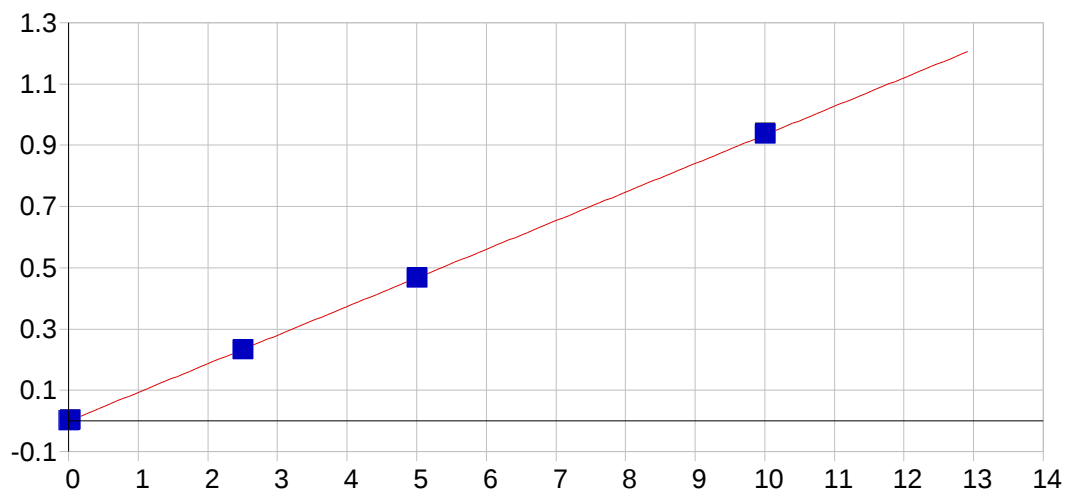


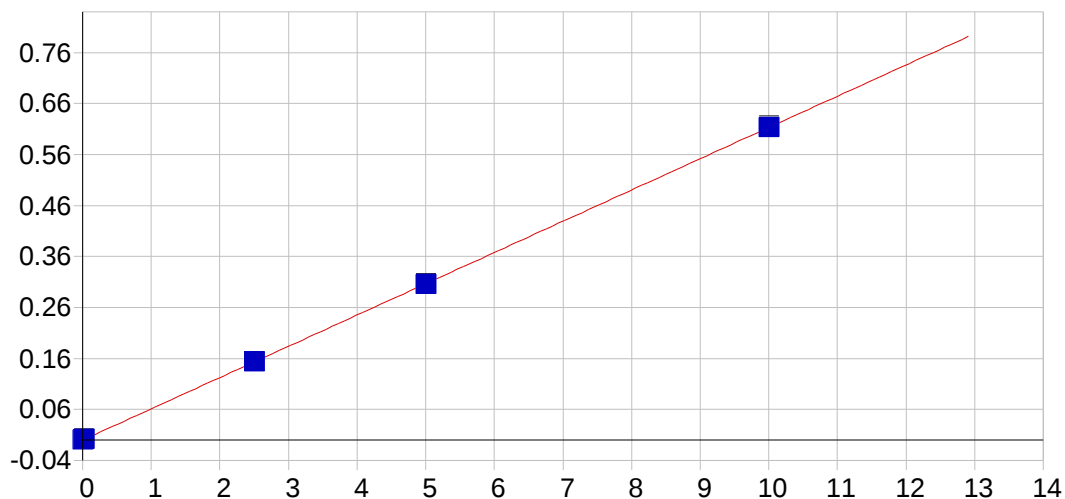


As 189.042 {478}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.093404 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002659
 Predicted MQL: 0.008864

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.02000	.02201	.002	10.0	.00178	.000	1
S3	2.5000	2.4878	-.012	-.486	.23208	.000	1
S4	5.0000	4.9863	-.014	-.273	.46543	.001	1
S5	10.000	10.024	.024	.238	.93592	.002	1



