method: P4-ICP2(v2656) 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	.02614	.00579	.18555	.01320
Stddev	.00116	.00025	.00306	.00097
%RSD	4.4241	4.3483	1.6513	7.3221

#1	.02696	.00561	.18338	.01388
#2	.02532	.00597	.18771	.01251

Int. Std.	Y_3710
Units	Cts/S
Avg	4123.8
Stddev	22.8
%RSD	.55400

#1	4107.7
#2	4140.0

Sample Name: S3 Acquired: 12/15/2018 13:54:57 Type: Cal
Method: P4-ICP2(v2656) 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	.16087	.38799	.71924	.18300	.39764	.03987	24.635	.13417
Stddev	.00087	.00073	.00053	.00053	.00079	.00012	.039	.00010
%RSD	.53987	.18937	.07385	.28716	.19909	.30799	.15640	.07400
#1	.16025	.38851	.71887	.18263	.39708	.03978	24.662	.13424
#2	.16148	.38747	.71962	.18337	.39820	.03995	24.607	.13410
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9555	.55966	.10719	1.4134	.44617	3.7573	1.8156	.13831
Stddev	.0000	.00305	.00033	.0013	.00159	.0832	.0010	.00165
%RSD	.00019	.54522	.30397	.08825	.35711	2.2131	.05326	1.1931
#1	3.9555	.56182	.10742	1.4143	.44504	3.8161	1.8163	.13714
#2	3.9555	.55750	.10696	1.4126	.44729	3.6985	1.8149	.13948
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	.76239	.14449	3.5722	.23141	111.47	1.1301	1.8818	.11382
Stddev	.00174	.00035	.0059	.00032	2.32	.0017	.0065	.00038
%RSD	.22795	.24525	.16443	.13694	2.0800	.14789	.34404	.33024
#1	.76362	.14474	3.5764	.23164	113.11	1.1313	1.8772	.11356
#2	.76116	.14424	3.5681	.23119	109.83	1.1289	1.8864	.11409
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	.10210	1.0338	.46816	.90416	5.1676	.2424	28.719	3566.4
Stddev	.00006	.0027	.00025	.00430	.0017	.0009	.035	34.6
%RSD	.06305	.25943	.05341	.47509	.03365	.3846	.12246	.96948
#1	.10215	1.0319	.46834	.90113	5.1664	.2430	28.744	3541.9
#2	.10206	1.0357	.46798	.90720	5.1688	.2417	28.694	3590.8

Sample Name: S3 Acquired: 12/15/2018 13:54:57 Type: Cal
Method: P4-ICP2(v2656) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-209.20
Stddev	6.64
%RSD	3.1721

#1	-204.51
#2	-213.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.8	41962.	4053.1	96.853	3432.6
Stddev	2.0	226.	1.2	2.185	12.0
%RSD	.06524	.53853	.02908	2.2558	.35097

#1	3075.2	41802.	4052.2	95.308	3424.1
#2	3072.4	42122.	4053.9	98.398	3441.1

Sample Name: S4 Acquired: 12/15/2018 13:58:44 Type: Cal
Method: P4-ICP2(v2656) 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	.32897	.79019	1.4705	.37171	.81174	.08176	50.155	.27335
Stddev	.00059	.00034	.0013	.00031	.00180	.00033	.142	.00022
%RSD	.17784	.04289	.08547	.08459	.22154	.40797	.28343	.08183

#1	.32856	.79043	1.4696	.37193	.81047	.08152	50.054	.27351
#2	.32938	.78995	1.4714	.37149	.81301	.08199	50.255	.27320

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	8.1786	1.1275	.21695	2.9121	.89155	7.8224	3.6467	.27820
Stddev	.0060	.0017	.00047	.0006	.00198	.1331	.0018	.00101
%RSD	.07402	.15145	.21514	.02245	.22175	1.7018	.05029	.36271

#1	8.1744	1.1287	.21662	2.9116	.89015	7.7283	3.6480	.27748
#2	8.1829	1.1263	.21728	2.9126	.89295	7.9165	3.6454	.27891

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	1.5560	.29276	7.2377	.47221	232.03	2.3444	3.8055	.23231
Stddev	.0001	.00027	.0238	.00097	3.00	.0100	.0039	.00175
%RSD	.00563	.09288	.32932	.20577	1.2922	.42809	.10157	.75175

#1	1.5561	.29296	7.2209	.47290	229.91	2.3373	3.8027	.23108
#2	1.5560	.29257	7.2546	.47153	234.15	2.3514	3.8082	.23355

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	.21520	2.0783	.96407	1.8391	10.506	.5131	58.261	3408.5
Stddev	.00026	.0109	.00104	.0005	.018	.0008	.148	.9
%RSD	.12063	.52571	.10798	.02828	.17333	.1480	.25331	.02781

#1	.21538	2.0706	.96333	1.8387	10.493	.5136	58.157	3409.2
#2	.21502	2.0860	.96481	1.8395	10.519	.5126	58.365	3407.8

Sample Name: S4 Acquired: 12/15/2018 13:58:44 Type: Cal
Method: P4-ICP2(v2656) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-223.07
Stddev	10.42
%RSD	4.6721

#1	-215.70
#2	-230.44

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.8	41059.	4010.3	92.051	3268.5
Stddev	2.0	110.	6.5	1.099	4.9
%RSD	.06569	.26752	.16247	1.1936	.14974

#1	3011.4	40981.	4005.7	92.828	3265.0
#2	3014.2	41136.	4015.0	91.275	3272.0

Sample Name: S5 Acquired: 12/15/2018 14:02:31 Type: Cal
Method: P4-ICP2(v2656) 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	.65777	1.5645	2.9559	.74142	1.6115	.16408	97.102	.53589
Stddev	.00079	.0010	.0007	.00077	.0011	.00068	.019	.00021
%RSD	.12033	.06621	.02331	.10424	.06721	.41314	.01918	.03876

#1	.65721	1.5638	2.9554	.74088	1.6123	.16360	97.115	.53574
#2	.65833	1.5653	2.9564	.74197	1.6108	.16456	97.089	.53603

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	16.486	2.1893	.42219	5.8799	1.7312	15.581	7.0435	.54190
Stddev	.000	.0028	.00005	.0018	.0001	.030	.0010	.00024
%RSD	.00245	.12677	.01067	.03130	.00656	.19515	.01459	.04370

#1	16.487	2.1913	.42216	5.8786	1.7312	15.559	7.0428	.54206
#2	16.486	2.1873	.42223	5.8812	1.7311	15.602	7.0442	.54173

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	3.1309	.57881	14.264	.93058	456.17	4.6668	7.4833	.45388
Stddev	.0012	.00061	.058	.00075	2.12	.0187	.0052	.00163
%RSD	.03925	.10599	.40764	.08091	.46424	.39957	.06904	.35935

#1	3.1318	.57925	14.305	.93005	454.67	4.6799	7.4869	.45503
#2	3.1300	.57838	14.223	.93111	457.67	4.6536	7.4796	.45273

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	.44921	4.0314	1.9491	3.5919	20.657	1.057	113.09	3234.7
Stddev	.00000	.0144	.0007	.0124	.073	.001	.16	7.4
%RSD	.00041	.35768	.03613	.34541	.35543	.0689	.14177	.22774

#1	.44921	4.0416	1.9486	3.6007	20.709	1.057	113.20	3229.5
#2	.44921	4.0212	1.9496	3.5831	20.605	1.058	112.97	3240.0

Sample Name: S5 Acquired: 12/15/2018 14:02:31 Type: Cal
Method: P4-ICP2(v2656) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-251.21
Stddev	7.37
%RSD	2.9342

#1	-256.42
#2	-246.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.5	40026.	4000.3	88.900	3055.0
Stddev	7.0	16.	24.3	.263	6.9
%RSD	.24004	.03937	.60673	.29538	.22478

#1	2907.6	40015.	3983.1	89.085	3050.2
#2	2917.5	40037.	4017.4	88.714	3059.9

Sample Name: ICV01 Acquired: 12/15/2018 14:06:26 Type: Unk
Method: P4-ICP2(v2656) 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	.97098	.98627	.96763	.98059	.96228	2.4968	.50353	.47998
Stddev	.00737	.00287	.00185	.00918	.00311	.0123	.00479	.00018
%RSD	.75911	.29086	.19144	.93575	.32276	.49230	.95174	.03764
#1	.97619	.98424	.96894	.98708	.96448	2.4881	.50692	.48011
#2	.96577	.98830	.96633	.97410	.96008	2.5055	.50014	.47985
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47231	10.417	.49630	.48651	.50212	4.9633	.50946	6.0901
Stddev	.00073	.059	.00107	.00022	.00186	.0332	.00077	.0659
%RSD	.15393	.56323	.21643	.04487	.37060	.66864	.15038	1.0822
#1	.47282	10.376	.49554	.48666	.50343	4.9398	.51000	6.1367
#2	.47179	10.459	.49706	.48635	.50080	4.9867	.50891	6.0435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48841	.50230	10.000	.49805	1.0021	10.106	2.4872	2.4905
Stddev	.00095	.00025	.053	.00158	.0043	.054	.0025	.0059
%RSD	.19536	.05032	.53017	.31672	.42873	.53478	.10146	.23728
#1	.48909	.50212	10.038	.49693	1.0052	10.144	2.4889	2.4946
#2	.48774	.50248	9.9626	.49917	.99911	10.068	2.4854	2.4863
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00495	2.3889	2.3773	2.5096	F .00394	F .0004	F .00696	F 1.4590
Stddev	.00225	.0179	.0038	.0041	.00013	.0007	.00001	.0169
%RSD	45.525	.74711	.16159	.16439	3.2113	168.4	.20899	1.1591
#1	.00654	2.4015	2.3746	2.5067	.00403	.0008	.00697	1.4709
#2	.00335	2.3763	2.3800	2.5125	.00385	-.0001	.00695	1.4470

Sample Name: ICV01 Acquired: 12/15/2018 14:06:26 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .89544
Stddev	.88711
%RSD	99.070

#1	1.5227
#2	.26816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.4	42786.	4141.6	96.069	3552.9
Stddev	14.2	119.	30.8	.523	10.7
%RSD	.45355	.27878	.74452	.54492	.30094

#1	3112.4	42702.	4119.8	95.699	3545.4
#2	3132.5	42870.	4163.4	96.439	3560.5

Sample Name: LLICV01 Acquired: 12/15/2018 14:10:17 Type: Unk
Method: P4-ICP2(v2656) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01997	.04293	.01232	.02142	.05758	.10735	.11110
Stddev	.00270	.00015	.00123	.00036	.00160	.00193	.00001
%RSD	13.525	.35912	9.9794	1.6811	2.7779	1.7990	.00841

#1	.01806	.04303	.01319	.02167	.05872	.10872	.11109
#2	.02188	.04282	.01145	.02116	.05645	.10599	.11110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	.00603	2.2198	.01130	.03338	.02188	.10230
Stddev	.00002	.00004	.0092	.00022	.00041	.00061	.00456
%RSD	.30023	.61564	.41321	1.9819	1.2408	2.7897	4.4547

#1	.00640	.00605	2.2263	.01146	.03367	.02231	.10552
#2	.00643	.00600	2.2133	.01115	.03308	.02145	.09907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02340	2.3292	.04448	.01106	2.2061	.04576	.04648
Stddev	.00000	.0637	.00024	.00030	.0015	.00028	.00015
%RSD	.00837	2.7343	.53638	2.7508	.06713	.60301	.32008

#1	.02340	2.3742	.04431	.01085	2.2050	.04595	.04659
#2	.02339	2.2842	.04465	.01128	2.2071	.04556	.04638

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1636	.20858	.09917	.01677	.40616	.04260	.04432
Stddev	.0362	.00131	.01094	.00053	.00105	.00043	.00069
%RSD	1.6736	.62606	11.030	3.1587	.25732	1.0166	1.5551

#1	2.1892	.20766	.09144	.01714	.40690	.04229	.04384
#2	2.1380	.20951	.10691	.01639	.40542	.04290	.04481

Sample Name: LLICV01 Acquired: 12/15/2018 14:10:17 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02217	.0188	.02106	F 1.0734	F<.00000
Stddev	.00059	.0005	.00002	.0268	.40132
%RSD	2.6802	2.902	.09339	2.5004	46.935

#1	.02259	.0184	.02108	1.0544	-.57129
#2	.02175	.0192	.02105	1.0924	-1.1388

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.5	43378.	4147.0	99.317	3730.9
Stddev	7.4	39.	10.3	.318	10.4
%RSD	.23200	.09056	.24957	.32039	.27990

#1	3174.7	43350.	4154.3	99.092	3723.5
#2	3164.3	43405.	4139.7	99.542	3738.2

Sample Name: ICB01 Acquired: 12/15/2018 14:14:21 Type: Unk
Method: P4-ICP2(v2656) 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	-.00148	.00146	-.00035	-.00186	-.00012	-.01044	.00009
Stddev	.00201	.00199	.00101	.00167	.00044	.00512	.00092
%RSD	135.61	135.92	292.00	89.501	368.64	49.070	1064.7

#1	-.00006	.00287	-.00106	-.00304	-.00043	-.00682	-.00056
#2	-.00290	.00006	.00037	-.00068	.00019	-.01406	.00074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00002	-.00642	.00006	-.00001	.00045	-.01136
Stddev	.00001	.00001	.01394	.00009	.00009	.00021	.00803
%RSD	58.488	29.169	217.22	136.28	804.07	46.486	70.730

#1	-.00001	-.00002	-.01628	.00012	-.00007	.00030	-.01704
#2	-.00002	-.00001	.00344	.00000	.00005	.00060	-.00568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01676	-.00008	.00028	-.00479	-.00033	-.00060
Stddev	.00002	.01740	.00023	.00070	.00143	.00049	.00018
%RSD	63.016	103.81	296.14	248.28	29.830	147.77	30.581

#1	.00004	-.00446	-.00024	.00078	-.00581	.00001	-.00047
#2	.00002	-.02906	.00008	-.00021	-.00378	-.00067	-.00072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03239	.00015	-.00010	-.00163	.00165	-.00032	.00075
Stddev	.00843	.00012	.00559	.00406	.00317	.00038	.00034
%RSD	26.030	80.579	5620.2	249.22	192.54	117.16	45.325

#1	-.03835	.00024	.00385	.00124	.00389	-.00059	.00051
#2	-.02643	.00006	-.00405	-.00450	-.00060	-.00006	.00100

Sample Name: ICB01 Acquired: 12/15/2018 14:14:21 Type: Unk
 Method: P4-ICP2(v2656) 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	-.00039	-.0002	.00005	F .54210	F<.00000
Stddev	.00032	.0004	.00004	.28673	.66832
%RSD	82.423	161.0	86.940	52.893	74.505

#1	-.00016	-.0005	.00002	.74485	-.42444
#2	-.00062	.0000	.00008	.33935	-1.3696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.4	43693.	4124.0	99.000	3741.4
Stddev	7.6	9.	33.7	3.512	11.4
%RSD	.24125	.02171	.81663	3.5474	.30370

#1	3158.7	43686.	4100.2	96.517	3733.4
#2	3148.0	43700.	4147.8	101.48	3749.5

Sample Name: CRI01 Acquired: 12/15/2018 14:22:25 Type: Unk
Method: P4-ICP2(v2656) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01954	.04158	.01259	.02200	.05491	.11417	.11306
Stddev	.00056	.00132	.00037	.00279	.00004	.00311	.00071
%RSD	2.8827	3.1663	2.9075	12.704	.07786	2.7276	.63137

#1	.01914	.04065	.01233	.02398	.05494	.11637	.11256
#2	.01994	.04252	.01285	.02002	.05488	.11197	.11357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00645	.00598	2.2291	.01103	.03381	.02213	.11102
Stddev	.00008	.00000	.0353	.00025	.00011	.00016	.01067
%RSD	1.2797	.00602	1.5830	2.2415	.32953	.73149	9.6118

#1	.00651	.00599	2.2042	.01085	.03373	.02224	.11857
#2	.00639	.00598	2.2541	.01120	.03389	.02201	.10348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02364	2.3299	.04480	.01091	2.2180	.04637	.04742
Stddev	.00002	.0829	.00009	.00007	.0215	.00052	.00091
%RSD	.08546	3.5586	.21187	.66076	.96738	1.1118	1.9263

#1	.02365	2.2712	.04487	.01086	2.2028	.04600	.04678
#2	.02362	2.3885	.04473	.01096	2.2331	.04673	.04807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1074	.21074	.10617	.01468	.41041	.04095	.04522
Stddev	.0147	.00011	.00972	.00088	.01041	.00061	.00080
%RSD	.69822	.05452	9.1599	5.9871	2.5374	1.4939	1.7708

#1	2.0970	.21082	.11304	.01406	.40305	.04052	.04579
#2	2.1178	.21066	.09929	.01530	.41777	.04138	.04465

Sample Name: CRI01 Acquired: 12/15/2018 14:22:25 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02053	.0171	.02129	F 1.6074	F<.00000
Stddev	.00216	.0005	.00031	.0746	.48099
%RSD	10.525	2.985	1.4444	4.6416	60.950
#1	.01900	.0168	.02107	1.5546	-1.1293
#2	.02206	.0175	.02151	1.6601	-.44905
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.8	42708.	4090.7	96.013	3670.5
Stddev	11.2	95.	42.7	1.939	7.8
%RSD	.35704	.22214	1.0431	2.0192	.21171
#1	3117.9	42641.	4120.8	97.383	3665.0
#2	3133.7	42775.	4060.5	94.642	3676.0

Sample Name: ICSA01 Acquired: 12/15/2018 14:26:29 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00752	-.00834	.00222	.00406	.00341	288.95	.00608
Stddev	.00255	.00111	.00207	.00164	.00050	1.18	.00019
%RSD	33.861	13.245	93.242	40.485	14.545	.40951	3.1919

#1	-.00572	-.00912	.00076	.00290	.00376	288.11	.00595
#2	-.00932	-.00756	.00369	.00523	.00306	289.79	.00622

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00067	261.87	.05965	-.00084	-.01079	101.05
Stddev	.00000	.00018	4.85	.00006	.00043	.00037	1.99
%RSD	.42223	26.128	1.8531	.10658	51.273	3.4387	1.9680

#1	.00022	.00055	265.30	.05969	-.00114	-.01106	102.45
#2	.00022	.00080	258.44	.05960	-.00053	-.01053	99.642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01641	274.02	-.00798	-.00275	.03974	.00142	.00098
Stddev	.00005	4.13	.00061	.00062	.00593	.00019	.00019
%RSD	.30104	1.5086	7.5891	22.695	14.919	13.243	19.493

#1	.01644	276.94	-.00841	-.00231	.04393	.00128	.00111
#2	.01637	271.09	-.00755	-.00319	.03555	.00155	.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	-.00059	.04287	-.00238	-.00326	.00295	-.00104
Stddev	.00520	.00036	.00219	.00061	.00539	.00036	.00011
%RSD	203.17	60.958	5.0986	25.756	165.34	12.052	10.864

#1	.00112	-.00034	.04133	-.00195	.00055	.00320	-.00096
#2	-.00624	-.00085	.04442	-.00282	-.00708	.00270	-.00111

Sample Name: ICSA01 Acquired: 12/15/2018 14:26:29 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00488	.0017	-.00538	F 4.4218	F<.00000
Stddev	.00075	.0000	.00078	.0238	.65368
%RSD	15.415	1.424	14.470	.53840	6.8527

#1	.00541	.0017	-.00593	4.4049	-10.001
#2	.00435	.0017	-.00483	4.4386	-9.0768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.7	37152.	3951.5	89.444	2848.6
Stddev	24.4	19.	81.4	1.896	24.5
%RSD	.89858	.05151	2.0591	2.1192	.86093

#1	2697.4	37165.	3893.9	88.104	2831.2
#2	2731.9	37138.	4009.0	90.784	2865.9

Sample Name: ICSAB01 Acquired: 12/15/2018 14:30:37 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09411	.08477	.05080	.05570	.62353	280.66	.52665
Stddev	.00102	.00114	.00034	.00367	.00221	4.70	.00030
%RSD	1.0838	1.3432	.66693	6.5798	.35408	1.6736	.05718

#1	.09339	.08558	.05104	.05311	.62509	277.34	.52687
#2	.09483	.08397	.05056	.05829	.62197	283.98	.52644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55403	.99482	254.08	.58399	.50074	.47932	98.483
Stddev	.00473	.00307	.99	.00637	.00025	.00012	.491
%RSD	.85340	.30850	.38891	1.0909	.04937	.02522	.49891

#1	.55068	.99699	253.38	.57948	.50057	.47941	98.830
#2	.55737	.99265	254.78	.58849	.50092	.47924	98.136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54247	265.62	.98228	.22073	.03623	.52639	.99388
Stddev	.00474	.26	.00256	.00229	.00081	.00422	.01208
%RSD	.87388	.09944	.26112	1.0370	2.2444	.80124	1.2150

#1	.53912	265.44	.98409	.21912	.03566	.52341	1.0024
#2	.54583	265.81	.98046	.22235	.03681	.52938	.98534

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01908	F 1.0906	F 1.1334	.00318	F .99415	F 1.0920	F 1.0902
Stddev	.02611	.0011	.0058	.00084	.00099	.0065	.0064
%RSD	136.85	.09813	.51201	26.404	.09975	.59524	.58743

#1	-.03754	1.0899	1.1293	.00377	.99345	1.0966	1.0857
#2	-.00062	1.0914	1.1375	.00259	.99485	1.0874	1.0947

Sample Name: ICSAB01 Acquired: 12/15/2018 14:30:37 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00331	F -.0000	F -.00588	F 4.8097	F<.00000
Stddev	.00048	.0014	.00099	.2102	1.1036
%RSD	14.571	8227.	16.831	4.3709	13.936

#1	.00366	.0010	-.00658	4.6610	-8.6995
#2	.00297	-.0010	-.00518	4.9583	-7.1387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.8	37026.	3942.4	89.303	2904.2
Stddev	8.1	340.	18.1	1.161	11.3
%RSD	.29106	.91719	.46007	1.3003	.38785

#1	2760.1	37266.	3929.6	88.481	2896.2
#2	2771.5	36786.	3955.2	90.124	2912.1

Sample Name: CCV01 Acquired: 12/15/2018 14:34:35 Type: Unk
Method: P4-ICP2(v2656) 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	5.0231	5.0195	4.9959	5.0412	5.0354	10.232	10.044	.25262
Stddev	.0183	.0307	.0407	.0103	.0106	.037	.019	.00012
%RSD	.36388	.61222	.81395	.20504	.21024	.36213	.19156	.04774
#1	5.0102	4.9978	4.9671	5.0338	5.0279	10.205	10.058	.25254
#2	5.0361	5.0412	5.0246	5.0485	5.0429	10.258	10.030	.25271
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4869	25.896	1.0227	2.4853	1.2496	5.0785	2.5582	25.579
Stddev	.0191	.063	.0025	.0185	.0057	.0283	.0002	.109
%RSD	.76832	.24321	.24740	.74492	.45602	.55726	.00617	.42539
#1	2.4734	25.852	1.0209	2.4722	1.2456	5.0585	2.5583	25.503
#2	2.5004	25.941	1.0245	2.4984	1.2536	5.0985	2.5581	25.656
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4816	1.2795	25.067	2.5313	2.5056	25.322	5.0536	4.9599
Stddev	.0184	.0024	.018	.0041	.0213	.001	.0196	.0371
%RSD	.74316	.18966	.06982	.16141	.84812	.00580	.38799	.74806
#1	2.4685	1.2812	25.055	2.5342	2.4906	25.323	5.0397	4.9337
#2	2.4946	1.2778	25.079	2.5284	2.5207	25.321	5.0675	4.9862
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9316	4.9888	4.9872	5.0877	4.9791	4.963	5.0785	F 3.7248
Stddev	.0382	.0144	.0285	.0024	.0033	.032	.0019	.0612
%RSD	.77502	.28935	.57204	.04751	.06674	.6372	.03725	1.6431
#1	4.9045	4.9785	4.9670	5.0860	4.9815	4.941	5.0772	3.6815
#2	4.9586	4.9990	5.0074	5.0894	4.9768	4.985	5.0799	3.7681

Sample Name: CCV01 Acquired: 12/15/2018 14:34:35 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5095
Stddev .1834
%RSD 12.147

#1 1.3799
#2 1.6392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.2	40528.	4063.2	92.559	3256.0
Stddev	3.8	85.	16.0	.499	14.9
%RSD	.12752	.21078	.39380	.53902	.45861

#1	2996.9	40467.	4051.9	92.912	3266.6
#2	2991.5	40588.	4074.6	92.206	3245.5

Sample Name: LLCCV01 Acquired: 12/15/2018 14:38:21 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01928	.04362	.01256	.02143	.05531	.10455	.11131	.00658
Stddev	.00122	.00009	.00156	.00420	.00254	.00750	.00057	.00003
%RSD	6.3345	.19496	12.423	19.607	4.5934	7.1781	.51315	.43294

#1	.01842	.04368	.01146	.02440	.05352	.09924	.11171	.00656
#2	.02015	.04355	.01366	.01846	.05711	.10986	.11091	.00660

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.2478	.01158	.03451	.02194	.10161	.02381	2.2666
Stddev	.00007	.0223	.00017	.00039	.00028	.00087	.00014	.0653
%RSD	1.1700	.99077	1.4891	1.1206	1.2859	.85820	.59218	2.8808

#1	.00608	2.2320	.01146	.03424	.02175	.10099	.02391	2.3128
#2	.00618	2.2635	.01170	.03479	.02214	.10222	.02371	2.2205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04503	.01139	2.1841	.04693	.04744	2.1161	.21494	.10785
Stddev	.00065	.00012	.0134	.00025	.00040	.0285	.00208	.00092
%RSD	1.4390	1.0616	.61415	.54281	.84838	1.3455	.96779	.85258

#1	.04457	.01130	2.1935	.04675	.04716	2.0960	.21347	.10850
#2	.04549	.01148	2.1746	.04711	.04773	2.1362	.21641	.10719

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01755	.41612	.04316	.04302	.02086	.0185	.02136	1.9007
Stddev	.00104	.00094	.00042	.00117	.00148	.0000	.00002	.0705
%RSD	5.9096	.22535	.96699	2.7086	7.0764	.0086	.08479	3.7111

#1	.01828	.41546	.04286	.04219	.02190	.0185	.02135	1.9506
#2	.01681	.41679	.04345	.04384	.01982	.0185	.02138	1.8508

Sample Name: LLCCV01 Acquired: 12/15/2018 14:38:21 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .28799
 %RSD 83.509

#1 -.54850
 #2 -.14122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3068.0	42485.	4101.0	96.538	3611.1
Stddev	20.1	273.	26.7	.265	27.7
%RSD	.65673	.64333	.65216	.27468	.76819

#1	3082.2	42292.	4082.1	96.725	3630.7
#2	3053.7	42679.	4119.9	96.350	3591.5

Sample Name: CCB01 Acquired: 12/15/2018 14:42:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	.00153	-.00073	.00125	.00044	-.00209	.00022
Stddev	.00016	.00038	.00034	.00201	.00061	.00356	.00109
%RSD	8.3192	24.609	46.412	160.47	137.93	170.49	491.27

#1	-.00207	.00126	-.00097	.00267	.00087	-.00461	.00100
#2	-.00184	.00179	-.00049	-.00017	.00001	.00043	-.00055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00003	.00993	.00033	-.00002	.00006	-.00277
Stddev	.00000	.00001	.00631	.00020	.00027	.00010	.00137
%RSD	71.206	16.921	63.554	60.248	1445.0	166.56	49.606

#1	.00000	.00004	.01439	.00047	.00017	-.00001	-.00180
#2	.00000	.00003	.00547	.00019	-.00021	.00013	-.00374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00926	-.00003	.00042	-.02930	-.00067	-.00092
Stddev	.00001	.00442	.00053	.00021	.01056	.00042	.00002
%RSD	74.234	47.735	1628.5	51.543	36.037	62.277	1.7894

#1	-.00001	-.00613	-.00041	.00057	-.03676	-.00097	-.00091
#2	-.00002	-.01239	.00034	.00026	-.02183	-.00038	-.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05067	-.00013	.00084	-.00617	.00193	-.00021	.00169
Stddev	.04995	.00001	.00392	.00075	.00090	.00052	.00168
%RSD	98.583	6.5895	469.11	12.148	46.570	250.20	99.321

#1	-.01535	-.00012	.00361	-.00670	.00257	-.00058	.00287
#2	-.08599	-.00013	-.00194	-.00564	.00130	.00016	.00050

Sample Name: CCB01 Acquired: 12/15/2018 14:42:26 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00155	-0.0002	0.00006	F 1.9480	F<0.00000
Stddev	0.00116	0.0005	0.00009	0.0721	0.17282
%RSD	74.676	233.0	166.39	3.7027	18.445

#1	-0.00073	0.0001	-0.00001	1.9990	-0.81475
#2	-0.00237	-0.0006	0.00012	1.8970	-1.0592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.1	42616.	4101.9	98.392	3680.7
Stddev	5.1	205.	60.1	1.308	.4
%RSD	0.16386	0.48216	1.4658	1.3295	0.01213

#1	3110.7	42471.	4059.4	97.467	3681.1
#2	3103.5	42761.	4144.4	99.317	3680.4

Sample Name: LR CHECK1 Acquired: 12/15/2018 14:50:57 Type: Unk
Method: P4-ICP2(v2656) 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	-.05166	-.07402	.00082	.07680	.04218	1906.1	.00466
Stddev	.00348	.00136	.00359	.01906	.00211	17.5	.00013
%RSD	6.7408	1.8386	436.77	24.812	4.9956	.91662	2.6992

#1	-.05412	-.07498	.00336	.06333	.04069	1893.8	.00457
#2	-.04920	-.07306	-.00171	.09028	.04367	1918.5	.00475

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00348	.03355	1746.5	.08926	.04384	-.11328	F 972.46
Stddev	.00043	.00013	10.7	.00110	.00033	.00223	3.08
%RSD	12.260	.37519	.61542	1.2368	.75717	1.9669	.31631

#1	.00318	.03363	1738.9	.08848	.04407	-.11170	970.28
#2	.00378	.03346	1754.1	.09004	.04360	-.11486	974.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06443	F 1939.4	.10962	-.02817	1643.4	.01159	.12404
Stddev	.00070	11.7	.00148	.00190	21.1	.00036	.00052
%RSD	1.0807	.60072	1.3526	6.7415	1.2816	3.1312	.41730

#1	.06393	1931.1	.10857	-.02683	1628.6	.01185	.12368
#2	.06492	1947.6	.11067	-.02952	1658.3	.01134	.12441

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1044.7	.01305	.54500	.53164	.00211	.03718	-.03633
Stddev	2.1	.00011	.00150	.00882	.00116	.00547	.00162
%RSD	.20314	.86971	.27591	1.6597	55.036	14.702	4.4491

#1	1046.2	.01313	.54394	.53788	.00292	.03331	-.03748
#2	1043.2	.01297	.54607	.52540	.00129	.04104	-.03519

Sample Name: LR CHECK1 Acquired: 12/15/2018 14:50:57 Type: Unk
 Method: P4-ICP2(v2656) 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	.05427	.0561	F -1.0525	2.2792	^ *****
Stddev	.00248	.0045	.0033	.2769	-----
%RSD	4.5702	7.970	.31748	12.151	-----

#1	.05252	.0529	-1.0502	2.0834	^ ----
#2	.05603	.0593	-1.0549	2.4750	^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.5	28636.	3515.8	65.880	1834.8
Stddev	3.3	356.	29.6	.194	3.6
%RSD	.15741	1.2419	.84087	.29487	.19365

#1	2102.2	28888.	3536.7	66.017	1832.3
#2	2106.9	28385.	3494.9	65.743	1837.3

Sample Name: J6403-61 Acquired: 12/15/2018 14:59:52 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08973	-.01416	4.9791	.06699	.00189	149.18	1.1463
Stddev	.00030	.00170	.0505	.00072	.00174	.58	.0122
%RSD	.33422	11.979	1.0143	1.0771	91.900	.38829	1.0619

#1	.08952	-.01536	4.9434	.06648	.00312	149.59	1.1377
#2	.08994	-.01296	5.0148	.06750	.00066	148.77	1.1549

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	.00559	168.56	.20083	.19972	1.5006	388.91
Stddev	.00023	.00055	1.17	.00031	.00175	.0178	1.21
%RSD	3.8270	9.9208	.69425	.15305	.87438	1.1844	.31033

#1	.00595	.00520	167.73	.20105	.19849	1.4881	389.76
#2	.00628	.00598	169.38	.20061	.20096	1.5132	388.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0042	106.61	.28676	.00614	5.1769	.62114	2.6406
Stddev	.0063	1.34	.00319	.00059	.0412	.00195	.0052
%RSD	.12648	1.2524	1.1128	9.5764	.79606	.31322	.19746

#1	5.0087	105.66	.28451	.00656	5.1478	.61977	2.6370
#2	4.9997	107.55	.28902	.00573	5.2060	.62252	2.6443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.427	.00724	4.4608	3.9082	4.1360	.11818	4.2758
Stddev	.121	.00069	.0211	.0429	.0426	.00096	.0221
%RSD	.90342	9.5888	.47381	1.0972	1.0302	.81515	.51582

#1	13.341	.00773	4.4458	3.8779	4.1059	.11750	4.2602
#2	13.513	.00675	4.4757	3.9385	4.1662	.11887	4.2914

Sample Name: J6403-61 Acquired: 12/15/2018 14:59:52 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17797	F 10.14	.24709	<.00000	F<.00000
Stddev	.00072	.11	.00559	.48018	.01096
%RSD	.40202	1.062	2.2620	11.929	.00553

#1	.17746	10.07	.24314	-3.6858	-198.42
#2	.17847	10.22	.25104	-4.3649	-198.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.0	46950.	4985.9	88.885	2921.0
Stddev	22.3	165.	47.5	.045	30.7
%RSD	.66209	.35240	.95205	.05073	1.0508

#1	3376.7	46833.	5019.5	88.917	2942.7
#2	3345.2	47067.	4952.3	88.853	2899.3

Sample Name: LR CHECK 2 Acquired: 12/15/2018 15:03:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00468	-.01954	F 253.52	.02002	-.00839	-.31397	96.416	-.00056
Stddev	.00244	.00130	1.99	.00039	.00251	.01163	.285	.00007
%RSD	52.098	6.6630	.78624	1.9363	29.841	3.7047	.29513	11.922
#1	-.00296	-.01862	252.11	.02030	-.00662	-.30575	96.215	-.00061
#2	-.00641	-.02046	254.93	.01975	-.01017	-.32220	96.617	-.00051
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00858	.16734	-.13337	-.01387	F 254.59	-.86008	42.330	-.10978
Stddev	.00011	.01090	.00088	.00045	.91	.00788	.242	.03815
%RSD	1.3011	6.5139	.66084	3.2090	.35633	.91671	.57110	34.748
#1	-.00851	.17505	-.13275	-.01356	255.23	-.85451	42.159	-.08281
#2	-.00866	.15964	-.13400	-.01419	253.95	-.86566	42.501	-.13675
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.575	.00849	.53553	-.00679	F 36.117	.45211	-.00320	-.00555
Stddev	.353	.00012	.00233	.00010	1.547	.00000	.00079	.00339
%RSD	.71131	1.4706	.43452	1.4167	4.2832	.00056	24.628	61.128
#1	49.325	.00840	.53388	-.00686	37.211	.45211	-.00264	-.00795
#2	49.824	.00858	.53717	-.00673	35.023	.45211	-.00375	-.00315
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06857	-.00337	-.00052	.00307	.00027	-.3509	.00311	3.4336
Stddev	.00308	.00141	.00045	.00143	.00146	.0091	.00007	.1635
%RSD	4.4957	41.907	86.367	46.693	533.32	2.597	2.1402	4.7619
#1	.06639	-.00237	-.00083	.00408	.00131	-.3445	.00316	3.5492
#2	.07075	-.00437	-.00020	.00206	-.00076	-.3573	.00307	3.3180

Sample Name: LR CHECK 2 Acquired: 12/15/2018 15:03:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .45643
%RSD 359.30

#1 .19571
#2 -.44978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.5	41687.	4131.1	91.162	3265.7
Stddev	28.3	5.	14.3	3.730	34.9
%RSD	.98203	.01124	.34623	4.0916	1.0691

#1	2902.5	41683.	4141.2	88.525	3290.4
#2	2862.4	41690.	4120.9	93.800	3241.0

Sample Name: J6403-61DUP Acquired: 12/15/2018 15:08:16 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08980	-.01137	5.2933	.06625	.00099	148.08	1.1488
Stddev	.00023	.00098	.0383	.00120	.00032	2.70	.0316
%RSD	.25532	8.5797	.72286	1.8145	31.992	1.8249	2.7536

#1	.08996	-.01068	5.3203	.06540	.00121	149.99	1.1712
#2	.08963	-.01206	5.2662	.06710	.00077	146.17	1.1265

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	.00569	166.03	.20186	.19793	1.4902	388.97
Stddev	.00002	.00037	3.97	.00558	.00276	.0112	7.73
%RSD	.34341	6.5485	2.3910	2.7660	1.3962	.75264	1.9867

#1	.00611	.00543	168.84	.20581	.19988	1.4981	394.43
#2	.00614	.00596	163.23	.19791	.19598	1.4822	383.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9866	106.41	.28551	.00635	4.9451	.62637	2.6517
Stddev	.0787	2.56	.00127	.00047	.1315	.00997	.0474
%RSD	1.5774	2.4033	.44319	7.4483	2.6596	1.5923	1.7886

#1	5.0423	108.22	.28640	.00601	5.0381	.63342	2.6852
#2	4.9310	104.60	.28461	.00668	4.8521	.61932	2.6182

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.200	.00619	4.4135	3.9160	3.7175	.11510	4.2739
Stddev	.285	.00011	.1000	.0309	.1062	.00043	.0773
%RSD	2.1575	1.7247	2.2664	.79001	2.8564	.37295	1.8084

#1	13.401	.00627	4.4842	3.9379	3.7925	.11540	4.3286
#2	12.998	.00612	4.3427	3.8941	3.6424	.11479	4.2192

Sample Name: J6403-61DUP Acquired: 12/15/2018 15:08:16 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-BDUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17668	F 10.02	.25144	<.00000	F<.00000
Stddev	.00454	.08	.00843	.43007	3.0096
%RSD	2.5685	.8412	3.3545	11.484	1.5255

#1	.17989	10.08	.25741	-3.4407	-199.42
#2	.17347	9.963	.24548	-4.0489	-195.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3351.8	46359.	4953.8	87.292	2918.1
Stddev	31.9	623.	105.5	1.662	25.0
%RSD	.95313	1.3440	2.1298	1.9036	.85782

#1	3329.2	45918.	4879.2	86.117	2900.4
#2	3374.4	46800.	5028.4	88.467	2935.8

Sample Name: J6403-61LX5 Acquired: 12/15/2018 15:19:30 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7798 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01629	-.00068	1.1475	.01225	-.00109	33.491	.29158
Stddev	.00183	.00087	.0198	.00166	.00068	.476	.02364
%RSD	11.240	128.47	1.7245	13.541	62.443	1.4208	8.1092

#1	.01758	-.00006	1.1615	.01342	-.00061	33.827	.30830
#2	.01499	-.00129	1.1335	.01108	-.00157	33.154	.27486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00030	48.524	.04754	.03968	.38235	83.435
Stddev	.00002	.00061	3.766	.00092	.00044	.00554	6.347
%RSD	1.7207	201.53	7.7606	1.9365	1.1142	1.4478	7.6068

#1	.00135	-.00073	51.187	.04689	.03999	.38627	87.923
#2	.00132	.00013	45.861	.04819	.03936	.37844	78.947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2495	27.685	.05601	.00086	27.692	.14539	.58629
Stddev	.0047	1.899	.00029	.00093	2.050	.00089	.03663
%RSD	.37703	6.8590	.50992	108.68	7.4013	.61153	6.2485

#1	1.2462	29.028	.05621	.00152	29.141	.14477	.61219
#2	1.2528	26.342	.05581	.00020	26.242	.14602	.56038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8002	.00156	1.0701	1.8759	1.2654	.02270	1.0548
Stddev	.2372	.00015	.0839	.0260	.0658	.00143	.0827
%RSD	6.2424	9.3049	7.8407	1.3839	5.1968	6.3195	7.8376

#1	3.9679	.00166	1.1294	1.8942	1.3119	.02372	1.1132
#2	3.6324	.00146	1.0107	1.8575	1.2189	.02169	.99630

Sample Name: J6403-61LX5 Acquired: 12/15/2018 15:19:30 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7798 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04234	2.048	.10605	2.8206	F<.00000
Stddev	.00477	.035	.00826	.1633	1.2599
%RSD	11.273	1.709	7.7923	5.7879	20.166

#1	.04572	2.073	.11189	2.7051	-5.3569
#2	.03897	2.024	.10021	2.9360	-7.1387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.3	41972.	4123.7	88.453	3217.5
Stddev	53.8	24.	265.4	5.336	58.4
%RSD	1.7677	.05834	6.4362	6.0328	1.8165

#1	3007.2	41954.	3936.0	84.680	3176.2
#2	3083.3	41989.	4311.4	92.226	3258.9

Sample Name: J6403-61MS Acquired: 12/15/2018 15:23:24 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79356	2.0023	10.074	1.7469	.10704	161.68	1.4877
Stddev	.00629	.0047	.019	.0061	.00110	.21	.0089
%RSD	.79245	.23490	.18881	.34708	1.0314	.13102	.59912

#1	.79800	1.9989	10.061	1.7427	.10782	161.53	1.4940
#2	.78911	2.0056	10.087	1.7512	.10626	161.83	1.4814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18374	.20979	176.85	.55327	.42728	3.5656	413.07
Stddev	.00055	.00151	1.89	.00498	.00034	.0049	9.16
%RSD	.30079	.72129	1.0692	.90084	.08016	.13841	2.2170

#1	.18413	.20872	178.18	.55680	.42704	3.5621	419.54
#2	.18335	.21086	175.51	.54975	.42752	3.5691	406.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2666	113.46	.82533	.07402	7.6569	.85729	2.8931
Stddev	.0349	1.02	.00092	.00152	.0703	.00015	.0785
%RSD	.66253	.90246	.11120	2.0536	.91869	.01802	2.7135

#1	5.2913	114.18	.82598	.07510	7.7066	.85740	2.9486
#2	5.2419	112.74	.82469	.07295	7.6071	.85718	2.8376

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.674	.33084	5.6771	5.8461	4.4423	.82392	4.5111
Stddev	.197	.00068	.0158	.0033	.1601	.00312	.0246
%RSD	.83107	.20488	.27761	.05670	3.6044	.37854	.54511

#1	23.813	.33036	5.6883	5.8484	4.5555	.82171	4.5285
#2	23.534	.33132	5.6660	5.8437	4.3291	.82612	4.4937

Sample Name: J6403-61MS Acquired: 12/15/2018 15:23:24 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-BMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37097	F 16.66	.39644	<.00000	F<.00000
Stddev	.00131	.03	.00403	.39927	2.8592
%RSD	.35334	.1572	1.0178	12.127	1.3546

#1	.37004	16.67	.39358	-3.0101	-213.09
#2	.37189	16.64	.39929	-3.5748	-209.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.0	45931.	4828.4	85.281	2850.9
Stddev	3.2	210.	67.5	2.260	2.8
%RSD	.09695	.45735	1.3988	2.6494	.09918

#1	3302.2	45782.	4780.7	83.683	2852.9
#2	3297.7	46079.	4876.2	86.878	2848.9

Sample Name: J6403-61MSD Acquired: 12/15/2018 15:27:21 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78992	1.9849	9.9903	1.7369	.10294	162.25	1.4879
Stddev	.00211	.0065	.0150	.0027	.00073	.25	.0061
%RSD	.26765	.32944	.14997	.15326	.71351	.15447	.40887

#1	.79141	1.9895	10.001	1.7388	.10346	162.43	1.4922
#2	.78842	1.9803	9.9797	1.7351	.10242	162.08	1.4836

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18404	.20885	177.25	.55294	.42307	3.5464	407.36
Stddev	.00039	.00139	.08	.00142	.00067	.0162	6.57
%RSD	.21333	.66566	.04429	.25762	.15886	.45738	1.6124

#1	.18432	.20983	177.20	.55394	.42355	3.5579	402.71
#2	.18376	.20787	177.31	.55193	.42260	3.5349	412.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2810	113.32	.82204	.07315	7.6487	.85427	2.8473
Stddev	.0117	.48	.00004	.00062	.0418	.00254	.0362
%RSD	.22213	.42503	.00519	.84811	.54699	.29700	1.2726

#1	5.2893	113.66	.82201	.07271	7.6782	.85606	2.8217
#2	5.2727	112.98	.82207	.07359	7.6191	.85247	2.8729

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.650	.32887	5.6427	5.8076	4.3937	.81914	4.5170
Stddev	.114	.00158	.0115	.0027	.0305	.00423	.0127
%RSD	.48086	.48073	.20385	.04596	.69497	.51680	.28014

#1	23.730	.32998	5.6508	5.8095	4.4153	.81614	4.5259
#2	23.570	.32775	5.6345	5.8057	4.3721	.82213	4.5080

Sample Name: J6403-61MSD Acquired: 12/15/2018 15:27:21 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37242	F 16.49	.40505	<.00000	F<.00000
Stddev	.00210	.02	.01044	.07324	3.6188
%RSD	.56342	.1483	2.5772	2.1244	1.7321