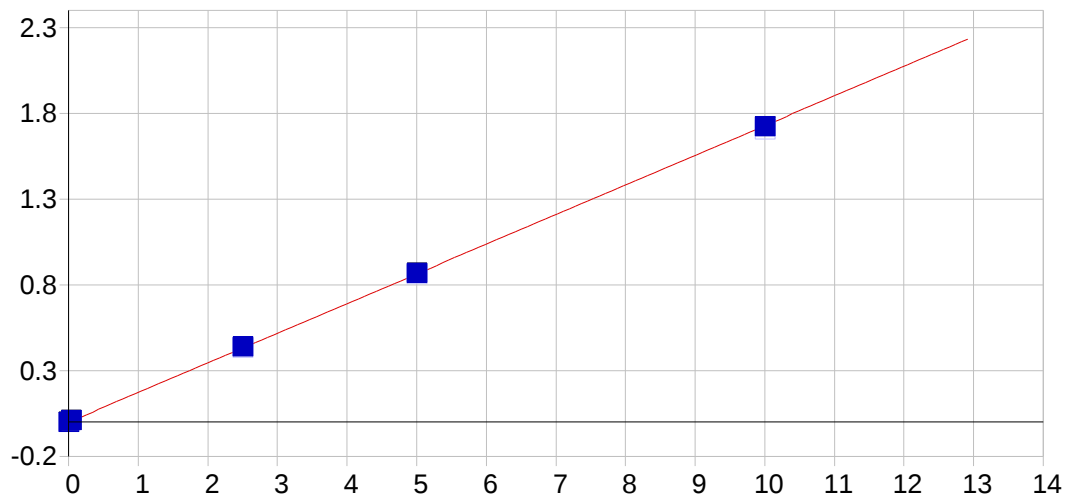
As 189.042 {479}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000

A1 (Gain): 0.061320 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002579
 Predicted MQL: 0.008596

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.02000	.02504	.005	25.2	.00151	.000	1
S3	2.5000	2.5059	.006	.238	.15364	.000	1
S4	5.0000	4.9851	-.015	-.299	.30566	.001	1
S5	10.000	10.004	.004	.040	.61342	.002	1

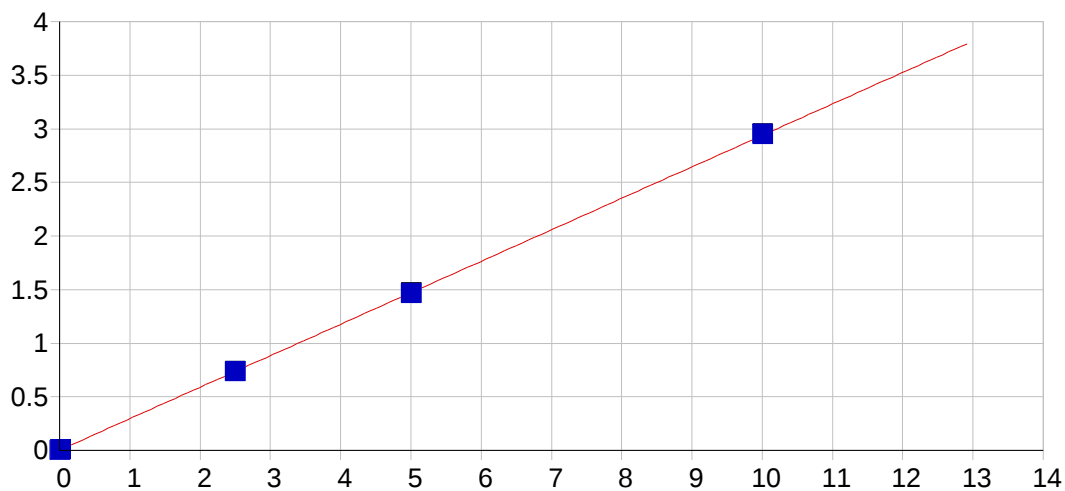


TI 190.856 {477}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000728 Re-Slope: 1.000000
 A1 (Gain): 0.172916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.001218
 Predicted MQL: 0.004059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00073	.000	1
S1	.04000	.04840	.008	21.0	.00746	.000	1
S3	2.5000	2.5269	.027	1.08	.43178	.000	1
S4	5.0000	5.0157	.016	.314	.85770	.001	1
S5	10.000	9.9491	-.051	-.509	1.7019	.002	1

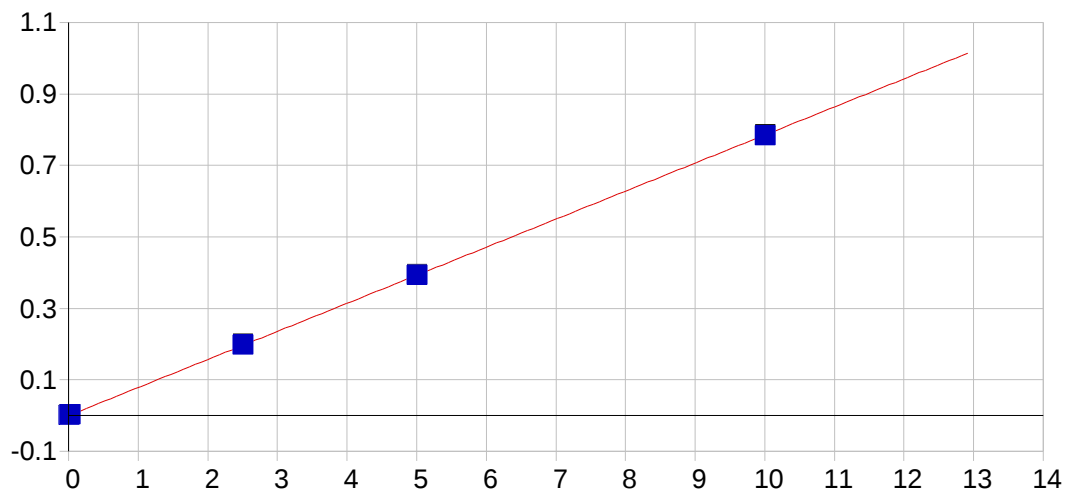


Pb 220.353 {453}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002570 Re-Slope: 1.000000
 A1 (Gain): 0.293580 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.001104
 Predicted MQL: 0.003682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00257	.000	1
S1	.01200	.01432	.002	19.4	.00671	.000	1
S3	2.5000	2.4857	-.014	-.573	.73135	.000	1
S4	5.0000	4.9791	-.021	-.419	1.4624	.005	1
S5	10.000	10.033	.033	.330	2.9442	.003	1



Se 196.090 {472}

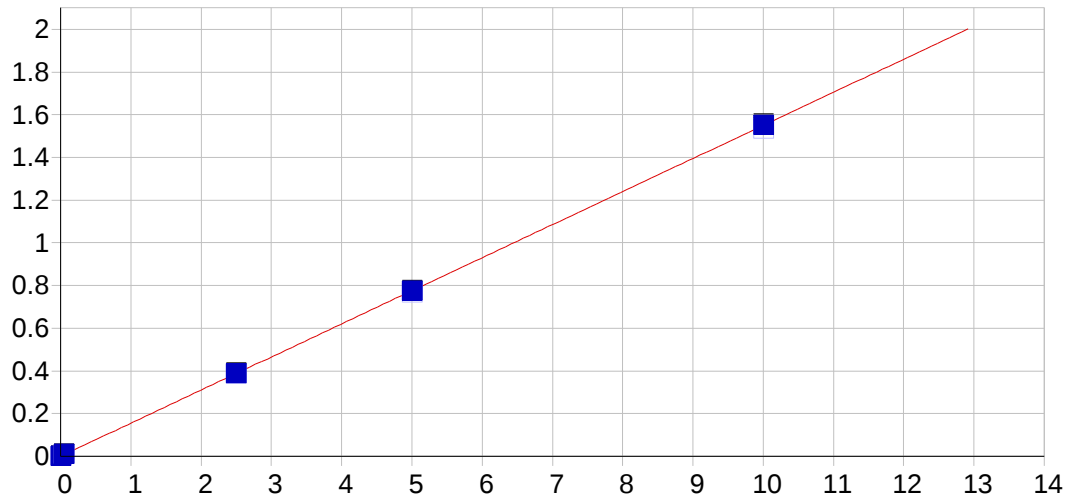
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.078524 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000008
 Predicted MDL: 0.002931
 Predicted MQL: 0.009769

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.02000	.01963	-.000	-1.87	.00155	.000	1
S3	2.5000	2.5228	.023	.913	.19809	.000	1
S4	5.0000	5.0046	.005	.091	.39294	.001	1
S5	10.000	9.9730	-.027	-.270	.78303	.001	1