#1	.37390	16.51	.41243	-3.4993	-206.36
#2	.37093	16.47	.39767	-3.3958	-211.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.2	45968.	4842.4	86.601	2874.7
Stddev	15.1	149.	19.4	1.075	4.9
%RSD	.45599	.32335	.40144	1.2418	.16989

#1	3306.6	45863.	4828.6	87.361	2871.2
#2	3327.9	46073.	4856.1	85.840	2878.1

Sample Name: J6403-61A Acquired: 12/15/2018 15:31:17 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78218	1.9686	9.8560	1.7271	.10400	161.01	1.4822
Stddev	.00370	.0200	.1084	.0138	.00067	.19	.0002
%RSD	.47293	1.0145	1.0998	.80013	.64780	.11903	.01257

#1	.78480	1.9827	9.9326	1.7369	.10352	161.15	1.4823
#2	.77957	1.9545	9.7794	1.7173	.10448	160.88	1.4820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18351	.20688	176.90	.55181	.41827	3.5262	400.83
Stddev	.00004	.00359	.45	.00334	.00608	.0208	4.84
%RSD	.01924	1.7364	.25219	.60596	1.4528	.59091	1.2082

#1	.18349	.20942	177.22	.54945	.42256	3.5409	397.40
#2	.18354	.20434	176.59	.55418	.41397	3.5114	404.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2534	112.77	.81355	.07114	7.6328	.85636	2.8048
Stddev	.0001	.70	.00781	.00080	.0234	.00458	.0431
%RSD	.00266	.62354	.96049	1.1309	.30722	.53481	1.5381

#1	5.2535	112.27	.81907	.07057	7.6162	.85960	2.7743
#2	5.2533	113.27	.80802	.07171	7.6494	.85312	2.8353

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.527	.32664	5.6396	5.7349	4.4406	.80699	4.4928
Stddev	.006	.00188	.0082	.0464	.0225	.00882	.0120
%RSD	.02745	.57436	.14511	.80885	.50560	1.0936	.26642

#1	23.523	.32797	5.6338	5.7678	4.4565	.81323	4.5012
#2	23.532	.32532	5.6454	5.7021	4.4248	.80075	4.4843

Sample Name: J6403-61A Acquired: 12/15/2018 15:31:17 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37111	F 16.33	.40724	<.00000	F<.00000
Stddev	.00272	.15	.00752	.01813	2.5973
%RSD	.73406	.9248	1.8467	.51249	1.2353

#1	.37303	16.44	.41256	-3.5499	-208.43
#2	.36918	16.23	.40193	-3.5242	-212.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.9	46210.	4852.1	87.810	2906.7
Stddev	18.5	125.	3.3	1.259	35.3
%RSD	.55393	.27085	.06714	1.4343	1.2132

#1	3330.8	46122.	4849.8	88.701	2881.7
#2	3357.0	46299.	4854.4	86.920	2931.6

Sample Name: J6305-01 Acquired: 12/15/2018 15:35:14 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW001-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02656	-.02001	6.2229	.04722	.12083	181.95	3.8249
Stddev	.00160	.00139	.0211	.00714	.00332	1.77	.0395
%RSD	6.0082	6.9220	.33911	15.117	2.7486	.97419	1.0319

#1	.02543	-.02099	6.2079	.04218	.11848	183.20	3.7970
#2	.02768	-.01903	6.2378	.05227	.12318	180.69	3.8528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	.06016	1081.1	.30063	.18449	3.0801	326.32
Stddev	.00007	.00129	14.0	.00352	.00105	.0000	12.89
%RSD	2.6012	2.1449	1.2983	1.1715	.56818	.00047	3.9499

#1	.00267	.06107	1071.2	.30312	.18375	3.0801	317.20
#2	.00277	.05925	1091.1	.29814	.18524	3.0801	335.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2759	118.76	.51272	.01528	171.95	.59037	33.219
Stddev	.0309	1.52	.00022	.00157	1.40	.00773	1.384
%RSD	.42456	1.2816	.04385	10.291	.81452	1.3095	4.1672

#1	7.2977	117.69	.51287	.01417	170.96	.59584	32.240
#2	7.2540	119.84	.51256	.01640	172.94	.58490	34.198

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.183	.21013	3.8769	F 238.92	F 76.914	.19414	6.4305
Stddev	.164	.00048	.0525	.37	1.089	.00123	.0503
%RSD	.85323	.22854	1.3530	.15666	1.4161	.63436	.78295

#1	19.067	.20979	3.8398	238.66	76.144	.19327	6.3949
#2	19.299	.21047	3.9140	239.19	77.685	.19501	6.4661

Sample Name: J6305-01 Acquired: 12/15/2018 15:35:14 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-SW001-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16036	6.645	2.6530	2.7786	F<.00000
Stddev	.00136	.019	.0209	.2890	1.0081
%RSD	.84637	.2800	.78615	10.400	.87167

#1	.15940	6.632	2.6383	2.9829	-116.37
#2	.16132	6.658	2.6678	2.5742	-114.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.5	37332.	4176.7	81.100	2508.0
Stddev	5.8	461.	45.9	3.029	1.2
%RSD	.21520	1.2352	1.0989	3.7348	.04761

#1	2677.4	37006.	4209.1	83.242	2507.2
#2	2685.6	37658.	4144.2	78.958	2508.8

Sample Name: J6305-02 Acquired: 12/15/2018 15:39:18 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW002-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01337	-.00529	.25097	.00464	.07582	2.8583	1.2912	.00004
Stddev	.00003	.00171	.00012	.00286	.00004	.0396	.0265	.00004
%RSD	.25433	32.256	.04816	61.572	.05766	1.3861	2.0546	96.662

#1	.01334	-.00408	.25106	.00666	.07579	2.8303	1.2724	.00006
#2	.01339	-.00650	.25089	.00262	.07585	2.8864	1.3099	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	575.46	.01795	.00987	.52576	15.853	2.2092	69.065
Stddev	.00014	11.56	.00032	.00045	.00174	.778	.0283	1.702
%RSD	3.9307	2.0089	1.7870	4.5587	.33139	4.9047	1.2821	2.4642

#1	.00374	567.28	.01772	.00955	.52452	15.304	2.1892	67.862
#2	.00354	583.63	.01818	.01018	.52699	16.403	2.2293	70.268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06947	.00009	230.43	.04175	3.1548	29.151	.28040	7.8804
Stddev	.00074	.00008	2.70	.00075	.1423	.582	.00150	.1928
%RSD	1.0643	87.432	1.1725	1.7911	4.5104	1.9971	.53423	2.4460

#1	.06895	.00014	228.51	.04122	3.0542	28.740	.27934	7.7441
#2	.06999	.00003	232.34	.04228	3.2554	29.563	.28146	8.0167

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.36	F 29.740	-.03778	.15925	.12725	1.102	2.8216	6.9172
Stddev	.58	.448	.00130	.00192	.00022	.007	.0509	.1226
%RSD	.40797	1.5076	3.4320	1.2069	.17311	.6255	1.8053	1.7718

#1	141.94	29.423	-.03686	.15789	.12709	1.097	2.7856	6.8306
#2	142.77	30.057	-.03869	.16061	.12741	1.106	2.8576	7.0039

Sample Name: J6305-02 Acquired: 12/15/2018 15:39:18 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW002-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.6775
Stddev	.2334
%RSD	3.4953

#1	6.5125
#2	6.8426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.1	35169.	3874.1	85.429	2825.5
Stddev	12.6	237.	35.0	3.293	4.9
%RSD	.48046	.67288	.90272	3.8541	.17199

#1	2603.3	35336.	3898.8	87.757	2822.1
#2	2621.0	35002.	3849.4	83.101	2828.9

Sample Name: CCV02 Acquired: 12/15/2018 15:43:21 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0716	5.0594	5.0652	5.1062	5.0899	10.179	10.124	.25409
Stddev	.0042	.0098	.0098	.0028	.0006	.115	.011	.00241
%RSD	.08223	.19399	.19411	.05416	.01203	1.1277	.11121	.94909
#1	5.0686	5.0525	5.0583	5.1043	5.0904	10.261	10.132	.25580
#2	5.0745	5.0664	5.0722	5.1082	5.0895	10.098	10.116	.25239
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4951	25.921	1.0207	2.5021	1.2802	5.0637	2.5508	25.338
Stddev	.0006	.196	.0126	.0017	.0024	.0949	.0211	.066
%RSD	.02521	.75633	1.2385	.06840	.18630	1.8742	.82626	.26097
#1	2.4947	25.782	1.0296	2.5009	1.2785	4.9966	2.5657	25.385
#2	2.4956	26.060	1.0118	2.5033	1.2819	5.1308	2.5359	25.291
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5019	1.2795	25.069	2.5274	2.5290	25.301	5.0866	5.0127
Stddev	.0022	.0170	.043	.0231	.0281	.144	.0089	.0081
%RSD	.08666	1.3250	.17213	.91275	1.1102	.57009	.17520	.16249
#1	2.5004	1.2915	25.038	2.5438	2.5091	25.199	5.0929	5.0070
#2	2.5034	1.2675	25.099	2.5111	2.5488	25.403	5.0803	5.0185
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0036	5.1440	4.9970	5.0799	4.9410	5.020	5.1201	F 3.7734
Stddev	.0092	.0063	.0098	.0360	.0047	.002	.0183	.1752
%RSD	.18338	.12288	.19559	.70898	.09514	.0430	.35779	4.6442
#1	5.0101	5.1395	4.9901	5.0544	4.9376	5.022	5.1071	3.8973
#2	4.9971	5.1484	5.0039	5.1053	4.9443	5.019	5.1330	3.6495

Sample Name: CCV02 Acquired: 12/15/2018 15:43:21 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14346 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1805
Stddev .2909
%RSD 13.342

#1 2.3863
#2 1.9748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2952.4	40432.	4035.4	91.461	3213.1
Stddev	5.2	498.	12.3	1.038	3.1
%RSD	.17660	1.2314	.30575	1.1354	.09509

#1	2948.7	40080.	4044.1	92.195	3210.9
#2	2956.0	40784.	4026.7	90.726	3215.3

Sample Name: CCB02 Acquired: 12/15/2018 15:59:21 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	.00264	F .00583	-.00050	-.00126	-.01218	.00005
Stddev	.00148	.00050	.00109	.00322	.00086	.00869	.00050
%RSD	66.301	18.857	18.647	641.36	68.139	71.392	1104.1

#1	-.00328	.00299	.00660	.00178	-.00187	-.01832	-.00031
#2	-.00119	.00229	.00506	-.00278	-.00065	-.00603	.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00001	-.01724	.00002	-.00003	.00024	-.00998
Stddev	.00003	.00009	.00221	.00049	.00008	.00010	.00688
%RSD	129.09	609.58	12.795	2605.1	274.04	42.099	68.979

#1	-.00004	-.00005	-.01880	.00037	-.00008	.00017	-.00511
#2	-.00000	.00008	-.01568	-.00033	.00003	.00031	-.01485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.02242	.00026	.00050	.04168	-.00004	.00050
Stddev	.00002	.00639	.00043	.00036	.00257	.00017	.00003
%RSD	10.487	28.500	168.77	71.313	6.1740	451.96	6.6545

#1	.00021	-.02694	.00056	.00025	.04350	-.00016	.00052
#2	.00024	-.01790	-.00005	.00076	.03986	.00008	.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03812	.00008	.00314	.00218	.00574	-.00113	.00174
Stddev	.01378	.00004	.00213	.00126	.00120	.00058	.00075
%RSD	36.162	50.700	67.807	57.641	20.861	51.342	42.942

#1	.02837	.00011	.00465	.00129	.00658	-.00154	.00121
#2	.04786	.00005	.00163	.00307	.00489	-.00072	.00227

Sample Name: CCB02 Acquired: 12/15/2018 15:59:21 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14346 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	.0014	.00004	F 1.6532	F<.00000
Stddev	.00018	.0009	.00002	.4013	.52676
%RSD	11.128	62.71	56.028	24.273	48.483

#1	-.00147	.0020	.00005	1.9369	-1.4590
#2	-.00173	.0008	.00002	1.3694	-.71400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.7	42734.	4078.2	97.492	3662.7
Stddev	.5	328.	5.2	.412	.1
%RSD	.01663	.76640	.12705	.42309	.00309

#1	3094.0	42503.	4074.5	97.783	3662.6
#2	3093.3	42966.	4081.8	97.200	3662.7

Sample Name: PB115659BL Acquired: 12/15/2018 16:03:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00260	.00149	F .00462	.00004	-.00080	-.01312	.00024
Stddev	.00153	.00054	.00131	.00078	.00133	.00105	.00046
%RSD	58.942	36.289	28.223	1941.0	165.42	8.0008	194.93

#1	-.00368	.00188	.00555	.00059	.00014	-.01238	-.00009
#2	-.00151	.00111	.00370	-.00051	-.00175	-.01387	.00056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	-.00332	.00011	.00011	-.00019	-.00079
Stddev	.00005	.00001	.01454	.00026	.00000	.00004	.00257
%RSD	307.59	101.82	437.77	238.70	1.0983	19.574	326.58

#1	-.00005	-.00000	-.01360	-.00008	.00011	-.00021	-.00260
#2	.00002	-.00002	.00696	.00029	.00011	-.00016	.00103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.01106	.00019	-.00021	.01139	-.00005	.00011
Stddev	.00004	.03976	.00068	.00034	.00729	.00007	.00012
%RSD	19.985	359.40	358.25	158.28	63.997	131.98	107.68

#1	.00016	-.01705	.00067	.00003	.00623	-.00000	.00003
#2	.00021	.03918	-.00029	-.00045	.01654	-.00010	.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03262	-.00002	-.00293	-.00145	.00493	-.00156	-.00059
Stddev	.02185	.00009	.00032	.00171	.00005	.00019	.00015
%RSD	66.990	551.87	10.867	117.96	1.0127	12.133	25.966

#1	.01717	.00005	-.00315	-.00024	.00497	-.00142	-.00070
#2	.04807	-.00008	-.00270	-.00266	.00490	-.00169	-.00048

Sample Name: PB115659BL Acquired: 12/15/2018 16:03:26 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14346 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.0004	.00002	F 2.1161	F<.00000
Stddev	.00085	.0001	.00002	.1875	.58338
%RSD	325.97	17.64	66.289	8.8620	49.591

#1	-.00086	-.0004	.00004	2.2487	-1.5889
#2	.00034	-.0005	.00001	1.9835	-.76387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.8	42366.	4099.5	97.063	3641.6
Stddev	20.9	270.	15.2	.383	23.9
%RSD	.67761	.63846	.37076	.39461	.65652

#1	3064.1	42175.	4088.8	97.333	3624.7
#2	3093.6	42557.	4110.3	96.792	3658.5

Sample Name: PB115590BS Acquired: 12/15/2018 16:07:31 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76356	1.9646	.98072	1.9176	.79858	2.0078	.21003
Stddev	.00090	.0037	.00081	.0030	.00100	.0185	.00110
%RSD	.11820	.18623	.08293	.15704	.12547	.92218	.52197

#1	.76420	1.9620	.98014	1.9154	.79787	1.9947	.20926
#2	.76292	1.9672	.98129	1.9197	.79929	2.0209	.21081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19207	.18791	1.0874	.42390	.19899	.31896	3.0204
Stddev	.00004	.00037	.0221	.00148	.00029	.00033	.0264
%RSD	.02051	.19652	2.0349	.34884	.14595	.10254	.87426

#1	.19204	.18764	1.0718	.42494	.19878	.31919	3.0018
#2	.19210	.18817	1.1031	.42285	.19919	.31872	3.0391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21443	2.0461	.49616	.07201	3.1109	.31187	.19414
Stddev	.00047	.0568	.00012	.00141	.0064	.00095	.00259
%RSD	.21720	2.7776	.02376	1.9631	.20567	.30399	1.3320

#1	.21410	2.0863	.49607	.07301	3.1064	.31120	.19231
#2	.21476	2.0059	.49624	.07101	3.1155	.31254	.19597

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.078	.41662	.29861	F -.00237	.89960	.65292	.19932
Stddev	.084	.00040	.00670	.00138	.00060	.00283	.00080
%RSD	.83327	.09587	2.2440	58.137	.06660	.43415	.40106

#1	10.019	.41690	.30335	-.00334	.89918	.65091	.19989
#2	10.138	.41634	.29387	-.00139	.90003	.65492	.19876

Sample Name: PB115590BS Acquired: 12/15/2018 16:07:31 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19811	5.156	.20234	F 1.9951	F<.00000
Stddev	.00030	.003	.00038	.3504	.32385
%RSD	.14901	.0525	.18658	17.562	7.6949

#1	.19832	5.154	.20207	2.2428	-4.4376
#2	.19790	5.157	.20261	1.7473	-3.9796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.6	42582.	4121.0	99.571	3588.4
Stddev	18.7	159.	21.8	.902	11.5
%RSD	.60864	.37443	.52966	.90545	.32003

#1	3063.3	42469.	4105.5	100.21	3580.3
#2	3089.8	42694.	4136.4	98.933	3596.6

Sample Name: PB115593BL Acquired: 12/15/2018 16:11:23 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.00287	.00282	-.00021	-.00035	-.01001	.00007
Stddev	.00077	.00059	.00079	.00210	.00085	.00263	.00061
%RSD	71.410	20.622	27.901	1009.7	241.02	26.282	878.48

#1	-.00053	.00245	.00337	.00128	.00025	-.00815	-.00036
#2	-.00163	.00329	.00226	-.00169	-.00096	-.01187	.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00005	-.00259	.00016	-.00019	.00038	-.01676
Stddev	.00003	.00002	.01549	.00038	.00006	.00049	.00097
%RSD	103.16	40.873	597.32	239.33	30.933	128.20	5.7694

#1	-.00004	.00004	-.01354	.00043	-.00023	.00004	-.01744
#2	-.00001	.00006	.00836	-.00011	-.00015	.00072	-.01607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00921	.00058	.00023	.01346	.00004	-.00012
Stddev	.00005	.03202	.00006	.00019	.00921	.00008	.00003
%RSD	28.778	347.72	11.133	79.713	68.447	191.41	27.411

#1	.00014	.01343	.00063	.00037	.00695	-.00001	-.00014
#2	.00021	-.03185	.00053	.00010	.01998	.00010	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00962	-.00003	.00268	-.00319	.00501	-.00151	.00025
Stddev	.00335	.00010	.00274	.00221	.00143	.00077	.00129
%RSD	34.837	404.31	102.30	69.351	28.571	50.632	514.81

#1	.00725	-.00010	.00074	-.00476	.00400	-.00097	.00116
#2	.01199	.00005	.00462	-.00163	.00602	-.00205	-.00066

Sample Name: PB115593BL Acquired: 12/15/2018 16:11:23 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	.0010	.00003	F 1.1085	F<.00000
Stddev	.00013	.0011	.00004	1.4361	.28805
%RSD	6.6385	104.2	139.27	129.55	23.227

#1	-.00190	.0003	.00005	.09301	-1.4438
#2	-.00209	.0018	.00000	2.1240	-1.0364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.1	44173.	4048.4	93.242	3685.6
Stddev	5.0	2833.	116.0	3.972	12.2
%RSD	.16083	6.4136	2.8661	4.2595	.33013

#1	3101.6	46177.	4130.4	96.050	3677.0
#2	3094.5	42170.	3966.4	90.433	3694.2

Sample Name: PB115593BS Acquired: 12/15/2018 16:15:29 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73581	1.8621	.93446	1.8221	.75473	1.9510	.20653
Stddev	.00098	.0019	.00184	.0043	.00035	.0192	.00887
%RSD	.13361	.09981	.19652	.23326	.04671	.98243	4.2924

#1	.73512	1.8608	.93576	1.8191	.75448	1.9374	.20026
#2	.73651	1.8634	.93316	1.8251	.75498	1.9645	.21280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18409	.17779	1.0551	.41029	.19084	.30827	3.0723
Stddev	.00049	.00003	.0524	.00366	.00048	.00013	.1260
%RSD	.26376	.01438	4.9643	.89318	.25292	.04371	4.1023

#1	.18443	.17778	1.0180	.41288	.19118	.30818	2.9832
#2	.18374	.17781	1.0921	.40770	.19050	.30837	3.1614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20823	2.0492	.47547	.06849	3.0552	.30267	.19303
Stddev	.00017	.0427	.00025	.00003	.1193	.00085	.00659
%RSD	.07988	2.0826	.05311	.04495	3.9035	.28192	3.4153

#1	.20834	2.0190	.47529	.06847	2.9709	.30328	.18837
#2	.20811	2.0794	.47565	.06851	3.1395	.30207	.19770

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9976	.39180	.27969	F 4.2103	.86697	.61465	.19608
Stddev	.3548	.00003	.00032	.0623	.02122	.00092	.00673
%RSD	3.5488	.00838	.11483	1.4786	2.4481	.14899	3.4335

#1	9.7467	.39183	.27946	4.2543	.85196	.61529	.19132
#2	10.248	.39178	.27991	4.1663	.88198	.61400	.20084

Sample Name: PB115593BS Acquired: 12/15/2018 16:15:29 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19594	4.894	.20012	F 2.4968	F<.00000
Stddev	.00802	.020	.00663	.1078	.38960
%RSD	4.0918	.4167	3.3132	4.3183	9.1523

#1	.19027	4.908	.19543	2.5731	-4.5323
#2	.20161	4.879	.20480	2.4206	-3.9814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.6	42301.	4041.7	95.525	3593.5
Stddev	6.3	186.	118.5	3.418	1.6
%RSD	.20659	.43866	2.9320	3.5778	.04578

#1	3070.1	42170.	4125.5	97.942	3594.6
#2	3061.1	42433.	3957.9	93.108	3592.3

Sample Name: PB115594BL Acquired: 12/15/2018 16:19:20 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	.00203	.00242	.00203	-.00121	-.00923	-.00003
Stddev	.00039	.00058	.00066	.00057	.00004	.01427	.00037
%RSD	33.079	28.514	27.094	28.198	3.4633	154.67	1258.6

#1	-.00144	.00162	.00196	.00244	-.00124	-.01932	.00024
#2	-.00089	.00243	.00289	.00163	-.00118	.00086	-.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00005	.00220	.00002	.00016	.00023	-.00023
Stddev	.00001	.00001	.00807	.00016	.00005	.00011	.00819
%RSD	20.590	13.420	367.13	674.46	30.454	46.156	3532.2

#1	-.00004	.00004	-.00351	-.00009	.00013	.00030	-.00602
#2	-.00005	.00005	.00790	.00014	.00020	.00015	.00556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00478	.00033	.00008	-.00003	.00001	-.00039
Stddev	.00008	.00608	.00008	.00014	.00162	.00052	.00002
%RSD	49.266	127.19	24.650	178.57	6355.8	5268.9	4.0959

#1	.00021	-.00908	.00039	-.00002	-.00117	-.00036	-.00040
#2	.00010	-.00048	.00028	.00018	.00112	.00038	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	-.00001	-.00697	-.00350	.00157	-.00187	-.00025
Stddev	.02076	.00010	.01149	.00333	.00409	.00016	.00063
%RSD	486.50	1181.2	164.90	95.090	260.51	8.5340	249.46

#1	.01895	.00007	-.01509	-.00585	.00446	-.00198	-.00070
#2	-.01041	-.00008	.00116	-.00115	-.00132	-.00176	.00019

Sample Name: PB115594BL Acquired: 12/15/2018 16:19:20 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.0012	.00007	F 2.6518	F<.00000
Stddev	.00301	.0009	.00002	.0752	.44890
%RSD	159.53	69.33	31.485	2.8348	59.154

#1	.00024	-.0006	.00008	2.7049	-1.0763
#2	-.00401	-.0018	.00005	2.5986	-.44145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.3	42426.	4133.2	96.188	3690.5
Stddev	10.3	152.	34.6	.807	26.3
%RSD	.32842	.35842	.83767	.83928	.71195

#1	3114.1	42319.	4108.7	96.758	3672.0
#2	3128.6	42534.	4157.7	95.617	3709.1

Sample Name: PB115594BS Acquired: 12/15/2018 16:23:25 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73700	1.9001	.94063	1.8921	.75605	1.9017	.19638
Stddev	.00235	.0028	.00575	.0067	.00304	.0089	.00116
%RSD	.31823	.14546	.61125	.35271	.40274	.46515	.58986

#1	.73534	1.9020	.94470	1.8874	.75820	1.9079	.19720
#2	.73866	1.8981	.93656	1.8968	.75389	1.8954	.19556

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18968	.18092	1.0362	.39820	.18731	.30599	2.9008
Stddev	.00082	.00056	.0143	.00061	.00059	.00046	.0038
%RSD	.43245	.30793	1.3819	.15349	.31579	.14914	.13226

#1	.18910	.18131	1.0261	.39777	.18773	.30567	2.8981
#2	.19026	.18052	1.0464	.39863	.18689	.30631	2.9035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20292	1.9626	.46853	.07086	2.9003	.28990	.19204
Stddev	.00081	.0364	.00092	.00020	.0143	.00038	.00042
%RSD	.39680	1.8522	.19571	.28648	.49258	.13206	.21736

#1	.20235	1.9883	.46918	.07101	2.8902	.28963	.19175
#2	.20349	1.9369	.46788	.07072	2.9104	.29017	.19234

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5529	.38677	.27270	F -.00450	.85967	.61773	.18648
Stddev	.0354	.00047	.00856	.00154	.00838	.00054	.00291
%RSD	.37029	.12183	3.1386	34.228	.97495	.08676	1.5617

#1	9.5279	.38711	.27875	-.00558	.85374	.61735	.18442
#2	9.5779	.38644	.26665	-.00341	.86559	.61811	.18854

Sample Name: PB115594BS Acquired: 12/15/2018 16:23:25 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18775	5.010	.19061	F 2.8180	F<.00000
Stddev	.00108	.008	.00061	.0170	.95354
%RSD	.57310	.1518	.31771	.60435	26.373

#1	.18699	5.016	.19018	2.8060	-2.9414
#2	.18851	5.005	.19104	2.8301	-4.2899

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.2	41975.	4077.2	96.858	3564.6
Stddev	14.7	52.	4.0	.177	24.9
%RSD	.47790	.12315	.09791	.18251	.69805

#1	3058.8	42012.	4080.0	96.983	3547.0
#2	3079.6	41939.	4074.4	96.733	3582.2

Sample Name: PB115590BL Acquired: 12/15/2018 16:27:15 Type: Unk
Method: P4-ICP2(v2656) 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	-.00241	.00127	.00091	.00135	-.00107	-.01328	-.00003
Stddev	.00108	.00076	.00033	.00273	.00208	.00388	.00050
%RSD	45.019	59.567	35.954	202.66	195.14	29.224	1462.1

#1	-.00164	.00074	.00068	-.00058	-.00254	-.01603	-.00039
#2	-.00318	.00181	.00115	.00327	.00040	-.01054	.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00008	-.01693	.00022	-.00013	-.00001	-.00040
Stddev	.00000	.00001	.00388	.00013	.00015	.00028	.00060
%RSD	238.37	15.177	22.938	58.719	118.51	1860.9	150.70

#1	-.00000	.00007	-.01419	.00013	-.00024	-.00021	.00003
#2	.00000	.00009	-.01968	.00031	-.00002	.00018	-.00082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00370	.00021	.00015	.00112	.00045	-.00070
Stddev	.00001	.05238	.00035	.00022	.00397	.00020	.00009
%RSD	4.6589	1416.6	170.85	148.65	353.20	45.407	12.220

#1	.00015	-.03334	.00046	.00031	.00393	.00059	-.00064
#2	.00016	.04073	-.00004	-.00001	-.00168	.00030	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01642	-.00006	-.00269	-.00270	.00187	-.00200	.00055
Stddev	.03418	.00029	.00408	.00104	.00167	.00035	.00046
%RSD	208.22	511.11	151.82	38.592	89.369	17.344	83.643

#1	.00775	-.00026	-.00557	-.00197	.00305	-.00225	.00088
#2	-.04058	.00015	.00020	-.00344	.00069	-.00176	.00023

Sample Name: PB115590BL Acquired: 12/15/2018 16:27:15 Type: Unk
Method: P4-ICP2(v2656) 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	-.00274	-.0013	.00013	F 2.2373	F<.00000
Stddev	.00007	.0002	.00002	.0446	.00411
%RSD	2.3953	15.05	14.079	1.9945	.44491

#1	-.00278	-.0014	.00014	2.2689	-.92061
#2	-.00269	-.0012	.00011	2.2057	-.92642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.6	42372.	4091.0	96.800	3632.6
Stddev	6.2	17.	38.9	1.827	12.5
%RSD	.20176	.04039	.95010	1.8871	.34417

#1	3062.0	42360.	4063.5	98.092	3641.4
#2	3053.2	42384.	4118.5	95.508	3623.7

Sample Name: PB115659BS Acquired: 12/15/2018 16:31:18 Type: Unk
Method: P4-ICP2(v2656) 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	.74460	1.8814	.94798	1.8534	.77587	1.9255	.20296
Stddev	.00595	.0261	.00790	.0237	.01177	.0172	.00355
%RSD	.79852	1.3883	.83311	1.2769	1.5173	.89233	1.7470

#1	.74880	1.8999	.95356	1.8702	.78420	1.9376	.20546
#2	.74039	1.8630	.94239	1.8367	.76755	1.9133	.20045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18656	.18042	1.0682	.41139	.19322	.31017	2.9670
Stddev	.00049	.00196	.0236	.00313	.00238	.00460	.0983
%RSD	.26164	1.0882	2.2057	.76181	1.2339	1.4830	3.3113

#1	.18691	.18181	1.0848	.40918	.19490	.31342	3.0365
#2	.18622	.17903	1.0515	.41361	.19153	.30692	2.8975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20990	2.0211	.47778	.06991	2.9955	.30628	.19023
Stddev	.00033	.0743	.00628	.00049	.0724	.00038	.00639
%RSD	.15825	3.6770	1.3142	.70654	2.4166	.12311	3.3571

#1	.21014	2.0737	.48222	.06956	3.0467	.30601	.19474
#2	.20967	1.9686	.47334	.07026	2.9443	.30655	.18571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8868	.40058	.27472	F 2.3458	.86934	.62778	.19443
Stddev	.2267	.00488	.00811	.0462	.00769	.00820	.00546
%RSD	2.2928	1.2182	2.9532	1.9707	.88456	1.3068	2.8090

#1	10.047	.40403	.28046	2.3784	.87478	.63358	.19829
#2	9.7265	.39713	.26899	2.3131	.86390	.62198	.19057

Sample Name: PB115659BS Acquired: 12/15/2018 16:31:18 Type: Unk
 Method: P4-ICP2(v2656) 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	.19360	4.951	.19521	F 2.1162	F<.00000
Stddev	.00318	.077	.00339	.0618	.06436
%RSD	1.6437	1.557	1.7367	2.9200	1.6227

#1	.19585	5.005	.19761	2.0725	-3.9206
#2	.19135	4.896	.19281	2.1598	-4.0117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.7	42616.	4115.8	98.533	3596.2
Stddev	43.4	112.	51.9	3.147	54.8
%RSD	1.4191	.26307	1.2610	3.1935	1.5245

#1	3025.0	42536.	4079.1	96.308	3557.5
#2	3086.3	42695.	4152.5	100.76	3635.0

Sample Name: PB115686BL Acquired: 12/15/2018 16:35:08 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00465	.00236	.00147	.00215	-.00154	-.01650	-.00001
Stddev	.00102	.00116	.00061	.00050	.00079	.00449	.00016
%RSD	22.031	49.106	41.573	23.374	51.090	27.186	1188.6

#1	-.00392	.00318	.00104	.00179	-.00210	-.01333	.00010
#2	-.00537	.00154	.00190	.00250	-.00098	-.01968	-.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00005	-.00908	.00017	.00005	.00017	-.00530
Stddev	.00003	.00005	.00046	.00005	.00013	.00011	.00917
%RSD	129.58	89.394	5.0269	27.362	271.43	64.915	173.03

#1	.00000	-.00009	-.00940	.00020	-.00004	.00009	-.01179
#2	.00004	-.00002	-.00876	.00013	.00014	.00025	.00119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00550	-.00003	.00006	-.00384	-.00027	-.00067
Stddev	.00001	.04610	.00017	.00006	.00323	.00036	.00018
%RSD	9.2989	838.65	542.81	107.80	84.098	132.98	26.957

#1	.00016	.03809	-.00015	.00010	-.00156	-.00002	-.00054
#2	.00014	-.02710	.00009	.00001	-.00612	-.00053	-.00080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00716	.00002	-.00782	-.00216	.00385	-.00169	.00029
Stddev	.00206	.00000	.00513	.00261	.00330	.00017	.00198
%RSD	28.714	3.9479	65.636	120.76	85.522	10.366	673.05

#1	-.00571	.00002	-.01144	-.00032	.00152	-.00181	.00169
#2	-.00862	.00002	-.00419	-.00400	.00618	-.00156	-.00111

Sample Name: PB115686BL Acquired: 12/15/2018 16:35:08 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00201	-0.0003	0.00005	F 2.1031	F<0.00000
Stddev	0.00154	0.0013	0.00013	0.3368	0.03131
%RSD	76.786	463.3	277.34	16.015	2.4713

#1	-0.00092	0.0006	0.00014	1.8649	-1.2889
#2	-0.00310	-0.0012	-0.00004	2.3413	-1.2447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.3	42725.	4122.2	97.408	3693.8
Stddev	12.7	89.	6.1	0.943	18.0
%RSD	0.40787	0.20909	0.14737	0.96789	0.48842

#1	3096.4	42788.	4126.5	96.742	3681.0
#2	3114.3	42662.	4117.9	98.075	3706.5

Sample Name: PB115686BS Acquired: 12/15/2018 16:39:12 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75727	1.8833	.94986	1.8565	.77652	1.9188	.20328
Stddev	.00232	.0133	.00391	.0060	.00496	.0392	.00240
%RSD	.30673	.70849	.41185	.32182	.63857	2.0418	1.1815

#1	.75891	1.8927	.95262	1.8607	.78003	1.9465	.20158
#2	.75563	1.8739	.94709	1.8523	.77301	1.8911	.20498

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18462	.18148	1.0480	.40784	.19396	.31086	3.0297
Stddev	.00350	.00037	.0158	.00776	.00147	.00192	.0134
%RSD	1.8972	.20591	1.5038	1.9032	.75671	.61845	.44175

#1	.18709	.18175	1.0369	.41333	.19500	.31222	3.0392
#2	.18214	.18122	1.0592	.40235	.19292	.30950	3.0203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20780	1.9969	.47988	.06837	2.9908	.30209	.19423
Stddev	.00463	.0176	.00194	.00148	.0531	.00585	.00287
%RSD	2.2282	.88221	.40377	2.1580	1.7761	1.9360	1.4785

#1	.21107	1.9844	.48125	.06942	2.9533	.30623	.19626
#2	.20453	2.0093	.47851	.06733	3.0284	.29795	.19220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8114	.40249	.27722	F 2.3225	.86587	.62952	.19138
Stddev	.1420	.00223	.00449	.0181	.00700	.00375	.00332
%RSD	1.4476	.55511	1.6215	.77945	.80889	.59502	1.7330

#1	9.7109	.40407	.27404	2.3353	.86092	.63216	.18903
#2	9.9118	.40091	.28040	2.3097	.87082	.62687	.19372

Sample Name: PB115686BS Acquired: 12/15/2018 16:39:12 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19207	4.955	.19598	F 2.0492	F<.00000
Stddev	.00187	.031	.00258	.7227	.85586
%RSD	.97105	.6242	1.3190	35.264	23.480

#1	.19075	4.977	.19415	2.5602	-3.0399
#2	.19339	4.933	.19780	1.5382	-4.2502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.5	42936.	4131.3	96.871	3588.7
Stddev	24.1	921.	39.7	1.844	31.4
%RSD	.78962	2.1444	.96029	1.9039	.87474

#1	3030.5	42285.	4159.3	95.567	3566.5
#2	3064.5	43587.	4103.2	98.175	3610.9

Sample Name: CCV03 Acquired: 12/15/2018 16:43:02 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14348 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1479	5.0570	5.0968	5.1385	5.1384	10.291	10.084	.25633
Stddev	.0054	.0194	.0106	.0013	.0044	.057	.073	.00076
%RSD	.10524	.38392	.20749	.02427	.08570	.55308	.72330	.29814
#1	5.1517	5.0433	5.0894	5.1376	5.1415	10.251	10.136	.25579
#2	5.1441	5.0707	5.1043	5.1394	5.1353	10.332	10.032	.25687
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5164	25.919	1.0222	2.5210	1.2868	5.2118	2.5707	25.398
Stddev	.0040	.155	.0008	.0088	.0017	.0345	.0046	.202
%RSD	.15856	.59801	.07318	.34920	.13391	.66266	.17997	.79625
#1	2.5136	26.029	1.0227	2.5148	1.2880	5.1874	2.5740	25.541
#2	2.5192	25.809	1.0216	2.5272	1.2856	5.2363	2.5674	25.255
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5119	1.2905	24.911	2.5503	2.5841	25.217	5.1449	4.9253
Stddev	.0106	.0047	.171	.0093	.0206	.160	.0003	.0430
%RSD	.42246	.36775	.68697	.36359	.79855	.63558	.00492	.87196
#1	2.5043	1.2871	25.032	2.5569	2.5695	25.331	5.1447	4.9557
#2	2.5194	1.2939	24.790	2.5438	2.5987	25.104	5.1451	4.8950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0173	4.9746	5.0465	5.0939	4.9206	5.061	5.1004	F 3.7635
Stddev	.0230	.0280	.0089	.0285	.0299	.013	.0220	.0740
%RSD	.45902	.56273	.17592	.55955	.60758	.2504	.43038	1.9657
#1	5.0010	4.9944	5.0402	5.1141	4.9417	5.052	5.1159	3.7112
#2	5.0336	4.9548	5.0528	5.0737	4.8994	5.070	5.0849	3.8158

Sample Name: CCV03 Acquired: 12/15/2018 16:43:02 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14348 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3288
Stddev	.6605
%RSD	49.709

#1	1.7958
#2	.86171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.4	40473.	4081.6	90.390	3215.0
Stddev	9.9	2.	44.6	.404	3.3
%RSD	.33616	.00513	1.0923	.44650	.10203

#1	2939.4	40471.	4050.0	90.675	3212.7
#2	2953.4	40474.	4113.1	90.104	3217.4

Sample Name: CCB03 Acquired: 12/15/2018 16:46:47 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14348 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00226	.00178	.00164	-.00028	-.00636	.00022
Stddev	.00172	.00037	.00033	.00147	.00063	.01582	.00022
%RSD	296.00	16.391	18.496	89.373	224.61	248.71	102.84

#1	.00064	.00252	.00201	.00268	-.00072	.00483	.00038
#2	-.00180	.00200	.00154	.00060	.00016	-.01755	.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00001	.00045	.00003	-.00011	.00013	-.00273
Stddev	.00001	.00004	.01734	.00018	.00006	.00014	.01908
%RSD	374.56	294.69	3849.7	629.01	49.469	113.27	698.83

#1	-.00000	.00001	.01271	.00016	-.00015	.00003	.01076
#2	.00001	-.00004	-.01181	-.00010	-.00007	.00023	-.01623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00645	.00030	.00020	-.00431	-.00032	-.00063
Stddev	.00002	.00477	.00024	.00056	.00477	.00028	.00011
%RSD	14.269	73.941	79.328	278.09	110.63	87.109	17.360

#1	.00010	.00308	.00013	-.00019	-.00769	-.00012	-.00070
#2	.00012	.00982	.00046	.00059	-.00094	-.00052	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02197	.00044	.00314	-.00556	.00555	-.00098	.00113
Stddev	.03552	.00008	.00662	.00169	.00158	.00039	.00061
%RSD	161.70	18.449	210.86	30.321	28.423	39.920	54.446

#1	-.00315	.00050	.00782	-.00437	.00667	-.00126	.00156
#2	.04708	.00038	-.00154	-.00676	.00444	-.00070	.00069

Sample Name: CCB03 Acquired: 12/15/2018 16:46:47 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14348 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.0002	.00011	F 2.2111	F<.00000
Stddev	.00085	.0002	.00005	.3573	.71450
%RSD	226.11	98.45	47.510	16.159	70.080

#1	.00023	-.0001	.00007	2.4638	-.51433
#2	-.00098	-.0003	.00014	1.9585	-1.5248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.4	42470.	4097.0	95.433	3670.6
Stddev	1.8	160.	16.2	1.803	7.8
%RSD	.05735	.37769	.39468	1.8894	.21342

#1	3082.7	42357.	4085.6	94.158	3676.2
#2	3080.2	42584.	4108.5	96.708	3665.1

Sample Name: PB115685BL Acquired: 12/15/2018 16:50:52 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	.00053	.00078	.00141	-.00126	-.01012	-.00021
Stddev	.00083	.00132	.00083	.00214	.00128	.01750	.00026
%RSD	43.048	247.66	105.79	151.55	101.31	172.88	122.11

#1	-.00134	.00147	.00020	-.00010	-.00036	.00225	-.00039
#2	-.00251	-.00040	.00137	.00292	-.00216	-.02250	-.00003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00000	.01275	.00050	-.00003	.00035	-.00582
Stddev	.00002	.00001	.00488	.00027	.00026	.00029	.00193
%RSD	151.97	436.41	38.282	53.229	980.77	81.511	33.207

#1	.00000	-.00001	.00930	.00031	-.00021	.00055	-.00445
#2	-.00003	.00001	.01620	.00069	.00016	.00015	-.00719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00404	.00003	.00003	-.01093	-.00048	-.00084
Stddev	.00005	.02949	.00006	.00014	.00523	.00059	.00015
%RSD	44.435	730.12	164.56	391.74	47.815	121.80	17.685

#1	.00014	.01681	-.00001	.00013	-.00723	-.00090	-.00073
#2	.00007	-.02489	.00008	-.00006	-.01462	-.00007	-.00094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01258	.00005	-.00139	-.00786	.00373	-.00056	.00108
Stddev	.00749	.00003	.00171	.00219	.00358	.00022	.00022
%RSD	59.525	74.308	123.19	27.881	96.022	39.721	20.787

#1	-.01787	.00002	-.00018	-.00941	.00120	-.00040	.00092
#2	-.00728	.00007	-.00260	-.00631	.00626	-.00071	.00124

Sample Name: PB115685BL Acquired: 12/15/2018 16:50:52 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00209	-0.0005	0.00003	F 2.8715	F<0.00000
Stddev	0.00094	0.0009	0.00017	0.1352	0.08390
%RSD	45.025	186.7	494.46	4.7075	10.735

#1	-0.00143	-0.0011	0.00015	2.9671	-0.84088
#2	-0.00276	0.0002	-0.00008	2.7759	-0.72223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.2	41892.	4077.6	95.038	3636.3
Stddev	16.3	97.	17.8	0.289	25.4
%RSD	0.53420	0.23205	0.43535	0.30381	0.69931

#1	3035.7	41823.	4065.0	94.833	3618.3
#2	3058.7	41961.	4090.1	95.242	3654.3

Sample Name: PB115685BS Acquired: 12/15/2018 16:54:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76457	1.9035	.96371	1.8913	.78668	1.9980	.20676
Stddev	.00227	.0127	.00495	.0006	.00202	.0128	.00007
%RSD	.29659	.66513	.51344	.03113	.25714	.64226	.03438

#1	.76618	1.8946	.96021	1.8909	.78525	1.9889	.20681
#2	.76297	1.9125	.96721	1.8917	.78811	2.0071	.20671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18928	.18355	1.0915	.41453	.19535	.31354	3.1410
Stddev	.00196	.00141	.0023	.00470	.00181	.00002	.0765
%RSD	1.0370	.76828	.21103	1.1329	.92505	.00519	2.4357

#1	.18790	.18255	1.0899	.41121	.19407	.31353	3.1951
#2	.19067	.18454	1.0931	.41785	.19663	.31355	3.0869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21082	2.0723	.48304	.07060	3.0237	.30564	.20097
Stddev	.00228	.0422	.00318	.00121	.0097	.00407	.00447
%RSD	1.0815	2.0372	.65825	1.7091	.32155	1.3319	2.2240

#1	.20921	2.1022	.48079	.06974	3.0168	.30276	.20413
#2	.21243	2.0425	.48528	.07145	3.0306	.30852	.19781

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.040	.40636	.29227	F 1.6448	.88278	.63889	.19837
Stddev	.002	.00032	.00399	.0233	.00939	.00538	.00500
%RSD	.01739	.07948	1.3644	1.4193	1.0636	.84160	2.5201

#1	10.042	.40659	.29509	1.6613	.87614	.63509	.19483
#2	10.039	.40613	.28945	1.6283	.88942	.64269	.20190

Sample Name: PB115685BS Acquired: 12/15/2018 16:54:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19599	F 5.038	.20022	F 3.0108	F<.00000
Stddev	.00166	.015	.00060	.2432	.26562
%RSD	.84550	.3021	.29900	8.0770	6.4590

#1	.19716	5.027	.19980	2.8389	-4.3002
#2	.19482	5.049	.20064	3.1828	-3.9245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.5	41788.	4064.7	93.588	3535.5
Stddev	5.8	371.	23.0	2.304	9.7
%RSD	.19351	.88687	.56561	2.4619	.27554

#1	2999.4	42050.	4081.0	91.958	3542.4
#2	3007.6	41526.	4048.5	95.217	3528.6

Sample Name: PB115678BL Acquired: 12/15/2018 16:58:49 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	.00150	.00009	.00108	-.00037	-.00619	.00052
Stddev	.00113	.00058	.00051	.00397	.00003	.00463	.00016
%RSD	62.384	38.493	544.84	366.12	8.8079	74.744	30.880