Sb 206.833 {463}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

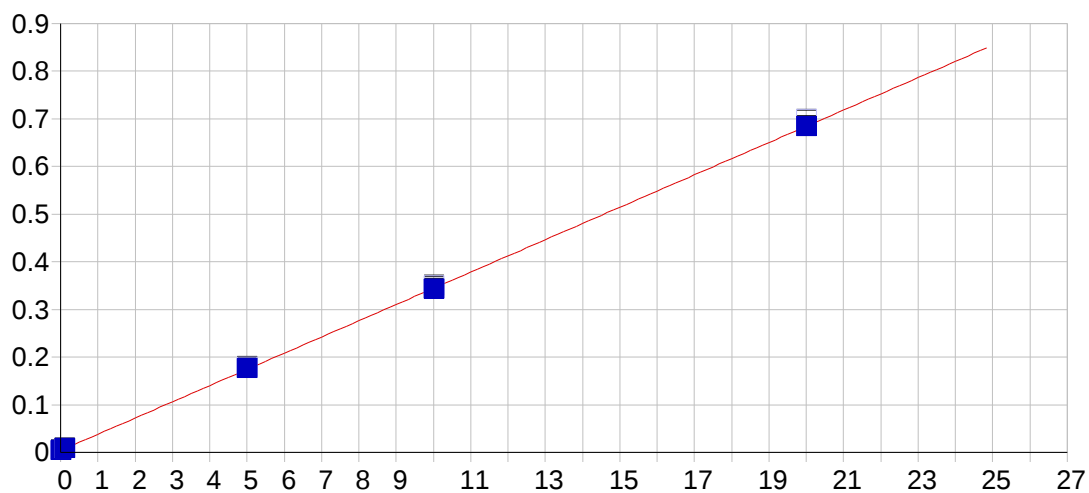
Weighting: 1/Conc

A0 (Offset): 0.000481
 A1 (Gain): 0.154957
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000045
 Predicted MDL: 0.001798
 Predicted MQL: 0.005995

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	.00048	.000	1
S1	.05000	.05705	.007	14.1	.00913	.000	1
S3	2.5000	2.5006	.001	.024	.38361	.000	1
S4	5.0000	4.9917	-.008	-.166	.76527	.003	1
S5	10.000	10.001	.001	.008	1.5327	.004	1

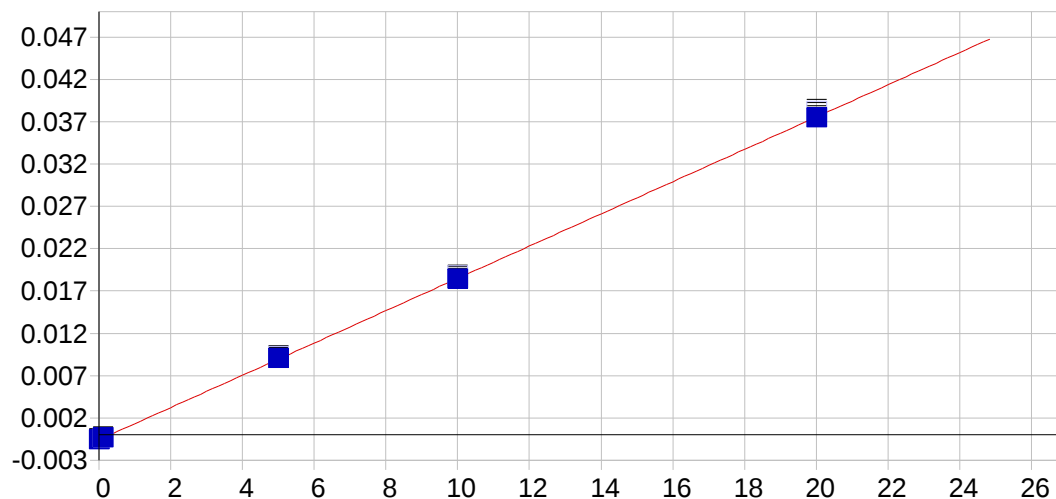


AI 308.215 {109}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003989 Re-Slope: 1.000000
 A1 (Gain): 0.034028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003717
 Predicted MQL: 0.012391

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00399	.000	1
S1	.10000	.11189	.012	11.9	.00803	.000	1
S3	5.0000	5.0427	.043	.854	.17897	.001	1
S4	10.000	9.9510	-.049	-.490	.34938	.001	1
S5	20.000	19.994	-.006	-.031	.69789	.001	1



AI 309.271 {109}

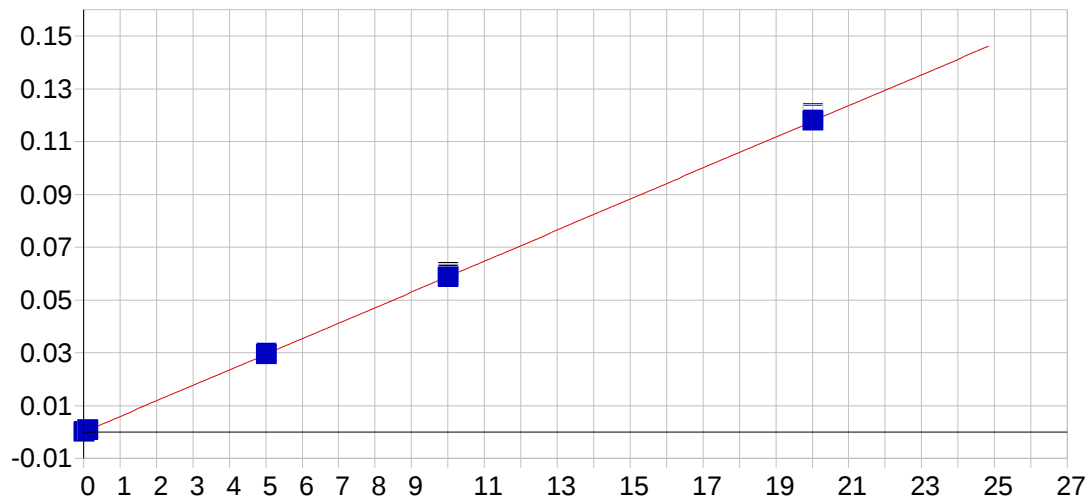
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000580 Re-Slope: 1.000000
 A1 (Gain): 0.001906 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875
 Std Error of Est: 0.000002
 Predicted MDL: 0.040484
 Predicted MQL: 0.134945

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00058	.000	1
S1	.10000	.12859	.029	28.6	-.00032	.000	1
S3	5.0000	5.0566	.057	1.13	.00925	.000	1
S4	10.000	9.9547	-.045	-.453	.01878	.000	1
S5	20.000	19.959	-.041	-.206	.03823	.000	1



AI 396.152 { 85}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

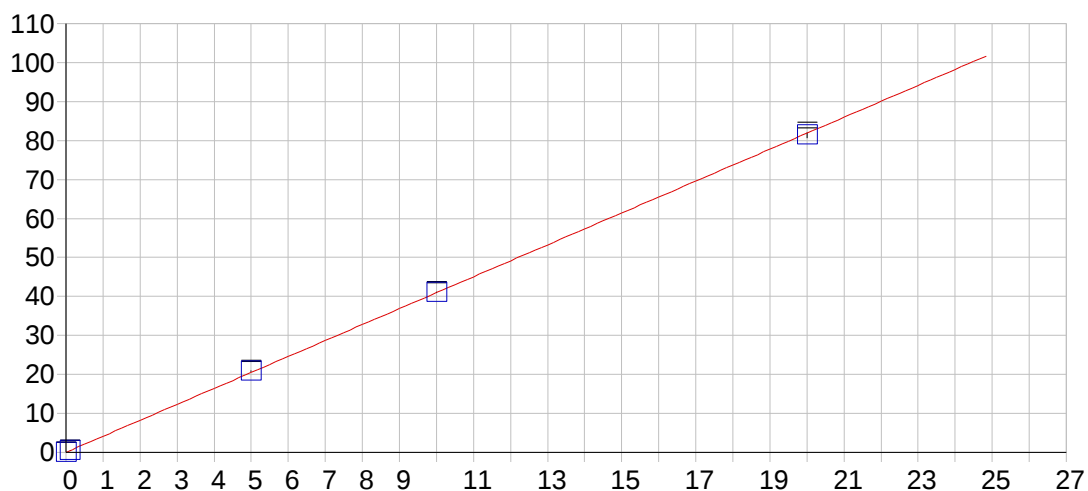
Weighting: 1/Conc

A0 (Offset): -0.000024
 A1 (Gain): 0.005885
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000005
 Predicted MDL: 0.018360
 Predicted MQL: 0.061201

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00002	.000	1
S1	.10000	.11948	.019	19.5	.00072	.000	1
S3	5.0000	4.9864	-.014	-.272	.02991	.000	1
S4	10.000	9.9653	-.035	-.347	.05979	.001	1
S5	20.000	20.028	.028	.139	.12017	.000	1