#1	-.00261	.00109	.00045	.00389	-.00035	-.00292	.00063
#2	-.00101	.00191	-.00027	-.00172	-.00039	-.00947	.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00002	-.01754	.00011	.00017	.00050	-.00865
Stddev	.00001	.00002	.01826	.00037	.00010	.00012	.01893
%RSD	18.407	79.977	104.07	334.53	61.625	23.572	218.86

#1	.00005	-.00004	-.00463	-.00015	.00024	.00058	-.02204
#2	.00007	-.00001	-.03045	.00038	.00010	.00042	.00474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00107	-.00001	.00023	-.01107	-.00015	-.00101
Stddev	.00002	.01740	.00050	.00010	.00682	.00036	.00003
%RSD	36.918	1619.3	7111.4	44.272	61.625	247.92	3.1725

#1	.00008	.01123	-.00036	.00016	-.01589	-.00040	-.00103
#2	.00005	-.01338	.00034	.00030	-.00624	.00011	-.00098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02294	-.00025	.00176	-.00479	.00255	-.00144	.00027
Stddev	.00301	.00019	.00122	.00096	.00283	.00040	.00177
%RSD	13.126	73.329	69.507	20.056	111.04	27.567	664.18

#1	.02507	-.00038	.00263	-.00547	.00055	-.00116	.00152
#2	.02081	-.00012	.00090	-.00411	.00455	-.00172	-.00098

Sample Name: PB115678BL Acquired: 12/15/2018 16:58:49 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00291	-0.0004	-0.00006	F 2.4213	F<.00000
Stddev	.00098	.0010	.00000	.0088	.08442
%RSD	33.636	275.0	3.6675	.36413	8.2120

#1	-0.00222	-0.0010	-0.00005	2.4150	-1.0877
#2	-0.00360	.0003	-0.00006	2.4275	-.96830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.7	42141.	4100.7	95.138	3629.7
Stddev	.5	131.	18.1	.147	18.4
%RSD	.01744	.31122	.44144	.15484	.50782

#1	3048.1	42049.	4087.9	95.033	3616.7
#2	3047.4	42234.	4113.5	95.242	3642.8

Sample Name: PB115678BS Acquired: 12/15/2018 17:02:55 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75566	1.8882	.95152	1.8672	.77996	1.9540	.20405
Stddev	.00625	.0017	.00088	.0060	.00364	.0010	.00125
%RSD	.82760	.08947	.09215	.32138	.46725	.04960	.61049

#1	.76008	1.8870	.95214	1.8714	.78253	1.9547	.20493
#2	.75124	1.8894	.95090	1.8629	.77738	1.9533	.20317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18935	.18163	1.0465	.40614	.19270	.30963	3.0086
Stddev	.00025	.00049	.0006	.00178	.00009	.00026	.0271
%RSD	.12952	.27020	.05739	.43742	.04893	.08359	.89896

#1	.18918	.18129	1.0469	.40739	.19264	.30981	2.9895
#2	.18953	.18198	1.0461	.40488	.19277	.30945	3.0277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20881	2.0370	.47524	.07028	2.9861	.30221	.19428
Stddev	.00001	.0263	.00071	.00036	.0140	.00077	.00166
%RSD	.00665	1.2935	.14850	.51888	.46936	.25601	.85444

#1	.20880	2.0556	.47475	.07002	2.9762	.30276	.19311
#2	.20882	2.0183	.47574	.07054	2.9960	.30166	.19545

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9344	.40119	.27572	F 1.1890	.87768	.62820	.19672
Stddev	.0227	.00196	.00323	.0503	.00100	.00064	.00039
%RSD	.22813	.48763	1.1704	4.2265	.11350	.10218	.19640

#1	9.9504	.40258	.27344	1.2245	.87838	.62865	.19645
#2	9.9184	.39981	.27800	1.1535	.87697	.62774	.19700

Sample Name: PB115678BS Acquired: 12/15/2018 17:02:55 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19229	4.985	.19697	F 2.5706	F<.00000
Stddev	.00073	.012	.00044	.0651	.36281
%RSD	.37919	.2446	.22286	2.5338	8.5383

#1	.19280	4.977	.19728	2.6166	-4.5058
#2	.19177	4.994	.19666	2.5245	-3.9927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3000.9	41941.	4055.5	95.663	3533.2
Stddev	15.0	69.	3.2	.466	11.5
%RSD	.50103	.16523	.07973	.48662	.32593

#1	2990.2	41990.	4053.2	95.992	3525.1
#2	3011.5	41892.	4057.8	95.333	3541.4

Sample Name: PB115696BL Acquired: 12/15/2018 17:06:47 Type: Unk
Method: P4-ICP2(v2656) 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	-.00516	.00255	-.00024	.00126	-.00138	-.01115	-.00064
Stddev	.00159	.00044	.00045	.00504	.00062	.01216	.00039
%RSD	30.867	17.121	184.43	400.25	44.482	109.09	61.200

#1	-.00404	.00285	-.00056	.00482	-.00182	-.01974	-.00036
#2	-.00629	.00224	.00007	-.00230	-.00095	-.00255	-.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00001	-.00621	-.00007	-.00006	-.00001	.00234
Stddev	.00003	.00003	.03193	.00013	.00006	.00013	.00201
%RSD	40.964	205.90	514.23	176.17	112.03	1874.9	85.755

#1	.00004	.00001	.01637	-.00016	-.00010	.00008	.00092
#2	.00008	-.00003	-.02879	.00002	-.00001	-.00010	.00376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.04546	.00011	.00088	-.01826	-.00005	-.00100
Stddev	.00004	.02861	.00021	.00031	.00343	.00019	.00009
%RSD	50.599	62.942	183.86	35.156	18.798	347.13	9.4451

#1	.00006	-.06569	-.00003	.00066	-.02069	-.00019	-.00093
#2	.00012	-.02523	.00026	.00110	-.01583	.00008	-.00107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00679	-.00016	-.00731	-.00485	.00134	-.00114	-.00052
Stddev	.02981	.00012	.00140	.00135	.00211	.00049	.00001
%RSD	439.08	76.156	19.151	27.794	157.95	42.844	2.3542

#1	.01429	-.00007	-.00830	-.00389	.00283	-.00079	-.00051
#2	-.02787	-.00025	-.00632	-.00580	-.00016	-.00148	-.00053

Sample Name: PB115696BL Acquired: 12/15/2018 17:06:47 Type: Unk
 Method: P4-ICP2(v2656) 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	-0.00276	-0.0020	-0.00003	F 2.7296	F<.00000
Stddev	.00048	.0014	.00006	.1708	.27848
%RSD	17.255	69.87	211.53	6.2577	18.354

#1	-0.00310	-0.0010	.00001	2.8504	-1.7142
#2	-0.00243	-0.0029	-0.00007	2.6088	-1.3204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.0	42077.	4069.1	96.150	3630.4
Stddev	4.4	67.	22.5	.837	2.5
%RSD	.14581	.16038	.55189	.87025	.06855

#1	3037.8	42029.	4053.3	95.558	3628.6
#2	3044.1	42125.	4085.0	96.742	3632.2

Sample Name: PB115696BS Acquired: 12/15/2018 17:10:53 Type: Unk
Method: P4-ICP2(v2656) 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	.77202	1.9469	.96682	1.9586	.77475	1.9758	.20415
Stddev	.00392	.0095	.00157	.0043	.00422	.0085	.00054
%RSD	.50802	.48540	.16243	.22065	.54468	.42811	.26575

#1	.76925	1.9402	.96571	1.9556	.77176	1.9818	.20453
#2	.77479	1.9536	.96794	1.9617	.77773	1.9698	.20376

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19815	.18708	1.0293	.40901	.19345	.31593	2.9596
Stddev	.00057	.00073	.0063	.00090	.00009	.00103	.0241
%RSD	.28750	.38812	.61143	.22085	.04450	.32618	.81358

#1	.19855	.18657	1.0338	.40837	.19338	.31520	2.9426
#2	.19774	.18760	1.0249	.40965	.19351	.31665	2.9767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20907	2.0498	.48100	.07309	2.9775	.30012	.19506
Stddev	.00051	.0153	.00202	.00022	.0008	.00082	.00266
%RSD	.24243	.74803	.41913	.29776	.02615	.27452	1.3662

#1	.20942	2.0390	.47958	.07294	2.9781	.30071	.19317
#2	.20871	2.0606	.48243	.07325	2.9770	.29954	.19694

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9575	.39671	.27253	F -.00961	.88096	.62905	.18949
Stddev	.0766	.00240	.00458	.00047	.00762	.00386	.00405
%RSD	.76949	.60421	1.6791	4.8859	.86466	.61333	2.1357

#1	10.012	.39501	.26929	-.00928	.88634	.62633	.19235
#2	9.9033	.39840	.27576	-.00995	.87557	.63178	.18663

Sample Name: PB115696BS Acquired: 12/15/2018 17:10:53 Type: Unk
 Method: P4-ICP2(v2656) 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	.19199	5.151	.19711	F 3.0509	F<.00000
Stddev	.00223	.020	.00106	.1455	.61213
%RSD	1.1630	.3952	.53581	4.7689	16.544

#1	.19357	5.137	.19786	2.9480	-3.2672
#2	.19041	5.165	.19636	3.1538	-4.1328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.0	41620.	4060.6	97.400	3543.4
Stddev	2.1	104.	23.4	.978	2.6
%RSD	.07052	.25016	.57750	1.0043	.07336

#1	3034.6	41546.	4044.0	98.092	3545.2
#2	3031.5	41693.	4077.2	96.708	3541.6

Sample Name: PB115696TB Acquired: 12/15/2018 17:14:43 Type: Unk
Method: P4-ICP2(v2656) 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	-.00666	-.00134	-.00106	.00234	.00059	-.01045	-.00089	-.00008
Stddev	.00151	.00036	.00002	.00201	.00105	.00337	.00022	.00007
%RSD	22.703	27.012	2.1969	85.762	177.18	32.203	24.906	94.802

#1	-.00559	-.00109	-.00108	.00376	.00134	-.00807	-.00073	-.00003
#2	-.00773	-.00160	-.00105	.00092	-.00015	-.01284	-.00104	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01130	.00063	-.00006	-.00026	.00174	-.00003	-.02335
Stddev	.00005	.00482	.00042	.00024	.00038	.00360	.00001	.06506
%RSD	38.563	42.668	66.818	410.95	146.09	206.96	27.896	278.61

#1	-.00010	.01471	.00093	-.00023	.00001	.00428	-.00003	.02265
#2	-.00017	.00789	.00033	.00011	-.00053	-.00081	-.00004	-.06935

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	.00239	F 310.38	.00028	.00010	.08439	.00011	-.00630
Stddev	.00040	.00015	4.30	.00049	.00001	.02512	.00006	.00657
%RSD	15.850	6.4641	1.3856	178.47	7.3090	29.766	60.497	104.19

#1	.00223	.00250	313.42	.00062	.00011	.06663	.00015	-.00166
#2	.00279	.00228	307.34	-.00007	.00010	.10216	.00006	-.01095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	.00830	-.00117	.00099	-.00040	-.0025	.00010	F 4.7079
Stddev	.00010	.00137	.00039	.00072	.00009	.0000	.00002	.2283
%RSD	3.3968	16.492	33.683	72.704	22.711	1.562	16.322	4.8498

#1	.00279	.00926	-.00145	.00048	-.00034	-.0026	.00009	4.8694
#2	.00293	.00733	-.00089	.00150	-.00046	-.0025	.00011	4.5465

Sample Name: PB115696TB Acquired: 12/15/2018 17:14:43 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .16744
Stddev	.39497
%RSD	235.89

#1	-.11185
#2	.44673

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.5	38836.	4070.6	94.271	3121.0
Stddev	17.4	215.	37.0	1.397	22.5
%RSD	.61602	.55442	.90859	1.4814	.72061

#1	2836.8	38684.	4044.4	93.283	3136.9
#2	2812.2	38989.	4096.7	95.258	3105.1

Sample Name: J6353-01 Acquired: 12/15/2018 17:18:53 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS001-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00494	-.05140	3.0634	.11189	.02750	437.02	2.7509	.00491
Stddev	.00071	.00073	.0267	.00864	.00306	.49	.0100	.00024
%RSD	14.314	1.4158	.87040	7.7223	11.136	.11133	.36342	4.9123
#1	-.00544	-.05191	3.0446	.10578	.02533	437.36	2.7579	.00474
#2	-.00444	-.05089	3.0823	.11800	.02966	436.68	2.7438	.00508
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02094	1104.2	.47966	.36371	1.9507	758.81	9.8494	260.53
Stddev	.00049	7.1	.00237	.00349	.0181	12.34	.0378	.51
%RSD	2.3408	.64410	.49373	.95995	.92593	1.6258	.38409	.19684
#1	.02129	1109.2	.48133	.36125	1.9379	750.08	9.8227	260.89
#2	.02060	1099.2	.47799	.36618	1.9635	767.53	9.8762	260.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67994	.01986	19.792	1.6278	10.085	4.8377	.01765	.65621
Stddev	.00672	.00183	.118	.0034	.116	.0251	.00012	.02465
%RSD	.98779	9.1984	.59457	.21169	1.1520	.51994	.66484	3.7557
#1	.67519	.01856	19.876	1.6253	10.003	4.8555	.01773	.63878
#2	.68469	.02115	19.709	1.6302	10.167	4.8199	.01756	.67364
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.837	6.3293	.14014	F 16.445	.15288	F 10.30	.96780	<.00000
Stddev	.134	.0089	.00007	.022	.00009	.07	.01217	.00853
%RSD	1.2389	.14047	.04956	.13539	.05706	.7006	1.2576	.33446
#1	10.743	6.3356	.14019	16.430	.15294	10.25	.97641	-2.5430
#2	10.932	6.3231	.14009	16.461	.15282	10.35	.95920	-2.5551

Sample Name: J6353-01 Acquired: 12/15/2018 17:18:53 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS001-0 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	2828.7	39271.	4522.1	75.837	2334.8
Stddev	25.2	139.	11.7	.887	23.0
%RSD	.89009	.35415	.25893	1.1697	.98583
#1	2846.5	39172.	4513.8	76.464	2351.1
#2	2810.9	39369.	4530.4	75.209	2318.6

Sample Name: J6353-01DUP Acquired: 12/15/2018 17:22:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS001-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00864	-.04665	2.8571	.11230	.02376	435.92	2.7585	.00500
Stddev	.00084	.00406	.0053	.00529	.00306	2.89	.0232	.00002
%RSD	9.7460	8.7040	.18476	4.7089	12.861	.66399	.83977	.41284

#1	-.00805	-.04378	2.8533	.11604	.02160	433.88	2.7749	.00498
#2	-.00924	-.04953	2.8608	.10857	.02592	437.97	2.7422	.00501

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02057	1059.8	.47223	.36422	2.0077	762.41	9.8475	261.01
Stddev	.00202	.8	.00415	.00091	.0045	20.08	.0004	2.15
%RSD	9.8044	.07080	.87911	.24999	.22475	2.6335	.00362	.82501

#1	.01914	1060.3	.46929	.36486	2.0045	776.61	9.8473	262.53
#2	.02199	1059.3	.47516	.36358	2.0109	748.21	9.8478	259.49

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67850	.01922	19.867	1.6242	10.119	4.8412	.01849	.65253
Stddev	.00119	.00384	.145	.0107	.265	.0224	.00007	.04064
%RSD	.17496	19.960	.73027	.65820	2.6166	.46310	.36598	6.2274

#1	.67934	.02193	19.970	1.6166	10.306	4.8571	.01854	.68126
#2	.67766	.01650	19.764	1.6318	9.9320	4.8254	.01845	.62380

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.305	6.2843	.13963	F 16.510	.15173	F 10.29	.94941	<.00000
Stddev	.023	.0130	.00264	.149	.00210	.01	.00863	.17735
%RSD	.22520	.20659	1.8887	.90052	1.3823	.0955	.90904	6.3922

#1	10.321	6.2935	.13777	16.615	.15321	10.28	.94331	-2.8999
#2	10.288	6.2752	.14150	16.405	.15025	10.30	.95551	-2.6491

Sample Name: J6353-01DUP Acquired: 12/15/2018 17:22:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS001-0 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	2829.5	39353.	4521.1	75.679	2342.8
Stddev	3.9	201.	38.4	2.026	1.2
%RSD	.13869	.51178	.84874	2.6777	.05004
#1	2826.7	39496.	4494.0	74.246	2342.0
#2	2832.3	39211.	4548.3	77.112	2343.6

Sample Name: CCV04 Acquired: 12/15/2018 17:27:04 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14354 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2350	5.0977	5.1446	5.2287	5.2208	10.636	10.124	.26391
Stddev	.0286	.0352	.0430	.0529	.0574	.314	.041	.00829
%RSD	.54551	.69084	.83599	1.0127	1.0999	2.9557	.40909	3.1425
#1	5.2552	5.1226	5.1751	5.2662	5.2614	10.413	10.153	.25805
#2	5.2148	5.0728	5.1142	5.1913	5.1802	10.858	10.095	.26978
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5325	26.078	1.0576	2.5489	1.3039	5.0514	2.6484	25.330
Stddev	.0190	.085	.0379	.0204	.0088	.0719	.0883	.073
%RSD	.74924	.32519	3.5848	.80045	.67709	1.4236	3.3361	.28670
#1	2.5459	26.018	1.0308	2.5634	1.3101	5.1022	2.5859	25.381
#2	2.5190	26.138	1.0844	2.5345	1.2976	5.0005	2.7109	25.279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5321	1.3404	24.811	2.6191	2.4913	25.291	5.2094	4.9298
Stddev	.0244	.0457	.042	.0812	.0343	.113	.0325	.0259
%RSD	.96366	3.4090	.17114	3.0993	1.3783	.44855	.62375	.52427
#1	2.5493	1.3081	24.841	2.5617	2.5156	25.372	5.2324	4.9481
#2	2.5148	1.3727	24.781	2.6765	2.4670	25.211	5.1865	4.9115
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0974	5.0429	5.0997	5.1492	4.9289	5.111	5.1642	5.2692
Stddev	.0342	.0046	.0316	.0144	.0132	.037	.0088	.7603
%RSD	.67096	.09176	.62027	.28038	.26720	.7154	.17113	14.429
#1	5.1216	5.0462	5.1221	5.1594	4.9382	5.137	5.1705	4.7316
#2	5.0732	5.0396	5.0773	5.1390	4.9196	5.085	5.1580	5.8068

Sample Name: CCV04 Acquired: 12/15/2018 17:27:04 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14354 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6289
Stddev	.6374
%RSD	39.129

#1	1.1782
#2	2.0796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.5	38715.	4015.7	92.128	3130.7
Stddev	21.3	1203.	5.7	1.269	27.1
%RSD	.74518	3.1071	.14260	1.3772	.86611

#1	2844.5	39565.	4011.6	91.231	3111.5
#2	2874.6	37864.	4019.7	93.025	3149.9

Sample Name: CCB04 Acquired: 12/15/2018 17:30:49 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14354 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	.00234	.00266	-.00038	-.00215	-.00076	-.00048
Stddev	.00069	.00002	.00046	.00280	.00139	.00267	.00092
%RSD	62.145	.88652	17.373	731.07	64.831	349.18	194.60

#1	-.00063	.00235	.00298	-.00236	-.00116	-.00265	.00018
#2	-.00161	.00232	.00233	.00160	-.00313	.00112	-.00113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00003	.00381	.00029	.00026	-.00010	.00060
Stddev	.00004	.00000	.00831	.00033	.00003	.00025	.00052
%RSD	94.131	1.2749	218.07	113.94	11.133	247.54	87.226

#1	-.00001	-.00003	-.00207	.00006	.00028	.00008	.00023
#2	-.00006	-.00003	.00969	.00053	.00024	-.00028	.00096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00865	.00013	.00038	-.01513	-.00016	.00059
Stddev	.00003	.06548	.00017	.00021	.00090	.00010	.00031
%RSD	21.817	756.87	134.59	54.146	5.9160	65.377	52.865

#1	.00010	-.05495	.00001	.00023	-.01450	-.00009	.00081
#2	.00014	.03765	.00025	.00053	-.01577	-.00023	.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02040	.00028	.00036	-.00358	.00581	-.00085	.00006
Stddev	.01453	.00039	.00799	.00032	.00011	.00059	.00035
%RSD	71.205	139.12	2194.6	8.8859	1.9775	69.687	556.29

#1	.01013	.00055	-.00529	-.00335	.00589	-.00043	-.00019
#2	.03067	.00000	.00601	-.00380	.00573	-.00126	.00031

Sample Name: CCB04 Acquired: 12/15/2018 17:30:49 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14354 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.0012	.00009	F 3.1507	F<.00000
Stddev	.00028	.0002	.00003	.0863	.42485
%RSD	21.160	17.17	33.887	2.7393	37.034

#1	-.00152	-.0010	.00011	3.2117	-1.4476
#2	-.00113	-.0013	.00007	3.0897	-.84677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2997.8	41395.	4100.3	96.254	3592.7
Stddev	8.7	198.	41.9	3.530	9.4
%RSD	.28887	.47749	1.0214	3.6670	.26194

#1	3004.0	41255.	4070.7	93.758	3586.0
#2	2991.7	41534.	4129.9	98.750	3599.3

Sample Name: J6353-01LX5 Acquired: 12/15/2018 17:34:54 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00692	-.00645	.65395	.01899	.00322	90.106	.62067
Stddev	.00140	.00288	.00013	.00090	.00140	.588	.00071
%RSD	20.307	44.757	.01939	4.7205	43.506	.65247	.11404

#1	-.00791	-.00849	.65404	.01962	.00223	89.690	.62017
#2	-.00592	-.00441	.65386	.01835	.00421	90.521	.62117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	.00086	269.17	.11462	.07023	.48712	148.85
Stddev	.00010	.00028	1.25	.00083	.00006	.00360	.81
%RSD	10.070	32.900	.46581	.72301	.08914	.73905	.54678

#1	.00096	.00105	268.28	.11403	.07019	.48966	148.27
#2	.00111	.00066	270.06	.11520	.07028	.48457	149.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4190	61.277	.12688	.00197	4.2720	.37819	2.0555
Stddev	.0155	.040	.00035	.00075	.0168	.00221	.0046
%RSD	.64014	.06598	.27624	37.978	.39247	.58379	.22365

#1	2.4081	61.305	.12713	.00144	4.2602	.37663	2.0523
#2	2.4300	61.248	.12663	.00250	4.2839	.37975	2.0588

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0139	.00394	.10929	1.9784	1.5411	.02675	3.8398
Stddev	.0235	.00038	.01225	.0056	.0004	.00133	.0143
%RSD	2.3143	9.6375	11.209	.28482	.02578	4.9683	.37286

#1	.99735	.00367	.10063	1.9824	1.5414	.02769	3.8297
#2	1.0305	.00421	.11795	1.9745	1.5409	.02581	3.8500

Sample Name: J6353-01LX5 Acquired: 12/15/2018 17:34:54 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03247	1.842	.25143	3.8284	F<.00000
Stddev	.00003	.007	.00017	.0654	.12014
%RSD	.10160	.4085	.06645	1.7087	.37966
#1	.03245	1.837	.25132	3.7821	-31.559
#2	.03250	1.848	.25155	3.8746	-31.729
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.0	38747.	4092.2	86.961	2922.6
Stddev	10.8	169.	1.2	.064	4.8
%RSD	.38744	.43606	.02865	.07412	.16292
#1	2781.4	38867.	4091.3	86.915	2919.3
#2	2796.7	38628.	4093.0	87.006	2926.0

Sample Name: J6353-02 Acquired: 12/15/2018 17:38:48 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6353-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72383	1.9435	2.8514	1.9066	.14723	482.33	3.1278	.20094
Stddev	.00270	.0082	.0018	.0065	.00310	2.77	.0063	.00066
%RSD	.37339	.42114	.06331	.34004	2.1041	.57404	.20196	.32869
#1	.72192	1.9493	2.8501	1.9112	.14942	484.29	3.1234	.20141
#2	.72575	1.9378	2.8527	1.9020	.14504	480.37	3.1323	.20048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22980	806.43	.70672	.60957	2.2975	807.40	10.817	285.80
Stddev	.00198	1.62	.00119	.00136	.0204	15.27	.059	.54
%RSD	.86022	.20121	.16797	.22296	.88738	1.8908	.54933	.18892
#1	.22840	805.28	.70756	.60861	2.2831	818.19	10.859	285.41
#2	.23120	807.58	.70588	.61054	2.3119	796.60	10.775	286.18
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2531	.09626	26.954	1.9556	12.398	14.622	.33904	.99451
Stddev	.0007	.00143	.082	.0004	.213	.032	.00244	.02864
%RSD	.05699	1.4854	.30530	.01886	1.7151	.21710	.71993	2.8799
#1	1.2526	.09727	26.896	1.9559	12.548	14.644	.33731	1.0148
#2	1.2536	.09525	27.013	1.9554	12.248	14.599	.34077	.97426
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2416	5.3694	.75341	F 17.941	.35728	F 17.59	1.0670	<.00000
Stddev	.0198	.0408	.00146	.039	.00131	.01	.0203	.11752
%RSD	.24009	.76025	.19358	.21867	.36622	.0586	1.9064	3.7175
#1	8.2276	5.3405	.75445	17.914	.35820	17.60	1.0526	-3.0780
#2	8.2556	5.3982	.75238	17.969	.35635	17.58	1.0814	-3.2442

Sample Name: J6353-02 Acquired: 12/15/2018 17:38:48 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6353-01MS 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	2817.7	39595.	4462.7	73.084	2354.0
Stddev	17.8	210.	14.9	1.322	.9
%RSD	.63341	.53002	.33469	1.8088	.03773
#1	2830.3	39446.	4473.3	72.149	2354.6
#2	2805.1	39743.	4452.2	74.019	2353.4

Sample Name: J6353-03 Acquired: 12/15/2018 17:42:46 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6353-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71646	1.9506	2.8242	1.8906	.14280	485.40	3.1441	.20133
Stddev	.00338	.0006	.0080	.0171	.00177	2.23	.0242	.00006
%RSD	.47232	.03162	.28417	.90599	1.2407	.46012	.76856	.03073
#1	.71407	1.9501	2.8186	1.8785	.14154	483.82	3.1611	.20129
#2	.71886	1.9510	2.8299	1.9028	.14405	486.98	3.1270	.20138
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23445	805.62	.70386	.61387	2.2956	769.74	10.813	290.58
Stddev	.00281	3.19	.00148	.00333	.0233	4.55	.010	1.93
%RSD	1.1995	.39655	.21087	.54184	1.0153	.59139	.09364	.66298
#1	.23246	807.88	.70281	.61152	2.2791	772.96	10.820	291.94
#2	.23643	803.36	.70491	.61622	2.3121	766.52	10.806	289.22
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2617	.09238	27.144	1.9601	11.853	14.682	.34066	.92538
Stddev	.0079	.00041	.204	.0074	.106	.069	.00242	.00674
%RSD	.62698	.44059	.75232	.37537	.89053	.47150	.71142	.72863
#1	1.2561	.09267	27.288	1.9549	11.927	14.731	.33895	.93014
#2	1.2673	.09209	27.000	1.9653	11.778	14.633	.34238	.92061
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2684	5.2409	.75647	F 18.038	.36054	F 17.51	1.1189	<.00000
Stddev	.0437	.0635	.00782	.074	.00028	.12	.0041	.05411
%RSD	.52870	1.2126	1.0341	.41232	.07855	.6840	.36654	1.8167
#1	8.2375	5.2859	.75094	18.091	.36074	17.43	1.1218	-3.0169
#2	8.2993	5.1960	.76200	17.985	.36034	17.60	1.1160	-2.9404

Sample Name: J6353-03 Acquired: 12/15/2018 17:42:46 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6353-01MSD 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	2811.9	39431.	4439.8	76.398	2347.9
Stddev	20.2	48.	35.3	.774	14.7
%RSD	.71990	.12278	.79526	1.0129	.62511
#1	2826.2	39465.	4414.8	75.850	2358.3
#2	2797.6	39397.	4464.8	76.945	2337.5

Sample Name: J6353-01A Acquired: 12/15/2018 17:46:44 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7804 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72271	1.9587	2.8388	1.8929	.14819	482.88	3.1331	.20243
Stddev	.00109	.0035	.0013	.0081	.00197	1.19	.0011	.00007
%RSD	.15050	.17843	.04454	.42890	1.3327	.24742	.03623	.03532

#1	.72195	1.9612	2.8397	1.8987	.14680	482.04	3.1323	.20238
#2	.72348	1.9562	2.8379	1.8872	.14959	483.73	3.1339	.20248

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23558	803.95	.70221	.61681	2.3021	783.79	10.825	293.15
Stddev	.00354	2.10	.00071	.00065	.0251	26.36	.037	.93
%RSD	1.5032	.26061	.10106	.10597	1.0903	3.3634	.33966	.31720

#1	.23308	805.43	.70171	.61635	2.2844	802.43	10.799	292.49
#2	.23809	802.47	.70271	.61727	2.3199	765.15	10.851	293.81

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2659	.09487	27.018	1.9698	12.112	14.613	.34231	.92430
Stddev	.0022	.00347	.034	.0013	.398	.019	.00155	.03709
%RSD	.17059	3.6559	.12459	.06653	3.2861	.13254	.45322	4.0127

#1	1.2643	.09732	26.995	1.9689	12.394	14.627	.34122	.95053
#2	1.2674	.09242	27.042	1.9707	11.831	14.599	.34341	.89808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2907	5.2398	.76055	F 17.984	.35889	F 17.56	1.0957	<.00000
Stddev	.0050	.0068	.00155	.014	.00225	.05	.0279	.09159
%RSD	.06040	.12979	.20358	.08021	.62698	.2615	2.5425	2.8623

#1	8.2871	5.2446	.76164	17.995	.35729	17.53	1.0760	-3.1353
#2	8.2942	5.2349	.75945	17.974	.36048	17.59	1.1154	-3.2648

Sample Name: J6353-01A Acquired: 12/15/2018 17:46:44 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7804 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	2788.6	39392.	4415.7	74.834	2332.9
Stddev	12.9	142.	25.3	2.573	1.7
%RSD	.46194	.36026	.57189	3.4389	.07451
#1	2797.7	39292.	4397.8	73.014	2331.7
#2	2779.5	39492.	4433.5	76.654	2334.1

Sample Name: J6353-04 Acquired: 12/15/2018 17:50:42 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS001-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01654	-.04647	1.6543	.10147	.02705	468.36	2.2975	.00491
Stddev	.00174	.00470	.0109	.00962	.00165	1.01	.0277	.00009
%RSD	10.525	10.118	.65865	9.4769	6.1058	.21560	1.2050	1.9334
#1	-.01531	-.04979	1.6620	.09467	.02821	467.65	2.2779	.00485
#2	-.01777	-.04314	1.6466	.10827	.02588	469.08	2.3171	.00498
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02933	684.44	.30521	.38850	1.6423	711.76	9.9298	302.48
Stddev	.00362	10.41	.00153	.00032	.0128	30.36	.0590	4.47
%RSD	12.334	1.5208	.50164	.08143	.77789	4.2657	.59445	1.4785
#1	.03189	677.08	.30413	.38873	1.6513	690.29	9.9715	299.32
#2	.02677	691.80	.30629	.38828	1.6333	733.22	9.8880	305.64
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73201	.01883	23.340	1.6402	10.009	4.8311	.01609	.56391
Stddev	.00080	.00458	.272	.0033	.384	.0588	.00012	.04580
%RSD	.10989	24.338	1.1674	.20329	3.8367	1.2176	.77099	8.1213
#1	.73258	.01559	23.148	1.6378	9.7374	4.7895	.01618	.53153
#2	.73144	.02207	23.533	1.6425	10.281	4.8727	.01600	.59630
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9778	2.8685	.11683	F 17.045	.14167	9.758	.82841	<.00000
Stddev	.0094	.0439	.00261	.286	.00147	.032	.01058	.14213
%RSD	.11774	1.5317	2.2336	1.6796	1.0359	.3288	1.2771	4.4935
#1	7.9712	2.8375	.11867	16.843	.14063	9.781	.83589	-3.2635
#2	7.9845	2.8996	.11498	17.247	.14271	9.735	.82093	-3.0625

Sample Name: J6353-04 Acquired: 12/15/2018 17:50:42 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS001-0 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.3	39619.	4358.6	76.647	2405.5
Stddev	1.0	29.	47.7	2.925	5.9
%RSD	.03514	.07225	1.0946	3.8155	.24635
#1	2818.6	39599.	4392.3	78.715	2401.3
#2	2820.0	39639.	4324.8	74.579	2409.7

Sample Name: J6353-05 Acquired: 12/15/2018 17:54:45 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS002-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00804	-.03107	1.3941	.09532	.04821	243.22	3.0171	.00410
Stddev	.00373	.00362	.0107	.01710	.00226	1.05	.0050	.00005
%RSD	46.365	11.641	.76742	17.939	4.6792	.43312	.16433	1.2302
#1	-.00540	-.02851	1.3865	.10741	.04981	243.96	3.0136	.00413
#2	-.01068	-.03363	1.4016	.08323	.04662	242.47	3.0206	.00406
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04136	487.13	.32394	1.3562	3.0905	684.36	7.7546	109.98
Stddev	.00314	.70	.00157	.0032	.0100	30.54	.0475	.62
%RSD	7.5793	.14418	.48313	.23689	.32450	4.4621	.61274	.56475
#1	.03915	486.63	.32505	1.3539	3.0834	705.95	7.7882	109.54
#2	.04358	487.62	.32284	1.3585	3.0976	662.77	7.7210	110.42
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42496	.01312	13.102	.87060	F 58.377	12.096	.11324	.57213
Stddev	.00056	.00316	.067	.01230	2.267	.013	.00049	.05081
%RSD	.13169	24.110	.51286	1.4125	3.8832	.10435	.43199	8.8813
#1	.42457	.01536	13.055	.87930	59.980	12.105	.11289	.60806
#2	.42536	.01088	13.150	.86191	56.774	12.087	.11358	.53620
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 73.751	4.1913	.08359	8.4756	.08254	8.374	.36891	<.00000
Stddev	.112	.0199	.00089	.0120	.00022	.020	.03279	.19492
%RSD	.15223	.47563	1.0654	.14141	.27037	.2377	8.8887	6.2701
#1	73.672	4.2054	.08296	8.4671	.08238	8.360	.34572	-3.2465
#2	73.831	4.1772	.08422	8.4840	.08270	8.388	.39209	-2.9709

Sample Name: J6353-05 Acquired: 12/15/2018 17:54:45 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS002-0 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	2733.1	38863.	4255.0	80.883	2574.7
Stddev	2.9	145.	10.4	3.312	3.9
%RSD	.10571	.37395	.24420	4.0950	.15108
#1	2731.0	38761.	4262.4	78.541	2577.4
#2	2735.1	38966.	4247.7	83.225	2571.9

Sample Name: J6353-06 Acquired: 12/15/2018 17:58:59 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS003-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00471	-.05880	1.0971	.17703	.01804	464.54	1.8223	.00734
Stddev	.00069	.00381	.0019	.00195	.00305	2.58	.0153	.00021
%RSD	14.704	6.4711	.17121	1.1004	16.912	.55550	.84156	2.8520

#1	.00520	-.06149	1.0984	.17841	.02020	462.71	1.8331	.00749
#2	.00422	-.05611	1.0957	.17565	.01588	466.36	1.8115	.00719

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03893	633.37	.52153	.40716	1.3385	F 1091.2	12.356	227.65
Stddev	.00079	2.55	.00016	.00163	.0144	2.1	.026	1.60
%RSD	2.0203	.40241	.03055	.40015	1.0773	.18962	.21350	.70357

#1	.03949	635.18	.52142	.40831	1.3487	1089.8	12.338	228.79
#2	.03838	631.57	.52164	.40601	1.3283	1092.7	12.375	226.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82592	.04856	19.276	1.6518	9.1186	7.6551	.01596	.78625
Stddev	.00029	.00026	.122	.0002	.0022	.0476	.00064	.00083
%RSD	.03481	.53511	.63121	.01303	.02360	.62119	3.9843	.10604

#1	.82613	.04875	19.362	1.6520	9.1202	7.6887	.01641	.78566
#2	.82572	.04838	19.190	1.6517	9.1171	7.6214	.01551	.78684

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4098	3.6524	.09433	F 17.297	.10823	9.400	.75111	<.00000
Stddev	.0073	.0317	.00081	.063	.00081	.007	.01333	.23693
%RSD	.13412	.86829	.86351	.36251	.75138	.0784	1.7753	3.0367

#1	5.4047	3.6748	.09490	17.342	.10880	9.394	.76054	-7.9697
#2	5.4149	3.6300	.09375	17.253	.10765	9.405	.74168	-7.6346

Sample Name: J6353-06 Acquired: 12/15/2018 17:58:59 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS003-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	^ *****
Stddev	-----
%RSD	-----
#1	^ ----
#2	^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2906.6	40931.	4570.7	74.075	2335.3
Stddev	22.1	129.	35.1	.056	5.2
%RSD	.75876	.31563	.76703	.07495	.22261
#1	2891.1	41023.	4545.9	74.036	2331.6
#2	2922.2	40840.	4595.5	74.115	2339.0

Sample Name: J6353-07 Acquired: 12/15/2018 18:03:03 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS004-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08264	-.04287	.48549	.06940	.01490	316.13	.97657
Stddev	.00285	.00137	.00293	.00328	.00000	2.01	.00333
%RSD	3.4446	3.2016	.60335	4.7270	.02088	.63592	.34138

#1	.08465	-.04384	.48756	.06708	.01490	314.71	.97421
#2	.08063	-.04190	.48342	.07172	.01489	317.56	.97893

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00535	.01928	F 2862.4	.33057	.23751	.96555	546.00
Stddev	.00017	.00078	31.2	.00004	.00072	.00141	9.95
%RSD	3.2450	4.0258	1.0909	.01229	.30386	.14609	1.8214

#1	.00547	.01983	2840.3	.33054	.23700	.96655	538.97
#2	.00522	.01873	2884.5	.33060	.23802	.96455	553.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3257	129.20	.34156	.00719	11.613	1.3386	5.2968
Stddev	.0248	1.18	.00151	.00137	.091	.0009	.0742
%RSD	.33873	.91276	.44179	19.052	.78759	.07030	1.4006

#1	7.3082	128.37	.34049	.00622	11.549	1.3379	5.2444
#2	7.3433	130.04	.34263	.00815	11.678	1.3393	5.3493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5329	.01690	.42161	7.2055	5.8988	.04197	9.6052
Stddev	.0302	.00026	.00292	.0283	.0155	.00231	.0442
%RSD	.46224	1.5302	.69151	.39330	.26223	5.5117	.45962

#1	6.5115	.01672	.41954	7.1855	5.9097	.04034	9.5740
#2	6.5542	.01709	.42367	7.2255	5.8879	.04361	9.6364

Sample Name: J6353-07 Acquired: 12/15/2018 18:03:03 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-SS004-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16023	7.687	1.4158	1.5434	F<.00000
Stddev	.00012	.023	.0002	.0667	1.3635
%RSD	.07650	.3003	.01690	4.3198	.54052

#1	.16032	7.671	1.4156	1.4962	-253.22
#2	.16015	7.703	1.4159	1.5905	-251.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.7	36774.	4322.2	71.815	2115.8
Stddev	2.3	51.	.6	1.019	4.5
%RSD	.08737	.13793	.01456	1.4186	.21410

#1	2633.3	36809.	4321.8	72.536	2119.0
#2	2630.1	36738.	4322.7	71.095	2112.6

Sample Name: J6353-08 Acquired: 12/15/2018 18:07:12 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS005-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01893	-.05333	1.3087	.13058	.06590	433.53	6.2477	.00582
Stddev	.00451	.00341	.0038	.00438	.00106	2.12	.0196	.00025
%RSD	23.828	6.3971	.29352	3.3530	1.6070	.48978	.31435	4.3595
#1	.02212	-.05574	1.3114	.13367	.06516	435.03	6.2616	.00600
#2	.01574	-.05091	1.3060	.12748	.06665	432.03	6.2338	.00564
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03499	1392.1	.46259	.40608	3.2613	870.99	10.498	255.95
Stddev	.00081	18.7	.00180	.00050	.0110	7.63	.102	.89
%RSD	2.3080	1.3442	.38837	.12351	.33560	.87623	.97472	.34725
#1	.03442	1378.9	.46132	.40644	3.2691	876.39	10.570	256.58
#2	.03556	1405.4	.46386	.40573	3.2536	865.59	10.426	255.32
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72623	.02108	30.187	1.6853	F 59.540	11.662	.10182	.89385
Stddev	.00495	.00014	.068	.0032	.702	.018	.00029	.00336
%RSD	.68147	.67075	.22512	.19260	1.1784	.15548	.28215	.37626
#1	.72973	.02098	30.236	1.6876	60.036	11.674	.10161	.89623
#2	.72273	.02118	30.139	1.6830	59.044	11.649	.10202	.89147
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0117	4.7194	.14346	F 14.732	.13529	F 12.79	.90684	<.00000
Stddev	.0027	.0234	.00077	.008	.00069	.10	.00666	.18842
%RSD	.03005	.49572	.53645	.05578	.50664	.7733	.73463	5.2380
#1	9.0136	4.7029	.14400	14.726	.13578	12.86	.90213	-3.4639
#2	9.0098	4.7360	.14291	14.738	.13481	12.72	.91155	-3.7303

Sample Name: J6353-08 Acquired: 12/15/2018 18:07:12 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-SS005-0 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	2785.3	38998.	4474.8	72.288	2221.9
Stddev	13.0	199.	.9	.706	8.0
%RSD	.46656	.51133	.01901	.97700	.36226
#1	2776.2	38857.	4474.2	71.789	2216.2
#2	2794.5	39139.	4475.4	72.788	2227.6

Sample Name: J6353-09 Acquired: 12/15/2018 18:11:29 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS006-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06973	-.05042	6.0326	.10729	.03884	391.30	2.1284	.00596
Stddev	.00247	.00079	.0305	.00219	.00029	.56	.0116	.00026
%RSD	3.5450	1.5689	.50587	2.0409	.75645	.14392	.54553	4.4037

#1	.07148	-.05098	6.0110	.10883	.03863	390.90	2.1366	.00578
#2	.06798	-.04987	6.0541	.10574	.03905	391.70	2.1202	.00615

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02902	F 2076.9	F 3.5075	.34642	1.6712	786.76	9.4284	200.56
Stddev	.00064	5.7	.0186	.00002	.0004	8.65	.0031	.71
%RSD	2.2150	.27382	.52988	.00599	.02399	1.1001	.03283	.35404

#1	.02948	2081.0	3.4944	.34644	1.6715	780.64	9.4262	201.06
#2	.02857	2072.9	3.5206	.34641	1.6709	792.88	9.4306	200.06

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78567	.01559	16.945	1.5488	9.7648	7.3405	.07469	.68455
Stddev	.00347	.00008	.043	.0025	.1096	.0166	.00037	.00733
%RSD	.44144	.49409	.25462	.16396	1.1221	.22608	.49519	1.0710

#1	.78322	.01554	16.976	1.5470	9.6873	7.3522	.07442	.67937
#2	.78812	.01565	16.915	1.5506	9.8423	7.3288	.07495	.68974

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.923	5.6722	.08459	F 12.383	.16226	8.225	1.2818	<.00000
Stddev	.172	.0345	.00128	.044	.00144	.018	.0168	.00755
%RSD	.36700	.60759	1.5145	.35750	.88991	.2144	1.3065	.61073

#1	46.801	5.6966	.08550	12.415	.16328	8.213	1.2936	-1.2313
#2	47.044	5.6478	.08368	12.352	.16124	8.238	1.2699	-1.2420

Sample Name: J6353-09 Acquired: 12/15/2018 18:11:29 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-SS006-0 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	2692.9	37408.	4368.4	70.747	2167.8
Stddev	.3	10.	24.3	.729	7.3
%RSD	.01134	.02633	.55571	1.0306	.33735
#1	2692.7	37415.	4351.2	71.262	2173.0
#2	2693.1	37402.	4385.6	70.231	2162.7

Sample Name: CCV05 Acquired: 12/15/2018 18:15:37 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14355 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2288	5.0459	5.1744	5.1466	5.2150	10.296	10.025	.25806
Stddev	.0153	.0152	.0009	.0012	.0026	.074	.102	.00133
%RSD	.29240	.30176	.01826	.02240	.05021	.71848	1.0154	.51505
#1	5.2180	5.0351	5.1737	5.1458	5.2169	10.244	10.097	.25712
#2	5.2397	5.0566	5.1751	5.1474	5.2132	10.348	9.9527	.25900
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5307	26.030	1.0313	2.5501	1.2962	5.1598	2.5940	25.582
Stddev	.0045	.079	.0003	.0014	.0004	.0123	.0090	.199
%RSD	.17925	.30374	.03273	.05586	.03151	.23839	.34649	.77974
#1	2.5275	26.086	1.0310	2.5491	1.2959	5.1511	2.5876	25.723
#2	2.5339	25.975	1.0315	2.5511	1.2965	5.1685	2.6003	25.441
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5077	1.3150	24.454	2.5717	2.5808	25.099	5.2504	4.9355
Stddev	.0027	.0040	.237	.0031	.0101	.323	.0056	.0131
%RSD	.10939	.30465	.96843	.12206	.39123	1.2856	.10576	.26532
#1	2.5058	1.3122	24.621	2.5695	2.5879	25.327	5.2465	4.9448
#2	2.5097	1.3179	24.286	2.5740	2.5736	24.871	5.2543	4.9263
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0662	5.0580	5.0941	5.1589	4.8489	5.044	5.1206	5.0667
Stddev	.0071	.0793	.0164	.0525	.0481	.008	.0454	.0860
%RSD	.14090	1.5668	.32135	1.0174	.99271	.1518	.88719	1.6970
#1	5.0611	5.1140	5.0825	5.1961	4.8830	5.038	5.1527	5.0059
#2	5.0712	5.0020	5.1056	5.1218	4.8149	5.049	5.0885	5.1275