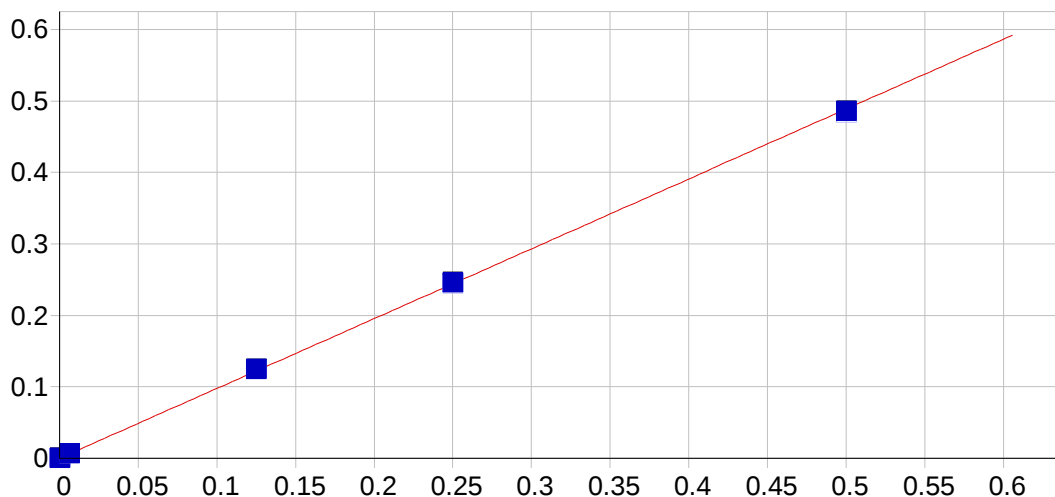


Ba 493.409 { 68}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.055862 Re-Slope: 1.000000
 A1 (Gain): 4.091110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.003330
 Predicted MDL: 0.000838
 Predicted MQL: 0.002794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.05580	.002	1
S1	.10000	.11375	.014	13.7	.52121	.002	1
S3	5.0000	5.0780	.078	1.56	20.831	.144	1
S5	20.000	19.876	-.124	-.620	81.371	.702	1
S4	10.000	10.032	.032	.322	41.099	.137	1



Be 234.861 {144}

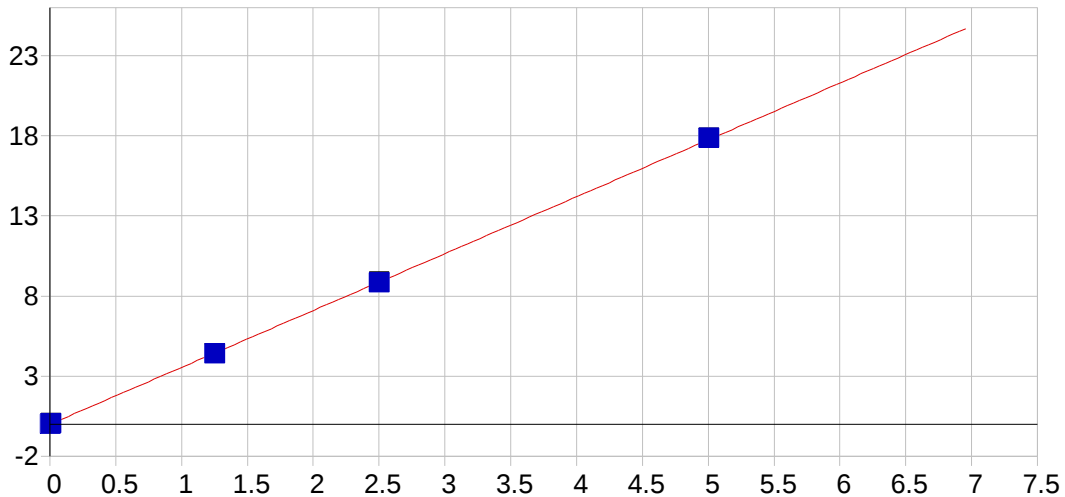
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000111 Re-Slope: 1.000000
 A1 (Gain): 0.976815 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000032
 Predicted MDL: 0.000081
 Predicted MQL: 0.000269

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00600	.00658	.001	9.58	.00647	.000	1
S3	.12500	.12698	.002	1.58	.12338	.000	1
S4	.25000	.25071	.001	.285	.24347	.001	1
S5	.50000	.49673	-.003	-.653	.48225	.000	1