Sample Name: CCV05 Acquired: 12/15/2018 18:15:37 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14355 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8968
Stddev	.0529
%RSD	2.7903

#1	1.9342
#2	1.8594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.1	39234.	3959.5	90.316	3140.9
Stddev	10.1	107.	58.1	.490	6.1
%RSD	.35429	.27353	1.4676	.54270	.19286

#1	2844.9	39310.	3918.4	89.969	3136.6
#2	2859.2	39158.	4000.6	90.662	3145.2

Sample Name: CCB05 Acquired: 12/15/2018 18:19:22 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14355 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00459	.00218	.00293	.00138	.00076	-.00261	.00060
Stddev	.00049	.00033	.00034	.00225	.00150	.01623	.00019
%RSD	10.668	15.010	11.526	163.12	197.26	621.38	31.035

#1	-.00424	.00195	.00316	-.00021	.00183	.00886	.00047
#2	-.00493	.00241	.00269	.00297	-.00030	-.01409	.00073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	-.00909	.00011	.00004	.00011	.00133
Stddev	.00006	.00010	.01829	.00014	.00004	.00009	.00594
%RSD	214.05	1393.5	201.19	129.81	87.844	82.279	444.71

#1	.00002	-.00008	.00384	.00021	.00007	.00017	.00553
#2	-.00008	.00006	-.02202	.00001	.00002	.00005	-.00286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01144	-.00032	.00035	-.01855	.00022	F .01573
Stddev	.00004	.02297	.00031	.00005	.01587	.00005	.00168
%RSD	291.51	200.74	97.858	14.103	85.540	23.214	10.690

#1	.00001	-.00480	-.00010	.00032	-.02977	.00018	.01691
#2	-.00004	.02768	-.00054	.00039	-.00733	.00025	.01454

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00920	.00028	-.00041	F .00643	.00371	-.00075	.00054
Stddev	.02956	.00010	.00348	.00393	.00144	.00069	.00037
%RSD	321.30	37.398	843.98	61.149	38.822	92.578	69.112

#1	-.03011	.00020	.00205	.00365	.00473	-.00026	.00080
#2	.01170	.00035	-.00287	.00921	.00269	-.00124	.00028

Sample Name: CCB05 Acquired: 12/15/2018 18:19:22 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14355 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.0015	.00009	F 3.4097	F<.00000
Stddev	.00029	.0007	.00000	.3082	.08396
%RSD	11.721	46.55	1.5475	9.0394	10.342

#1	-.00267	-.0010	.00009	3.1918	-.87125
#2	-.00226	-.0020	.00009	3.6277	-.75251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.5	41177.	4038.8	95.821	3603.0
Stddev	11.2	356.	23.8	.666	6.7
%RSD	.37166	.86367	.59018	.69490	.18659

#1	2996.6	41429.	4021.9	95.350	3598.3
#2	3012.4	40926.	4055.6	96.292	3607.8

Sample Name: J6353-10 Acquired: 12/15/2018 18:23:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS007-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05763	-.02694	.99616	.10769	.01841	344.92	2.2497	.00566
Stddev	.00211	.00020	.00419	.00141	.00079	2.07	.0002	.00017
%RSD	3.6671	.74877	.42018	1.3122	4.2909	.59921	.01068	3.0721

#1	.05913	-.02709	.99912	.10669	.01785	346.38	2.2499	.00578
#2	.05614	-.02680	.99320	.10869	.01897	343.46	2.2495	.00553

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02890	452.39	.41888	.30383	1.4278	655.24	16.216	145.92
Stddev	.00119	1.79	.00147	.00019	.0046	8.18	.003	.60
%RSD	4.1075	.39493	.35145	.06345	.32458	1.2485	.01737	.41136

#1	.02974	451.13	.41992	.30396	1.4245	649.45	16.214	145.49
#2	.02806	453.65	.41784	.30369	1.4311	661.02	16.218	146.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48588	.01597	8.2692	1.6018	7.8121	9.9717	.01744	.58068
Stddev	.00046	.00158	.0287	.0068	.0967	.0256	.00034	.00314
%RSD	.09555	9.8668	.34693	.42710	1.2373	.25699	1.9482	.53990

#1	.48555	.01486	8.2895	1.6066	7.7437	9.9898	.01768	.57847
#2	.48621	.01708	8.2490	1.5969	7.8804	9.9535	.01720	.58290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.963	2.1201	.07942	7.5146	.15260	9.815	.48449	<.00000
Stddev	.038	.0074	.00021	.0118	.00219	.029	.00796	.09818
%RSD	.31874	.34753	.26392	.15653	1.4354	.2913	1.6437	3.9084

#1	11.990	2.1149	.07927	7.5063	.15415	9.835	.49013	-2.4425
#2	11.936	2.1253	.07957	7.5230	.15105	9.794	.47886	-2.5813

Sample Name: J6353-10 Acquired: 12/15/2018 18:23:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SS007-0 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	2934.2	40719.	4549.7	78.388	2600.7
Stddev	4.7	127.	22.7	.954	12.2
%RSD	.15929	.31097	.49924	1.2167	.46808
#1	2937.5	40629.	4565.8	79.063	2592.1
#2	2930.9	40808.	4533.7	77.714	2609.3

Sample Name: J6361-01 Acquired: 12/15/2018 18:27:28 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TN4803-12121 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13156	-.02292	.22854	.15541	.00466	276.69	3.3650	.02400
Stddev	.00158	.00150	.00066	.00923	.00068	.18	.0171	.00020
%RSD	1.1978	6.5331	.28906	5.9406	14.692	.06659	.50790	.83299

#1	.13267	-.02397	.22808	.14888	.00418	276.56	3.3771	.02414
#2	.13044	-.02186	.22901	.16193	.00515	276.82	3.3529	.02386

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	21.553	.56156	.44226	.14725	789.39	15.309	106.23
Stddev	.00154	.031	.00219	.00235	.00771	19.20	.092	.58
%RSD	99.574	.14485	.39042	.53088	5.2370	2.4328	.60000	.54994

#1	.00264	21.575	.56001	.44060	.15270	775.81	15.244	106.64
#2	.00046	21.531	.56311	.44392	.14179	802.97	15.374	105.81

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58233	.03330	10.489	.98061	1.4408	61.613	.03093	.74596
Stddev	.00080	.00183	.067	.00022	.0344	.208	.00044	.04365
%RSD	.13715	5.5016	.63541	.02256	2.3861	.33821	1.4380	5.8512

#1	.58177	.03201	10.536	.98077	1.4165	61.761	.03124	.71510
#2	.58289	.03460	10.442	.98046	1.4651	61.466	.03061	.77682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3852	2.0057	.03584	6.0063	.46100	8.038	-.59249	<.00000
Stddev	.0116	.0052	.00035	.0046	.00124	.006	.02186	.14481
%RSD	.83352	.26066	.96779	.07713	.26893	.0787	3.6891	1.0464

#1	1.3770	2.0020	.03560	6.0030	.46188	8.034	-.57704	-13.941
#2	1.3933	2.0094	.03609	6.0096	.46013	8.043	-.60795	-13.736

Sample Name: J6361-01 Acquired: 12/15/2018 18:27:28 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TN4803-12121 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	4137.3	56939.	6007.3	82.200	2712.3
Stddev	5.1	28.	15.3	1.744	4.8
%RSD	.12326	.04862	.25501	2.1210	.17674
#1	4133.7	56958.	5996.4	83.433	2715.7
#2	4140.9	56919.	6018.1	80.967	2708.9

Sample Name: J6362-01 Acquired: 12/15/2018 18:31:30 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04719	-.00678	.22263	.05186	.00141	98.857	.38763
Stddev	.00247	.00069	.00005	.00285	.00007	.270	.00419
%RSD	5.2358	10.211	.02046	5.4902	5.1350	.27337	1.0816

#1	.04893	-.00726	.22266	.04984	.00136	98.665	.39059
#2	.04544	-.00629	.22260	.05387	.00146	99.048	.38466

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00987	-.00159	80.397	.25254	.16766	.22612	328.29
Stddev	.00019	.00004	.573	.00133	.00040	.00096	.62
%RSD	1.9368	2.3655	.71250	.52747	.23676	.42381	.18761

#1	.01000	-.00161	80.802	.25160	.16794	.22679	328.72
#2	.00973	-.00156	79.992	.25349	.16738	.22544	327.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4826	33.055	.18451	.00411	.89475	.38626	.62490
Stddev	.0036	.431	.00113	.00010	.00603	.00219	.00294
%RSD	.14355	1.3041	.61202	2.3571	.67386	.56674	.47124

#1	2.4800	33.360	.18372	.00404	.89901	.38781	.62699
#2	2.4851	32.750	.18531	.00418	.89049	.38471	.62282

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9851	.00228	.35902	1.8103	6.0297	.01224	3.8585
Stddev	.1265	.00001	.00104	.0058	.0528	.00052	.0075
%RSD	1.4080	.23906	.28905	.32239	.87520	4.2727	.19318

#1	9.0745	.00228	.35828	1.8144	6.0670	.01187	3.8637
#2	8.8956	.00229	.35975	1.8062	5.9924	.01261	3.8532

Sample Name: J6362-01 Acquired: 12/15/2018 18:31:30 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11047	5.126	-.13744	<.00000	F<.00000
Stddev	.00014	.000	.00111	.17147	.77356
%RSD	.12715	.0039	.80397	6.8572	.49967

#1	.11057	5.126	-.13666	-2.6218	-155.36
#2	.11037	5.126	-.13823	-2.3793	-154.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.1	45718.	4676.1	89.642	3081.2
Stddev	15.6	61.	41.0	.445	15.7
%RSD	.47368	.13424	.87782	.49595	.50891

#1	3278.1	45761.	4647.1	89.327	3070.1
#2	3300.1	45674.	4705.2	89.956	3092.2

Sample Name: J6362-02 Acquired: 12/15/2018 18:35:22 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04909	-.00479	.13871	.05238	.00042	90.871	.39522
Stddev	.00334	.00011	.00120	.00240	.00091	.031	.00106
%RSD	6.8105	2.2900	.86366	4.5888	219.62	.03417	.26725

#1	.05145	-.00487	.13786	.05408	-.00023	90.849	.39448
#2	.04672	-.00471	.13956	.05068	.00106	90.893	.39597

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01111	-.00302	40.215	.19153	.15288	.11104	333.33
Stddev	.00004	.00052	.154	.00242	.00037	.00027	6.48
%RSD	.37770	17.213	.38403	1.2613	.24053	.24533	1.9431

#1	.01108	-.00339	40.106	.18982	.15314	.11085	337.91
#2	.01114	-.00265	40.324	.19324	.15262	.11123	328.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2184	16.662	.15155	.00556	.61567	.34953	.52725
Stddev	.0014	.084	.00061	.00093	.00062	.00072	.01145
%RSD	.06380	.50309	.40375	16.740	.10118	.20709	2.1724

#1	2.2174	16.722	.15198	.00622	.61611	.34902	.53535
#2	2.2194	16.603	.15111	.00491	.61523	.35005	.51915

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5598	.00201	.24746	1.0834	3.6996	.01133	3.3363
Stddev	.0522	.00008	.00466	.0026	.0182	.00074	.0014
%RSD	.54578	4.1566	1.8835	.23928	.49189	6.5406	.04262

#1	9.5967	.00195	.25076	1.0853	3.6867	.01081	3.3353
#2	9.5229	.00207	.24417	1.0816	3.7124	.01186	3.3373

Sample Name: J6362-02 Acquired: 12/15/2018 18:35:22 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08293	5.112	-.23938	<.00000	F<.00000
Stddev	.00098	.031	.00707	.00635	2.2072
%RSD	1.1804	.6117	2.9527	.17471	1.4632

#1	.08362	5.134	-.24438	-3.6302	-152.41
#2	.08224	5.090	-.23438	-3.6392	-149.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.4	47552.	4826.5	89.684	3151.8
Stddev	10.9	54.	1.6	1.915	9.1
%RSD	.31843	.11270	.03260	2.1348	.28811

#1	3415.7	47590.	4827.6	88.331	3145.4
#2	3431.1	47515.	4825.3	91.038	3158.3

Sample Name: J6362-03 Acquired: 12/15/2018 18:39:15 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04926	-.01213	.21270	.06336	-.00025	113.01	.48303
Stddev	.00320	.00062	.00091	.00002	.00063	.61	.00206
%RSD	6.4913	5.1502	.42855	.03593	249.11	.53643	.42557

#1	.04700	-.01257	.21335	.06335	-.00070	113.44	.48449
#2	.05152	-.01169	.21206	.06338	.00019	112.58	.48158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01187	-.00121	92.669	.36254	.18712	.19052	397.17
Stddev	.00004	.00050	.157	.00163	.00027	.00315	7.04
%RSD	.36307	41.022	.16938	.44980	.14607	1.6529	1.7717

#1	.01190	-.00156	92.558	.36369	.18692	.18829	402.15
#2	.01184	-.00086	92.780	.36139	.18731	.19275	392.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8032	30.374	.22487	.00552	1.5338	.46837	.68266
Stddev	.0081	.086	.00099	.00096	.0035	.00094	.01374
%RSD	.29009	.28430	.44242	17.371	.23091	.19992	2.0133

#1	2.8090	30.435	.22417	.00620	1.5313	.46904	.69237
#2	2.7975	30.313	.22558	.00484	1.5363	.46771	.67294

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.598	.00412	.34843	2.6791	8.5248	.01392	4.3505
Stddev	.049	.00003	.00745	.0125	.0087	.00117	.0077
%RSD	.39113	.77822	2.1375	.46533	.10169	8.4325	.17775

#1	12.633	.00409	.35370	2.6703	8.5186	.01475	4.3450
#2	12.563	.00414	.34316	2.6879	8.5309	.01309	4.3560

Sample Name: J6362-03 Acquired: 12/15/2018 18:39:15 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10417	5.799	-.15649	<.00000	F<.00000
Stddev	.00013	.002	.00726	.43375	.90338
%RSD	.12314	.0309	4.6417	10.106	.44703

#1	.10426	5.801	-.16163	-3.9854	-202.72
#2	.10408	5.798	-.15136	-4.5989	-201.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.3	46913.	4785.4	89.214	3022.5
Stddev	1.2	246.	8.8	1.749	.1
%RSD	.03558	.52350	.18486	1.9609	.00358

#1	3366.4	46739.	4779.2	87.977	3022.5
#2	3368.1	47086.	4791.7	90.451	3022.6

Sample Name: J6362-04 Acquired: 12/15/2018 18:43:13 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05683	-.00562	.14328	.05166	.00146	91.013	.33701
Stddev	.00418	.00076	.00091	.00201	.00158	.405	.00319
%RSD	7.3583	13.473	.63811	3.9003	108.60	.44486	.94744

#1	.05979	-.00509	.14393	.05023	.00034	90.727	.33927
#2	.05388	-.00616	.14264	.05308	.00257	91.299	.33475

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01002	-.00302	18.709	.18626	.16906	.13412	314.47
Stddev	.00017	.00076	.149	.00065	.00014	.00462	6.59
%RSD	1.6520	25.111	.79874	.34791	.07992	3.4484	2.0968

#1	.00991	-.00248	18.815	.18580	.16897	.13739	309.81
#2	.01014	-.00355	18.604	.18672	.16916	.13085	319.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3462	15.671	.16136	.00294	.77368	.36658	.74463
Stddev	.0062	.180	.00109	.00034	.01030	.00274	.01505
%RSD	.26414	1.1502	.67665	11.641	1.3319	.74848	2.0214

#1	2.3419	15.798	.16059	.00270	.78097	.36464	.73398
#2	2.3506	15.543	.16213	.00318	.76639	.36852	.75527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2422	.00149	.30383	.87284	7.0146	.03536	3.6457
Stddev	.0477	.00009	.02268	.00322	.0811	.00127	.0241
%RSD	.51617	5.7862	7.4636	.36937	1.1558	3.5801	.66216

#1	9.2760	.00155	.28779	.87511	7.0719	.03626	3.6628
#2	9.2085	.00143	.31986	.87056	6.9573	.03447	3.6286

Sample Name: J6362-04 Acquired: 12/15/2018 18:43:13 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07912	4.263	-.27285	<.00000	F<.00000
Stddev	.00030	.002	.00765	.15768	1.4128
%RSD	.37758	.0556	2.8041	5.6845	.99623

#1	.07891	4.261	-.26744	-2.8853	-142.81
#2	.07933	4.265	-.27826	-2.6623	-140.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.9	46065.	4585.0	90.928	3197.0
Stddev	13.0	232.	32.2	1.547	9.4
%RSD	.39306	.50423	.70134	1.7010	.29302

#1	3309.7	46229.	4562.3	92.021	3190.4
#2	3328.1	45901.	4607.8	89.834	3203.7

Sample Name: J6371-02 Acquired: 12/15/2018 18:47:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB07-1-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06228	-.01635	1.9950	.04271	.00078	145.76	1.9511
Stddev	.00011	.00369	.0256	.00584	.00108	1.06	.0127
%RSD	.17592	22.574	1.2849	13.673	137.25	.72858	.64922

#1	.06220	-.01896	2.0131	.04684	.00002	145.01	1.9601
#2	.06236	-.01374	1.9769	.03858	.00154	146.51	1.9422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00814	.00762	1017.7	.34949	.12346	.31223	302.73
Stddev	.00012	.00028	2.3	.00092	.00211	.00225	7.61
%RSD	1.4622	3.6149	.22595	.26341	1.7098	.72173	2.5151

#1	.00822	.00743	1016.1	.34884	.12496	.31382	308.11
#2	.00805	.00782	1019.3	.35014	.12197	.31064	297.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9419	451.57	.27405	.00981	6.6141	.38035	2.4628
Stddev	.0168	1.34	.00437	.00094	.0050	.00226	.0946
%RSD	.33892	.29714	1.5933	9.5642	.07579	.59528	3.8422

#1	4.9300	452.52	.27714	.01048	6.6177	.37875	2.5297
#2	4.9537	450.62	.27096	.00915	6.6106	.38195	2.3959

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.595	.00586	.21612	F 17.294	F 11.146	.07056	3.6766
Stddev	.060	.00009	.01036	.275	.084	.00104	.0017
%RSD	.44031	1.4692	4.7948	1.5915	.75576	1.4738	.04663

#1	13.553	.00592	.22345	17.489	11.206	.07130	3.6754
#2	13.637	.00580	.20879	17.100	11.087	.06983	3.6778

Sample Name: J6371-02 Acquired: 12/15/2018 18:47:07 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB07-1-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16893	7.890	1.0034	1.5222	F<.00000
Stddev	.00164	.129	.0078	.0384	.25882
%RSD	.96882	1.638	.77331	2.5202	.24744

#1	.17009	7.981	.99791	1.4951	-104.79
#2	.16777	7.798	1.0089	1.5493	-104.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.2	40165.	4360.5	77.590	2470.3
Stddev	35.4	33.	36.1	2.791	41.5
%RSD	1.2265	.08334	.82770	3.5976	1.6783

#1	2858.2	40188.	4335.0	75.617	2441.0
#2	2908.2	40141.	4386.0	79.564	2499.6

Sample Name: J6371-03 Acquired: 12/15/2018 18:51:05 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB07-11-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01481	.00159	.03340	.00927	-.00193	9.9027	.02479	.00062
Stddev	.00191	.00057	.00005	.00219	.00114	.3335	.00000	.00013
%RSD	12.900	36.179	.16427	23.578	59.230	3.3676	.00962	21.754

#1	.01617	.00118	.03343	.01082	-.00112	9.6669	.02479	.00052
#2	.01346	.00199	.03336	.00773	-.00273	10.139	.02479	.00071

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	4.1922	.05109	.00667	.01568	29.245	.25613	.86874
Stddev	.00009	.0119	.00257	.00023	.00109	.035	.01142	.01472
%RSD	19.058	.28333	5.0362	3.5195	6.9623	.12042	4.4599	1.6940

#1	-.00052	4.1838	.04927	.00650	.01491	29.270	.24805	.85833
#2	-.00040	4.2006	.05291	.00683	.01645	29.220	.26421	.87914

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01419	-.00053	1.5002	.03663	.15127	.72888	.00854	.00790
Stddev	.00045	.00006	.0028	.00151	.00021	.01518	.00019	.00293
%RSD	3.1889	11.167	.18940	4.1307	.13796	2.0825	2.2430	37.064

#1	.01387	-.00049	1.5022	.03556	.15112	.71815	.00840	.00997
#2	.01451	-.00057	1.4982	.03770	.15142	.73961	.00867	.00583

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37079	.91954	.00058	.21075	.00682	.5773	.00670	1.0906
Stddev	.00407	.01711	.00124	.00229	.00104	.0117	.00044	.7344
%RSD	1.0977	1.8602	211.68	1.0880	15.230	2.020	6.5854	67.344

#1	.36791	.90745	.00146	.20913	.00609	.5690	.00638	.57126
#2	.37367	.93164	-.00029	.21238	.00756	.5855	.00701	1.6099

Sample Name: J6371-03 Acquired: 12/15/2018 18:51:05 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB07-11-12 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9656
 Stddev .7832
 %RSD 13.128

#1 6.5193
 #2 5.4118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.2	43464.	4062.7	93.979	3534.1
Stddev	55.7	1414.	21.0	.183	64.2
%RSD	1.8437	3.2539	.51700	.19437	1.8165

#1	3060.6	44464.	4077.5	93.850	3579.5
#2	2981.8	42464.	4047.8	94.108	3488.7

Sample Name: J6371-04 Acquired: 12/15/2018 18:55:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB04-0-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05920	-.01051	8.5873	.03433	.00248	111.55	2.8157
Stddev	.00212	.00186	.0285	.00346	.00052	.82	.0297
%RSD	3.5807	17.684	.33186	10.069	21.112	.73898	1.0540

#1	.05770	-.01182	8.6074	.03677	.00285	112.13	2.8367
#2	.06070	-.00919	8.5671	.03188	.00211	110.96	2.7947

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00555	.01612	581.33	.24075	.08125	.61565	234.80
Stddev	.00007	.00031	6.27	.00173	.00012	.00036	.57
%RSD	1.3393	1.9041	1.0781	.71743	.14438	.05799	.24286

#1	.00561	.01634	585.77	.24197	.08133	.61590	234.39
#2	.00550	.01590	576.90	.23953	.08117	.61540	235.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9423	69.272	.17033	.00340	3.3118	.31174	6.9151
Stddev	.0034	.412	.00227	.00018	.0348	.00277	.0333
%RSD	.08674	.59543	1.3325	5.4105	1.0500	.88842	.48169

#1	3.9447	69.563	.17194	.00353	3.3364	.31370	6.8915
#2	3.9399	68.980	.16873	.00327	3.2872	.30979	6.9386

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.527	.00363	.16215	F 11.606	F 12.406	.08110	2.6250
Stddev	.144	.00014	.00836	.051	.035	.00085	.0199
%RSD	1.2493	3.7701	5.1529	.44032	.28247	1.0475	.75981

#1	11.629	.00353	.15624	11.642	12.431	.08170	2.6391
#2	11.425	.00373	.16806	11.570	12.382	.08050	2.6109

Sample Name: J6371-04 Acquired: 12/15/2018 18:55:07 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB04-0-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11624	5.945	1.2746	1.7507	F<.00000
Stddev	.00192	.044	.0203	.2836	.40072
%RSD	1.6484	.7435	1.5920	16.200	.51198

#1	.11759	5.976	1.2890	1.5501	-78.552
#2	.11488	5.914	1.2603	1.9512	-77.985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.6	40278.	4311.8	84.881	2800.1
Stddev	3.9	75.	28.5	.497	10.7
%RSD	.13287	.18678	.66211	.58558	.38091

#1	2937.8	40225.	4291.6	85.232	2792.6
#2	2943.3	40331.	4331.9	84.529	2807.7

Sample Name: J6371-05 Acquired: 12/15/2018 18:58:58 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB04-14-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01757	.00051	.02309	.00776	-.00050	10.901	.04073	.00089
Stddev	.00256	.00044	.00077	.00066	.00235	.087	.00041	.00005
%RSD	14.551	86.264	3.3373	8.5436	467.30	.80000	1.0008	6.1343

#1	.01576	.00020	.02255	.00823	.00116	10.963	.04102	.00085
#2	.01938	.00082	.02364	.00729	-.00217	10.840	.04044	.00093

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	1.2963	.04869	.00755	.01783	41.751	.26542	1.1753
Stddev	.00008	.0093	.00031	.00003	.00022	.578	.00072	.0285
%RSD	13.091	.71697	.64647	.34801	1.2537	1.3843	.27011	2.4212

#1	-.00057	1.3029	.04891	.00753	.01768	42.160	.26592	1.1552
#2	-.00069	1.2897	.04847	.00757	.01799	41.343	.26491	1.1954

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01435	-.00024	.07355	.06126	.18654	.98149	.00273	.01585
Stddev	.00011	.00064	.00108	.00065	.00258	.00408	.00002	.00706
%RSD	.79991	264.58	1.4619	1.0596	1.3853	.41569	.89378	44.519

#1	.01427	-.00070	.07431	.06172	.18837	.98438	.00275	.02084
#2	.01443	.00021	.07279	.06081	.18471	.97861	.00271	.01086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07202	.85550	-.00037	.37196	.00477	.5397	-.03035	1.6622
Stddev	.00090	.00581	.00058	.00198	.00041	.0026	.00064	.4502
%RSD	1.2465	.67884	159.08	.53200	8.6191	.4850	2.0981	27.087

#1	.07266	.85961	-.00078	.37057	.00448	.5379	-.03080	1.9806
#2	.07139	.85139	.00005	.37336	.00506	.5416	-.02990	1.3438

Sample Name: J6371-05 Acquired: 12/15/2018 18:58:58 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB04-14-16 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8378
Stddev .4330
%RSD 23.562

#1 1.5316
#2 2.1440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.1	42444.	4041.8	93.346	3575.0
Stddev	2.2	239.	17.6	1.314	2.3
%RSD	.07205	.56289	.43507	1.4077	.06302

#1	3075.7	42275.	4054.2	92.417	3573.4
#2	3072.6	42613.	4029.3	94.275	3576.6

Sample Name: CCV06 Acquired: 12/15/2018 19:03:00 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1667	5.1026	5.1557	5.1189	5.1707	10.223	10.288	.25995
Stddev	.0104	.0004	.0009	.0011	.0094	.015	.052	.00028
%RSD	.20024	.00722	.01722	.02178	.18158	.14522	.50304	.10816
#1	5.1594	5.1023	5.1551	5.1197	5.1774	10.234	10.324	.26015
#2	5.1740	5.1029	5.1563	5.1181	5.1641	10.213	10.251	.25976
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5417	26.591	1.0415	2.5516	1.2957	5.1291	2.6135	26.423
Stddev	.0006	.070	.0034	.0009	.0024	.0209	.0045	.019
%RSD	.02189	.26487	.32993	.03697	.18613	.40674	.17036	.07048
#1	2.5421	26.542	1.0439	2.5523	1.2974	5.1143	2.6166	26.437
#2	2.5413	26.641	1.0390	2.5509	1.2940	5.1438	2.6103	26.410
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5293	1.3059	25.384	2.5889	2.6054	25.629	5.2074	5.0756
Stddev	.0024	.0052	.098	.0089	.0039	.163	.0020	.0137
%RSD	.09572	.39421	.38770	.34239	.14810	.63786	.03906	.26895
#1	2.5310	1.3095	25.453	2.5952	2.6081	25.744	5.2060	5.0659
#2	2.5276	1.3023	25.314	2.5827	2.6027	25.513	5.2089	5.0853
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0085	5.2129	5.0901	5.2102	4.9611	5.082	5.1912	F 4.3557
Stddev	.0055	.0117	.0058	.0114	.0204	.008	.0206	.0536
%RSD	.11016	.22499	.11427	.21782	.41078	.1493	.39619	1.2305
#1	5.0046	5.2046	5.0860	5.2021	4.9755	5.087	5.2058	4.3937
#2	5.0124	5.2212	5.0942	5.2182	4.9467	5.077	5.1767	4.3178

Sample Name: CCV06 Acquired: 12/15/2018 19:03:00 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-3C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.6902
 Stddev .3463
 %RSD 12.873

#1 2.9351
 #2 2.4453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.7	39661.	3879.4	89.708	3180.5
Stddev	7.7	192.	11.1	.300	6.1
%RSD	.26518	.48505	.28677	.33490	.19238

#1	2902.3	39525.	3871.5	89.496	3176.1
#2	2913.2	39797.	3887.2	89.921	3184.8

Sample Name: CCB06 Acquired: 12/15/2018 19:06:45 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-27781L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	.00158	.00187	.00025	-.00051	-.00991	-.00023
Stddev	.00129	.00051	.00055	.00116	.00004	.00035	.00023
%RSD	67.288	32.209	29.232	467.02	7.9127	3.5405	100.04

#1	-.00284	.00194	.00149	.00107	-.00048	-.01016	-.00007
#2	-.00101	.00122	.00226	-.00057	-.00054	-.00966	-.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00002	-.01576	.00013	-.00007	-.00008	-.00967
Stddev	.00003	.00004	.00886	.00034	.00006	.00001	.00215
%RSD	683.70	274.74	56.202	256.82	81.872	14.377	22.205

#1	-.00002	.00002	-.02202	-.00011	-.00003	-.00008	-.00815
#2	.00002	-.00005	-.00949	.00037	-.00011	-.00007	-.01118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00912	-.00011	.00029	-.02488	-.00008	.00273
Stddev	.00002	.03917	.00007	.00053	.00270	.00005	.00026
%RSD	64.886	429.49	59.066	181.13	10.848	65.050	9.4047

#1	.00002	-.03682	-.00016	.00066	-.02297	-.00012	.00291
#2	.00004	.01858	-.00007	-.00008	-.02679	-.00004	.00255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00052	-.00512	-.00162	.00366	-.00081	.00095
Stddev	.02117	.00006	.00628	.00388	.00272	.00029	.00005
%RSD	529.25	11.417	122.59	239.43	74.434	35.874	5.3013

#1	-.01097	.00056	-.00956	-.00436	.00558	-.00061	.00098
#2	.01897	.00048	-.00068	.00112	.00173	-.00102	.00091

Sample Name: CCB06 Acquired: 12/15/2018 19:06:45 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-27781L Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.0002	.00016	F 1.9401	F<.00000
Stddev	.00150	.0006	.00005	.2413	.22937
%RSD	680.69	268.6	30.421	12.437	24.682

#1	-.00128	.0007	.00012	2.1108	-1.0915
#2	.00084	-.0002	.00019	1.7695	-.76711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.2	42487.	4019.4	96.683	3675.1
Stddev	4.8	306.	18.2	1.343	9.7
%RSD	.15584	.72075	.45364	1.3896	.26407

#1	3081.6	42270.	4032.3	95.733	3682.0
#2	3074.8	42703.	4006.5	97.633	3668.2

Sample Name: J6305-03 Acquired: 12/15/2018 19:10:50 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW003-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00932	-.00364	.06040	.00443	.11272	14.490	1.1161	.00032
Stddev	.00045	.00156	.00171	.00393	.00117	.500	.0070	.00011
%RSD	4.8644	42.973	2.8382	88.747	1.0378	3.4516	.62441	33.148

#1	.00900	-.00253	.06162	.00165	.11189	14.844	1.1210	.00040
#2	.00964	-.00474	.05919	.00721	.11355	14.137	1.1112	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	449.61	.02329	.01028	.11754	23.788	.86890	35.142
Stddev	.00002	.42	.00085	.00032	.00009	.543	.03641	.145
%RSD	3.2375	.09413	3.6406	3.1189	.07517	2.2847	4.1904	.41346

#1	.00050	449.91	.02389	.01051	.11748	23.404	.89465	35.245
#2	.00048	449.31	.02269	.01006	.11761	24.172	.84315	35.039

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02722	-.00003	155.27	.06856	2.0203	23.831	.47356	3.2814
Stddev	.00054	.00020	.69	.00220	.0424	.116	.00284	.0108
%RSD	1.9788	708.30	.44564	3.2015	2.0990	.48807	.59875	.32965

#1	.02760	-.00017	155.76	.07011	1.9903	23.914	.47557	3.2737
#2	.02684	.00011	154.78	.06701	2.0502	23.749	.47156	3.2890

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 87.973	F 31.467	-.02569	.46566	.06950	.7614	2.0650	4.8077
Stddev	.460	.243	.00062	.00253	.00049	.0016	.0073	1.1166
%RSD	.52256	.77114	2.3993	.54341	.70615	.2037	.35522	23.225

#1	88.298	31.639	-.02525	.46387	.06915	.7625	2.0702	5.5972
#2	87.647	31.296	-.02612	.46745	.06985	.7603	2.0598	4.0182

Sample Name: J6305-03 Acquired: 12/15/2018 19:10:50 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-SW003-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.4059
Stddev	1.6914
%RSD	26.403

#1	5.2099
#2	7.6019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.0	37791.	3851.2	85.334	2882.7
Stddev	19.4	1448.	13.4	1.476	26.6
%RSD	.72564	3.8313	.34747	1.7295	.92260

#1	2659.2	36767.	3841.8	86.377	2863.9
#2	2686.7	38815.	3860.7	84.290	2901.5

Sample Name: J6305-04 Acquired: 12/15/2018 19:14:46 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06225	-.00824	.02266	.00660	.03116	6.5597	.47364	.00016
Stddev	.00046	.00077	.00185	.00034	.00094	.0614	.00485	.00003
%RSD	.73529	9.3148	8.1501	5.1258	3.0165	.93576	1.0237	20.501
#1	.06192	-.00878	.02397	.00636	.03182	6.5163	.47707	.00014
#2	.06257	-.00770	.02136	.00684	.03049	6.6031	.47021	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	1718.5	.03063	.00708	.03205	13.655	4.1491	124.53
Stddev	.00000	19.6	.00044	.00014	.00079	.052	.0006	.65
%RSD	.18680	1.1407	1.4387	1.9997	2.4801	.38178	.01400	.52459
#1	.00153	1704.7	.03094	.00698	.03262	13.618	4.1495	124.07
#2	.00153	1732.4	.03032	.00718	.03149	13.692	4.1487	124.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02710	-.00004	363.68	.06230	.28839	55.631	.09807	8.9965
Stddev	.00019	.00042	1.73	.00037	.00201	.240	.00092	.0624
%RSD	.68464	1066.3	.47672	.58902	.69534	.43065	.93619	.69373
#1	.02696	-.00033	362.46	.06256	.28981	55.462	.09872	8.9524
#2	.02723	.00026	364.91	.06204	.28697	55.800	.09743	9.0406
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 893.88	F 42.100	-.33278	.14331	.05248	.9516	6.3428	7.3768
Stddev	9.14	.005	.00464	.00130	.00105	.0112	.0149	.1063
%RSD	1.0231	.01127	1.3956	.90706	1.9956	1.176	.23552	1.4410
#1	900.35	42.096	-.33607	.14239	.05174	.9595	6.3534	7.4520
#2	887.41	42.103	-.32950	.14423	.05322	.9437	6.3322	7.3017

Sample Name: J6305-04 Acquired: 12/15/2018 19:14:46 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.900
Stddev	.486
%RSD	3.0536

#1	15.557
#2	16.243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.8	34860.	3914.9	87.296	2644.0
Stddev	27.9	179.	13.3	.476	29.0
%RSD	1.1031	.51403	.33938	.54519	1.0959

#1	2511.1	34734.	3905.5	86.959	2623.5
#2	2550.6	34987.	3924.3	87.632	2664.5

Sample Name: J6305-04DUP Acquired: 12/15/2018 19:19:02 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06950	-.00615	.02445	.00647	.03184	6.7941	.50286	.00014
Stddev	.00175	.00063	.00177	.00192	.00056	.1718	.02137	.00005
%RSD	2.5250	10.257	7.2312	29.617	1.7507	2.5280	4.2504	35.004
#1	.06825	-.00570	.02320	.00512	.03145	6.9156	.51798	.00011
#2	.07074	-.00659	.02570	.00783	.03224	6.6727	.48775	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	F 1815.9	.03110	.00698	.03324	14.467	4.3068	131.08
Stddev	.00005	27.8	.00082	.00007	.00058	.240	.0867	3.39
%RSD	3.0470	1.5305	2.6279	1.0521	1.7565	1.6564	2.0132	2.5890
#1	.00149	1835.5	.03168	.00693	.03366	14.636	4.3681	133.48
#2	.00155	1796.2	.03052	.00703	.03283	14.297	4.2455	128.68
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02787	-.00091	382.93	.06564	.30246	59.105	.10170	9.5328
Stddev	.00076	.00015	6.10	.00154	.00345	1.871	.00071	.2437
%RSD	2.7100	16.237	1.5941	2.3488	1.1395	3.1661	.69788	2.5567
#1	.02840	-.00102	387.25	.06674	.30489	60.428	.10120	9.7052
#2	.02733	-.00081	378.62	.06455	.30002	57.782	.10220	9.3605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 933.50	F 44.918	-.34752	.14474	.06046	1.000	6.5611	7.9316
Stddev	.93	1.109	.00115	.00818	.00040	.000	.0169	.4935
%RSD	.09970	2.4692	.33112	5.6536	.65862	.0044	.25742	6.2221
#1	934.16	45.702	-.34834	.15053	.06018	1.000	6.5730	8.2805
#2	932.84	44.134	-.34671	.13896	.06074	1.000	6.5491	7.5826

Sample Name: J6305-04DUP Acquired: 12/15/2018 19:19:02 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.482
Stddev	.330
%RSD	2.0035

#1	16.716
#2	16.249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.1	34043.	3739.1	83.359	2546.9
Stddev	6.0	749.	96.9	1.377	5.1
%RSD	.24560	2.2003	2.5913	1.6520	.20205

#1	2437.9	33513.	3670.6	82.385	2543.2
#2	2446.4	34572.	3807.6	84.332	2550.5

Sample Name: J6305-04LX5 Acquired: 12/15/2018 19:23:18 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01172	-.00319	.00787	-.00068	.00360	1.4051	.14125	.00002
Stddev	.00233	.00002	.00093	.00088	.00188	.0174	.00056	.00002
%RSD	19.837	.70265	11.834	129.71	52.185	1.2394	.39409	72.970

#1	.01336	-.00321	.00853	-.00006	.00227	1.3928	.14164	.00003
#2	.01008	-.00318	.00722	-.00131	.00492	1.4174	.14085	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	405.93	.00529	.00143	.03364	3.1648	1.0640	32.857
Stddev	.00002	2.26	.00016	.00008	.00097	.0387	.0032	.104
%RSD	14.003	.55624	3.0262	5.4809	2.8980	1.2222	.30081	.31575

#1	.00012	407.53	.00541	.00149	.03433	3.1922	1.0663	32.931
#2	.00014	404.34	.00518	.00137	.03295	3.1375	1.0618	32.784

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00446	-.00031	184.62	.01291	.08011	13.883	.02105	1.9500
Stddev	.00051	.00017	1.44	.00036	.00305	.062	.00030	.0151
%RSD	11.373	55.476	.77995	2.7594	3.8050	.44537	1.4473	.77429

#1	.00410	-.00043	185.64	.01316	.08226	13.927	.02126	1.9607
#2	.00481	-.00019	183.61	.01266	.07795	13.839	.02083	1.9393

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 200.17	F 10.230	-.07557	.02322	.01376	.4299	1.4609	4.5130
Stddev	2.68	.103	.00112	.00056	.00033	.0055	.0062	.0928
%RSD	1.3367	1.0088	1.4803	2.4178	2.3919	1.273	.42317	2.0563

#1	202.06	10.303	-.07636	.02283	.01353	.4338	1.4652	4.5786
#2	198.27	10.157	-.07478	.02362	.01399	.4260	1.4565	4.4474

Sample Name: J6305-04LX5 Acquired: 12/15/2018 19:23:18 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8712
Stddev	.1794
%RSD	3.6828

#1	4.7444
#2	4.9981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.2	38612.	3941.8	89.448	3012.6
Stddev	24.9	145.	35.2	2.454	27.3
%RSD	.89291	.37425	.89200	2.7432	.90603

#1	2768.6	38509.	3916.9	87.713	2993.3
#2	2803.8	38714.	3966.6	91.183	3031.9

Sample Name: J6305-05 Acquired: 12/15/2018 19:27:22 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88459	1.6693	.89664	2.1280	.82669	11.296	.67578	.19886
Stddev	.00983	.0027	.00489	.0060	.00736	.193	.00999	.00118
%RSD	1.1118	.16015	.54564	.28056	.89045	1.7125	1.4777	.59178

#1	.89154	1.6711	.89318	2.1323	.83190	11.433	.66871	.19803
#2	.87763	1.6674	.90010	2.1238	.82148	11.159	.68284	.19969

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17635	1776.5	.38555	.19236	.30385	16.979	4.3588	128.03
Stddev	.00044	64.2	.00293	.00002	.00269	.014	.0147	3.76
%RSD	.25074	3.6137	.76098	.01267	.88578	.08123	.33613	2.9333

#1	.17604	1731.1	.38347	.19237	.30575	16.969	4.3484	125.38
#2	.17666	1821.9	.38762	.19234	.30194	16.989	4.3691	130.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46670	.07242	373.96	.35077	.47524	67.310	.46583	9.4891
Stddev	.00048	.00052	10.04	.00088	.00667	1.245	.00250	.1274
%RSD	.10376	.72259	2.6837	.25075	1.4032	1.8498	.53727	1.3426

#1	.46636	.07205	366.86	.35139	.47053	66.430	.46760	9.3991
#2	.46705	.07279	381.05	.35015	.47996	68.190	.46406	9.5792

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 915.88	F 46.295	.26369	.34344	.25879	6.995	6.6597	7.9306
Stddev	.67	1.365	.00217	.00938	.00368	.018	.2009	.1188
%RSD	.07272	2.9481	.82317	2.7310	1.4236	.2564	3.0170	1.4977

#1	916.35	45.330	.26216	.33681	.25618	6.983	6.5176	7.8467
#2	915.41	47.260	.26523	.35008	.26139	7.008	6.8018	8.0146

Sample Name: J6305-05 Acquired: 12/15/2018 19:27:22 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.559
Stddev	.779
%RSD	5.7451

#1	14.110
#2	13.008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.4	33929.	3756.6	84.555	2512.6
Stddev	42.7	46.	96.3	.235	29.0
%RSD	1.7772	.13631	2.5625	.27839	1.1556

#1	2373.2	33962.	3824.7	84.721	2492.1
#2	2433.6	33897.	3688.5	84.389	2533.2

Sample Name: J6305-06 Acquired: 12/15/2018 19:31:27 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84951	1.6203	.87449	2.0473	.79139	10.924	.66908	.19181
Stddev	.00952	.0165	.01275	.0396	.01767	.318	.00307	.00526
%RSD	1.1207	1.0167	1.4578	1.9326	2.2326	2.9111	.45813	2.7437
#1	.85624	1.6320	.88350	2.0753	.80388	10.700	.67124	.18809
#2	.84278	1.6087	.86547	2.0194	.77889	11.149	.66691	.19553
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17161	1733.7	.37173	.18548	.29309	17.193	4.2035	126.50
Stddev	.00214	21.7	.01038	.00173	.00288	.083	.1104	.67
%RSD	1.2469	1.2505	2.7936	.93193	.98100	.48017	2.6256	.52889
#1	.17312	1718.4	.36439	.18670	.29512	17.251	4.1255	126.03
#2	.17010	1749.1	.37908	.18426	.29106	17.134	4.2816	126.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45471	.07080	369.81	.33766	.48766	66.824	.44883	9.3340
Stddev	.00912	.00166	.05	.00946	.00211	.246	.00678	.0015
%RSD	2.0060	2.3402	.01303	2.8009	.43219	.36830	1.5116	.01638
#1	.46116	.06963	369.85	.33098	.48915	66.998	.45362	9.3351
#2	.44826	.07197	369.78	.34435	.48617	66.650	.44403	9.3329
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 886.82	F 45.496	.25897	.33471	.25468	6.785	6.5817	7.5780
Stddev	13.22	.539	.00189	.00182	.00042	.093	.1181	.2538
%RSD	1.4904	1.1849	.73106	.54345	.16525	1.375	1.7939	3.3493
#1	896.16	45.877	.26031	.33342	.25439	6.851	6.6652	7.3985
#2	877.47	45.115	.25763	.33599	.25498	6.719	6.4982	7.7575

Sample Name: J6305-06 Acquired: 12/15/2018 19:31:27 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.617
Stddev	.829
%RSD	6.0843

#1	13.031
#2	14.203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.0	34695.	3760.8	82.257	2597.7
Stddev	49.8	882.	29.0	.946	49.7
%RSD	1.9954	2.5433	.76993	1.1505	1.9138

#1	2460.8	35319.	3740.3	81.588	2562.5
#2	2531.2	34071.	3781.3	82.926	2632.8

Sample Name: J6305-04A Acquired: 12/15/2018 19:35:31 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85823	1.6294	.87761	2.0617	.79817	10.914	.65272	.19493
Stddev	.00359	.0021	.00384	.0053	.00068	.172	.00952	.00044
%RSD	.41825	.12972	.43699	.25885	.08519	1.5726	1.4588	.22374

#1	.86077	1.6309	.87490	2.0579	.79865	10.792	.65946	.19462
#2	.85569	1.6279	.88032	2.0654	.79769	11.035	.64599	.19523

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17291	1708.2	.37979	.18759	.29560	16.258	4.2787	124.39
Stddev	.00028	22.6	.00331	.00033	.00111	.135	.0120	1.29
%RSD	.16352	1.3206	.87037	.17503	.37472	.83293	.27921	1.0333

#1	.17271	1724.1	.37745	.18736	.29638	16.354	4.2702	125.29
#2	.17311	1692.2	.38213	.18782	.29482	16.162	4.2871	123.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45701	.07139	364.54	.34349	.46110	65.127	.45271	9.1922
Stddev	.00131	.00017	4.83	.00087	.00420	.829	.00163	.0788
%RSD	.28749	.23240	1.3241	.25275	.91012	1.2723	.36103	.85683

#1	.45794	.07127	367.95	.34287	.46406	65.713	.45387	9.2479
#2	.45608	.07151	361.12	.34410	.45813	64.541	.45156	9.1365

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 892.39	F 45.234	.26023	.32971	.24953	6.808	6.4583	7.7631
Stddev	2.92	.717	.00123	.00608	.00167	.013	.1226	.0917
%RSD	.32752	1.5852	.47209	1.8440	.66880	.1867	1.8985	1.1808

#1	894.46	45.741	.25936	.33401	.25071	6.817	6.5450	7.6982
#2	890.32	44.727	.26110	.32541	.24835	6.799	6.3716	7.8279

Sample Name: J6305-04A Acquired: 12/15/2018 19:35:31 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-3B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.582
Stddev	.581
%RSD	4.2769

#1	13.171
#2	13.993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.9	34322.	3799.9	86.915	2577.1
Stddev	32.3	50.	78.8	1.601	29.1
%RSD	1.3045	.14541	2.0740	1.8426	1.1272

#1	2450.1	34357.	3744.1	85.782	2556.6
#2	2495.7	34287.	3855.6	88.047	2597.7

Sample Name: J6305-07 Acquired: 12/15/2018 19:39:34 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07066	-.00943	.03415	.00974	.03347	11.277	.53143	.00019
Stddev	.00439	.00184	.00173	.00667	.00098	.165	.00668	.00002
%RSD	6.2176	19.519	5.0751	68.494	2.9267	1.4603	1.2579	8.5754

#1	.06755	-.01073	.03292	.01445	.03278	11.161	.53616	.00018
#2	.07376	-.00813	.03538	.00502	.03417	11.394	.52671	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	1785.7	.02664	.01047	.05574	21.814	4.4711	130.04
Stddev	.00033	11.8	.00025	.00019	.00158	.482	.0024	1.21
%RSD	5.2432	.66204	.92271	1.7906	2.8379	2.2100	.05252	.93262

#1	.00609	1794.1	.02682	.01033	.05462	22.155	4.4694	130.89
#2	.00656	1777.4	.02647	.01060	.05686	21.473	4.4727	129.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02459	-.00102	375.02	.08641	.40811	58.217	.10099	9.3288
Stddev	.00052	.00001	4.34	.00071	.01130	.645	.00244	.0411
%RSD	2.1018	1.4005	1.1573	.81970	2.7684	1.1082	2.4143	.44052

#1	.02422	-.00101	378.09	.08591	.41610	58.674	.09926	9.3578
#2	.02495	-.00103	371.95	.08691	.40012	57.761	.10271	9.2997

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 938.43	F 48.903	-.34814	.28013	.05998	1.154	6.4282	6.7098
Stddev	23.92	1.196	.00683	.00755	.00172	.032	.0867	.0998
%RSD	2.5493	2.4466	1.9613	2.6935	2.8600	2.755	1.3481	1.4869

#1	921.52	49.749	-.34331	.28547	.05877	1.131	6.4895	6.7803
#2	955.35	48.057	-.35296	.27480	.06119	1.176	6.3669	6.6392

Sample Name: J6305-07 Acquired: 12/15/2018 19:39:34 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.442
Stddev	.304
%RSD	1.7425

#1	17.227
#2	17.657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.2	35424.	3820.7	84.538	2537.9
Stddev	34.7	7.	87.6	2.704	49.9
%RSD	1.4132	.01957	2.2932	3.1982	1.9657

#1	2477.7	35419.	3758.7	82.627	2573.2
#2	2428.7	35429.	3882.6	86.450	2502.7

Sample Name: J6305-08 Acquired: 12/15/2018 19:43:51 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW005-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00895	-.00572	.01027	.00360	.02601	.04597	1.5623	-.00017
Stddev	.00075	.00132	.00142	.00027	.00050	.02810	.0209	.00002
%RSD	8.4120	23.079	13.860	7.4728	1.9113	61.124	1.3382	13.000

#1	.00948	-.00665	.00926	.00379	.02637	.06584	1.5771	-.00019
#2	.00842	-.00478	.01127	.00341	.02566	.02610	1.5475	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	526.86	-.00142	.00499	.01425	.95363	7.4118	30.554
Stddev	.00014	5.61	.00020	.00028	.00034	.00755	.0008	.070
%RSD	66.614	1.0648	14.348	5.5634	2.3988	.79191	.01080	.22749

#1	.00031	530.82	-.00157	.00518	.01449	.94829	7.4113	30.603
#2	.00011	522.89	-.00128	.00479	.01401	.95897	7.4124	30.505

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01205	.00098	248.17	.01695	.09303	38.023	.16464	4.6885
Stddev	.00111	.00015	3.32	.00051	.00007	.269	.00100	.0295
%RSD	9.1805	15.279	1.3380	2.9844	.07114	.70687	.60645	.62950

#1	.01127	.00087	250.52	.01731	.09307	38.213	.16534	4.7094
#2	.01283	.00108	245.82	.01659	.09298	37.833	.16393	4.6676

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.57	F 24.791	-.04548	-.00390	.08941	.5390	3.1727	4.5796
Stddev	.49	.281	.00166	.00140	.00096	.0046	.0405	.1428
%RSD	.40035	1.1318	3.6493	35.865	1.0768	.8499	1.2754	3.1175

#1	122.92	24.989	-.04665	-.00291	.08873	.5422	3.2014	4.6805
#2	122.22	24.593	-.04431	-.00489	.09009	.5357	3.1441	4.4786

Sample Name: J6305-08 Acquired: 12/15/2018 19:43:51 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW005-0 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.1356
Stddev .2202
%RSD 4.2879

#1 5.2913
#2 4.9799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.7	38110.	3879.8	90.879	3025.4
Stddev	38.6	245.	72.4	.960	44.5
%RSD	1.3899	.64220	1.8650	1.0569	1.4713

#1	2753.4	37937.	3828.6	90.200	2993.9
#2	2808.0	38283.	3930.9	91.558	3056.9

Sample Name: J6335-02 Acquired: 12/15/2018 19:48:03 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00058	-.00219	.00288	-.00024	1.2972	.00733	.00010
Stddev	.00081	.00015	.00017	.00133	.00056	.0093	.00005	.00005
%RSD	1476.6	25.244	7.5879	46.169	236.64	.71887	.69167	54.348

#1	-.00063	.00069	-.00230	.00194	-.00063	1.3038	.00737	.00014
#2	.00052	.00048	-.00207	.00382	.00016	1.2906	.00729	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	2.3460	.01143	.00063	.00353	3.5960	.02514	.52878
Stddev	.00001	.0108	.00096	.00007	.00014	.0158	.00022	.02056
%RSD	39.719	.45909	8.3622	10.503	3.8873	.43871	.87940	3.8876

#1	-.00004	2.3536	.01211	.00068	.00363	3.6071	.02530	.51424
#2	-.00002	2.3384	.01076	.00059	.00343	3.5848	.02498	.54332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	-.00034	28.282	.00381	.01204	.80867	.00080	.03010
Stddev	.00017	.00009	.218	.00058	.00034	.01647	.00000	.00182
%RSD	2.9994	27.656	.77099	15.354	2.8100	2.0361	.60860	6.0612

#1	.00561	-.00027	28.436	.00422	.01228	.82031	.00079	.03139
#2	.00585	-.00040	28.128	.00340	.01180	.79702	.00080	.02881

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6453	3.9708	-.00321	.02401	.00020	.0545	.02882	<.00000
Stddev	.0050	.0211	.00038	.00168	.00099	.0005	.00019	.35812
%RSD	.10777	.53191	11.966	7.0075	495.16	.9657	.64518	656.85

#1	4.6418	3.9858	-.00294	.02520	.00090	.0549	.02869	.19871
#2	4.6489	3.9559	-.00348	.02282	-.00050	.0541	.02895	-.30775

Sample Name: J6335-02 Acquired: 12/15/2018 19:48:03 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .29100
%RSD 34.544

#1 -.63665
#2 -1.0482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.1	45188.	4386.1	105.60	3807.3
Stddev	3.5	556.	34.2	2.80	4.5
%RSD	.10805	1.2309	.77888	2.6553	.11925

#1	3250.5	44795.	4361.9	103.62	3810.5
#2	3245.6	45582.	4410.2	107.59	3804.1

Sample Name: CCV07 Acquired: 12/15/2018 19:52:06 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7804 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0671	5.0371	5.0477	5.0648	5.0987	10.026	10.061	.24991
Stddev	.0174	.0053	.0008	.0206	.0145	.010	.049	.00126
%RSD	.34283	.10605	.01493	.40618	.28484	.10309	.48448	.50338
#1	5.0794	5.0333	5.0472	5.0794	5.1090	10.034	10.096	.24902
#2	5.0548	5.0409	5.0483	5.0503	5.0885	10.019	10.027	.25080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5000	25.733	1.0044	2.4997	1.2696	4.9105	2.5246	25.462
Stddev	.0027	.130	.0031	.0032	.0044	.0076	.0008	.039
%RSD	.10616	.50535	.30635	.12731	.34637	.15424	.03126	.15235
#1	2.4981	25.641	1.0066	2.4974	1.2727	4.9158	2.5240	25.490
#2	2.5019	25.825	1.0022	2.5019	1.2665	4.9051	2.5251	25.435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4920	1.2612	24.805	2.5102	2.4467	24.992	5.0981	4.9843
Stddev	.0020	.0022	.121	.0077	.0224	.104	.0116	.0134
%RSD	.08190	.17861	.48934	.30787	.91464	.41472	.22666	.26842
#1	2.4906	1.2628	24.890	2.5047	2.4625	25.066	5.1063	4.9938
#2	2.4935	1.2596	24.719	2.5156	2.4309	24.919	5.0900	4.9749
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1563	5.1321	4.9920	5.0387	4.8313	5.036	5.0536	F 2.0852
Stddev	.0302	.0207	.0080	.0170	.0185	.005	.0122	.1934
%RSD	.58535	.40374	.16013	.33715	.38299	.1006	.24202	9.2739
#1	5.1777	5.1467	4.9863	5.0267	4.8444	5.033	5.0623	2.2219
#2	5.1350	5.1174	4.9976	5.0507	4.8182	5.040	5.0450	1.9484

Sample Name: CCV07 Acquired: 12/15/2018 19:52:06 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7804 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6482
Stddev .1515
%RSD 5.7216

#1 2.5410
#2 2.7553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.8	42737.	4234.5	98.387	3352.1
Stddev	11.2	150.	33.8	1.008	.2
%RSD	.36400	.35155	.79924	1.0242	.00708

#1	3069.9	42631.	4210.6	97.674	3352.0
#2	3085.7	42844.	4258.4	99.100	3352.3

Sample Name: CCB07 Acquired: 12/15/2018 19:55:51 Type: Unk
Method: P4-ICP2(v2656) 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	-.00191	.00121	-.00073	.00211	-.00225	-.00094	-.00025
Stddev	.00062	.00085	.00016	.00075	.00062	.02325	.00036
%RSD	32.240	70.116	21.582	35.579	27.413	2480.1	146.34

#1	-.00148	.00061	-.00062	.00265	-.00268	-.01738	-.00050
#2	-.00235	.00182	-.00084	.00158	-.00181	.01550	.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00004	-.00579	.00018	-.00002	.00004	-.00349
Stddev	.00006	.00008	.00633	.00005	.00043	.00035	.00467
%RSD	4791.1	208.48	109.30	28.549	1879.0	908.19	133.75

#1	.00004	.00009	-.00131	.00021	.00028	.00029	-.00019
#2	-.00005	-.00002	-.01026	.00014	-.00033	-.00021	-.00680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01715	.00004	.00010	.05426	-.00003	.00031
Stddev	.00002	.01419	.00002	.00080	.00634	.00020	.00025
%RSD	160.86	82.750	42.728	786.52	11.692	624.39	79.545

#1	.00003	-.00712	.00003	-.00046	.04978	.00011	.00049
#2	-.00000	-.02719	.00006	.00067	.05875	-.00018	.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06434	.00052	.00071	F .12916	.01761	-.00126	.00149
Stddev	.00403	.00001	.00282	.00178	.00027	.00063	.00076
%RSD	6.2652	1.1675	396.36	1.3764	1.5253	49.716	50.681

#1	.06719	.00052	.00270	.12791	.01742	-.00082	.00202
#2	.06149	.00052	-.00128	.13042	.01780	-.00170	.00096

Sample Name: CCB07 Acquired: 12/15/2018 19:55:51 Type: Unk
 Method: P4-ICP2(v2656) 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	.00039	.0003	.00008	F .00861	F<.00000
Stddev	.00088	.0009	.00011	.21749	.20804
%RSD	226.13	345.6	124.30	2525.0	21.987

#1	-.00023	-.0004	.00016	.16240	-.79911
#2	.00101	.0009	.00001	-.14518	-1.0933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.2	44755.	4251.3	103.45	3802.0
Stddev	20.8	203.	38.1	1.74	5.5
%RSD	.64784	.45335	.89619	1.6860	.14531

#1	3195.5	44611.	4224.4	102.22	3798.1
#2	3224.9	44898.	4278.3	104.68	3805.9

Sample Name: J6335-04 Acquired: 12/15/2018 19:59:56 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	.00090	-.00233	.00238	-.00101	.06217	.00293	-.00003
Stddev	.00641	.00045	.00011	.00428	.00103	.00342	.00073	.00003
%RSD	232.45	50.013	4.8968	179.68	101.89	5.5010	25.004	78.757

#1	.00177	.00058	-.00225	-.00064	-.00028	.05975	.00241	-.00001
#2	-.00729	.00122	-.00241	.00541	-.00175	.06459	.00345	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	4.4419	.00590	-.00011	.00143	.10902	.00304	.48383
Stddev	.00002	.0196	.00076	.00012	.00008	.00407	.00003	.01594
%RSD	39.218	.44142	12.952	109.13	5.5095	3.7348	.96894	3.2941

#1	-.00003	4.4558	.00536	-.00019	.00149	.10614	.00302	.49510
#2	-.00005	4.4281	.00644	-.00002	.00137	.11190	.00306	.47256

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00006	29.266	.00020	.01517	.63120	.00056	.01628
Stddev	.00017	.00027	.008	.00019	.00072	.00765	.00037	.00342
%RSD	9.4572	481.53	.02816	97.031	4.7368	1.2125	66.491	20.983

#1	.00172	.00014	29.272	.00034	.01466	.63662	.00082	.01870
#2	.00197	-.00025	29.260	.00006	.01568	.62579	.00030	.01387

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0856	2.8073	-.00356	.00150	.00011	.0051	.04333	.99523
Stddev	.0115	.0124	.00019	.00112	.00004	.0003	.00041	.34101
%RSD	.18827	.44111	5.3813	75.072	41.093	6.828	.95168	34.264

#1	6.0775	2.8160	-.00343	.00229	.00008	.0053	.04304	.75410
#2	6.0937	2.7985	-.00370	.00070	.00014	.0048	.04362	1.2364

Sample Name: J6335-04 Acquired: 12/15/2018 19:59:56 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .37536
%RSD 92.334

#1 -.67195
#2 -.14111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.5	43372.	4150.1	99.328	3684.2
Stddev	10.7	73.	.2	3.516	20.3
%RSD	.34214	.16863	.00574	3.5397	.55070

#1	3114.9	43423.	4150.3	101.81	3669.8
#2	3130.0	43320.	4150.0	96.842	3698.5

Sample Name: J6335-06 Acquired: 12/15/2018 20:03:59 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00347	-.00050	-.00115	.00228	-.00164	.03646	.34714	-.00003
Stddev	.00261	.00032	.00002	.00045	.00056	.00583	.00215	.00007
%RSD	75.236	64.379	2.1570	19.688	34.225	15.987	.61995	202.64

#1	-.00532	-.00027	-.00113	.00196	-.00204	.03233	.34866	-.00008
#2	-.00163	-.00072	-.00116	.00260	-.00125	.04058	.34562	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	49.838	.01587	-.00027	-.00018	.12470	.06689	12.066
Stddev	.00016	.344	.00025	.00024	.00047	.00270	.00009	.120
%RSD	174.11	.68989	1.5785	87.991	263.35	2.1630	.14173	.99527

#1	.00020	50.081	.01569	-.00044	.00015	.12280	.06682	12.151
#2	-.00002	49.595	.01604	-.00010	-.00051	.12661	.06695	11.982

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00003	52.729	.00009	.01261	6.8736	.00009	.08083
Stddev	.00015	.00027	.422	.00038	.00009	.0475	.00009	.00269
%RSD	42.917	800.22	.80045	420.99	.73556	.69087	98.276	3.3233

#1	.00047	-.00016	53.027	-.00018	.01254	6.9072	.00016	.07893
#2	.00025	.00023	52.430	.00036	.01268	6.8400	.00003	.08273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.778	7.6948	-.00912	.00155	-.00099	.0957	.45546	1.8907
Stddev	.175	.0538	.00000	.00139	.00028	.0019	.00415	.0093
%RSD	.84386	.69895	.02074	89.462	28.353	2.033	.91190	.49242

#1	20.902	7.7328	-.00912	.00057	-.00119	.0970	.45840	1.8842
#2	20.654	7.6568	-.00912	.00254	-.00079	.0943	.45252	1.8973

Sample Name: J6335-06 Acquired: 12/15/2018 20:03:59 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.94874
Stddev	.29263
%RSD	30.844

#1	.74182
#2	1.1557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.7	41631.	3985.7	95.708	3443.6
Stddev	38.2	42.	37.8	.340	47.4
%RSD	1.2669	.10133	.94909	.35541	1.3758

#1	2989.7	41601.	3958.9	95.468	3410.1
#2	3043.7	41661.	4012.4	95.949	3477.1

Sample Name: J6335-08 Acquired: 12/15/2018 20:08:01 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	.00003	-.00025	.00843	-.00147	.02813	.26923	-.00002
Stddev	.00026	.00045	.00027	.00096	.00020	.00281	.00065	.00000
%RSD	7.0470	1443.4	107.04	11.405	13.549	9.9898	.23979	18.456

#1	-.00391	-.00029	-.00006	.00775	-.00133	.03012	.26878	-.00001
#2	-.00354	.00035	-.00045	.00911	-.00162	.02614	.26969	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	111.78	.00271	.00008	.00186	.03003	.00265	25.037
Stddev	.00004	.49	.00015	.00025	.00032	.00120	.00006	.196
%RSD	9.7780	.43712	5.6377	303.75	17.465	4.0077	2.2335	.78284

#1	.00041	111.44	.00260	.00026	.00163	.02918	.00261	24.898
#2	.00036	112.13	.00281	-.00010	.00209	.03088	.00270	25.175

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00031	128.22	.00040	.00893	16.252	.00024	.04924
Stddev	.00005	.00003	.15	.00028	.00019	.010	.00015	.00629
%RSD	23.988	10.490	.11806	71.554	2.1735	.05974	62.036	12.769

#1	.00016	-.00033	128.11	.00060	.00907	16.258	.00013	.05369
#2	.00022	-.00029	128.33	.00020	.00879	16.245	.00034	.04480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.149	5.0198	-.00468	-.00100	.00106	.0091	.76202	3.0921
Stddev	.052	.0067	.00075	.00098	.00201	.0013	.00022	.5783
%RSD	.51127	.13389	16.082	98.084	189.80	13.97	.02823	18.702

#1	10.186	5.0150	-.00521	-.00170	-.00036	.0082	.76187	2.6832
#2	10.112	5.0245	-.00414	-.00031	.00249	.0100	.76218	3.5010

Sample Name: J6335-08 Acquired: 12/15/2018 20:08:01 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6240
Stddev	.2829
%RSD	17.419

#1	1.8241
#2	1.4240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2920.1	39892.	3939.2	95.491	3252.1
Stddev	17.0	1136.	9.8	2.111	15.9
%RSD	.58112	2.8469	.24979	2.2112	.48856

#1	2908.1	40695.	3932.3	93.998	3240.8
#2	2932.1	39089.	3946.2	96.984	3263.3

Sample Name: J6335-10 Acquired: 12/15/2018 20:12:03 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01078	-.00073	-.01384	.01705	-.00359	.99685	.18472
Stddev	.00200	.00074	.00142	.00428	.00122	.01578	.00009
%RSD	18.582	100.71	10.258	25.105	33.833	1.5826	.05091

#1	.00936	-.00125	-.01484	.02008	-.00273	.98569	.18479
#2	.01220	-.00021	-.01283	.01403	-.00445	1.0080	.18466

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00336	122.09	.00155	.03584	.01561	86.716
Stddev	.00004	.00046	.48	.00001	.00080	.00237	2.636
%RSD	5.0608	13.812	.39281	.71078	2.2280	15.179	3.0392

#1	.00082	.00303	122.43	.00156	.03528	.01393	88.580
#2	.00076	.00368	121.75	.00154	.03641	.01728	84.852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90944	15.803	.00752	-.00086	155.87	.00602	.11241
Stddev	.00166	.080	.00049	.00024	.05	.00043	.00251
%RSD	.18257	.50333	6.4835	28.338	.03225	7.1454	2.2336

#1	.90826	15.859	.00718	-.00069	155.84	.00572	.11418
#2	.91061	15.746	.00787	-.00103	155.91	.00633	.11063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1406	-.00055	.11570	F 58.942	9.1102	-.02193	-.00156
Stddev	.0414	.00002	.00733	1.079	.0366	.00097	.00036
%RSD	.45257	3.7102	6.3329	1.8310	.40140	4.4264	23.236

#1	9.1114	-.00054	.12088	58.179	9.0843	-.02124	-.00182
#2	9.1699	-.00056	.11052	59.705	9.1361	-.02262	-.00131

Sample Name: J6335-10 Acquired: 12/15/2018 20:12:03 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00486	.1352	.58703	2.7101	F<.00000
Stddev	.00117	.0012	.00022	.2615	.95500
%RSD	24.092	.9191	.03814	9.6475	26.725

#1	.00569	.1343	.58719	2.5252	-2.8981
#2	.00403	.1361	.58688	2.8950	-4.2487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.0	39797.	3937.1	89.985	3081.1
Stddev	29.3	112.	15.6	2.646	41.5
%RSD	1.0200	.28047	.39605	2.9403	1.3461

#1	2888.7	39718.	3926.0	88.114	3110.4
#2	2847.3	39876.	3948.1	91.856	3051.8

Sample Name: J6335-12 Acquired: 12/15/2018 20:16:03 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00369	-.00108	-.00053	.00732	-.00260	.03994	.25342	-.00003
Stddev	.00165	.00113	.00122	.00126	.00024	.01292	.00007	.00001
%RSD	44.664	104.57	228.34	17.181	9.3341	32.360	.02611	36.751

#1	-.00252	-.00028	.00033	.00643	-.00243	.03080	.25337	-.00003
#2	-.00485	-.00188	-.00139	.00821	-.00277	.04908	.25346	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	104.43	.00347	.00010	.00087	.05121	.00265	23.463
Stddev	.00000	.10	.00009	.00018	.00008	.00080	.00011	.143
%RSD	1.2286	.09420	2.5489	182.13	9.5647	1.5558	4.0234	.61007

#1	.00033	104.36	.00353	-.00003	.00082	.05065	.00257	23.362
#2	.00033	104.50	.00341	.00022	.00093	.05178	.00272	23.564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00048	119.32	.00053	.01076	15.497	.00017	.04290
Stddev	.00003	.00047	.35	.00000	.00009	.070	.00032	.00333
%RSD	14.112	97.696	.29384	.67734	.80930	.45460	188.17	7.7605

#1	.00026	-.00015	119.07	.00053	.01082	15.447	.00039	.04525
#2	.00021	-.00082	119.56	.00052	.01070	15.546	-.00006	.04054

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5952	4.8349	-.00514	.00002	.00022	.0101	.71494	2.9212
Stddev	.0545	.0050	.00060	.00210	.00128	.0003	.00176	.1390
%RSD	.56788	.10432	11.737	8500.7	594.01	3.094	.24668	4.7592

#1	9.6337	4.8314	-.00557	-.00146	-.00069	.0098	.71370	3.0195
#2	9.5567	4.8385	-.00471	.00151	.00112	.0103	.71619	2.8229

Sample Name: J6335-12 Acquired: 12/15/2018 20:16:03 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .99611
 Stddev .75736
 %RSD 76.031

#1 .46058
 #2 1.5316

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.0	40092.	3924.7	94.645	3251.7
Stddev	22.1	134.	7.6	.962	17.6
%RSD	.75742	.33526	.19314	1.0166	.53983

#1	2901.4	40187.	3930.1	93.964	3239.2
#2	2932.6	39997.	3919.3	95.325	3264.1

Sample Name: J6335-14 Acquired: 12/15/2018 20:20:05 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	.00027	-.00165	.00061	-.00090	1.2679	.06651	.00045
Stddev	.00020	.00029	.00092	.00004	.00063	.0670	.00174	.00003
%RSD	8.4016	109.50	55.803	7.4005	70.041	5.2810	2.6189	7.6191

#1	-.00252	.00006	-.00100	.00064	-.00045	1.2205	.06528	.00042
#2	-.00223	.00048	-.00231	.00057	-.00135	1.3152	.06774	.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	7.4676	.00618	.00122	.00381	.34463	.16685	1.9640
Stddev	.00004	.0138	.00000	.00025	.00057	.00199	.00905	.0152
%RSD	15.146	.18493	.02988	20.286	15.092	.57754	5.4269	.77218

#1	.00033	7.4578	.00618	.00105	.00340	.34603	.16044	1.9748
#2	.00026	7.4774	.00618	.00140	.00421	.34322	.17325	1.9533

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00881	-.00040	48.662	.00083	.05124	1.0877	.00064	.01963
Stddev	.00053	.00015	.225	.00004	.00064	.0166	.00011	.00665
%RSD	6.0614	37.772	.46188	4.4563	1.2522	1.5260	16.882	33.856

#1	.00843	-.00029	48.503	.00081	.05170	1.0760	.00071	.02433
#2	.00919	-.00050	48.821	.00086	.05079	1.0995	.00056	.01493

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3885	2.8621	-.00329	.00601	-.00016	.0987	.06422	1.3627
Stddev	.0221	.0583	.00049	.00020	.00113	.0011	.00012	1.2503
%RSD	.34659	2.0375	15.005	3.3717	713.19	1.121	.19359	91.751

#1	6.3728	2.8209	-.00294	.00615	-.00096	.0979	.06413	.47863
#2	6.4041	2.9034	-.00364	.00586	.00064	.0995	.06430	2.2469

Sample Name: J6335-14 Acquired: 12/15/2018 20:20:05 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.11978
Stddev	.25114
%RSD	209.66

#1	-.05780
#2	.29736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.1	41822.	4031.2	95.617	3560.7
Stddev	3.3	1798.	31.8	1.253	4.8
%RSD	.10485	4.2988	.78978	1.3108	.13400

#1	3108.8	43093.	4053.7	94.731	3557.4
#2	3113.5	40551.	4008.7	96.503	3564.1

Sample Name: J6335-16 Acquired: 12/15/2018 20:24:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB03-2018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00443	.00099	-.00300	.00275	-.00070	-.00133	.00050	-.00008
Stddev	.00279	.00027	.00019	.00204	.00104	.01242	.00012	.00014
%RSD	62.967	27.001	6.4001	74.248	148.58	931.69	23.550	171.47

#1	-.00640	.00117	-.00314	.00419	.00004	.00745	.00059	-.00018
#2	-.00246	.00080	-.00286	.00131	-.00143	-.01011	.00042	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02210	.00074	-.00017	-.00053	.00165	.00034	-.01883
Stddev	.00001	.01476	.00015	.00002	.00016	.00520	.00000	.06507
%RSD	45.702	66.815	19.631	11.913	31.239	316.06	.70941	345.59

#1	.00001	.03254	.00085	-.00019	-.00041	.00533	.00034	.02718
#2	.00003	.01166	.00064	-.00016	-.00064	-.00203	.00034	-.06484

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00022	.06865	-.00005	.00951	-.03454	.00013	-.00964
Stddev	.00016	.00012	.00745	.00025	.00020	.02039	.00015	.00548
%RSD	25.615	52.180	10.846	516.69	2.0715	59.037	116.44	56.854

#1	.00051	.00030	.06338	.00013	.00937	-.04896	.00002	-.01352
#2	.00073	.00014	.07391	-.00022	.00965	-.02012	.00024	-.00577

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04643	.01046	-.00140	.00066	-.00222	.0002	.00013	<.00000
Stddev	.00297	.00088	.00078	.00051	.00055	.0002	.00003	.00698
%RSD	6.3982	8.4122	55.690	77.937	25.000	115.6	24.084	2.0940

#1	.04433	.00984	-.00195	.00102	-.00182	.0003	.00015	-.32862
#2	.04853	.01109	-.00085	.00030	-.00261	.0000	.00010	-.33850

Sample Name: J6335-16 Acquired: 12/15/2018 20:24:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB03-2018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .14094
%RSD 18.348

#1 -.86780
#2 -.66848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.7	43935.	4025.8	97.154	3695.4
Stddev	19.0	76.	21.3	.630	22.2
%RSD	.60732	.17269	.52789	.64897	.60162

#1	3143.1	43882.	4010.8	97.600	3711.2
#2	3116.2	43989.	4040.9	96.708	3679.7

Sample Name: J6357-11 Acquired: 12/15/2018 20:28:13 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-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	.02826	.00018	.04842	.04402	.01269	1.2039	.01645	.00005
Stddev	.00302	.00078	.00048	.00028	.00023	.0071	.00041	.00009
%RSD	10.679	432.43	.99618	.64259	1.8184	.58822	2.4933	186.22
#1	.02613	-.00037	.04808	.04422	.01253	1.1989	.01674	.00011
#2	.03040	.00073	.04876	.04382	.01285	1.2089	.01616	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	35.384	.02680	.00404	.51709	2.1330	.07634	15.056
Stddev	.00007	.153	.00011	.00012	.00345	.0443	.00017	.077
%RSD	246.77	.43327	.39504	2.9876	.66674	2.0752	.21685	.51280
#1	.00007	35.276	.02673	.00412	.51465	2.1017	.07646	15.110
#2	-.00002	35.493	.02688	.00395	.51952	2.1643	.07622	15.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01900	.00018	99.706	.06314	.22584	10.241	.01544	.25351
Stddev	.00027	.00023	1.391	.00029	.00092	.055	.00024	.00744
%RSD	1.4453	125.73	1.3947	.45263	.40825	.54142	1.5403	2.9332
#1	.01881	.00035	100.69	.06294	.22518	10.280	.01527	.24825
#2	.01920	.00002	98.723	.06334	.22649	10.202	.01561	.25877
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.918	F 30.681	-.00274	.07962	.02721	.0568	.11140	2.4764
Stddev	.093	.418	.00003	.00035	.00056	.0019	.00030	.0428
%RSD	.51760	1.3626	1.1729	.43848	2.0513	3.418	.26657	1.7271
#1	17.852	30.977	-.00271	.07987	.02681	.0554	.11119	2.5067
#2	17.983	30.386	-.00276	.07938	.02760	.0582	.11161	2.4462

Sample Name: J6357-11 Acquired: 12/15/2018 20:28:13 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5657
Stddev	.5648
%RSD	36.072

#1	1.1664
#2	1.9651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2971.5	40479.	3875.9	93.021	3361.6
Stddev	10.5	63.	58.1	.205	20.2
%RSD	.35199	.15446	1.4980	.21987	.60125

#1	2978.9	40523.	3834.9	93.166	3375.9
#2	2964.1	40434.	3917.0	92.876	3347.3

Sample Name: J6343-02 Acquired: 12/15/2018 20:32:13 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00072	-.00062	.00078	-.00084	.49803	.05727	-.00002
Stddev	.00218	.00187	.00065	.00425	.00111	.00624	.00079	.00000
%RSD	133.80	260.30	103.84	544.87	131.15	1.2521	1.3761	24.082

#1	-.00009	-.00204	-.00108	.00378	-.00006	.49362	.05782	-.00001
#2	-.00318	.00060	-.00017	-.00222	-.00163	.50244	.05671	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	33.264	.01526	.00036	.00433	1.0062	.01587	1.8180
Stddev	.00003	.096	.00037	.00011	.00048	.0028	.00004	.0292
%RSD	75.937	.28913	2.4254	31.391	11.114	.28135	.27660	1.6071

#1	-.00006	33.196	.01552	.00028	.00467	1.0082	.01584	1.7973
#2	-.00002	33.332	.01500	.00043	.00399	1.0042	.01591	1.8386

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00411	.00054	10.992	.00441	.07690	1.5581	.00015	.04775
Stddev	.00019	.00008	.005	.00043	.00157	.0218	.00014	.00813
%RSD	4.7400	14.147	.04207	9.6523	2.0445	1.3995	96.841	17.020

#1	.00397	.00060	10.996	.00411	.07801	1.5427	.00024	.04200
#2	.00424	.00049	10.989	.00471	.07579	1.5736	.00005	.05350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7643	6.6977	-.00202	.02190	.00817	.0410	1.3762	.98831
Stddev	.0062	.0141	.00101	.00380	.00036	.0001	.0003	.16265
%RSD	.22450	.21035	49.993	17.369	4.4393	.2690	.02506	16.457

#1	2.7687	6.7076	-.00273	.01921	.00843	.0410	1.3760	.87330
#2	2.7600	6.6877	-.00130	.02458	.00792	.0409	1.3765	1.1033

Sample Name: J6343-02 Acquired: 12/15/2018 20:32:13 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.44792
Stddev	.11867
%RSD	26.493

#1	.53183
#2	.36401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.0	42834.	4025.5	97.502	3610.7
Stddev	25.9	215.	13.8	1.843	16.0
%RSD	.83764	.50256	.34239	1.8899	.44219

#1	3070.7	42986.	4015.7	96.199	3599.4
#2	3107.3	42682.	4035.2	98.805	3622.0

Sample Name: J6343-02DUP Acquired: 12/15/2018 20:36:16 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00143	.00066	.00160	-.00146	.51602	.05941	-.00003
Stddev	.00216	.00032	.00022	.00317	.00173	.00082	.00071	.00003
%RSD	1222.1	22.090	32.944	197.78	118.40	.15810	1.2031	116.45

#1	-.00170	.00166	.00051	.00384	-.00024	.51544	.05891	-.00000
#2	.00135	.00121	.00081	-.00064	-.00268	.51659	.05992	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	33.853	.01501	.00066	.00414	.98915	.01591	1.8115
Stddev	.00004	.460	.00029	.00014	.00062	.01826	.00001	.0054
%RSD	232.12	1.3599	1.9281	21.844	14.941	1.8465	.03245	.29700

#1	.00001	33.528	.01522	.00056	.00458	.97624	.01590	1.8077
#2	-.00005	34.179	.01481	.00076	.00370	1.0021	.01591	1.8153

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00396	.00008	11.270	.00399	.07907	1.5980	.00042	.04258
Stddev	.00048	.00001	.007	.00036	.00089	.0116	.00025	.00039
%RSD	12.117	8.9510	.05950	8.9224	1.1215	.72783	58.449	.91256

#1	.00362	.00007	11.265	.00374	.07844	1.5898	.00060	.04231
#2	.00430	.00008	11.274	.00424	.07969	1.6062	.00025	.04286

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7702	6.8156	-.00296	.02029	.00922	.0422	1.4015	1.1495
Stddev	.0226	.0177	.00014	.00060	.00012	.0012	.0112	.0382
%RSD	.81415	.25915	4.6395	2.9805	1.3400	2.867	.80063	3.3184

#1	2.7862	6.8031	-.00287	.01987	.00931	.0431	1.3936	1.1765
#2	2.7543	6.8281	-.00306	.02072	.00913	.0414	1.4094	1.1226

Sample Name: J6343-02DUP Acquired: 12/15/2018 20:36:16 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.35302
Stddev	.23700
%RSD	67.134

#1	.18544
#2	.52061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.3	42452.	3956.9	96.555	3599.7
Stddev	28.6	95.	5.2	.633	28.9
%RSD	.92780	.22301	.13158	.65569	.80298

#1	3064.1	42385.	3953.2	97.003	3579.3
#2	3104.6	42519.	3960.6	96.108	3620.1

Sample Name: CCV08 Acquired: 12/15/2018 20:40:18 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14357 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0033	5.1159	5.0803	5.0204	5.0387	9.9060	10.298	.25512
Stddev	.0174	.0167	.0095	.0164	.0120	.0116	.021	.00016
%RSD	.34777	.32593	.18710	.32675	.23803	.11686	.20797	.06209
#1	5.0156	5.1277	5.0870	5.0320	5.0472	9.8978	10.313	.25523
#2	4.9910	5.1041	5.0736	5.0088	5.0302	9.9142	10.283	.25500
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5306	26.384	1.0210	2.5189	1.2741	5.0310	2.5786	26.694
Stddev	.0051	.067	.0085	.0067	.0024	.0070	.0072	.046
%RSD	.19976	.25213	.83010	.26741	.19205	.13856	.27884	.17215
#1	2.5341	26.431	1.0270	2.5237	1.2758	5.0261	2.5837	26.661
#2	2.5270	26.337	1.0150	2.5141	1.2724	5.0359	2.5735	26.726
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5305	1.2571	25.847	2.5544	2.5669	25.566	5.0661	5.1924
Stddev	.0046	.0049	.109	.0008	.0104	.088	.0080	.0314
%RSD	.18011	.39241	.42142	.03056	.40527	.34570	.15854	.60558
#1	2.5337	1.2606	25.924	2.5550	2.5743	25.628	5.0718	5.1702
#2	2.5273	1.2537	25.770	2.5538	2.5596	25.503	5.0604	5.2147
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0057	5.2159	5.0397	5.1329	4.9656	5.064	5.1382	F 2.2584
Stddev	.0166	.0039	.0140	.0170	.0035	.017	.0271	.3183
%RSD	.33094	.07497	.27693	.33024	.06991	.3445	.52720	14.093
#1	5.0174	5.2187	5.0496	5.1449	4.9681	5.076	5.1573	2.4834
#2	4.9940	5.2131	5.0298	5.1209	4.9632	5.051	5.1190	2.0333

Sample Name: CCV08 Acquired: 12/15/2018 20:40:18 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14357 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.9144
 Stddev .2541
 %RSD 8.7169

#1 3.0941
 #2 2.7348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.5	41313.	3942.9	92.043	3275.5
Stddev	7.1	241.	24.0	.337	7.5
%RSD	.23451	.58417	.60949	.36577	.22800

#1	3033.5	41142.	3925.9	91.805	3270.3
#2	3043.6	41483.	3959.8	92.281	3280.8

Sample Name: CCB08 Acquired: 12/15/2018 20:44:04 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14357 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00082	-.00126	.00265	-.00137	-.00616	.00029
Stddev	.00070	.00035	.00003	.00102	.00096	.00930	.00063
%RSD	41.494	42.586	2.4138	38.653	69.913	151.02	218.75

#1	-.00218	.00058	-.00123	.00192	-.00069	-.01273	-.00016
#2	-.00119	.00107	-.00128	.00337	-.00205	.00042	.00074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00005	-.01358	-.00023	.00014	-.00014	-.00806
Stddev	.00005	.00010	.01478	.00050	.00009	.00048	.00192
%RSD	68.029	191.59	108.83	215.03	64.825	337.62	23.782

#1	-.00011	-.00002	-.00313	-.00058	.00008	-.00048	-.00670
#2	-.00004	.00012	-.02403	.00012	.00021	.00020	-.00941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.03213	-.00016	.00043	.01991	-.00046	-.00030
Stddev	.00004	.00509	.00059	.00034	.00986	.00006	.00008
%RSD	51.104	15.838	382.67	80.222	49.509	13.228	26.237

#1	.00005	-.02854	-.00058	.00018	.01294	-.00050	-.00025
#2	.00010	-.03573	.00026	.00067	.02688	-.00041	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01291	.00027	-.00298	F .04322	.00692	-.00146	.00106
Stddev	.01382	.00011	.01057	.00378	.00074	.00007	.00261
%RSD	107.08	39.742	355.36	8.7570	10.643	4.6036	246.13

#1	-.02268	.00034	.00450	.04054	.00640	-.00141	.00291
#2	-.00313	.00019	-.01045	.04590	.00744	-.00150	-.00079

Sample Name: CCB08 Acquired: 12/15/2018 20:44:04 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14357 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.0003	.00014	F .41493	F<.00000
Stddev	.00156	.0008	.00004	.01745	.89538
%RSD	4873.6	271.0	25.627	4.2055	248.91

#1	-.00114	.0009	.00016	.40259	-.99285
#2	.00107	-.0003	.00011	.42727	.27341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.3	43675.	4032.2	96.596	3757.9
Stddev	7.3	79.	43.5	.053	4.4
%RSD	.22802	.17984	1.0785	.05490	.11635

#1	3183.1	43731.	4001.4	96.558	3754.8
#2	3193.4	43620.	4062.9	96.633	3761.0

Sample Name: J6343-02LX5 Acquired: 12/15/2018 20:48:10 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.00030	-.00144	.00121	.00017	.10534	.01259	-.00003
Stddev	.00050	.00034	.00052	.00130	.00039	.00495	.00063	.00000
%RSD	30.970	113.06	35.985	107.74	231.37	4.6967	4.9871	6.1181

#1	-.00198	.00054	-.00108	.00213	-.00011	.10184	.01214	-.00003
#2	-.00127	.00006	-.00181	.00029	.00045	.10884	.01303	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	6.9802	.00305	.00019	.00008	.19942	.00335	.38643
Stddev	.00005	.0011	.00009	.00001	.00035	.00508	.00001	.01641
%RSD	474.59	.01587	3.0500	3.3353	422.50	2.5479	.40209	4.2471

#1	-.00004	6.9794	.00298	.00018	-.00016	.19583	.00336	.39804
#2	.00002	6.9810	.00311	.00019	.00033	.20302	.00334	.37483

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00037	2.3366	.00072	.01616	.30403	.00002	.00178
Stddev	.00004	.00003	.0200	.00063	.00048	.00313	.00007	.00174
%RSD	8.0629	9.3410	.85589	88.189	2.9819	1.0282	377.20	97.815

#1	.00049	.00035	2.3225	.00027	.01650	.30624	-.00003	.00055
#2	.00054	.00040	2.3508	.00116	.01582	.30182	.00007	.00302

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60976	1.4748	-.00165	.00488	.00096	.0098	.28879	.60470
Stddev	.00456	.0034	.00056	.00184	.00078	.0005	.00023	.02305
%RSD	.74858	.23278	34.025	37.727	81.207	5.225	.07931	3.8121

#1	.61299	1.4772	-.00125	.00358	.00041	.0102	.28895	.58840
#2	.60654	1.4723	-.00204	.00618	.00152	.0094	.28863	.62100

Sample Name: J6343-02LX5 Acquired: 12/15/2018 20:48:10 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .15261
Stddev .23448
%RSD 153.64

#1 -.01319
#2 .31841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.0	42916.	3939.2	98.136	3650.2
Stddev	.1	138.	30.5	2.436	26.9
%RSD	.00265	.32193	.77521	2.4818	.73823

#1	3096.1	42818.	3917.6	96.414	3631.1
#2	3096.0	43014.	3960.8	99.858	3669.3

Sample Name: J6343-02MS Acquired: 12/15/2018 20:52:13 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67883	1.7135	.85147	1.6674	.69326	2.3756	.24908
Stddev	.00417	.0053	.00262	.0003	.00083	.0192	.00284
%RSD	.61475	.31029	.30768	.01620	.11980	.80978	1.1421

#1	.67588	1.7097	.84962	1.6672	.69384	2.3620	.24707
#2	.68178	1.7172	.85333	1.6676	.69267	2.3892	.25109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17365	.16524	36.240	.38698	.17258	.27657	3.6931
Stddev	.00009	.00083	.582	.00211	.00037	.00092	.0474
%RSD	.05014	.50480	1.6057	.54401	.21317	.33280	1.2842

#1	.17372	.16465	35.828	.38549	.17232	.27592	3.6596
#2	.17359	.16583	36.651	.38847	.17284	.27722	3.7267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20290	3.7762	.43341	.06137	14.318	.28302	.25316
Stddev	.00002	.0305	.00246	.00087	.076	.00160	.00115
%RSD	.01021	.80783	.56695	1.4225	.53097	.56359	.45336

#1	.20291	3.7978	.43168	.06076	14.264	.28190	.25235
#2	.20288	3.7546	.43515	.06199	14.372	.28415	.25398

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.818	.35890	.31752	2.8638	8.0139	.57205	.20233
Stddev	.126	.00098	.00646	.0040	.0519	.00253	.00086
%RSD	1.1666	.27168	2.0338	.14095	.64804	.44228	.42671

#1	10.729	.35821	.32209	2.8667	7.9772	.57026	.20172
#2	10.907	.35959	.31295	2.8610	8.0507	.57384	.20294

Sample Name: J6343-02MS Acquired: 12/15/2018 20:52:13 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18991	4.741	1.6313	1.4060	F<.00000
Stddev	.00084	.000	.0127	.1382	.41707
%RSD	.44056	.0006	.78031	9.8292	19.907

#1	.18932	4.741	1.6223	1.3083	-1.8002
#2	.19050	4.741	1.6403	1.5037	-2.3901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.1	42193.	3906.0	95.332	3525.5
Stddev	6.0	56.	10.4	.335	8.5
%RSD	.19452	.13333	.26611	.35175	.24081

#1	3074.3	42153.	3913.3	95.569	3531.5
#2	3065.9	42233.	3898.6	95.094	3519.5

Sample Name: J6343-02MSD Acquired: 12/15/2018 20:56:04 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68299	1.7185	.85235	1.6682	.69538	2.3496	.24940
Stddev	.00024	.0187	.00303	.0018	.00302	.0196	.00028
%RSD	.03481	1.0882	.35560	.10469	.43450	.83189	.11189

#1	.68315	1.7053	.85020	1.6670	.69324	2.3634	.24960
#2	.68282	1.7318	.85449	1.6695	.69751	2.3358	.24920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17228	.16605	35.886	.38521	.17368	.27732	3.6062
Stddev	.00041	.00107	.062	.00010	.00129	.00010	.0147
%RSD	.23612	.64545	.17351	.02548	.74452	.03697	.40861

#1	.17199	.16529	35.842	.38514	.17276	.27725	3.5958
#2	.17257	.16681	35.931	.38528	.17459	.27739	3.6166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20230	3.7809	.43508	.06079	14.383	.28330	.25022
Stddev	.00028	.0480	.00281	.00011	.060	.00093	.00345
%RSD	.13897	1.2689	.64688	.17276	.41732	.32902	1.3791

#1	.20210	3.8148	.43309	.06072	14.340	.28395	.24778
#2	.20250	3.7470	.43707	.06086	14.425	.28264	.25266

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.767	.35929	.31890	2.8706	7.9727	.57496	.20252
Stddev	.031	.00118	.00967	.0165	.0347	.00081	.00158
%RSD	.29072	.32949	3.0315	.57388	.43476	.14055	.77978

#1	10.790	.35846	.31206	2.8589	7.9482	.57439	.20363
#2	10.745	.36013	.32573	2.8822	7.9972	.57553	.20140

Sample Name: J6343-02MSD Acquired: 12/15/2018 20:56:04 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18882	4.755	1.6180	.93729	F<.00000
Stddev	.00069	.033	.0054	.09286	.62025
%RSD	.36572	.6889	.33575	9.9073	55.812

#1	.18833	4.732	1.6142	1.0030	-.67274
#2	.18931	4.778	1.6218	.87163	-1.5499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.7	42506.	3923.8	96.829	3523.8
Stddev	16.3	44.	25.3	1.431	27.7
%RSD	.52809	.10257	.64430	1.4776	.78638

#1	3091.2	42475.	3941.7	97.841	3543.4
#2	3068.2	42537.	3905.9	95.818	3504.2

Sample Name: J6343-02A Acquired: 12/15/2018 20:59:55 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67694	1.7067	.84779	1.6613	.69422	2.3364	.24874
Stddev	.00155	.0052	.00486	.0137	.00650	.0323	.00227
%RSD	.22888	.30715	.57287	.82292	.93635	1.3802	.91125

#1	.67804	1.7105	.85122	1.6710	.69882	2.3592	.25034
#2	.67585	1.7030	.84435	1.6516	.68962	2.3136	.24714

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17034	.16464	35.761	.37910	.17230	.27726	3.7173
Stddev	.00288	.00056	.038	.00636	.00100	.00161	.0288
%RSD	1.6931	.34276	.10496	1.6778	.58219	.57954	.77368

#1	.17238	.16504	35.735	.38359	.17301	.27840	3.6969
#2	.16830	.16424	35.788	.37460	.17159	.27613	3.7376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19945	3.8106	.43248	.06065	14.262	.28194	.25570
Stddev	.00267	.0185	.00439	.00012	.037	.00349	.00127
%RSD	1.3384	.48625	1.0160	.19745	.26077	1.2389	.49838

#1	.20134	3.8237	.43558	.06057	14.288	.28441	.25479
#2	.19757	3.7975	.42937	.06074	14.235	.27947	.25660

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.777	.35762	.30693	2.8540	7.9345	.57244	.19909
Stddev	.039	.00056	.00199	.0063	.0637	.00408	.00069
%RSD	.35895	.15598	.64797	.21997	.80261	.71292	.34770

#1	10.804	.35802	.30553	2.8585	7.9796	.57533	.19958
#2	10.750	.35723	.30834	2.8496	7.8895	.56956	.19860

Sample Name: J6343-02A Acquired: 12/15/2018 20:59:55 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18720	4.728	1.6086	.38117	F<.00000
Stddev	.00042	.034	.0019	.56099	.28482
%RSD	.22351	.7100	.12138	147.18	24.982

#1	.18750	4.751	1.6073	.77785	-.93869
#2	.18690	4.704	1.6100	-.01551	-1.3415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.5	43064.	3953.0	94.461	3538.7
Stddev	20.3	733.	24.8	.449	27.1
%RSD	.65993	1.7014	.62711	.47491	.76668

#1	3069.1	42546.	3935.5	94.778	3519.5
#2	3097.9	43582.	3970.6	94.144	3557.9

Sample Name: J6343-04 Acquired: 12/15/2018 21:03:47 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00405	.00020	-.00074	.00449	-.00192	.06831	.05249	.00006
Stddev	.00001	.00032	.00030	.00103	.00084	.00458	.00052	.00003
%RSD	.34532	163.75	40.041	22.932	43.848	6.7110	.99536	47.011

#1	-.00404	-.00003	-.00053	.00521	-.00252	.07155	.05212	.00008
#2	-.00406	.00043	-.00095	.00376	-.00133	.06507	.05286	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	32.289	.00064	.00018	.00733	.02305	.01611	6.8323
Stddev	.00010	.077	.00019	.00005	.00031	.00124	.00002	.1093
%RSD	506.91	.23803	29.344	25.030	4.2242	5.3660	.09395	1.5992

#1	-.00005	32.234	.00078	.00021	.00754	.02392	.01610	6.9095
#2	.00009	32.343	.00051	.00015	.00711	.02218	.01613	6.7550

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00021	41.726	.00043	.08414	1.8387	.00611	.03853
Stddev	.00086	.00016	.118	.00056	.00022	.0295	.00013	.00402
%RSD	49.857	73.089	.28342	130.75	.25961	1.6052	2.1397	10.441

#1	.00111	-.00010	41.809	.00003	.08429	1.8596	.00602	.03568
#2	.00233	-.00032	41.642	.00082	.08398	1.8178	.00621	.04137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0840	6.5507	-.00406	.00051	.00148	.0029	.33777	1.3597
Stddev	.0050	.0142	.00058	.00023	.00117	.0003	.00061	.0663
%RSD	.07122	.21718	14.376	45.516	79.097	10.19	.17932	4.8773

#1	7.0804	6.5608	-.00447	.00067	.00065	.0027	.33820	1.4066
#2	7.0876	6.5407	-.00364	.00034	.00231	.0031	.33735	1.3128

Sample Name: J6343-04 Acquired: 12/15/2018 21:03:47 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.82649
Stddev	.72682
%RSD	87.940

#1	1.3404
#2	.31255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.2	42122.	3944.7	97.718	3493.1
Stddev	6.1	128.	15.0	.416	4.6
%RSD	.19862	.30336	.37933	.42551	.13271

#1	3046.0	42032.	3934.1	97.424	3489.9
#2	3054.5	42213.	3955.2	98.012	3496.4

Sample Name: J6343-06 Acquired: 12/15/2018 21:07:49 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	-.00032	-.00057	.00340	-.00398	.02281	.25203	-.00006
Stddev	.00124	.00012	.00028	.00013	.00231	.01138	.00064	.00001
%RSD	33.846	38.774	50.141	3.7586	58.057	49.905	.25546	8.7144

#1	-.00279	-.00023	-.00077	.00331	-.00561	.03086	.25157	-.00006
#2	-.00454	-.00041	-.00037	.00349	-.00235	.01476	.25249	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00777	35.625	.00675	-.00043	.00320	.05399	.00164	13.607
Stddev	.00006	.093	.00034	.00012	.00046	.00206	.00004	.027
%RSD	.80726	.26080	4.9906	28.014	14.474	3.8184	2.6582	.19681

#1	.00773	35.559	.00699	-.00051	.00287	.05545	.00161	13.588
#2	.00782	35.691	.00651	-.00034	.00353	.05253	.00167	13.626

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00033	299.81	-.00009	.02478	4.7546	.00011	.02337
Stddev	.00023	.00028	.38	.00060	.00027	.0399	.00000	.00337
%RSD	6.8242	83.947	.12538	702.46	1.1059	.84006	3.1259	14.440

#1	.00353	.00053	300.08	.00034	.02497	4.7263	.00011	.02099
#2	.00321	.00014	299.55	-.00051	.02459	4.7828	.00011	.02576

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.773	7.2878	-.00237	.00326	.00161	.0005	.51245	3.4406
Stddev	.017	.0125	.00062	.00129	.00127	.0000	.00121	.2494
%RSD	.12207	.17175	26.003	39.507	78.818	3.842	.23680	7.2495

#1	13.784	7.2790	-.00281	.00235	.00071	.0005	.51159	3.6170
#2	13.761	7.2967	-.00194	.00417	.00251	.0005	.51331	3.2643

Sample Name: J6343-06 Acquired: 12/15/2018 21:07:49 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8472
Stddev .0891
%RSD 3.1311

#1 2.7842
#2 2.9102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.3	39319.	3913.4	93.866	3212.5
Stddev	13.7	159.	.4	.561	10.3
%RSD	.46785	.40473	.01093	.59804	.32129

#1	2921.6	39206.	3913.7	93.469	3205.2
#2	2941.0	39431.	3913.1	94.263	3219.8

Sample Name: J6343-08 Acquired: 12/15/2018 21:11:58 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00103	-.00210	.00161	-.00179	.02202	.14477	-.00002
Stddev	.00051	.00076	.00080	.00042	.00029	.01879	.00056	.00005
%RSD	170.51	73.807	37.945	26.294	16.005	85.300	.38415	287.99
#1	-.00066	-.00049	-.00266	.00191	-.00159	.03531	.14438	-.00005
#2	.00006	-.00157	-.00153	.00131	-.00199	.00874	.14516	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	30.670	.00283	.00022	-.00079	.11072	.04074	13.720
Stddev	.00005	.134	.00008	.00021	.00018	.00210	.00005	.094
%RSD	102.42	.43541	2.7278	99.321	22.417	1.8928	.11650	.68554
#1	.00008	30.764	.00289	.00006	-.00092	.10924	.04070	13.654
#2	.00001	30.576	.00278	.00037	-.00067	.11220	.04077	13.787
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	.00042	62.909	.00036	.01599	4.3443	-.00020	.05939
Stddev	.00020	.00033	.076	.00089	.00017	.0299	.00032	.00678
%RSD	6.3324	79.475	.12021	245.58	1.0416	.68873	162.05	11.421
#1	.00302	.00018	62.856	-.00027	.01611	4.3655	.00003	.05459
#2	.00330	.00066	62.963	.00099	.01587	4.3232	-.00042	.06418
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.631	6.1966	-.00559	.00071	.00340	.0018	.31190	1.6228
Stddev	.070	.0052	.00073	.00036	.00120	.0011	.00128	.0830
%RSD	.60491	.08341	12.997	50.720	35.252	59.77	.40929	5.1161
#1	11.581	6.2003	-.00611	.00097	.00255	.0010	.31280	1.6815
#2	11.681	6.1930	-.00508	.00046	.00425	.0025	.31099	1.5641

Sample Name: J6343-08 Acquired: 12/15/2018 21:11:58 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1073
Stddev .4116
%RSD 37.170

#1 1.3983
#2 .81625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.2	41748.	3919.4	95.737	3452.7
Stddev	8.3	79.	10.5	.664	19.0
%RSD	.27290	.18831	.26743	.69322	.55149

#1	3050.1	41692.	3912.0	95.268	3466.2
#2	3038.3	41803.	3926.8	96.206	3439.3

Sample Name: J6343-10 Acquired: 12/15/2018 21:16:00 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	.00021	-.00199	.00134	-.00160	.01309	.11494	.00006
Stddev	.00271	.00031	.00146	.00311	.00122	.00181	.00069	.00001
%RSD	76.360	145.99	73.308	231.26	76.382	13.795	.60384	20.452

#1	-.00547	.00043	-.00096	-.00085	-.00246	.01181	.11543	.00005
#2	-.00163	-.00001	-.00302	.00354	-.00074	.01437	.11445	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	27.056	.00235	.00100	.00762	.01474	.01751	8.4661
Stddev	.00005	.034	.00022	.00035	.00002	.00140	.00004	.0386
%RSD	1134.8	.12398	9.2019	35.310	.30646	9.5145	.21075	.45611

#1	-.00004	27.079	.00250	.00075	.00763	.01573	.01754	8.4388
#2	.00003	27.032	.00219	.00125	.00760	.01374	.01749	8.4934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00352	-.00057	43.790	.00016	.04198	5.2697	.00018	.11579
Stddev	.00004	.00007	.109	.00009	.00025	.0593	.00004	.00832
%RSD	1.0375	12.012	.24965	54.023	.59753	1.1259	21.037	7.1827

#1	.00354	-.00061	43.867	.00010	.04215	5.3116	.00020	.12167
#2	.00349	-.00052	43.713	.00022	.04180	5.2277	.00015	.10991

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.930	6.6240	-.00684	.00042	.00234	.0020	.47974	1.3792
Stddev	.081	.0317	.00013	.00045	.00098	.0004	.00330	.2172
%RSD	.57981	.47885	1.9618	108.14	41.780	19.72	.68716	15.745

#1	13.987	6.6464	-.00694	.00010	.00165	.0023	.48207	1.5327
#2	13.873	6.6016	-.00675	.00074	.00304	.0017	.47741	1.2256

Sample Name: J6343-10 Acquired: 12/15/2018 21:16:00 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24IR Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .50162
Stddev .07403
%RSD 14.759

#1 .55397
#2 .44927

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.3	41909.	3924.5	96.575	3488.2
Stddev	18.1	228.	26.0	.504	15.8
%RSD	.59615	.54481	.66130	.52161	.45220

#1	3031.5	41747.	3906.2	96.219	3477.0
#2	3057.2	42070.	3942.9	96.931	3499.3

Sample Name: J6343-12 Acquired: 12/15/2018 21:20:02 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	-.00104	-.00146	.00078	-.00103	.10173	.09962	-.00005
Stddev	.00257	.00022	.00047	.00189	.00098	.00569	.00061	.00001
%RSD	49.680	21.146	32.313	243.67	95.467	5.5907	.60933	16.869

#1	-.00698	-.00088	-.00113	.00211	-.00033	.10576	.10005	-.00006
#2	-.00335	-.00119	-.00180	-.00056	-.00172	.09771	.09919	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	32.491	.01178	-.00018	.00208	.17940	.00232	6.2131
Stddev	.00023	.114	.00029	.00007	.00052	.00117	.00004	.0442
%RSD	155.68	.34938	2.4710	37.698	25.039	.65171	1.5392	.71158

#1	-.00030	32.572	.01158	-.00023	.00171	.17857	.00234	6.1818
#2	.00001	32.411	.01199	-.00013	.00245	.18022	.00229	6.2443

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00433	.00007	120.83	.00027	.01545	4.7784	.00057	.07046
Stddev	.00016	.00001	.68	.00004	.00014	.0563	.00011	.00251
%RSD	3.6745	9.6397	.56637	16.307	.89995	1.1787	18.902	3.5602

#1	.00422	.00008	121.32	.00024	.01554	4.8182	.00050	.07224
#2	.00445	.00007	120.35	.00030	.01535	4.7385	.00065	.06869

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.050	4.1449	-.00456	.00393	-.00019	.0072	.16210	2.4035
Stddev	.118	.0198	.00032	.00183	.00227	.0005	.00035	.3267
%RSD	1.0711	.47663	6.9156	46.673	1195.2	6.796	.21504	13.591

#1	11.134	4.1589	-.00434	.00522	-.00180	.0069	.16235	2.1725
#2	10.966	4.1309	-.00478	.00263	.00142	.0076	.16186	2.6345

Sample Name: J6343-12 Acquired: 12/15/2018 21:20:02 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2668
Stddev	.1243
%RSD	9.8107

#1	1.1789
#2	1.3546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.6	40309.	3831.9	93.544	3365.8
Stddev	31.3	167.	8.4	.844	44.2
%RSD	1.0477	.41323	.22044	.90250	1.3121

#1	2967.5	40427.	3825.9	92.947	3334.6
#2	3011.8	40192.	3837.8	94.141	3397.0

Sample Name: J6343-14 Acquired: 12/15/2018 21:24:05 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00476	-.00007	-.00193	.00203	-.00265	.05615	.10129	-.00009
Stddev	.00060	.00085	.00117	.00072	.00092	.01155	.00275	.00005
%RSD	12.539	1199.4	60.590	35.436	34.682	20.565	2.7118	52.137

#1	-.00519	.00053	-.00276	.00152	-.00330	.06432	.09934	-.00006
#2	-.00434	-.00067	-.00110	.00254	-.00200	.04799	.10323	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	33.260	.01105	.00006	.00223	.12620	.00216	6.4219
Stddev	.00013	.920	.00031	.00009	.00013	.01413	.00007	.2219
%RSD	237.12	2.7650	2.8333	146.35	5.9883	11.200	3.0697	3.4556

#1	.00004	32.610	.01128	.00012	.00214	.11621	.00211	6.2650
#2	-.00014	33.910	.01083	-.00000	.00232	.13619	.00221	6.5788

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00507	.00019	122.59	.00026	.01971	4.9341	.00025	.06839
Stddev	.00023	.00058	3.00	.00016	.00081	.1133	.00004	.00032
%RSD	4.6124	310.15	2.4443	63.057	4.0918	2.2953	16.133	.46594

#1	.00523	.00059	120.47	.00014	.01914	4.8541	.00028	.06816
#2	.00490	-.00022	124.70	.00038	.02029	5.0142	.00022	.06861

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.374	4.1949	-.00524	.00238	.00011	.0044	.16607	2.2376
Stddev	.108	.0974	.00059	.00067	.00025	.0019	.00436	.3503
%RSD	.95182	2.3222	11.215	28.040	228.21	42.02	2.6241	15.656

#1	11.298	4.1260	-.00482	.00190	-.00007	.0057	.16298	2.4853
#2	11.451	4.2638	-.00566	.00285	.00029	.0031	.16915	1.9899

Sample Name: J6343-14 Acquired: 12/15/2018 21:24:05 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.64221
Stddev	.78668
%RSD	122.50

#1	1.1985
#2	.08595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.4	40575.	3835.6	90.792	3347.2
Stddev	9.8	250.	76.4	2.366	12.4
%RSD	.33017	.61699	1.9925	2.6058	.37079

#1	2989.4	40398.	3889.7	92.465	3356.0
#2	2975.5	40752.	3781.6	89.119	3338.4

Sample Name: CCV09 Acquired: 12/15/2018 21:28:09 Type: Unk
Method: P4-ICP2(v2656) 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	5.0123	5.1872	5.1225	5.0550	5.0589	9.9106	10.439	.25624
Stddev	.0100	.0101	.0206	.0005	.0059	.0003	.145	.00041
%RSD	.19868	.19385	.40277	.00992	.11669	.00314	1.3932	.16157
#1	5.0052	5.1801	5.1080	5.0546	5.0631	9.9104	10.542	.25654
#2	5.0193	5.1943	5.1371	5.0553	5.0548	9.9109	10.336	.25595
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5617	26.916	1.0322	2.5400	1.2896	5.1998	2.5946	26.985
Stddev	.0091	.324	.0021	.0092	.0040	.1384	.0019	.454
%RSD	.35472	1.2028	.20115	.36278	.31441	2.6609	.07508	1.6838
#1	2.5552	27.145	1.0308	2.5334	1.2867	5.2977	2.5960	27.306
#2	2.5681	26.687	1.0337	2.5465	1.2925	5.1020	2.5932	26.664
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5674	1.2603	26.338	2.5675	2.6567	25.992	5.0936	5.2812
Stddev	.0123	.0035	.298	.0014	.0714	.298	.0069	.0672
%RSD	.47736	.28054	1.1308	.05257	2.6861	1.1480	.13617	1.2732
#1	2.5588	1.2578	26.548	2.5666	2.7072	26.203	5.0887	5.3288
#2	2.5761	1.2628	26.127	2.5685	2.6062	25.781	5.0985	5.2337
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9816	5.2943	5.0920	5.1809	5.0485	5.132	5.2146	F 2.2191
Stddev	.0191	.0269	.0183	.0653	.0618	.005	.0476	.0101
%RSD	.38363	.50811	.35956	1.2609	1.2245	.0892	.91375	.45722
#1	4.9681	5.3133	5.0791	5.2271	5.0922	5.129	5.2483	2.2263
#2	4.9951	5.2752	5.1050	5.1348	5.0048	5.136	5.1809	2.2120

Sample Name: CCV09 Acquired: 12/15/2018 21:28:09 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8726
Stddev .4152
%RSD 14.455

#1 2.5789
#2 3.1662

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.0	41002.	3854.7	88.620	3241.1
Stddev	.4	61.	41.9	2.515	6.2
%RSD	.01376	.14880	1.0881	2.8379	.19099

#1	3013.3	41046.	3825.1	86.842	3245.4
#2	3012.7	40959.	3884.4	90.398	3236.7

Sample Name: CCB09 Acquired: 12/15/2018 21:31:55 Type: Unk
Method: P4-ICP2(v2656) 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	-.00360	.00158	-.00137	.00216	-.00154	-.00524	.00137
Stddev	.00104	.00316	.00082	.00052	.00022	.00158	.00031
%RSD	28.860	200.02	60.261	23.971	14.543	30.169	22.779

#1	-.00434	.00381	-.00078	.00253	-.00138	-.00636	.00159
#2	-.00287	-.00065	-.00195	.00180	-.00169	-.00412	.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00005	-.02470	-.00007	-.00004	-.00049	-.00209
Stddev	.00006	.00005	.00527	.00019	.00044	.00008	.00780
%RSD	364.54	105.13	21.342	284.93	988.40	16.044	373.38

#1	-.00006	.00008	-.02097	-.00020	-.00035	-.00055	-.00760
#2	.00002	.00001	-.02843	.00007	.00026	-.00044	.00343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00576	-.00051	.00025	.02935	-.00048	-.00070
Stddev	.00005	.00905	.00052	.00054	.01736	.00027	.00011
%RSD	40.457	157.10	101.66	219.96	59.157	55.919	16.029

#1	.00009	.00064	-.00088	.00063	.01707	-.00029	-.00062
#2	.00016	-.01215	-.00014	-.00014	.04162	-.00067	-.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04513	.00055	-.01002	F .01719	.00528	-.00116	.00116
Stddev	.00293	.00016	.00044	.00336	.00115	.00019	.00044
%RSD	6.4957	29.305	4.3456	19.541	21.710	16.615	37.612

#1	-.04306	.00066	-.00971	.01482	.00609	-.00130	.00146
#2	-.04720	.00044	-.01032	.01957	.00447	-.00103	.00085

Sample Name: CCB09 Acquired: 12/15/2018 21:31:55 Type: Unk
 Method: P4-ICP2(v2656) 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	.00178	.0006	.00010	F .44782	F<.00000
Stddev	.00078	.0004	.00006	.13698	.37658
%RSD	44.029	56.93	58.578	30.589	123.47

#1	.00123	.0009	.00006	.35096	-.57129
#2	.00233	.0004	.00014	.54468	-.03872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.0	43024.	3926.9	97.708	3699.4
Stddev	8.0	311.	4.6	2.546	22.9
%RSD	.25367	.72180	.11680	2.6053	.61886

#1	3134.4	42804.	3930.2	99.508	3683.2
#2	3145.7	43243.	3923.7	95.908	3715.6

Sample Name: J6343-16 Acquired: 12/15/2018 21:36:00 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	-.00058	-.00184	.00077	-.00089	.12653	.05509	-.00001
Stddev	.00092	.00093	.00179	.00223	.00009	.00578	.00080	.00001
%RSD	31.342	161.81	97.580	291.39	9.7256	4.5683	1.4608	41.891

#1	-.00357	.00008	-.00057	-.00081	-.00083	.12245	.05566	-.00002
#2	-.00227	-.00123	-.00310	.00234	-.00095	.13062	.05452	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	13.495	.05423	.00043	.00037	.37695	.00540	4.5203
Stddev	.00011	.057	.00110	.00007	.00031	.01507	.00001	.0358
%RSD	93.333	.42177	2.0365	16.851	83.265	3.9978	.23231	.79143

#1	-.00004	13.535	.05345	.00048	.00060	.36629	.00540	4.5456
#2	-.00020	13.454	.05501	.00038	.00015	.38760	.00541	4.4950

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01277	.00007	93.445	.00098	.01260	1.9729	.00066	.04492
Stddev	.00026	.00001	.159	.00062	.00018	.0360	.00035	.00562
%RSD	2.0689	20.223	.16967	63.553	1.4644	1.8228	54.028	12.508

#1	.01295	.00008	93.333	.00142	.01247	1.9983	.00041	.04095
#2	.01258	.00006	93.557	.00054	.01273	1.9475	.00091	.04889

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.494	4.3904	-.00507	.00449	-.00075	.0028	.08484	1.9282
Stddev	.041	.0040	.00085	.00096	.00008	.0007	.00001	.1334
%RSD	.39484	.09217	16.709	21.358	10.182	25.76	.01476	6.9200

#1	10.523	4.3876	-.00567	.00517	-.00080	.0023	.08483	2.0226
#2	10.464	4.3933	-.00447	.00381	-.00069	.0033	.08485	1.8339

Sample Name: J6343-16 Acquired: 12/15/2018 21:36:00 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.49988
Stddev	.22270
%RSD	44.551

#1	.34241
#2	.65736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.3	41018.	3888.9	94.003	3418.4
Stddev	.7	129.	8.2	2.001	4.7
%RSD	.02247	.31426	.21039	2.1286	.13742

#1	3014.8	41109.	3883.1	95.418	3415.1
#2	3013.8	40926.	3894.6	92.588	3421.7

Sample Name: J6343-18 Acquired: 12/15/2018 21:40:03 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00382	-.00136	-.00136	.00268	-.00067	.02607	.16167	.00027
Stddev	.00148	.00068	.00044	.00108	.00027	.01896	.00010	.00008
%RSD	38.847	50.284	32.388	40.349	40.440	72.728	.06471	28.196

#1	-.00486	-.00088	-.00105	.00344	-.00048	.01266	.16159	.00032
#2	-.00277	-.00184	-.00167	.00191	-.00087	.03948	.16174	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	49.641	.00066	.00568	.00247	.03476	.10429	19.288
Stddev	.00003	.050	.00014	.00022	.00003	.00320	.00059	.276
%RSD	4.4651	.10164	20.998	3.8344	1.1447	9.2028	.56126	1.4299

#1	.00070	49.677	.00056	.00583	.00245	.03702	.10470	19.093
#2	.00065	49.605	.00076	.00552	.00249	.03249	.10387	19.483

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	.00011	125.76	-.00019	.06043	4.1392	.00014	.05283
Stddev	.00008	.00071	.13	.00026	.00004	.0243	.00005	.00448
%RSD	.84279	621.74	.10087	138.02	.06995	.58609	37.865	8.4747

#1	.00919	.00062	125.85	-.00000	.06046	4.1563	.00018	.04967
#2	.00930	-.00039	125.67	-.00038	.06040	4.1220	.00011	.05600

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9924	6.7180	-.00243	-.00084	.00035	.0019	.51658	2.4486
Stddev	.0187	.0575	.00026	.00068	.00095	.0030	.00016	.3122
%RSD	.62309	.85547	10.668	80.780	268.87	162.8	.03013	12.752

#1	3.0056	6.6774	-.00262	-.00036	-.00032	-.0003	.51669	2.2279
#2	2.9792	6.7587	-.00225	-.00132	.00102	.0040	.51647	2.6694

Sample Name: J6343-18 Acquired: 12/15/2018 21:40:03 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1064
Stddev	.1303
%RSD	11.774

#1	1.1985
#2	1.0143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.2	40005.	3823.3	93.909	3293.9
Stddev	20.0	38.	3.7	.498	24.9
%RSD	.67400	.09409	.09595	.53068	.75685

#1	2955.0	39979.	3820.7	93.556	3276.3
#2	2983.4	40032.	3825.9	94.261	3311.5

Sample Name: J6343-20 Acquired: 12/15/2018 21:44:05 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00379	-.00043	-.00247	.00128	-.00040	.41984	.04276	.00002
Stddev	.00634	.00097	.00053	.00159	.00079	.00753	.00049	.00004
%RSD	167.38	227.19	21.301	124.39	198.65	1.7938	1.1531	240.87

#1	.00070	.00026	-.00210	.00015	.00016	.41452	.04311	.00005
#2	-.00828	-.00111	-.00284	.00241	-.00096	.42517	.04241	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	15.521	.01690	.00032	.00019	1.4902	.00648	3.9515
Stddev	.00003	.079	.00018	.00016	.00010	.0371	.00012	.0321
%RSD	2.5566	.51053	1.0783	48.813	51.685	2.4892	1.9014	.81297

#1	.00125	15.465	.01677	.00021	.00026	1.4640	.00639	3.9287
#2	.00129	15.577	.01703	.00043	.00012	1.5164	.00656	3.9742

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00802	.00045	57.991	.00324	.01535	3.5478	.00047	.04798
Stddev	.00025	.00065	.145	.00012	.00008	.0630	.00019	.00473
%RSD	3.0838	145.44	.25007	3.7584	.53344	1.7755	39.768	9.8664

#1	.00784	-.00001	58.093	.00333	.01529	3.5033	.00061	.04463
#2	.00819	.00091	57.888	.00315	.01541	3.5923	.00034	.05132

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3831	4.5566	-.00296	.01469	-.00029	.0107	.10715	1.3389
Stddev	.0366	.0079	.00061	.00158	.00087	.0017	.00011	.0519
%RSD	.67908	.17263	20.676	10.749	295.17	15.46	.09864	3.8764

#1	5.3573	4.5510	-.00252	.01358	.00032	.0119	.10708	1.3022
#2	5.4090	4.5621	-.00339	.01581	-.00091	.0095	.10723	1.3756

Sample Name: J6343-20 Acquired: 12/15/2018 21:44:05 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6008
 Stddev .4885
 %RSD 30.514

#1 1.2554
 #2 1.9461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3051.4	41545.	3889.3	96.023	3466.8
Stddev	2.0	28.	15.7	1.661	7.7
%RSD	.06493	.06787	.40457	1.7301	.22250

#1	3050.0	41525.	3878.2	97.197	3472.2
#2	3052.8	41565.	3900.4	94.848	3461.3

Sample Name: J6343-03 Acquired: 12/15/2018 21:48:08 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00075	-.00189	.00209	-.00082	.04329	.05360	-.00011
Stddev	.00168	.00131	.00012	.00400	.00167	.00880	.00110	.00002
%RSD	99.507	174.48	6.3446	191.61	204.08	20.337	2.0464	14.661

#1	-.00050	-.00018	-.00198	-.00074	.00036	.04952	.05283	-.00013
#2	-.00287	.00168	-.00181	.00491	-.00200	.03706	.05438	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	33.065	.00860	-.00010	-.00014	.00847	.00257	1.1590
Stddev	.00004	.050	.00023	.00007	.00055	.00523	.00005	.0656
%RSD	43.609	.15033	2.6264	66.330	379.82	61.713	1.8738	5.6566

#1	-.00006	33.030	.00876	-.00005	-.00053	.00477	.00260	1.1127
#2	-.00012	33.100	.00844	-.00015	.00024	.01216	.00253	1.2054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00019	12.528	.00232	.01533	1.6207	.00020	.04935
Stddev	.00019	.00027	.116	.00007	.00022	.0118	.00017	.00310
%RSD	11.274	144.89	.92484	3.0278	1.4124	.72503	81.298	6.2844

#1	.00183	-.00038	12.446	.00237	.01548	1.6290	.00032	.04716
#2	.00156	.00000	12.610	.00227	.01518	1.6124	.00009	.05154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0051	6.5953	-.00221	.00111	.01019	.0262	1.3938	.55394
Stddev	.0298	.0032	.00044	.00090	.00053	.0014	.0099	.81744
%RSD	.99207	.04909	19.993	81.108	5.2190	5.302	.71107	147.57

#1	2.9840	6.5975	-.00252	.00047	.00981	.0252	1.3868	1.1320
#2	3.0261	6.5930	-.00189	.00175	.01056	.0271	1.4009	-.02407

Sample Name: J6343-03 Acquired: 12/15/2018 21:48:08 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.67620
Stddev	.58409
%RSD	86.379

#1	1.0892
#2	.26318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.7	42697.	3859.3	96.304	3530.6
Stddev	23.3	1029.	7.3	1.620	33.9
%RSD	.76770	2.4108	.18943	1.6822	.96048

#1	3055.2	41969.	3854.1	95.158	3554.6
#2	3022.2	43425.	3864.5	97.449	3506.6

Sample Name: J6343-03DUP Acquired: 12/15/2018 21:52:11 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00353	-.00098	-.00228	-.00026	.00049	.05169	.05361	-.00006
Stddev	.00106	.00179	.00035	.00125	.00024	.01806	.00216	.00002
%RSD	29.925	183.21	15.341	488.70	49.425	34.939	4.0383	34.484
#1	-.00278	.00029	-.00253	.00063	.00032	.06446	.05514	-.00008
#2	-.00428	-.00224	-.00203	-.00114	.00067	.03892	.05208	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	32.790	.00902	-.00015	-.00020	.01596	.00257	1.1063
Stddev	.00011	.937	.00052	.00012	.00007	.00857	.00008	.0405
%RSD	176.67	2.8574	5.7812	79.666	35.006	53.655	3.0206	3.6593
#1	-.00014	33.453	.00939	-.00023	-.00025	.02202	.00262	1.1349
#2	.00002	32.128	.00865	-.00006	-.00015	.00991	.00251	1.0776
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00014	12.318	.00219	.01469	1.5671	.00039	.04591
Stddev	.00069	.00000	.406	.00052	.00061	.0365	.00021	.00033
%RSD	49.453	.85530	3.2979	23.650	4.1730	2.3313	54.191	.71635
#1	.00189	-.00014	12.606	.00256	.01513	1.5930	.00054	.04614
#2	.00091	-.00014	12.031	.00183	.01426	1.5413	.00024	.04568
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9294	6.5235	-.00254	.00059	.00844	.0261	1.3757	1.5430
Stddev	.0491	.1939	.00068	.00221	.00005	.0014	.0427	.1530
%RSD	1.6760	2.9721	26.712	376.23	.64817	5.558	3.1068	9.9171
#1	2.8947	6.6606	-.00302	.00215	.00840	.0250	1.4059	1.6512
#2	2.9642	6.3864	-.00206	-.00097	.00848	.0271	1.3454	1.4348

Sample Name: J6343-03DUP Acquired: 12/15/2018 21:52:11 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.67062
Stddev	.20258
%RSD	30.207

#1	.52738
#2	.81386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.1	41713.	3918.5	97.610	3585.6
Stddev	23.1	372.	124.1	3.627	33.4
%RSD	.75067	.89232	3.1672	3.7162	.93144

#1	3099.5	41449.	3830.8	95.045	3609.2
#2	3066.8	41976.	4006.3	100.17	3562.0

Sample Name: J6343-03LX5 Acquired: 12/15/2018 21:56:15 Type: Unk
Method: P4-ICP2(v2656) 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	-.00385	.00021	-.00226	.00143	-.00166	-.00059	.01121	-.00008
Stddev	.00132	.00113	.00080	.00057	.00047	.00876	.00018	.00005
%RSD	34.381	548.13	35.531	39.738	28.241	1478.7	1.5941	67.188

#1	-.00478	-.00060	-.00282	.00183	-.00199	.00560	.01133	-.00012
#2	-.00291	.00101	-.00169	.00103	-.00133	-.00679	.01108	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	6.1033	.00152	.00009	-.00070	.00045	.00069	.17880
Stddev	.00002	.0412	.00003	.00008	.00030	.00556	.00001	.00553
%RSD	93.512	.67479	2.2987	82.091	43.160	1223.9	1.1913	3.0905

#1	-.00004	6.1324	.00154	.00004	-.00091	-.00348	.00070	.18271
#2	-.00001	6.0741	.00149	.00014	-.00049	.00439	.00069	.17489

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00001	2.3763	.00024	.00242	.29784	-.00001	-.00671
Stddev	.00033	.00011	.0274	.00005	.00006	.01346	.00008	.00179
%RSD	1023.7	913.16	1.1518	20.497	2.4744	4.5179	639.98	26.640

#1	.00026	.00009	2.3956	.00027	.00238	.28832	.00004	-.00545
#2	-.00020	-.00006	2.3569	.00020	.00247	.30735	-.00007	-.00797

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55717	1.2997	-.00133	.00072	.00174	.0067	.25928	.38932
Stddev	.00484	.0088	.00050	.00100	.00020	.0013	.00135	.03133
%RSD	.86873	.67683	37.981	140.03	11.704	20.02	.52096	8.0485

#1	.55375	1.3059	-.00168	.00143	.00160	.0076	.26024	.41148
#2	.56060	1.2935	-.00097	.00001	.00188	.0057	.25833	.36717

Sample Name: J6343-03LX5 Acquired: 12/15/2018 21:56:15 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.09734
Stddev	.25560
%RSD	262.57

#1	-.08339
#2	.27808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.0	42678.	3865.5	95.503	3680.4
Stddev	17.9	22.	39.3	.376	2.7
%RSD	.57175	.05046	1.0171	.39417	.07438

#1	3145.7	42693.	3837.7	95.769	3682.3
#2	3120.4	42662.	3893.3	95.237	3678.4

Sample Name: J6343-03MS Acquired: 12/15/2018 22:00:19 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66153	1.6863	.82989	1.6251	.76008	1.7585	.24196
Stddev	.00033	.0014	.00029	.0155	.00476	.0089	.00017
%RSD	.04996	.08473	.03482	.95502	.62611	.50686	.07126

#1	.66130	1.6853	.83009	1.6141	.75672	1.7648	.24184
#2	.66177	1.6873	.82968	1.6360	.76345	1.7522	.24208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16931	.16216	35.279	.37939	.16816	.26838	2.6601
Stddev	.00022	.00011	.173	.00087	.00008	.00162	.0262
%RSD	.12765	.06868	.49103	.23048	.04945	.60291	.98499

#1	.16946	.16209	35.157	.37877	.16822	.26723	2.6415
#2	.16915	.16224	35.402	.38001	.16810	.26952	2.6786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18674	3.1102	.42152	.06085	15.627	.28078	.18738
Stddev	.00006	.0004	.00066	.00018	.023	.00037	.00047
%RSD	.02992	.01395	.15567	.29639	.14957	.13073	.24917

#1	.18670	3.1098	.42105	.06098	15.643	.28052	.18771
#2	.18678	3.1105	.42198	.06072	15.610	.28104	.18705

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.659	.39497	.32005	3.0730	7.7514	.63111	.19608
Stddev	.005	.00250	.00228	.0041	.0092	.00265	.00101
%RSD	.04656	.63217	.71394	.13324	.11873	.41985	.51614

#1	10.663	.39321	.31843	3.0759	7.7579	.62923	.19536
#2	10.656	.39674	.32167	3.0701	7.7449	.63298	.19680

Sample Name: J6343-03MS Acquired: 12/15/2018 22:00:19 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18577	4.646	1.6158	1.6917	F<.00000
Stddev	.00179	.017	.0054	.0060	.80617
%RSD	.96525	.3637	.33503	.35246	50.088

#1	.18704	4.658	1.6197	1.6960	-1.0395
#2	.18451	4.634	1.6120	1.6875	-2.1796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3042.5	41419.	3818.7	93.084	3490.6
Stddev	9.1	68.	7.4	.139	11.6
%RSD	.29936	.16380	.19353	.14961	.33249

#1	3048.9	41371.	3813.5	92.986	3482.4
#2	3036.0	41467.	3823.9	93.183	3498.8

Sample Name: J6343-03MSD Acquired: 12/15/2018 22:04:10 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65652	1.6849	.82694	1.6243	.75792	1.7482	.24082	.16951
Stddev	.00258	.0038	.00143	.0139	.00191	.0085	.00075	.00043
%RSD	.39303	.22445	.17265	.85612	.25251	.48585	.31004	.25109
#1	.65835	1.6875	.82795	1.6341	.75657	1.7422	.24030	.16921
#2	.65470	1.6822	.82593	1.6145	.75928	1.7542	.24135	.16981
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16217	35.202	.37911	.16860	.26747	2.6673	.18674	3.0766
Stddev	.00013	.588	.00088	.00036	.00025	.0785	.00019	.0863
%RSD	.08316	1.6703	.23175	.21263	.09249	2.9425	.10105	2.8046
#1	.16227	34.787	.37848	.16835	.26730	2.6118	.18660	3.1377
#2	.16208	35.618	.37973	.16885	.26764	2.7228	.18687	3.0156
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42410	.06081	15.564	.27879	.18725	10.644	.39305	.31686
Stddev	.00070	.00106	.109	.00222	.00048	.045	.00081	.00320
%RSD	.16613	1.7465	.70302	.79554	.25679	.42383	.20633	1.0103
#1	.42460	.06006	15.641	.27723	.18691	10.612	.39248	.31913
#2	.42361	.06156	15.487	.28036	.18759	10.676	.39362	.31460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0794	7.7074	.63195	.19742	.18426	4.660	1.6048	1.5811
Stddev	.0086	.0301	.00276	.00043	.00228	.009	.0033	.1187
%RSD	.28056	.39091	.43610	.21672	1.2366	.1902	.20628	7.5053
#1	3.0855	7.7287	.63390	.19712	.18265	4.667	1.6025	1.6650
#2	3.0733	7.6861	.63000	.19772	.18587	4.654	1.6071	1.4972

Sample Name: J6343-03MSD Acquired: 12/15/2018 22:04:10 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.02041
%RSD	2.0525

#1	-.97995
#2	-1.0088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.7	41623.	3853.5	93.300	3500.0
Stddev	4.3	70.	17.2	.613	4.8
%RSD	.14008	.16898	.44741	.65671	.13770

#1	3070.7	41672.	3841.3	93.733	3503.4
#2	3064.7	41573.	3865.7	92.867	3496.5

Sample Name: J6343-03A Acquired: 12/15/2018 22:08:02 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7806 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64615	1.6584	.81437	1.5953	.74543	1.7347	.24037
Stddev	.00527	.0111	.00475	.0062	.00023	.0193	.00053
%RSD	.81604	.66690	.58331	.38537	.03087	1.1095	.22042

#1	.64242	1.6506	.81101	1.5910	.74527	1.7211	.24000
#2	.64988	1.6663	.81773	1.5997	.74559	1.7483	.24075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16894	.15951	35.213	.37452	.16557	.26312	2.6291
Stddev	.00003	.00019	.220	.00168	.00077	.00129	.0665
%RSD	.01883	.11740	.62485	.44864	.46479	.49051	2.5298

#1	.16892	.15938	35.058	.37570	.16503	.26220	2.5821
#2	.16897	.15964	35.369	.37333	.16612	.26403	2.6761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18617	3.1042	.41705	.05999	15.544	.27783	.18333
Stddev	.00028	.0385	.00132	.00038	.079	.00061	.00092
%RSD	.15064	1.2416	.31561	.63918	.50920	.21980	.50150

#1	.18597	3.1314	.41612	.06026	15.600	.27739	.18268
#2	.18636	3.0769	.41798	.05972	15.488	.27826	.18398

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.626	.38769	.31221	3.0255	7.7096	.62120	.19722
Stddev	.068	.00174	.00755	.0095	.0553	.00080	.00003
%RSD	.64153	.44886	2.4194	.31575	.71750	.12855	.01756

#1	10.578	.38646	.31755	3.0188	7.7488	.62064	.19724
#2	10.674	.38892	.30687	3.0323	7.6705	.62177	.19719

Sample Name: J6343-03A Acquired: 12/15/2018 22:08:02 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7806 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18555	4.571	1.6041	1.2937	F<.00000
Stddev	.00227	.024	.0088	.2442	.46373
%RSD	1.2244	.5248	.54773	18.878	35.457

#1	.18395	4.554	1.6103	1.4664	-.97995
#2	.18716	4.588	1.5979	1.1210	-1.6358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.3	41877.	3840.4	94.683	3541.9
Stddev	10.2	120.	36.0	.499	11.1
%RSD	.32996	.28681	.93691	.52741	.31280

#1	3104.5	41792.	3815.0	95.036	3549.7
#2	3090.1	41961.	3865.9	94.330	3534.0

Sample Name: J6343-05 Acquired: 12/15/2018 22:11:53 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00538	.00088	-.00137	-.00006	-.00231	.01506	.05579	-.00001
Stddev	.00074	.00042	.00024	.00244	.00030	.00888	.00042	.00002
%RSD	13.688	47.700	17.139	4084.3	13.103	58.947	.75285	341.07

#1	-.00590	.00117	-.00154	.00167	-.00252	.00878	.05550	-.00002
#2	-.00486	.00058	-.00121	-.00179	-.00209	.02133	.05609	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	32.278	.00367	-.00008	.00225	-.00160	.00982	7.0165
Stddev	.00001	.186	.00005	.00020	.00014	.00269	.00047	.0860
%RSD	17.800	.57517	1.4625	235.12	6.2579	168.08	4.8342	1.2262

#1	-.00009	32.146	.00363	.00006	.00235	.00030	.00949	6.9557
#2	-.00007	32.409	.00371	-.00022	.00215	-.00350	.01016	7.0773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	-.00011	45.541	-.00013	.03946	1.9703	.00275	.04706
Stddev	.00010	.00073	.086	.00032	.00103	.0115	.00017	.00111
%RSD	3.6407	667.84	.18780	255.42	2.6126	.58555	6.0489	2.3574

#1	.00262	-.00062	45.481	.00010	.04019	1.9621	.00263	.04784
#2	.00276	.00041	45.602	-.00035	.03873	1.9784	.00287	.04628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6209	6.9617	-.00322	.00041	.00228	.0011	.33232	1.1082
Stddev	.0188	.0761	.00049	.00068	.00185	.0007	.00017	.8859
%RSD	.24738	1.0935	15.056	164.70	81.067	58.16	.05150	79.946

#1	7.6075	6.9079	-.00357	.00089	.00097	.0007	.33244	.48171
#2	7.6342	7.0155	-.00288	-.00007	.00359	.0016	.33220	1.7346

Sample Name: J6343-05 Acquired: 12/15/2018 22:11:53 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.56102
Stddev	.45954
%RSD	81.912

#1	.23607
#2	.88596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.0	41892.	3853.2	96.158	3451.8
Stddev	2.7	1536.	2.9	1.614	1.6
%RSD	.08976	3.6667	.07478	1.6789	.04661

#1	3033.1	42978.	3851.1	95.017	3452.9
#2	3037.0	40806.	3855.2	97.300	3450.6

Sample Name: CCV10 Acquired: 12/15/2018 22:15:56 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14358 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0106	5.2409	5.1570	5.0577	5.0535	10.064	10.527	.25912
Stddev	.0196	.0194	.0086	.0131	.0158	.072	.022	.00104
%RSD	.39140	.37079	.16723	.25812	.31161	.71301	.20907	.40248
#1	5.0245	5.2546	5.1631	5.0670	5.0646	10.114	10.542	.25986
#2	4.9968	5.2271	5.1509	5.0485	5.0423	10.013	10.511	.25839
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5814	27.244	1.0535	2.5535	1.2949	5.1349	2.6291	27.179
Stddev	.0058	.053	.0017	.0052	.0017	.0573	.0005	.047
%RSD	.22406	.19297	.16464	.20232	.13162	1.1157	.02018	.17151
#1	2.5855	27.282	1.0522	2.5572	1.2937	5.1755	2.6294	27.146
#2	2.5773	27.207	1.0547	2.5499	1.2961	5.0944	2.6287	27.212
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5886	1.2797	26.751	2.5988	2.6203	26.139	5.0959	5.3770
Stddev	.0053	.0031	.063	.0026	.0137	.020	.0091	.0013
%RSD	.20351	.24402	.23705	.10025	.52387	.07532	.17943	.02434
#1	2.5923	1.2775	26.796	2.6006	2.6300	26.125	5.1024	5.3761
#2	2.5848	1.2819	26.706	2.5969	2.6106	26.153	5.0895	5.3779
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9743	5.3271	5.1226	5.2145	5.1045	5.164	5.2565	F 2.7216
Stddev	.0223	.0304	.0140	.0014	.0001	.008	.0080	.1239
%RSD	.44772	.57115	.27327	.02647	.00163	.1572	.15281	4.5540
#1	4.9901	5.3056	5.1325	5.2155	5.1045	5.169	5.2622	2.8093
#2	4.9586	5.3486	5.1127	5.2135	5.1044	5.158	5.2508	2.6340

Sample Name: CCV10 Acquired: 12/15/2018 22:15:56 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14358 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5112
Stddev .4730
%RSD 13.472

#1 3.8456
#2 3.1767

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.3	40381.	3794.8	89.619	3222.4
Stddev	8.0	182.	16.9	.545	10.7
%RSD	.26744	.44960	.44573	.60833	.33249

#1	3002.6	40253.	3782.8	89.233	3214.8
#2	3014.0	40509.	3806.7	90.004	3230.0

Sample Name: CCB10 Acquired: 12/15/2018 22:19:42 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14358 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00115	-.00096	.00238	-.00010	-.00838	.00227	-.00006
Stddev	.00106	.00005	.00153	.00027	.00025	.02111	.00077	.00001
%RSD	67.463	3.9434	158.23	11.367	246.07	251.93	34.097	11.973

#1	-.00082	.00119	-.00204	.00219	.00007	-.02331	.00282	-.00006
#2	-.00232	.00112	.00011	.00257	-.00027	.00655	.00172	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01595	.00019	-.00003	-.00057	-.00550	.00012	.02488
Stddev	.00005	.01820	.00018	.00001	.00066	.00858	.00004	.02950
%RSD	119.87	114.09	96.362	34.656	114.65	156.07	34.331	118.57

#1	-.00001	-.00308	.00032	-.00004	-.00011	-.01157	.00009	.04574
#2	-.00008	-.02883	.00006	-.00002	-.00104	.00057	.00015	.00402

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00013	.00442	-.00044	-.00081	-.05752	.00036	.00376
Stddev	.00048	.00014	.00417	.00027	.00010	.01536	.00006	.00090
%RSD	279.66	108.15	94.351	61.041	12.883	26.710	17.529	23.970

#1	.00017	.00023	.00736	-.00063	-.00074	-.04666	.00032	.00440
#2	-.00051	.00003	.00147	-.00025	-.00089	-.06839	.00041	.00312

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00501	.00566	-.00174	-.00055	.00049	-.0003	.00004	F .79442
Stddev	.00265	.00214	.00052	.00090	.00147	.0011	.00006	.23138
%RSD	52.875	37.796	29.718	163.39	299.24	444.2	140.82	29.125

#1	.00313	.00415	-.00138	.00009	-.00055	-.0010	.00008	.63081
#2	.00688	.00717	-.00211	-.00119	.00154	.0005	.00000	.95803

Sample Name: CCB10 Acquired: 12/15/2018 22:19:42 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14358 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .26916
Stddev	.47714
%RSD	177.27

#1	-.06823
#2	.60655

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.4	42523.	3825.2	94.446	3684.0
Stddev	7.9	39.	23.6	1.373	.8
%RSD	.25153	.09126	.61658	1.4537	.02149

#1	3135.8	42551.	3808.5	93.475	3684.6
#2	3147.0	42496.	3841.9	95.417	3683.4

Sample Name: J6343-07 Acquired: 12/15/2018 22:23:48 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00461	-.00078	-.00137	.00137	-.00184	.00380	.28255	.00001
Stddev	.00038	.00244	.00112	.00202	.00183	.00089	.00281	.00005
%RSD	8.1822	312.05	81.796	147.45	99.074	23.311	.99592	563.02

#1	-.00434	-.00251	-.00058	-.00006	-.00313	.00442	.28056	.00004
#2	-.00487	.00094	-.00216	.00279	-.00055	.00317	.28454	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00929	39.857	.00600	-.00035	.00289	.00284	.00140	15.048
Stddev	.00012	.389	.00012	.00012	.00013	.00930	.00001	.427
%RSD	1.2794	.97634	2.0385	32.909	4.3928	327.03	.89187	2.8372

#1	.00937	39.581	.00591	-.00043	.00298	.00942	.00140	14.746
#2	.00920	40.132	.00608	-.00027	.00280	-.00373	.00141	15.350

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	.00034	332.68	-.00037	.03048	5.2306	.00001	.03514
Stddev	.00026	.00010	4.95	.00020	.00040	.0832	.00008	.00404
%RSD	9.9653	30.494	1.4871	54.095	1.3204	1.5902	1529.0	11.505

#1	.00244	.00041	336.18	-.00023	.03076	5.1718	-.00005	.03229
#2	.00281	.00026	329.18	-.00051	.03019	5.2894	.00006	.03800

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.189	8.1182	-.00653	.00146	.00237	.0007	.56978	3.9380
Stddev	.002	.0235	.00108	.00147	.00018	.0027	.00063	.1601
%RSD	.01327	.28969	16.601	100.50	7.3915	373.0	.11120	4.0652

#1	15.190	8.1348	-.00576	.00250	.00249	.0027	.56933	4.0512
#2	15.187	8.1015	-.00729	.00042	.00225	-.0012	.57023	3.8248

Sample Name: J6343-07 Acquired: 12/15/2018 22:23:48 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6097
Stddev	.4129
%RSD	15.820

#1	2.9017
#2	2.3178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.7	37964.	3728.7	88.279	3093.5
Stddev	3.3	39.	18.1	1.011	4.5
%RSD	.11701	.10333	.48542	1.1450	.14465

#1	2846.4	37936.	3715.9	87.564	3090.3
#2	2851.1	37991.	3741.5	88.994	3096.6

Sample Name: J6343-09 Acquired: 12/15/2018 22:27:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 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	-.00016	-.00170	.00086	-.00244	-.00197	.17586	.00007
Stddev	.00126	.00096	.00012	.00323	.00078	.01370	.00020	.00011
%RSD	41.363	590.92	7.1548	377.88	31.755	695.12	.11394	168.52
#1	-.00215	-.00084	-.00161	.00314	-.00299	-.01166	.17600	-.00001
#2	-.00393	.00052	-.00179	-.00143	-.00189	.00772	.17572	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	37.756	.00144	.00053	-.00032	-.00755	.04927	16.756
Stddev	.00001	.026	.00034	.00022	.00005	.00701	.00002	.197
%RSD	8.8024	.06820	23.562	42.511	16.976	92.806	.04792	1.1782
#1	-.00008	37.738	.00120	.00037	-.00028	-.01251	.04928	16.617
#2	-.00007	37.774	.00168	.00068	-.00036	-.00260	.04925	16.896
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.00045	77.336	-.00001	.02154	5.3044	-.00004	.07582
Stddev	.00017	.00005	.890	.00045	.00036	.0352	.00003	.00065
%RSD	7.5459	10.740	1.1510	4989.2	1.6561	.66348	87.696	.85741
#1	.00240	.00049	76.707	.00031	.02180	5.2795	-.00006	.07628
#2	.00215	.00042	77.966	-.00032	.02129	5.3293	-.00001	.07536
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.117	7.5184	-.00610	.00097	.00427	.0002	.38000	2.8238
Stddev	.041	.0471	.00065	.00047	.00044	.0006	.00176	.1161
%RSD	.28973	.62662	10.655	47.924	10.391	270.2	.46267	4.1104
#1	14.146	7.4850	-.00656	.00130	.00396	-.0002	.37876	2.7417
#2	14.088	7.5517	-.00564	.00064	.00458	.0007	.38124	2.9058

Sample Name: J6343-09 Acquired: 12/15/2018 22:27:57 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.59521
Stddev	.58991
%RSD	99.108

#1	.17809
#2	1.0123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.3	39673.	3716.4	89.462	3279.9
Stddev	4.6	71.	22.3	1.131	3.6
%RSD	.15566	.17855	.60044	1.2638	.11065

#1	2931.5	39723.	3732.2	88.662	3277.4
#2	2925.1	39623.	3700.6	90.261	3282.5

Sample Name: J6343-11 Acquired: 12/15/2018 22:32:01 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24IR 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	-.00060	-.00169	.00368	-.00142	.00087	.12145	.00006
Stddev	.00248	.00009	.00015	.00101	.00001	.01576	.00158	.00006
%RSD	56.296	15.675	9.1425	27.401	.94388	1804.6	1.3047	102.47
#1	-.00265	-.00054	-.00158	.00440	-.00141	-.01027	.12033	.00010
#2	-.00617	-.00067	-.00180	.00297	-.00143	.01202	.12257	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	28.613	.00088	.00078	.00718	-.00008	.01380	8.7916
Stddev	.00006	.182	.00018	.00004	.00019	.00242	.00017	.0331
%RSD	331.98	.63483	20.051	5.0567	2.6073	3134.0	1.2327	.37691
#1	.00006	28.485	.00100	.00075	.00732	.00163	.01392	8.8151
#2	-.00003	28.742	.00075	.00080	.00705	-.00179	.01368	8.7682
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00367	-.00006	46.253	.00003	.04563	5.4670	.00037	.11842
Stddev	.00064	.00024	.262	.00031	.00045	.0474	.00035	.00059
%RSD	17.449	385.08	.56691	1113.0	.97575	.86622	94.658	.49831
#1	.00321	-.00023	46.068	-.00019	.04594	5.4335	.00012	.11800
#2	.00412	.00011	46.438	.00025	.04531	5.5004	.00061	.11884
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.634	7.0005	-.00636	-.00043	.00288	.0015	.49107	1.6764
Stddev	.207	.0243	.00054	.00113	.00122	.0017	.00200	.0882
%RSD	1.4111	.34692	8.4874	262.91	42.297	116.5	.40702	5.2591
#1	14.488	6.9834	-.00674	.00037	.00202	.0027	.48966	1.6140
#2	14.780	7.0177	-.00598	-.00123	.00374	.0003	.49248	1.7387

Sample Name: J6343-11 Acquired: 12/15/2018 22:32:01 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24IR Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.95345
Stddev	.00432
%RSD	.45267

#1	.95650
#2	.95040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.8	40960.	3779.0	93.838	3387.1
Stddev	11.7	14.	5.8	1.873	20.6
%RSD	.39189	.03388	.15425	1.9963	.60835

#1	2988.0	40950.	3783.1	92.513	3401.7
#2	2971.5	40969.	3774.8	95.162	3372.5

Sample Name: J6343-13 Acquired: 12/15/2018 22:36:04 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	-.00072	-.00227	.00047	-.00207	-.01231	.09228	-.00010
Stddev	.00235	.00154	.00005	.00317	.00124	.00170	.00003	.00000
%RSD	74.807	214.06	2.3041	670.94	59.847	13.839	.03675	4.1727
#1	-.00480	-.00181	-.00231	.00271	-.00119	-.01351	.09226	-.00010
#2	-.00148	.00037	-.00223	-.00177	-.00294	-.01110	.09231	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	30.199	.00095	-.00000	.00087	.00164	.00066	5.8958
Stddev	.00002	.543	.00016	.00016	.00007	.00183	.00006	.0483
%RSD	11.615	1.7969	16.564	47e6	8.5272	111.29	8.7443	.81836
#1	-.00013	29.815	.00106	-.00011	.00092	.00293	.00070	5.8617
#2	-.00015	30.583	.00084	.00011	.00082	.00035	.00062	5.9299
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	.00023	114.98	-.00027	.01671	4.5337	.00012	.06568
Stddev	.00003	.00049	1.81	.00052	.00040	.0949	.00002	.00151
%RSD	5.9422	215.58	1.5769	193.02	2.4117	2.0934	18.647	2.3027
#1	-.00051	.00057	113.70	.00010	.01699	4.4665	.00010	.06675
#2	-.00047	-.00012	116.26	-.00064	.01642	4.6008	.00014	.06461
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.611	3.8783	-.00490	-.00109	.00053	.0051	.15093	2.4312
Stddev	.080	.0336	.00051	.00124	.00020	.0012	.00266	.0364
%RSD	.75701	.86636	10.402	113.75	38.148	24.13	1.7627	1.4986
#1	10.667	3.8545	-.00526	-.00021	.00039	.0060	.14905	2.4054
#2	10.554	3.9020	-.00454	-.00197	.00067	.0042	.15281	2.4569

Sample Name: J6343-13 Acquired: 12/15/2018 22:36:04 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.98004
Stddev	.97170
%RSD	99.148

#1	1.6671
#2	.29295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.2	39949.	3774.4	92.449	3307.7
Stddev	24.7	12.	30.4	2.042	31.2
%RSD	.83416	.02968	.80450	2.2090	.94343

#1	2938.7	39940.	3795.8	91.005	3285.6
#2	2973.6	39957.	3752.9	93.893	3329.8

Sample Name: J6343-15 Acquired: 12/15/2018 22:40:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00382	-.00023	-.00122	.00142	-.00156	.00156	.10022	-.00004
Stddev	.00123	.00050	.00089	.00053	.00099	.00557	.00058	.00003
%RSD	32.230	214.68	72.666	37.256	63.305	357.12	.57868	90.899
#1	-.00295	.00012	-.00059	.00180	-.00225	-.00238	.10063	-.00006
#2	-.00469	-.00058	-.00185	.00105	-.00086	.00550	.09981	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	32.859	.00163	-.00017	.00111	-.00347	.00078	6.4040
Stddev	.00009	.002	.00001	.00000	.00012	.00593	.00000	.0216
%RSD	56.474	.00461	.88706	2.6986	10.805	170.78	.49753	.33691
#1	-.00010	32.858	.00162	-.00017	.00102	-.00767	.00078	6.4193
#2	-.00022	32.860	.00164	-.00017	.00119	.00072	.00078	6.3888
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00030	123.86	-.00042	.01378	4.8819	.00019	.07904
Stddev	.00008	.00030	.75	.00035	.00036	.0232	.00011	.00001
%RSD	13.112	99.739	.60601	83.493	2.6042	.47484	59.444	.01470
#1	-.00063	-.00051	124.39	-.00017	.01352	4.8982	.00027	.07905
#2	-.00052	-.00009	123.33	-.00067	.01403	4.8655	.00011	.07903
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.285	4.1887	-.00488	-.00099	.00142	.0052	.16367	2.4957
Stddev	.022	.0223	.00025	.00069	.00174	.0006	.00048	.4859
%RSD	.19423	.53188	5.0514	69.501	122.52	11.89	.29075	19.468
#1	11.269	4.1730	-.00506	-.00051	.00265	.0056	.16400	2.1522
#2	11.300	4.2045	-.00471	-.00148	.00019	.0047	.16333	2.8393

Sample Name: J6343-15 Acquired: 12/15/2018 22:40:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0591
Stddev	.3723
%RSD	18.083

#1	1.7958
#2	2.3224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.9	39554.	3692.3	90.226	3275.5
Stddev	17.7	1048.	22.2	1.106	17.0
%RSD	.60468	2.6499	.60201	1.2261	.51862

#1	2920.4	40296.	3676.5	91.008	3263.5
#2	2945.5	38813.	3708.0	89.444	3287.5

Sample Name: J6343-17 Acquired: 12/15/2018 22:44:11 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	-.00017	-.00316	.00012	-.00045	.00913	.05450	-.00005
Stddev	.00178	.00068	.00033	.00170	.00134	.00495	.00008	.00002
%RSD	53.868	397.56	10.554	1370.2	301.02	54.236	.14021	30.181

#1	-.00205	-.00065	-.00340	.00132	.00050	.01264	.05445	-.00004
#2	-.00457	.00031	-.00293	-.00108	-.00140	.00563	.05456	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	13.475	.02746	.00026	-.00048	.02705	.00256	4.4881
Stddev	.00001	.032	.00001	.00016	.00046	.00622	.00003	.0677
%RSD	6.9105	.23449	.02128	62.032	95.105	22.994	1.2766	1.5089

#1	-.00008	13.453	.02747	.00015	-.00016	.03144	.00254	4.5360
#2	-.00008	13.498	.02746	.00038	-.00081	.02265	.00258	4.4402

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	.00017	94.456	-.00043	.00936	1.9232	-.00014	.03414
Stddev	.00010	.00034	.731	.00010	.00016	.0095	.00018	.00182
%RSD	4.2443	203.03	.77360	24.180	1.6612	.49662	126.66	5.3326

#1	.00232	-.00007	94.973	-.00036	.00925	1.9299	-.00001	.03543
#2	.00247	.00041	93.940	-.00050	.00947	1.9164	-.00026	.03286

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.384	4.2804	-.00527	.00116	.00060	.0011	.08414	2.0771
Stddev	.040	.0240	.00086	.00011	.00204	.0018	.00012	.0145
%RSD	.38059	.55995	16.262	9.5887	340.19	162.4	.14217	.69720

#1	10.356	4.2974	-.00466	.00108	-.00084	-.0002	.08422	2.0668
#2	10.412	4.2635	-.00587	.00124	.00204	.0023	.08405	2.0873

Sample Name: J6343-17 Acquired: 12/15/2018 22:44:11 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6017
Stddev	.4084
%RSD	25.496

#1	1.8904
#2	1.3129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.5	40139.	3753.4	93.269	3349.1
Stddev	15.8	88.	47.4	.666	12.0
%RSD	.53088	.21967	1.2618	.71378	.35782

#1	2959.3	40077.	3719.9	93.740	3340.7
#2	2981.6	40201.	3786.9	92.798	3357.6

Sample Name: J6343-19 Acquired: 12/15/2018 22:48:14 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00305	.00058	-.00117	-.00040	-.00091	.02542	.16218	.00021
Stddev	.00114	.00104	.00255	.00215	.00114	.00318	.00125	.00005
%RSD	37.491	178.71	218.29	535.00	124.66	12.510	.77108	25.377

#1	-.00386	-.00015	-.00297	-.00192	-.00011	.02317	.16307	.00018
#2	-.00224	.00131	.00063	.00112	-.00172	.02767	.16130	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	49.693	.00060	.00573	.00354	.01130	.10075	19.472
Stddev	.00000	.113	.00013	.00012	.00042	.00477	.00285	.044
%RSD	.69407	.22681	21.801	2.1468	11.849	42.245	2.8302	.22405

#1	.00065	49.613	.00069	.00582	.00384	.00792	.09873	19.502
#2	.00064	49.772	.00050	.00564	.00325	.01468	.10277	19.441

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00905	.00003	130.30	-.00014	.05552	4.1746	-.00005	.05100
Stddev	.00001	.00036	.17	.00057	.00054	.0343	.00025	.00228
%RSD	.12938	1263.2	.13206	410.60	.97724	.82083	554.73	4.4682

#1	.00905	-.00023	130.42	.00026	.05514	4.1989	.00013	.04939
#2	.00904	.00028	130.17	-.00054	.05590	4.1504	-.00023	.05261

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9323	6.6489	-.00273	.00514	.00406	.0005	.50626	2.2059
Stddev	.0029	.0291	.00004	.00171	.00059	.0006	.00130	.7073
%RSD	.09729	.43766	1.4793	33.268	14.628	117.9	.25645	32.065

#1	2.9343	6.6283	-.00271	.00393	.00364	.0001	.50717	1.7058
#2	2.9303	6.6695	-.00276	.00635	.00448	.0009	.50534	2.7061

Sample Name: J6343-19 Acquired: 12/15/2018 22:48:14 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4729
Stddev .8085
%RSD 54.897

#1 2.0446
#2 .90112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.7	40040.	3719.6	91.610	3226.5
Stddev	1.8	878.	12.9	.705	1.2
%RSD	.06302	2.1929	.34632	.76904	.03584

#1	2923.0	40661.	3710.5	92.108	3227.3
#2	2920.4	39419.	3728.7	91.112	3225.6

Sample Name: J6343-21 Acquired: 12/15/2018 22:52:17 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00494	-.00008	-.00330	-.00094	-.00292	.00915	.04218	-.00005
Stddev	.00149	.00007	.00031	.00099	.00122	.01418	.00052	.00005
%RSD	30.055	88.232	9.2937	105.62	41.954	154.90	1.2399	116.22

#1	-.00600	-.00013	-.00308	-.00024	-.00378	-.00087	.04181	-.00008
#2	-.00389	-.00003	-.00351	-.00164	-.00205	.01918	.04255	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	15.781	.00170	-.00002	.00057	.03693	.00128	3.9309
Stddev	.00001	.055	.00047	.00016	.00031	.00444	.00001	.0331
%RSD	.75745	.35079	27.387	752.14	53.615	12.035	.48447	.84257

#1	.00116	15.742	.00137	.00009	.00036	.03379	.00127	3.9075
#2	.00118	15.820	.00203	-.00013	.00079	.04007	.00128	3.9543

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00026	60.326	-.00056	.01651	3.4365	.00018	.04528
Stddev	.00009	.00004	.358	.00007	.00065	.0150	.00007	.00542
%RSD	13.406	14.972	.59344	12.434	3.9491	.43773	39.184	11.979

#1	.00071	.00029	60.579	-.00051	.01697	3.4471	.00013	.04145
#2	.00058	.00023	60.073	-.00061	.01604	3.4259	.00022	.04912

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2618	4.2728	-.00300	.00230	.00074	.0003	.10894	1.7211
Stddev	.0011	.0031	.00009	.00033	.00137	.0015	.00020	.3159
%RSD	.02041	.07166	3.0326	14.373	185.17	495.7	.18494	18.353

#1	5.2625	4.2707	-.00307	.00253	.00170	-.0008	.10909	1.9445
#2	5.2610	4.2750	-.00294	.00207	-.00023	.0014	.10880	1.4978

Sample Name: J6343-21 Acquired: 12/15/2018 22:52:17 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.56930
Stddev	.55831
%RSD	98.070

#1	.17451
#2	.96408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.6	40611.	3764.3	92.343	3417.7
Stddev	3.3	14.	26.0	3.322	9.1
%RSD	.11023	.03557	.69078	3.5977	.26622

#1	2994.3	40601.	3745.9	89.993	3411.3
#2	2999.0	40622.	3782.7	94.692	3424.1

Sample Name: J6358-16 Acquired: 12/15/2018 22:56:20 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW271- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	-.00067	-.00244	.00042	-.00158	.00876	.04249	-.00004
Stddev	.00096	.00041	.00076	.00143	.00079	.00075	.00044	.00001
%RSD	48.199	61.077	31.260	342.26	50.225	8.6022	1.0351	29.829

#1	-.00131	-.00038	-.00190	.00143	-.00214	.00823	.04281	-.00004
#2	-.00267	-.00096	-.00297	-.00059	-.00102	.00930	.04218	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	22.876	.01461	-.00016	-.00015	-.00512	.00078	3.9898
Stddev	.00009	.055	.00008	.00011	.00035	.00070	.00003	.0050
%RSD	3.2319	.24088	.54913	68.436	227.94	13.647	3.4694	.12594

#1	.00275	22.915	.01455	-.00008	.00009	-.00462	.00076	3.9863
#2	.00288	22.837	.01467	-.00023	-.00040	-.00561	.00079	3.9934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00017	34.663	.00057	.01346	2.7715	.00006	.01094
Stddev	.00047	.00051	.173	.00045	.00040	.0164	.00022	.00725
%RSD	157.93	300.55	.50037	80.028	2.9511	.59085	387.97	66.297

#1	-.00003	-.00019	34.786	.00025	.01374	2.7599	.00022	.01606
#2	.00063	.00053	34.540	.00089	.01318	2.7831	-.00010	.00581

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9443	5.1463	-.00262	.00107	.01687	.0334	1.2789	1.5667
Stddev	.0009	.0735	.00027	.00045	.00049	.0005	.0111	.0905
%RSD	.03195	1.4279	10.457	42.388	2.9187	1.470	.87020	5.7793

#1	2.9450	5.1983	-.00281	.00075	.01722	.0331	1.2868	1.6307
#2	2.9437	5.0944	-.00242	.00139	.01652	.0337	1.2710	1.5027

Sample Name: J6358-16 Acquired: 12/15/2018 22:56:20 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1835
Stddev	.6302
%RSD	53.249

#1	1.6292
#2	.73791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.5	41342.	3785.2	93.095	3478.8
Stddev	1.5	61.	53.8	2.368	2.2
%RSD	.05025	.14781	1.4224	2.5439	.06273

#1	3040.4	41385.	3747.1	91.420	3480.4
#2	3042.6	41298.	3823.2	94.770	3477.3

Sample Name: J6358-16DUP Acquired: 12/15/2018 23:00:24 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	.00038	-.00265	.00058	-.00042	.01510	.04232	-.00005
Stddev	.00124	.00014	.00032	.00144	.00050	.00157	.00075	.00002
%RSD	78.243	37.605	12.046	246.59	119.31	10.430	1.7613	29.784

#1	-.00071	.00048	-.00242	-.00043	-.00078	.01399	.04179	-.00006
#2	-.00247	.00028	-.00287	.00160	-.00007	.01621	.04285	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	22.996	.01477	-.00020	-.00071	-.00017	.00060	3.9761
Stddev	.00018	.011	.00020	.00002	.00003	.01361	.00003	.0523
%RSD	6.3239	.04931	1.3236	11.498	4.3726	8121.5	5.5860	1.3157

#1	.00290	22.988	.01463	-.00022	-.00073	.00946	.00062	3.9391
#2	.00265	23.004	.01491	-.00018	-.00069	-.00979	.00057	4.0131

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00011	34.892	.00105	.01388	2.7942	.00032	.00848
Stddev	.00004	.00021	.016	.00050	.00013	.0413	.00006	.01123
%RSD	36.492	184.26	.04529	48.106	.96104	1.4797	18.685	132.38

#1	-.00014	.00003	34.904	.00069	.01398	2.7650	.00036	.01643
#2	-.00008	-.00026	34.881	.00141	.01379	2.8235	.00028	.00054

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9568	5.1495	-.00295	-.00048	.01795	.0350	1.2863	1.5375
Stddev	.0035	.0020	.00001	.00167	.00052	.0005	.0022	.1156
%RSD	.11740	.03830	.22010	347.95	2.8934	1.543	.16931	7.5202

#1	2.9592	5.1481	-.00295	.00070	.01759	.0354	1.2878	1.4557
#2	2.9543	5.1509	-.00296	-.00166	.01832	.0346	1.2847	1.6193

Sample Name: J6358-16DUP Acquired: 12/15/2018 23:00:24 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.44497
Stddev	.14429
%RSD	32.428

#1	.54699
#2	.34294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.9	41357.	3811.3	92.483	3471.5
Stddev	4.5	45.	15.6	.945	5.3
%RSD	.14811	.10874	.40982	1.0214	.15318

#1	3041.7	41389.	3800.3	91.815	3467.7
#2	3048.1	41325.	3822.4	93.150	3475.2

Sample Name: CCV11 Acquired: 12/15/2018 23:04:28 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0231	5.3038	5.1879	5.0949	5.0646	10.105	10.558	.26071
Stddev	.0021	.0114	.0053	.0040	.0009	.026	.016	.00011
%RSD	.04237	.21394	.10145	.07871	.01711	.25906	.15388	.04140
#1	5.0216	5.2958	5.1916	5.0977	5.0640	10.123	10.569	.26078
#2	5.0246	5.3118	5.1841	5.0920	5.0652	10.086	10.546	.26063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6076	F 27.669	1.0620	2.5762	1.3050	5.2718	2.6448	F 27.514
Stddev	.0037	.138	.0061	.0056	.0023	.1351	.0023	.307
%RSD	.14182	.50026	.57695	.21548	.17874	2.5624	.08590	1.1168
#1	2.6050	27.572	1.0663	2.5722	1.3033	5.3673	2.6464	27.297
#2	2.6102	27.767	1.0576	2.5801	1.3066	5.1763	2.6432	27.731
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6220	1.2807	26.921	2.6082	2.6742	26.359	5.1007	5.4213
Stddev	.0050	.0039	.078	.0028	.0620	.045	.0109	.0263
%RSD	.19238	.30732	.28830	.10690	2.3182	.17119	.21320	.48454
#1	2.6184	1.2835	26.976	2.6062	2.7180	26.390	5.0930	5.4027
#2	2.6256	1.2779	26.866	2.6102	2.6304	26.327	5.1084	5.4398
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0118	5.3779	5.1560	5.2683	5.1252	5.232	5.2894	F 2.6391
Stddev	.0045	.0296	.0046	.0200	.0060	.022	.0038	.3280
%RSD	.08903	.55083	.08835	.37989	.11706	.4126	.07269	12.427
#1	5.0086	5.3569	5.1528	5.2541	5.1294	5.217	5.2921	2.8710
#2	5.0149	5.3988	5.1592	5.2825	5.1210	5.248	5.2866	2.4072

Sample Name: CCV11 Acquired: 12/15/2018 23:04:28 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3421
Stddev .6906
%RSD 20.664

#1 3.8305
#2 2.8538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.7	40237.	3756.4	87.841	3201.8
Stddev	2.8	102.	5.8	2.018	3.2
%RSD	.09175	.25325	.15562	2.2969	.09985

#1	3006.7	40165.	3760.5	86.415	3204.0
#2	3002.8	40309.	3752.3	89.268	3199.5

Sample Name: CCB11 Acquired: 12/15/2018 23:08:14 Type: Unk
Method: P4-ICP2(v2656) 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	-.00241	.00185	-.00131	.00172	-.00204	-.00289	.00266	.00002
Stddev	.00172	.00023	.00020	.00070	.00010	.00019	.00040	.00001
%RSD	71.529	12.537	15.137	40.747	4.6999	6.7298	14.874	68.143

#1	-.00119	.00202	-.00145	.00122	-.00198	-.00303	.00238	.00002
#2	-.00362	.00169	-.00117	.00222	-.00211	-.00275	.00294	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00141	.00027	.00003	-.00013	-.00547	.00015	-.06356
Stddev	.00009	.00483	.00008	.00006	.00009	.00496	.00005	.04096
%RSD	358.97	343.33	28.730	179.18	66.182	90.644	33.229	64.447

#1	.00008	.00201	.00033	-.00001	-.00020	-.00197	.00011	-.03459
#2	-.00004	-.00482	.00022	.00007	-.00007	-.00898	.00018	-.09252

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00006	.01287	-.00054	-.00074	-.05652	.00027	-.00159
Stddev	.00028	.00025	.00953	.00031	.00019	.01905	.00044	.00741
%RSD	49.727	409.83	74.040	57.366	25.278	33.712	162.02	467.00

#1	-.00075	-.00012	.00613	-.00032	-.00061	-.04304	.00058	.00365
#2	-.00036	.00024	.01961	-.00076	-.00087	-.06999	-.00004	-.00683

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00460	-.00173	.00061	.00146	.0010	.00018	F .80041
Stddev	.00026	.00018	.00014	.00133	.00010	.0000	.00001	.07382
%RSD	386.94	3.8389	8.0490	216.56	6.5408	.3384	7.2543	9.2233

#1	-.00012	.00472	-.00163	-.00033	.00139	.0010	.00017	.74821
#2	.00025	.00448	-.00183	.00156	.00152	.0010	.00019	.85261

Sample Name: CCB11 Acquired: 12/15/2018 23:08:14 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .50688
Stddev	1.0468
%RSD	206.53

#1	-.23335
#2	1.2471

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.7	42308.	3802.2	94.883	3686.9
Stddev	2.4	11.	30.0	.742	4.8
%RSD	.07661	.02497	.78828	.78250	.13102

#1	3153.0	42300.	3781.0	94.358	3690.3
#2	3156.4	42315.	3823.4	95.408	3683.5

Sample Name: J6358-16LX5 Acquired: 12/15/2018 23:12:21 Type: Unk
Method: P4-ICP2(v2656) 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	-.00314	.00056	-.00148	-.00064	-.00079	-.00458	.01047	-.00007
Stddev	.00061	.00025	.00039	.00107	.00046	.00457	.00066	.00004
%RSD	19.345	45.327	26.037	168.20	58.492	99.636	6.3412	61.139

#1	-.00357	.00038	-.00176	.00012	-.00047	-.00135	.01094	-.00004
#2	-.00271	.00074	-.00121	-.00140	-.00112	-.00781	.01000	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	4.6788	.00297	.00000	.00016	-.00645	.00050	.78470
Stddev	.00002	.0041	.00001	.00001	.00035	.00447	.00003	.00445
%RSD	2.9893	.08786	.39873	1033.1	218.86	69.325	5.5986	.56754

#1	.00060	4.6759	.00296	.00001	.00041	-.00962	.00048	.78785
#2	.00057	4.6817	.00297	-.00001	-.00009	-.00329	.00052	.78155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.00020	7.1420	-.00012	.00573	.54591	.00006	.00294
Stddev	.00008	.00038	.0480	.00007	.00008	.00667	.00000	.00596
%RSD	28.442	190.45	.67265	62.594	1.4793	1.2217	1.4972	203.04

#1	-.00036	-.00007	7.1760	-.00006	.00567	.54119	.00006	-.00128
#2	-.00024	.00046	7.1081	-.00017	.00579	.55062	.00006	.00715

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59585	1.0919	-.00198	.00228	.00504	.0092	.26346	.98109
Stddev	.00112	.0020	.00029	.00083	.00173	.0001	.00015	.09256
%RSD	.18865	.18504	14.595	36.215	34.335	.7899	.05845	9.4349

#1	.59665	1.0933	-.00218	.00169	.00627	.0092	.26357	1.0465
#2	.59506	1.0905	-.00178	.00286	.00382	.0093	.26335	.91564

Sample Name: J6358-16LX5 Acquired: 12/15/2018 23:12:21 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .56004
 Stddev .56724
 %RSD 101.29

#1 .15894
 #2 .96113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.8	42106.	3810.3	93.726	3627.9
Stddev	12.2	94.	17.6	2.063	12.0
%RSD	.38990	.22360	.46143	2.2005	.33117

#1	3113.2	42039.	3797.9	95.185	3619.4
#2	3130.4	42172.	3822.8	92.268	3636.4

Sample Name: J6358-16MS Acquired: 12/15/2018 23:16:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63872	1.6627	.80909	1.5903	.65184	1.6643	.22203
Stddev	.00119	.0034	.00068	.0045	.00071	.0055	.00056
%RSD	.18565	.20247	.08423	.28525	.10954	.33179	.25416

#1	.63788	1.6651	.80861	1.5935	.65235	1.6604	.22163
#2	.63956	1.6603	.80958	1.5871	.65134	1.6682	.22243

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16779	.16341	22.224	.37379	.16581	.26270	2.5624
Stddev	.00024	.00013	.016	.00070	.00036	.00045	.0697
%RSD	.14471	.07859	.07366	.18770	.21491	.16994	2.7208

#1	.16796	.16350	22.235	.37428	.16607	.26301	2.6117
#2	.16761	.16332	22.212	.37329	.16556	.26238	2.5131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18088	5.4989	.42026	.05934	34.787	.26854	.18161
Stddev	.00011	.0870	.00167	.00015	.058	.00038	.00429
%RSD	.06248	1.5826	.39718	.25063	.16620	.14255	2.3616

#1	.18080	5.5604	.42145	.05944	34.828	.26827	.18464
#2	.18096	5.4374	.41908	.05923	34.746	.26881	.17857

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.489	.33628	.28076	2.7052	5.5580	.55177	.17030
Stddev	.016	.00098	.01028	.0077	.0150	.00255	.00112
%RSD	.13811	.29113	3.6615	.28345	.26961	.46176	.66055

#1	11.478	.33697	.27349	2.7106	5.5474	.55357	.16950
#2	11.500	.33559	.28803	2.6998	5.5686	.54997	.17109

Sample Name: J6358-16MS Acquired: 12/15/2018 23:16:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18967	4.631	1.3519	1.4971	F<.00000
Stddev	.00007	.026	.0037	.0897	.49577
%RSD	.03531	.5639	.27081	5.9930	26.797

#1	.18963	4.649	1.3545	1.5605	-2.2006
#2	.18972	4.612	1.3493	1.4336	-1.4995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3054.3	41157.	3757.9	92.721	3445.4
Stddev	1.0	32.	12.0	1.935	4.4
%RSD	.03404	.07655	.32037	2.0869	.12734

#1	3053.5	41179.	3766.4	91.353	3442.3
#2	3055.0	41135.	3749.4	94.089	3448.5

Sample Name: J6358-16MSD Acquired: 12/15/2018 23:20:17 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64500	1.6820	.82100	1.6127	.66082	1.6763	.22071	.16701
Stddev	.00148	.0073	.00546	.0002	.00253	.0146	.00582	.00160
%RSD	.23008	.43638	.66514	.01152	.38286	.87356	2.6359	.95690
#1	.64395	1.6768	.81714	1.6125	.65903	1.6867	.21660	.16814
#2	.64605	1.6872	.82487	1.6128	.66261	1.6659	.22483	.16588
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16469	21.972	.37154	.16785	.26433	2.5058	.18002	5.4336
Stddev	.00093	.640	.00488	.00068	.00037	.1209	.00133	.1372
%RSD	.56342	2.9126	1.3130	.40682	.14093	4.8251	.73820	2.5256
#1	.16403	21.520	.37499	.16736	.26460	2.4203	.18096	5.3365
#2	.16534	22.425	.36809	.16833	.26407	2.5913	.17908	5.5306
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42541	.05943	34.658	.26727	.17993	11.383	.33923	.27891
Stddev	.00310	.00003	1.074	.00150	.01015	.278	.00124	.00060
%RSD	.72808	.04324	3.0980	.56164	5.6400	2.4380	.36561	.21510
#1	.42322	.05945	33.899	.26833	.17275	11.187	.34011	.27849
#2	.42760	.05941	35.418	.26621	.18710	11.579	.33836	.27934
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7406	5.5238	.55528	.16829	.18904	4.682	1.3577	2.0477
Stddev	.0010	.1495	.00385	.00317	.00483	.022	.0390	.1316
%RSD	.03694	2.7067	.69422	1.8846	2.5537	.4696	2.8743	6.4267
#1	2.7414	5.4181	.55255	.16604	.18562	4.667	1.3301	2.1407
#2	2.7399	5.6296	.55801	.17053	.19245	4.698	1.3853	1.9546

Sample Name: J6358-16MSD Acquired: 12/15/2018 23:20:17 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.08102
%RSD	8.8821

#1	-.85484
#2	-.96942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.0	40618.	3741.5	93.370	3396.6
Stddev	20.6	258.	95.8	4.671	10.1
%RSD	.68507	.63396	2.5614	5.0028	.29798

#1	2996.4	40436.	3809.3	96.673	3389.5
#2	3025.5	40800.	3673.8	90.067	3403.8

Sample Name: J6358-16A Acquired: 12/15/2018 23:24:09 Type: Unk
Method: P4-ICP2(v2656) 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	.65293	1.6972	.82508	1.6288	.66603	1.6959	.22224
Stddev	.00282	.0088	.00350	.0098	.00725	.0399	.00070
%RSD	.43158	.51836	.42415	.60320	1.0880	2.3508	.31423

#1	.65492	1.7034	.82755	1.6358	.67115	1.6677	.22274
#2	.65094	1.6910	.82260	1.6219	.66090	1.7241	.22175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16943	.16645	22.045	.37780	.16954	.26707	2.5262
Stddev	.00332	.00088	.115	.00685	.00078	.00171	.0521
%RSD	1.9618	.52911	.52150	1.8118	.45806	.64065	2.0636

#1	.16708	.16707	21.963	.37296	.17009	.26828	2.5631
#2	.17178	.16583	22.126	.38264	.16899	.26586	2.4894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18265	5.4665	.42916	.05986	35.157	.27157	.18421
Stddev	.00356	.0677	.00164	.00125	.090	.00354	.00431
%RSD	1.9501	1.2391	.38179	2.0806	.25732	1.3037	2.3381

#1	.18013	5.5144	.43032	.05898	35.221	.26906	.18726
#2	.18517	5.4186	.42800	.06074	35.093	.27407	.18117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.534	.34247	.27983	2.7685	5.6202	.56021	.17258
Stddev	.028	.00295	.00271	.0065	.0193	.00193	.00059
%RSD	.24247	.86148	.96976	.23571	.34353	.34407	.34260

#1	11.553	.34456	.27791	2.7731	5.6066	.56157	.17216
#2	11.514	.34038	.28175	2.7639	5.6339	.55885	.17300

Sample Name: J6358-16A Acquired: 12/15/2018 23:24:09 Type: Unk
 Method: P4-ICP2(v2656) 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	.19110	4.723	1.3668	2.1060	F<.00000
Stddev	.00080	.004	.0064	.3155	.10148
%RSD	.41799	.0829	.46612	14.981	6.9242

#1	.19054	4.726	1.3713	1.8829	-1.3939
#2	.19167	4.721	1.3623	2.3291	-1.5374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.7	40342.	3690.2	91.401	3373.4
Stddev	24.6	382.	28.2	2.307	20.2
%RSD	.82390	.94569	.76470	2.5241	.59930

#1	2972.3	40612.	3670.3	89.770	3359.1
#2	3007.1	40072.	3710.2	93.033	3387.7

Sample Name: J6358-17 Acquired: 12/15/2018 23:28:01 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	.00108	-.00374	.00131	-.00188	.01200	.01018	-.00002
Stddev	.00051	.00108	.00055	.00087	.00163	.01011	.00008	.00001
%RSD	22.847	99.239	14.738	66.292	87.001	84.295	.82172	44.318

#1	-.00189	.00032	-.00413	.00070	-.00303	.01915	.01024	-.00001
#2	-.00261	.00184	-.00335	.00192	-.00072	.00485	.01012	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	3.7680	.00276	-.00019	.01417	.00483	.00060	.83133
Stddev	.00001	.0369	.00005	.00007	.00017	.00020	.00000	.08726
%RSD	2.9479	.98074	1.7448	35.932	1.2097	4.0487	.30579	10.496

#1	.00029	3.7941	.00273	-.00014	.01405	.00469	.00060	.76963
#2	.00031	3.7418	.00279	-.00024	.01429	.00496	.00059	.89304

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.00009	5.3378	-.00045	.01867	.59114	.00012	.00911
Stddev	.00006	.00019	.1236	.00000	.00012	.03932	.00009	.00607
%RSD	4.2418	209.82	2.3153	.03774	.66492	6.6522	71.663	66.595

#1	.00144	.00023	5.4252	-.00045	.01876	.61894	.00006	.01340
#2	.00136	-.00004	5.2504	-.00045	.01858	.56333	.00018	.00482

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44061	1.5212	-.00228	.00075	-.00048	.0064	.01702	.59306
Stddev	.00110	.0233	.00098	.00111	.00010	.0007	.00031	.21586
%RSD	.24921	1.5292	42.875	147.70	21.580	11.14	1.8322	36.398

#1	.43983	1.5377	-.00297	.00154	-.00041	.0059	.01724	.74569
#2	.44138	1.5048	-.00159	-.00003	-.00055	.0069	.01680	.44042

Sample Name: J6358-17 Acquired: 12/15/2018 23:28:01 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .40698
 %RSD 165.29

#1 .04156
 #2 -.53400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.0	42341.	3803.8	93.492	3634.6
Stddev	7.2	186.	59.2	1.037	4.3
%RSD	.23252	.43913	1.5572	1.1093	.11823

#1	3107.9	42210.	3762.0	92.758	3631.6
#2	3118.1	42473.	3845.7	94.225	3637.7

Sample Name: J6358-18 Acquired: 12/15/2018 23:32:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	-.00042	-.00035	.00346	-.00225	.24036	.19141	.00018
Stddev	.00075	.00062	.00142	.00223	.00093	.02796	.00017	.00004
%RSD	33.288	147.60	403.38	64.449	41.377	11.631	.08765	19.926

#1	-.00279	-.00086	-.00136	.00188	-.00159	.26012	.19153	.00016
#2	-.00172	.00002	.00065	.00504	-.00290	.22059	.19129	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	94.809	.00038	.00781	.00660	.80914	.44742	13.352
Stddev	.00008	.337	.00052	.00041	.00033	.00668	.00160	.121
%RSD	20.879	.35565	137.84	5.2486	4.9785	.82537	.35728	.90322

#1	.00034	94.571	.00075	.00810	.00684	.81386	.44628	13.266
#2	.00046	95.048	.00001	.00752	.00637	.80441	.44855	13.437

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00044	241.96	-.00035	.02225	7.2214	.00021	.06411
Stddev	.00053	.00008	1.36	.00022	.00013	.0415	.00031	.00757
%RSD	116.73	17.254	.56234	63.178	.58613	.57411	146.04	11.804

#1	-.00008	-.00049	240.99	-.00019	.02216	7.1921	.00043	.05876
#2	-.00083	-.00039	242.92	-.00051	.02234	7.2507	-.00001	.06947

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.499	5.7629	-.00752	-.00135	.00171	.0049	.69512	2.9948
Stddev	.032	.0151	.00002	.00135	.00194	.0011	.00376	.1332
%RSD	.17080	.26231	.24824	100.31	113.44	21.98	.54105	4.4474

#1	18.476	5.7522	-.00753	-.00039	.00034	.0041	.69247	2.9006
#2	18.521	5.7736	-.00751	-.00231	.00307	.0057	.69778	3.0890

Sample Name: J6358-18 Acquired: 12/15/2018 23:32:07 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4695
Stddev	.3700
%RSD	14.981

#1	2.7311
#2	2.2079

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.0	38971.	3775.7	88.266	3115.5
Stddev	8.0	76.	4.3	.758	6.8
%RSD	.27292	.19612	.11384	.85842	.21708

#1	2946.7	38917.	3778.7	88.801	3120.2
#2	2935.3	39025.	3772.6	87.730	3110.7

Sample Name: J6358-19 Acquired: 12/15/2018 23:36:16 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	.00046	-.00162	.00154	-.00225	-.00172	.03719	-.00003
Stddev	.00186	.00007	.00058	.00008	.00252	.01074	.00026	.00002
%RSD	69.867	14.796	35.704	5.1715	112.39	626.41	.70325	75.504

#1	-.00399	.00042	-.00121	.00160	-.00046	-.00931	.03701	-.00004
#2	-.00135	.00051	-.00203	.00149	-.00403	.00588	.03738	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	28.972	.00602	.00088	-.00013	.03952	.00336	5.0715
Stddev	.00006	.155	.00005	.00022	.00020	.00286	.00036	.0659
%RSD	21.706	.53401	.76216	24.978	155.15	7.2268	10.646	1.2992

#1	.00022	28.863	.00605	.00104	-.00027	.03750	.00311	5.0249
#2	.00030	29.081	.00599	.00073	.00001	.04154	.00361	5.1181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	.00002	113.98	.00022	.00682	5.9169	.00025	.12894
Stddev	.00030	.00040	.53	.00050	.00006	.0474	.00046	.00238
%RSD	12.006	1881.5	.46359	229.03	.86460	.80152	184.16	1.8475

#1	.00232	.00030	113.61	.00058	.00678	5.8833	.00057	.13062
#2	.00275	-.00026	114.35	-.00014	.00686	5.9504	-.00008	.12725

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.200	7.3093	-.00781	.00044	.00236	.0250	.16895	3.7032
Stddev	.103	.0898	.00024	.00165	.00014	.0011	.00136	2.5002
%RSD	.59814	1.2290	3.0453	378.63	6.0875	4.448	.80380	67.514

#1	17.273	7.2458	-.00798	-.00073	.00246	.0258	.16799	1.9353
#2	17.127	7.3729	-.00764	.00160	.00226	.0242	.16991	5.4711

Sample Name: J6358-19 Acquired: 12/15/2018 23:36:16 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0386
Stddev	.3791
%RSD	36.502

#1	.77053
#2	1.3067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.2	37601.	3749.9	93.622	3315.4
Stddev	34.8	3626.	2.5	.653	35.3
%RSD	1.1697	9.6432	.06697	.69782	1.0640

#1	2948.7	40165.	3751.6	94.084	3290.4
#2	2997.8	35037.	3748.1	93.160	3340.3

Sample Name: J6358-20 Acquired: 12/15/2018 23:40:19 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	.00010	.00129	.00174	-.00137	-.00934	.08702	-.00005
Stddev	.00026	.00227	.00492	.00009	.00127	.01680	.00016	.00004
%RSD	8.2237	2248.6	380.57	5.4003	92.730	179.87	.18666	89.477

#1	-.00331	.00170	.00477	.00167	-.00047	.00254	.08714	-.00008
#2	-.00294	-.00150	-.00219	.00181	-.00227	-.02121	.08691	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	46.414	.00490	.00072	-.00015	.00289	.00099	7.2009
Stddev	.00002	.139	.00023	.00027	.00049	.01336	.00008	.1080
%RSD	2.0220	.29852	4.6358	37.332	317.24	462.79	7.7267	1.4996

#1	.00102	46.316	.00474	.00053	-.00050	.01233	.00105	7.1246
#2	.00099	46.512	.00506	.00091	.00019	-.00656	.00094	7.2773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00015	134.88	-.00008	.01365	9.3092	.00012	.20225
Stddev	.00005	.00009	.88	.00000	.00035	.0866	.00003	.01281
%RSD	203.72	60.619	.65504	4.2642	2.5802	.92975	21.970	6.3347

#1	-.00006	-.00008	134.26	-.00008	.01340	9.2480	.00010	.19319
#2	.00001	-.00021	135.51	-.00008	.01389	9.3704	.00013	.21131

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.359	6.4439	-.00505	.00078	.00249	.0037	.24753	1.8332
Stddev	.030	.0065	.00033	.00345	.00019	.0018	.00295	.9537
%RSD	.28565	.10077	6.6131	441.83	7.7665	48.93	1.1909	52.022

#1	10.379	6.4485	-.00528	.00322	.00262	.0050	.24544	2.5075
#2	10.338	6.4393	-.00481	-.00166	.00235	.0024	.24961	1.1588

Sample Name: J6358-20 Acquired: 12/15/2018 23:40:19 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0458
Stddev	1.0816
%RSD	52.870

#1	2.8107
#2	1.2810

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.8	40719.	3797.4	91.170	3293.8
Stddev	8.0	1159.	6.3	2.038	10.6
%RSD	.26804	2.8465	.16529	2.2349	.32147

#1	2979.1	39899.	3801.9	92.611	3286.3
#2	2990.4	41539.	3793.0	89.730	3301.3

Sample Name: J6358-21 Acquired: 12/15/2018 23:44:24 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00324	.00028	-.00267	.00282	-.00133	-.00450	.07416	-.00004
Stddev	.00300	.00131	.00097	.00038	.00057	.00045	.00031	.00005
%RSD	92.504	471.18	36.266	13.347	42.555	9.9176	.42325	111.84

#1	-.00112	.00120	-.00336	.00255	-.00173	-.00418	.07438	-.00007
#2	-.00536	-.00065	-.00199	.00308	-.00093	-.00481	.07394	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	21.451	.01105	.00004	-.00052	-.00903	.00236	5.5384
Stddev	.00010	.046	.00007	.00003	.00003	.00689	.00009	.0736
%RSD	1.5570	.21521	.65828	66.312	5.3665	76.254	3.9213	1.3290

#1	.00624	21.418	.01110	.00006	-.00050	-.01390	.00242	5.4864
#2	.00611	21.484	.01100	.00002	-.00054	-.00416	.00229	5.5905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00008	41.140	-.00066	.01098	3.6758	.00003	.02186
Stddev	.00020	.00047	.180	.00005	.00015	.0204	.00019	.01543
%RSD	137.75	563.24	.43711	7.2599	1.3933	.55375	736.01	70.587

#1	-.00029	.00042	41.267	-.00069	.01109	3.6614	-.00011	.01095
#2	-.00000	-.00025	41.013	-.00062	.01087	3.6902	.00016	.03277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0891	4.9068	-.00251	.00144	-.00018	.0027	.14398	.08348
Stddev	.0077	.0464	.00002	.00138	.00015	.0003	.00007	.79689
%RSD	.24911	.94572	.82836	95.263	82.431	11.99	.05065	954.64

#1	3.0836	4.9396	-.00253	.00242	-.00028	.0029	.14393	.64696
#2	3.0945	4.8740	-.00250	.00047	-.00007	.0024	.14404	-.48001

Sample Name: J6358-21 Acquired: 12/15/2018 23:44:24 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.33831
Stddev	.57618
%RSD	170.31

#1	-.06912
#2	.74573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.0	42586.	3872.3	95.398	3566.7
Stddev	1.4	1346.	26.7	1.006	.8
%RSD	.04386	3.1605	.68859	1.0545	.02119

#1	3150.0	41634.	3853.5	94.686	3567.3
#2	3152.0	43537.	3891.2	96.109	3566.2

Sample Name: J6358-22 Acquired: 12/15/2018 23:48:27 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	.00370	-.00890	.00162	-.00251	-.00602	-.00829	-.00009
Stddev	.00032	.00007	.00004	.00078	.00002	.00337	.00010	.00002
%RSD	10.911	2.0123	.45979	48.194	.69548	55.982	1.2011	17.644

#1	-.00268	.00365	-.00887	.00217	-.00252	-.00840	-.00837	-.00010
#2	-.00312	.00375	-.00893	.00107	-.00249	-.00364	-.00822	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.01347	-.00004	-.00005	-.00013	-.02236	-.00023	-.02164
Stddev	.00003	.00205	.00002	.00004	.00004	.00109	.00001	.00237
%RSD	21.088	15.254	49.894	79.649	28.503	4.8901	5.8526	10.955

#1	.00017	-.01492	-.00003	-.00007	-.00010	-.02159	-.00024	-.02332
#2	.00013	-.01202	-.00006	-.00002	-.00015	-.02313	-.00022	-.01996

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	-.00063	-.06088	.00013	-.00192	.11446	-.00012	-.01244
Stddev	.00001	.00003	.00362	.00002	.00002	.01146	.00011	.00248
%RSD	.15421	4.5560	5.9437	12.469	1.3015	10.010	89.802	19.927

#1	.00574	-.00065	-.05832	.00012	-.00190	.10636	-.00020	-.01420
#2	.00573	-.00061	-.06344	.00014	-.00194	.12256	-.00005	-.01069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00829	-.02714	-.00252	.00010	-.00951	.0014	.00013	^ *****
Stddev	.00093	.00101	.00004	.00022	.00048	.0000	.00003	-----
%RSD	11.179	3.7389	1.4416	225.53	5.0965	1.897	26.219	-----

#1	-.00763	-.02642	-.00249	-.00006	-.00917	.0014	.00011	^ -----
#2	-.00895	-.02785	-.00254	.00025	-.00986	.0014	.00016	^ -----

Sample Name: J6358-22 Acquired: 12/15/2018 23:48:27 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8372
Stddev	.0136
%RSD	.28117

#1	4.8469
#2	4.8276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11397.	151380.	9776.0	250.12	14301.
Stddev	55.	387.	241.0	2.79	62.
%RSD	.48040	.25557	2.4648	1.1152	.43160

#1	11359.	151660.	9605.6	248.15	14257.
#2	11436.	151110.	9946.4	252.09	14344.

Sample Name: CCV12 Acquired: 12/15/2018 23:52:33 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14361 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9960	5.3131	5.1524	5.1212	5.0591	10.030	10.563	.25953
Stddev	.0073	.0044	.0020	.0006	.0044	.021	.020	.00034
%RSD	.14558	.08226	.03848	.01133	.08759	.20959	.19160	.13199
#1	4.9908	5.3162	5.1538	5.1208	5.0559	10.015	10.577	.25929
#2	5.0011	5.3101	5.1510	5.1216	5.0622	10.045	10.549	.25977
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6028	27.249	1.0628	2.5620	1.3082	5.0168	2.6339	27.147
Stddev	.0013	.111	.0027	.0034	.0026	.1843	.0039	.075
%RSD	.05007	.40664	.24940	.13233	.19734	3.6728	.14692	.27713
#1	2.6019	27.327	1.0609	2.5596	1.3064	5.1471	2.6312	27.200
#2	2.6037	27.171	1.0647	2.5644	1.3100	4.8865	2.6366	27.093
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6306	1.2741	27.154	2.6010	2.5756	26.331	5.0852	5.4711
Stddev	.0031	.0012	.056	.0009	.0889	.028	.0002	.0167
%RSD	.11845	.09152	.20478	.03467	3.4527	.10609	.00313	.30533
#1	2.6284	1.2733	27.193	2.6004	2.6385	26.351	5.0853	5.4829
#2	2.6328	1.2749	27.114	2.6017	2.5127	26.311	5.0851	5.4592
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9874	5.3167	5.1369	5.2028	5.1498	5.244	5.2752	F 2.5282
Stddev	.0106	.0256	.0069	.0123	.0177	.007	.0144	.0705
%RSD	.21281	.48093	.13501	.23569	.34370	.1348	.27334	2.7900
#1	4.9949	5.3347	5.1320	5.2114	5.1623	5.239	5.2854	2.4783
#2	4.9799	5.2986	5.1418	5.1941	5.1372	5.249	5.2650	2.5781

Sample Name: CCV12 Acquired: 12/15/2018 23:52:33 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14361 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8100
Stddev .5404
%RSD 19.231

#1 2.4279
#2 3.1922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.4	40078.	3747.3	90.586	3201.3
Stddev	8.5	24.	31.3	3.277	8.2
%RSD	.28211	.05941	.83453	3.6170	.25724

#1	2996.5	40061.	3725.2	88.269	3195.4
#2	3008.4	40095.	3769.4	92.903	3207.1

Sample Name: CCB12 Acquired: 12/15/2018 23:56:20 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14361 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	.00308	-.00174	.00287	-.00067	-.01453	.00195
Stddev	.00012	.00067	.00041	.00029	.00006	.00479	.00067
%RSD	4.4753	21.845	23.309	9.9385	8.8998	32.973	34.434

#1	-.00267	.00356	-.00203	.00307	-.00071	-.01114	.00242
#2	-.00251	.00261	-.00145	.00267	-.00063	-.01791	.00147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00003	-.00484	-.00025	.00006	-.00041	-.00656
Stddev	.00000	.00001	.01040	.00004	.00011	.00018	.00522
%RSD	6.2538	27.510	214.80	17.470	181.11	44.594	79.595

#1	-.00007	.00003	-.01220	-.00022	-.00002	-.00028	-.01025
#2	-.00008	.00004	.00251	-.00028	.00013	-.00053	-.00287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00497	-.00059	.00002	.02073	-.00034	-.00081
Stddev	.00004	.03434	.00036	.00018	.00772	.00059	.00013
%RSD	35.010	691.11	61.921	935.37	37.248	175.77	16.548

#1	.00014	-.01931	-.00085	.00014	.02619	.00008	-.00072
#2	.00008	.02925	-.00033	-.00011	.01527	-.00075	-.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00787	.00033	-.00734	.00346	.00635	-.00060	.00016
Stddev	.00142	.00027	.00683	.00063	.00272	.00035	.00255
%RSD	18.032	81.364	93.115	18.261	42.869	59.326	1545.5

#1	.00887	.00051	-.01217	.00301	.00827	-.00035	-.00164
#2	.00686	.00014	-.00251	.00391	.00442	-.00085	.00197

Sample Name: CCB12 Acquired: 12/15/2018 23:56:20 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14361 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00118	.0012	.00004	F<.00000	F .42799
Stddev	.00005	.0004	.00001	.02016	.02651
%RSD	3.8990	31.21	22.284	11.873	6.1931

#1	.00121	.0014	.00003	-.18402	.40924
#2	.00115	.0009	.00004	-.15552	.44673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.5	43493.	3870.4	96.583	3775.3
Stddev	14.6	106.	19.9	2.381	9.8
%RSD	.44933	.24309	.51420	2.4648	.25894

#1	3234.1	43418.	3856.4	98.267	3768.4
#2	3254.8	43568.	3884.5	94.900	3782.2

Sample Name: J6358-23 Acquired: 12/16/2018 0:00:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	-.00102	-.00093	.00190	-.00166	-.00207	.27029	-.00007
Stddev	.00292	.00040	.00046	.00024	.00128	.01407	.00631	.00002
%RSD	116.27	39.722	49.702	12.464	77.114	678.24	2.3327	22.448

#1	-.00457	-.00131	-.00125	.00207	-.00257	-.01202	.27474	-.00009
#2	-.00045	-.00073	-.00060	.00173	-.00076	.00787	.26583	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18403	97.979	.01329	-.00004	-.00035	-.00368	.00169	17.396
Stddev	.00226	2.222	.00020	.00007	.00099	.01297	.00001	.471
%RSD	1.2257	2.2676	1.4952	161.34	285.16	352.27	.67219	2.7103

#1	.18563	99.550	.01315	.00001	.00035	-.01286	.00168	17.729
#2	.18244	96.408	.01343	-.00009	-.00104	.00549	.00170	17.063

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	.00078	212.71	.00001	.08493	8.5099	.00031	.03305
Stddev	.00044	.00017	4.03	.00027	.00169	.2158	.00041	.00017
%RSD	17.186	22.006	1.8956	2342.0	1.9923	2.5356	133.27	.50642

#1	.00224	.00065	215.57	.00020	.08612	8.6625	.00002	.03317
#2	.00285	.00090	209.86	-.00018	.08373	8.3573	.00060	.03293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6931	5.7786	-.00381	-.00155	.00171	.0026	.68791	2.6519
Stddev	.1021	.1009	.00090	.00239	.00051	.0020	.01658	.1465
%RSD	1.3274	1.7466	23.754	154.60	30.066	77.04	2.4101	5.5255

#1	7.7653	5.8500	-.00445	.00014	.00207	.0039	.69964	2.5483
#2	7.6209	5.7073	-.00317	-.00323	.00135	.0012	.67619	2.7555

Sample Name: J6358-23 Acquired: 12/16/2018 0:00:26 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9225
Stddev	.6674
%RSD	34.715

#1	1.4506
#2	2.3945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.5	39393.	3837.9	92.543	3212.8
Stddev	36.2	39.	83.1	1.731	41.7
%RSD	1.2187	.10023	2.1641	1.8700	1.2977

#1	2943.9	39365.	3779.1	91.319	3183.3
#2	2995.1	39421.	3896.6	93.767	3242.3

Sample Name: J6358-24 Acquired: 12/16/2018 0:04:34 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00231	-.00023	-.00223	.00228	-.00207	-.01565	.12963	.00002
Stddev	.00116	.00232	.00115	.00035	.00090	.01012	.00032	.00001
%RSD	50.184	998.00	51.354	15.499	43.676	64.688	.24488	33.418

#1	-.00313	.00141	-.00142	.00252	-.00143	-.02281	.12985	.00002
#2	-.00149	-.00187	-.00304	.00203	-.00271	-.00849	.12941	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	31.739	.00617	.00504	-.00088	.09559	.08498	8.6376
Stddev	.00001	.257	.00050	.00001	.00024	.00450	.00068	.0990
%RSD	30.520	.80863	8.1537	.13617	27.335	4.7037	.80533	1.1462

#1	-.00003	31.557	.00582	.00504	-.00105	.09877	.08546	8.5676
#2	-.00005	31.920	.00653	.00503	-.00071	.09241	.08449	8.7076

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00007	128.15	-.00002	.01155	4.0324	-.00012	.06351
Stddev	.00001	.00010	.31	.00013	.00007	.0212	.00020	.00778
%RSD	5.1036	147.77	.23971	607.59	.64724	.52608	164.68	12.253

#1	.00023	.00000	127.94	-.00011	.01150	4.0174	-.00026	.05801
#2	.00021	-.00014	128.37	.00007	.01160	4.0474	.00002	.06901

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.605	5.8222	-.00508	.00048	.00243	.0019	.24005	1.6787
Stddev	.109	.0076	.00034	.00064	.00071	.0017	.00120	.4772
%RSD	1.0293	.13097	6.6695	132.57	29.165	90.51	.50001	28.426

#1	10.528	5.8276	-.00484	.00003	.00193	.0031	.23920	2.0162
#2	10.682	5.8169	-.00532	.00093	.00293	.0007	.24089	1.3413

Sample Name: J6358-24 Acquired: 12/16/2018 0:04:34 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9023
Stddev	.1402
%RSD	7.3685

#1	2.0014
#2	1.8032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.3	40420.	3730.7	93.732	3295.0
Stddev	.4	466.	6.6	.069	7.1
%RSD	.01468	1.1530	.17768	.07362	.21567

#1	2978.6	40091.	3726.0	93.781	3300.0
#2	2978.0	40750.	3735.4	93.684	3290.0

Sample Name: J6358-27 Acquired: 12/16/2018 0:08:38 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00417	.00063	-.00070	.00247	-.00370	-.00837	.12488	.00000
Stddev	.00072	.00026	.00072	.00115	.00041	.01656	.00040	.00000
%RSD	17.193	42.020	102.91	46.423	10.983	197.83	.31851	894.75
#1	-.00366	.00081	-.00019	.00328	-.00399	.00334	.12516	-.00000
#2	-.00467	.00044	-.00121	.00166	-.00342	-.02008	.12460	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	30.570	.00843	.00498	-.00044	.14705	.08733	8.3097
Stddev	.00000	.032	.00013	.00016	.00013	.01425	.00037	.1281
%RSD	2.4862	.10382	1.5882	3.1202	28.865	9.6939	.42213	1.5417
#1	-.00009	30.548	.00833	.00509	-.00053	.13697	.08759	8.4003
#2	-.00009	30.593	.00852	.00487	-.00035	.15713	.08707	8.2191
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00024	122.82	.00015	.01675	3.8958	.00027	.06226
Stddev	.00016	.00014	1.37	.00046	.00013	.0000	.00028	.00585
%RSD	41.771	57.821	1.1125	301.34	.79704	.00046	106.29	9.3933
#1	.00051	.00014	123.78	.00048	.01666	3.8958	.00007	.05813
#2	.00028	.00033	121.85	-.00017	.01685	3.8958	.00047	.06640
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.200	5.6091	-.00533	.00063	.00124	.0008	.23104	1.5129
Stddev	.071	.0667	.00041	.00144	.00096	.0004	.00031	.0455
%RSD	.69245	1.1890	7.7303	230.24	77.291	52.75	.13239	3.0094
#1	10.250	5.6562	-.00562	.00165	.00056	.0005	.23126	1.4807
#2	10.150	5.5619	-.00504	-.00039	.00191	.0010	.23083	1.5451

Sample Name: J6358-27 Acquired: 12/16/2018 0:08:38 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9689
Stddev	.7435
%RSD	37.764

#1	2.4946
#2	1.4431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3043.2	40685.	3830.0	95.536	3361.1
Stddev	12.6	110.	53.3	.248	16.9
%RSD	.41290	.26921	1.3916	.25967	.50340

#1	3034.3	40607.	3792.4	95.711	3349.1
#2	3052.1	40762.	3867.7	95.360	3373.0

Sample Name: J6358-28 Acquired: 12/16/2018 0:12:42 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00349	-.00056	-.00252	.00044	-.00167	-.00596	.12146	-.00004
Stddev	.00052	.00160	.00195	.00026	.00111	.00729	.00208	.00008
%RSD	14.961	284.21	77.307	58.741	66.750	122.34	1.7124	201.35
#1	-.00386	.00057	-.00390	.00026	-.00245	-.01112	.11999	-.00010
#2	-.00312	-.00169	-.00114	.00062	-.00088	-.00080	.12293	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	30.074	.00617	.00481	.00050	.10281	.08340	8.0332
Stddev	.00004	.175	.00035	.00039	.00013	.00436	.00094	.0968
%RSD	56.995	.58043	5.6302	8.0017	26.415	4.2391	1.1294	1.2048
#1	-.00004	29.951	.00642	.00509	.00060	.10589	.08406	7.9648
#2	-.00011	30.198	.00593	.00454	.00041	.09973	.08273	8.1017
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00022	120.12	-.00020	.01530	3.8190	-.00003	.05537
Stddev	.00055	.00096	.22	.00055	.00022	.0265	.00013	.00282
%RSD	73.407	433.79	.18691	271.58	1.4280	.69397	492.31	5.0981
#1	.00036	.00090	119.97	.00019	.01546	3.8003	.00007	.05337
#2	.00114	-.00046	120.28	-.00060	.01515	3.8377	-.00012	.05737
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.074	5.5193	-.00531	.00084	.00178	.0010	.22681	1.9892
Stddev	.043	.0403	.00074	.00153	.00027	.0017	.00101	.4739
%RSD	.42246	.73110	13.954	181.48	14.915	176.2	.44618	23.825
#1	10.044	5.5479	-.00583	.00193	.00197	-.0002	.22610	2.3243
#2	10.104	5.4908	-.00479	-.00024	.00159	.0022	.22753	1.6541

Sample Name: J6358-28 Acquired: 12/16/2018 0:12:42 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5230
Stddev	.2677
%RSD	17.576

#1	1.3337
#2	1.7122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.6	40190.	3838.2	94.581	3358.3
Stddev	5.7	683.	18.7	1.101	12.0
%RSD	.18792	1.6982	.48612	1.1643	.35878

#1	3032.6	39707.	3825.0	93.802	3366.9
#2	3024.5	40673.	3851.4	95.359	3349.8

Sample Name: J6330-01 Acquired: 12/16/2018 0:16:45 Type: Unk
Method: P4-ICP2(v2656) 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	-.00186	.00122	.00090	-.00171	-.00063	.03984	.00692	-.00000
Stddev	.00151	.00046	.00010	.00006	.00180	.00016	.00036	.00002
%RSD	81.003	37.386	10.684	3.7738	287.76	.40767	5.2054	524.80

#1	-.00080	.00090	.00097	-.00166	-.00190	.03973	.00667	-.00002
#2	-.00293	.00154	.00083	-.00175	.00065	.03996	.00718	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	1.2575	.00154	.00000	.00217	.22900	.00241	.59406
Stddev	.00001	.0013	.00001	.00013	.00043	.00083	.00002	.02626
%RSD	10.441	.10426	.60066	2580.8	19.808	.36316	.72719	4.4202

#1	-.00005	1.2565	.00154	-.00008	.00247	.22959	.00242	.57549
#2	-.00005	1.2584	.00153	.00009	.00186	.22841	.00240	.61262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	.00050	.32734	-.00043	.12095	.07329	-.00012	-.00658
Stddev	.00010	.00028	.00520	.00014	.00149	.01747	.00010	.01191
%RSD	5.4967	56.817	1.5900	32.478	1.2354	23.832	81.285	180.96

#1	.00195	.00030	.32366	-.00033	.12201	.06094	-.00005	-.01501
#2	.00181	.00070	.33102	-.00053	.11989	.08564	-.00019	.00184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08778	.10187	-.00145	.00032	-.00236	.0087	.00200	<.00000
Stddev	.00326	.00156	.00048	.00142	.00084	.0009	.00005	.49293
%RSD	3.7193	1.5314	32.928	448.46	35.551	10.24	2.5130	54.081

#1	.09009	.10298	-.00111	.00132	-.00295	.0081	.00196	-.56290
#2	.08547	.10077	-.00179	-.00069	-.00177	.0093	.00203	-1.2600

Sample Name: J6330-01 Acquired: 12/16/2018 0:16:45 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .17245
 Stddev .37119
 %RSD 215.24

#1 .43493
 #2 -.09002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.2	44768.	4066.1	100.66	3914.7
Stddev	12.8	851.	25.1	1.45	10.2
%RSD	.38429	1.9018	.61656	1.4401	.26003

#1	3350.3	44166.	4048.4	99.633	3921.9
#2	3332.2	45370.	4083.9	101.68	3907.5

Sample Name: J6330-01DUP Acquired: 12/16/2018 0:20:51 Type: Unk
Method: P4-ICP2(v2656) 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	-.00214	.00210	.00177	.00024	.00011	.03307	.00623	-.00004
Stddev	.00290	.00130	.00032	.00234	.00100	.00626	.00045	.00000
%RSD	135.41	62.076	18.326	982.97	950.68	18.919	7.2762	9.1449

#1	-.00009	.00118	.00200	-.00141	-.00060	.03750	.00655	-.00004
#2	-.00419	.00302	.00154	.00189	.00081	.02865	.00591	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	1.2377	.00126	.00008	.00224	.21721	.00241	.61851
Stddev	.00004	.0157	.00025	.00014	.00019	.00457	.00002	.01477
%RSD	58.735	1.2675	19.735	167.72	8.5035	2.1032	.76364	2.3884

#1	-.00004	1.2488	.00144	-.00002	.00210	.21398	.00242	.60807
#2	-.00010	1.2266	.00109	.00018	.00237	.22044	.00239	.62896

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	.00018	.32053	-.00001	.11539	.05956	.00004	.00073
Stddev	.00040	.00006	.00549	.00017	.00202	.00259	.00014	.00426
%RSD	20.925	32.400	1.7140	3018.7	1.7500	4.3493	345.99	586.19

#1	.00220	.00014	.32441	-.00013	.11396	.06139	-.00006	.00374
#2	.00163	.00022	.31664	.00012	.11681	.05773	.00014	-.00228

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08615	.09811	-.00220	.00072	-.00304	.0077	.00190	<.00000
Stddev	.00420	.00275	.00044	.00040	.00021	.0002	.00010	.63684
%RSD	4.8779	2.7993	20.091	55.295	6.7995	3.143	5.0766	51.544

#1	.08318	.10006	-.00251	.00100	-.00290	.0079	.00197	-.78521
#2	.08912	.09617	-.00189	.00044	-.00319	.0076	.00183	-1.6858

Sample Name: J6330-01DUP Acquired: 12/16/2018 0:20:51 Type: Unk
 Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .70837
 %RSD 5869.5

#1 .48882
 #2 -.51296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.7	45036.	4112.3	104.55	3922.9
Stddev	3.1	732.	21.4	1.80	20.1
%RSD	.09161	1.6250	.52046	1.7247	.51111

#1	3335.5	44519.	4127.4	105.83	3937.0
#2	3339.8	45554.	4097.2	103.28	3908.7

Sample Name: J6330-01LX5 Acquired: 12/16/2018 0:24:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	.00217	-.00133	.00106	.00009	.00694	.00316	-.00003
Stddev	.00018	.00045	.00056	.00234	.00032	.00551	.00006	.00000
%RSD	8.9678	20.557	41.806	221.06	339.50	79.337	1.8210	10.160

#1	-.00209	.00248	-.00173	.00271	-.00013	.00305	.00320	-.00003
#2	-.00184	.00185	-.00094	-.00060	.00032	.01084	.00312	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.41173	.00051	.00011	.00046	.06088	.05229	.11406
Stddev	.00000	.00572	.00018	.00022	.00036	.01559	.00010	.06301
%RSD	1.3432	1.3902	34.516	195.66	77.689	25.607	.19105	55.239

#1	-.00004	.41578	.00038	.00027	.00021	.04986	.05236	.06951
#2	-.00004	.40768	.00063	-.00004	.00072	.07191	.05222	.15861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00072	.10151	-.00036	.02494	-.00955	.00020	-.00472
Stddev	.00009	.00055	.00713	.00008	.00001	.01330	.00022	.00088
%RSD	24.482	77.140	7.0284	23.267	.03977	139.35	109.23	18.673

#1	.00045	.00111	.09646	-.00030	.02493	-.01895	.00005	-.00534
#2	.00031	.00033	.10655	-.00042	.02494	-.00014	.00035	-.00409

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28960	.02345	.01192	.00187	-.00020	.0020	.00067	<.00000
Stddev	.00453	.00067	.00027	.00206	.00099	.0016	.00011	.07609
%RSD	1.5658	2.8698	2.2893	109.69	497.22	82.72	16.151	16.212

#1	.29280	.02392	.01172	.00333	-.00090	.0031	.00060	-.52318
#2	.28639	.02297	.01211	.00042	.00050	.0008	.00075	-.41557

Sample Name: J6330-01LX5 Acquired: 12/16/2018 0:24:57 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .10390
%RSD 77.484

#1 -.20756
#2 -.06062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.2	43695.	3923.5	96.158	3761.6
Stddev	16.5	.	26.9	.530	10.3
%RSD	.50861	.00025	.68494	.55152	.27464

#1	3251.8	43695.	3904.5	96.533	3768.9
#2	3228.5	43695.	3942.5	95.783	3754.3

Sample Name: J6330-01MS Acquired: 12/16/2018 0:29:03 Type: Unk
Method: P4-ICP2(v2656) 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	.69565	1.9025	.91120	1.7900	.70728	1.8897	.20533
Stddev	.00068	.0064	.00349	.0078	.00272	.0079	.00016
%RSD	.09835	.33419	.38306	.43835	.38455	.41863	.07814

#1	.69614	1.9070	.91367	1.7845	.70536	1.8842	.20522
#2	.69517	1.8980	.90873	1.7955	.70920	1.8953	.20545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18554	.17801	2.2934	.39512	.18206	.30521	2.9609
Stddev	.00130	.00051	.0285	.00238	.00090	.00010	.1023
%RSD	.70108	.28635	1.2412	.60268	.49220	.03285	3.4560

#1	.18646	.17837	2.3135	.39680	.18269	.30514	3.0333
#2	.18462	.17765	2.2733	.39343	.18142	.30528	2.8885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20051	2.6503	.47520	.06630	3.3346	.28659	.32199
Stddev	.00089	.0088	.00129	.00030	.0022	.00173	.00879
%RSD	.44141	.33107	.27069	.44673	.06500	.60373	2.7287

#1	.20113	2.6565	.47611	.06651	3.3362	.28782	.32820
#2	.19988	2.6441	.47429	.06609	3.3331	.28537	.31578

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8064	.35326	.29218	.07421	.96855	.59011	.18323
Stddev	.0276	.00024	.01534	.00265	.00052	.00134	.00018
%RSD	.28151	.06880	5.2485	3.5679	.05329	.22747	.10007

#1	9.8259	.35309	.28134	.07234	.96818	.59106	.18310
#2	9.7869	.35343	.30302	.07609	.96891	.58916	.18335

Sample Name: J6330-01MS Acquired: 12/16/2018 0:29:03 Type: Unk
Method: P4-ICP2(v2656) 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	.18554	4.932	.19047	<.00000	F<.00000
Stddev	.00024	.021	.00010	.30225	.21146
%RSD	.12772	.4185	.05501	33.645	12.563

#1	.18537	4.947	.19055	-.68461	-1.8327
#2	.18571	4.918	.19040	-1.1121	-1.5337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.6	44963.	4059.0	102.90	3822.3
Stddev	5.8	247.	31.8	3.01	18.2
%RSD	.17323	.54911	.78227	2.9264	.47531

#1	3334.5	44788.	4036.5	100.77	3809.4
#2	3342.7	45138.	4081.5	105.03	3835.1

Sample Name: J6330-01MSD Acquired: 12/16/2018 0:32:56 Type: Unk
Method: P4-ICP2(v2656) 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	.68296	1.8697	.89467	1.7600	.69556	1.8926	.20425
Stddev	.02100	.0535	.02436	.0601	.02132	.0361	.00253
%RSD	3.0751	2.8622	2.7228	3.4164	3.0654	1.9067	1.2371

#1	.69781	1.9075	.91190	1.8025	.71064	1.9181	.20604
#2	.66811	1.8318	.87745	1.7175	.68049	1.8671	.20246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18698	.17473	2.2748	.39726	.17918	.29966	3.0022
Stddev	.00238	.00479	.0130	.00306	.00504	.00997	.0003
%RSD	1.2754	2.7388	.57182	.77121	2.8136	3.3279	.01038

#1	.18866	.17811	2.2840	.39942	.18274	.30671	3.0020
#2	.18529	.17134	2.2656	.39509	.17561	.29261	3.0024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20209	2.5775	.46659	.06744	3.3028	.28844	.32652
Stddev	.00267	.0727	.01308	.00116	.0426	.00481	.00178
%RSD	1.3209	2.8209	2.8028	1.7190	1.2912	1.6672	.54547

#1	.20398	2.6289	.47583	.06826	3.3329	.29184	.32778
#2	.20021	2.5261	.45734	.06662	3.2726	.28504	.32526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6933	.34675	.28552	.07458	.95990	.57940	.17728
Stddev	.0707	.01130	.00566	.00004	.01880	.01472	.00299
%RSD	.72954	3.2578	1.9807	.05980	1.9590	2.5399	1.6842

#1	9.7433	.35474	.28152	.07461	.97320	.58981	.17939
#2	9.6433	.33877	.28952	.07455	.94661	.56899	.17517

Sample Name: J6330-01MSD Acquired: 12/16/2018 0:32:56 Type: Unk
 Method: P4-ICP2(v2656) 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	.18110	4.845	.18868	<.00000	F<.00000
Stddev	.00098	.137	.00173	.03796	.00815
%RSD	.53855	2.816	.91767	5.3226	.42781

#1	.18179	4.942	.18990	-.68638	-1.8988
#2	.18041	4.749	.18745	-.74007	-1.9103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.4	44658.	4101.2	101.04	3876.8
Stddev	100.0	311.	41.3	.21	97.5
%RSD	2.9568	.69727	1.0074	.20995	2.5158

#1	3312.7	44438.	4072.0	100.89	3807.8
#2	3454.2	44878.	4130.5	101.19	3945.7

Sample Name: J6330-01A Acquired: 12/16/2018 0:36:49 Type: Unk
Method: P4-ICP2(v2656) 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	.69033	1.8874	.90118	1.7854	.70208	1.8933	.20749
Stddev	.00136	.0013	.00411	.0070	.00304	.0280	.00147
%RSD	.19736	.06920	.45566	.39267	.43344	1.4773	.70857

#1	.69130	1.8883	.90408	1.7903	.70423	1.9131	.20645
#2	.68937	1.8865	.89827	1.7804	.69993	1.8735	.20853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18455	.17616	2.2867	.39268	.18046	.30458	2.9492
Stddev	.00213	.00018	.0498	.00224	.00068	.00069	.0057
%RSD	1.1522	.10105	2.1779	.57098	.37596	.22731	.19262

#1	.18605	.17629	2.2515	.39427	.17998	.30507	2.9452
#2	.18305	.17603	2.3219	.39110	.18094	.30409	2.9533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19882	2.6580	.46929	.06703	3.3628	.28366	.32184
Stddev	.00200	.0063	.00082	.00015	.0406	.00247	.00013
%RSD	1.0075	.23803	.17504	.22907	1.2067	.87145	.03937

#1	.20024	2.6535	.46871	.06714	3.3342	.28541	.32192
#2	.19741	2.6624	.46987	.06692	3.3915	.28192	.32175

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8374	.35205	.29110	.07151	.97006	.58442	.18172
Stddev	.0132	.00014	.00622	.00107	.00489	.00062	.00092
%RSD	.13392	.03944	2.1384	1.5014	.50436	.10602	.50366

#1	9.8281	.35215	.29550	.07075	.96660	.58486	.18107
#2	9.8467	.35196	.28670	.07227	.97352	.58398	.18236

Sample Name: J6330-01A Acquired: 12/16/2018 0:36:49 Type: Unk
Method: P4-ICP2(v2656) 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	.18644	4.890	.19122	<.00000	F<.00000
Stddev	.00142	.003	.00206	.19394	.10036
%RSD	.76367	.0519	1.0754	18.571	4.7681

#1	.18543	4.888	.18976	-1.1815	-2.0338
#2	.18744	4.892	.19267	-.90723	-2.1758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.1	45171.	4052.6	102.50	3846.4
Stddev	7.3	249.	32.3	.29	7.2
%RSD	.21873	.55194	.79666	.28168	.18687

#1	3334.9	44995.	4075.5	102.30	3841.3
#2	3345.2	45347.	4029.8	102.71	3851.5

Sample Name: CCV13 Acquired: 12/16/2018 0:40:42 Type: Unk
Method: P4-ICP2(v2656) 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	4.9098	5.2533	5.0665	5.0536	4.9636	10.082	10.475	.25734
Stddev	.0122	.0039	.0121	.0114	.0107	.096	.088	.00101
%RSD	.24873	.07459	.23942	.22574	.21561	.94823	.83818	.39301
#1	4.9185	5.2560	5.0751	5.0617	4.9711	10.015	10.537	.25805
#2	4.9012	5.2505	5.0579	5.0456	4.9560	10.150	10.413	.25662
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5687	27.223	1.0547	2.5221	1.2900	5.0875	2.6096	27.103
Stddev	.0019	.047	.0020	.0029	.0043	.0201	.0072	.152
%RSD	.07417	.17133	.19304	.11408	.33736	.39502	.27571	.55933
#1	2.5700	27.256	1.0532	2.5242	1.2931	5.1017	2.6147	26.996
#2	2.5673	27.190	1.0561	2.5201	1.2869	5.0733	2.6045	27.210
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6000	1.2630	26.895	2.5751	2.5543	26.004	4.9901	5.4244
Stddev	.0063	.0010	.269	.0050	.0243	.173	.0049	.0480
%RSD	.24365	.07638	.99929	.19306	.95170	.66643	.09757	.88508
#1	2.6045	1.2637	27.085	2.5786	2.5715	26.127	4.9935	5.3905
#2	2.5955	1.2623	26.704	2.5716	2.5371	25.881	4.9866	5.4584
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9224	5.2232	5.0663	5.1785	5.0910	5.204	5.2162	F 2.0617
Stddev	.0108	.0289	.0107	.0025	.0474	.016	.0521	.0879
%RSD	.21887	.55343	.21137	.04902	.93199	.2971	.99877	4.2649
#1	4.9148	5.2436	5.0739	5.1803	5.1246	5.215	5.2530	2.1239
#2	4.9300	5.2028	5.0587	5.1767	5.0575	5.193	5.1794	1.9996

Sample Name: CCV13 Acquired: 12/16/2018 0:40:42 Type: Unk
Method: P4-ICP2(v2656) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1113
Stddev .3114
%RSD 7.5731

#1 3.8911
#2 4.3315

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.4	40884.	3845.9	91.636	3262.8
Stddev	12.9	118.	44.9	1.075	14.1
%RSD	.42122	.28949	1.1672	1.1730	.43332

#1	3061.3	40800.	3814.1	90.876	3252.8
#2	3079.6	40967.	3877.6	92.396	3272.8

Sample Name: CCB13 Acquired: 12/16/2018 0:44:29 Type: Unk
Method: P4-ICP2(v2656) 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	-.00371	.00207	-.00060	.00353	-.00039	-.00836	.00153
Stddev	.00292	.00104	.00000	.00047	.00022	.00236	.00053
%RSD	78.741	50.003	.39638	13.269	57.014	28.267	34.623

#1	-.00577	.00134	-.00061	.00320	-.00023	-.00669	.00191
#2	-.00164	.00280	-.00060	.00386	-.00055	-.01003	.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00002	-.01548	.00030	-.00005	-.00047	.00225
Stddev	.00005	.00009	.02681	.00041	.00013	.00006	.00246
%RSD	238.76	414.32	173.17	136.68	251.17	12.883	109.73

#1	.00001	.00009	-.03444	.00001	.00004	-.00043	.00050
#2	-.00006	-.00004	.00348	.00059	-.00015	-.00052	.00399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.02787	-.00038	.00082	-.00096	-.00080	-.00079
Stddev	.00004	.03787	.00029	.00056	.00481	.00022	.00008
%RSD	31.120	135.90	76.415	68.580	499.45	27.310	9.6206

#1	.00014	-.05464	-.00017	.00121	-.00437	-.00096	-.00074
#2	.00009	-.00109	-.00058	.00042	.00244	-.00065	-.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01869	.00042	-.00018	.00117	.00246	-.00056	.00028
Stddev	.00512	.00019	.00651	.00274	.00168	.00022	.00245
%RSD	27.399	44.562	3573.3	233.77	68.340	39.273	860.77

#1	-.02231	.00029	.00442	-.00076	.00364	-.00041	-.00145
#2	-.01507	.00055	-.00478	.00311	.00127	-.00072	.00201

Sample Name: CCB13 Acquired: 12/16/2018 0:44:29 Type: Unk
 Method: P4-ICP2(v2656) 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	.00066	.0025	.00010	F<.00000	F<.00000
Stddev	.00057	.0002	.00004	.34800	.44752
%RSD	87.418	8.156	39.046	173.33	921.13

#1	.00106	.0027	.00007	.04530	.26786
#2	.00025	.0024	.00012	-.44685	-.36502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.8	43562.	3926.2	97.558	3779.8
Stddev	10.6	252.	27.6	2.180	4.6
%RSD	.32513	.57739	.70371	2.2348	.12083

#1	3265.3	43384.	3906.6	96.017	3783.0
#2	3250.3	43739.	3945.7	99.100	3776.6