Cd 226.502 {449}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

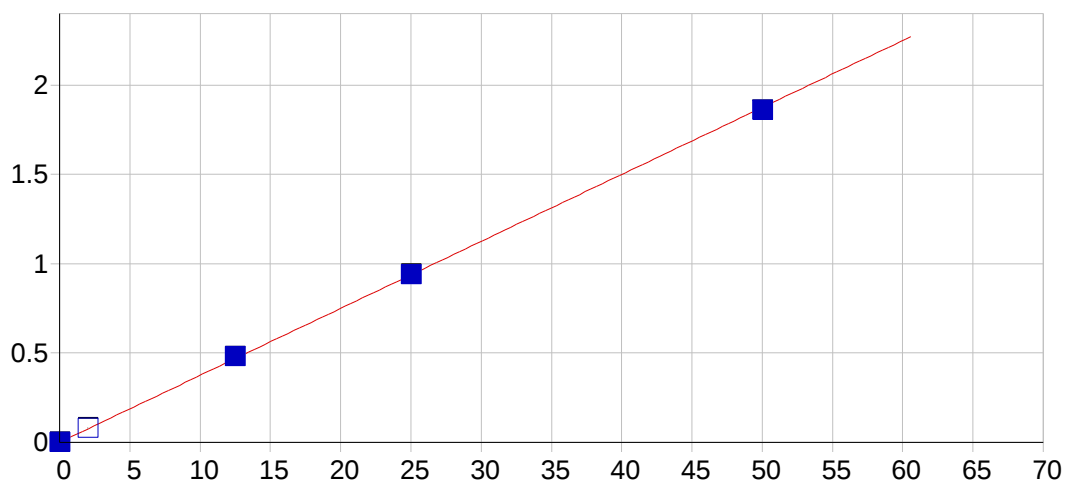
Weighting: 1/Conc

A0 (Offset): -0.000925
 A1 (Gain): 3.549962
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000198
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

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	-.00093	.000	1
S1	.00600	.00636	.000	5.99	.02169	.000	1
S3	1.2500	1.2397	-.010	-.826	4.4009	.004	1
S4	2.5000	2.4855	-.015	-.581	8.8244	.034	1
S5	5.0000	5.0245	.024	.490	17.840	.024	1

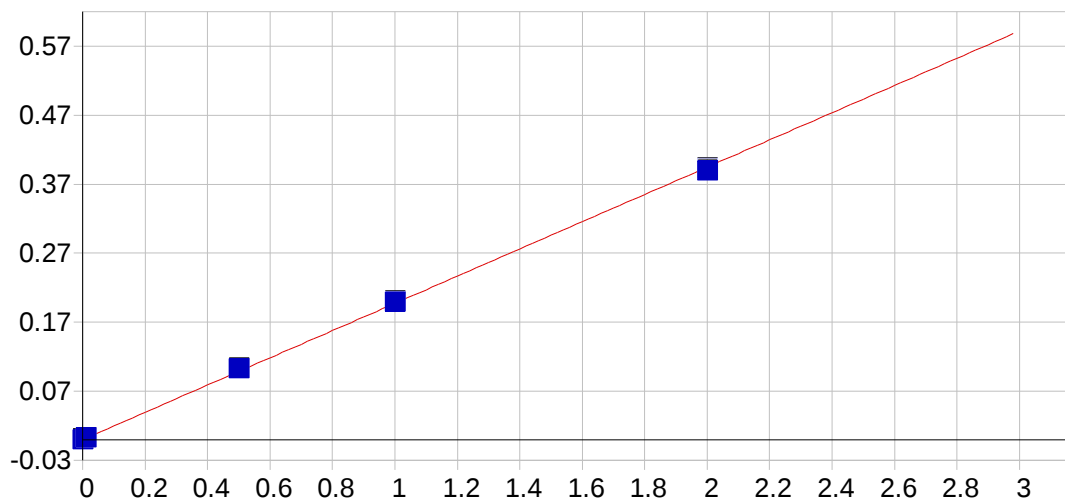


Ca 373.690 { 90}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000434 Re-Slope: 1.000000
 A1 (Gain): 0.037484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000274
 Predicted MDL: 0.027419
 Predicted MQL: 0.091397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1203	.120	6.02	.07991	.002	1
S0	.00000	-.00015	-.000	.000	.00043	.000	1
S3	12.500	12.764	.264	2.11	.47913	.002	1
S4	25.000	25.016	.016	.064	.93863	.002	1
S5	50.000	49.600	-.400	-.801	1.8606	.000	1



Cr 267.716 {126}

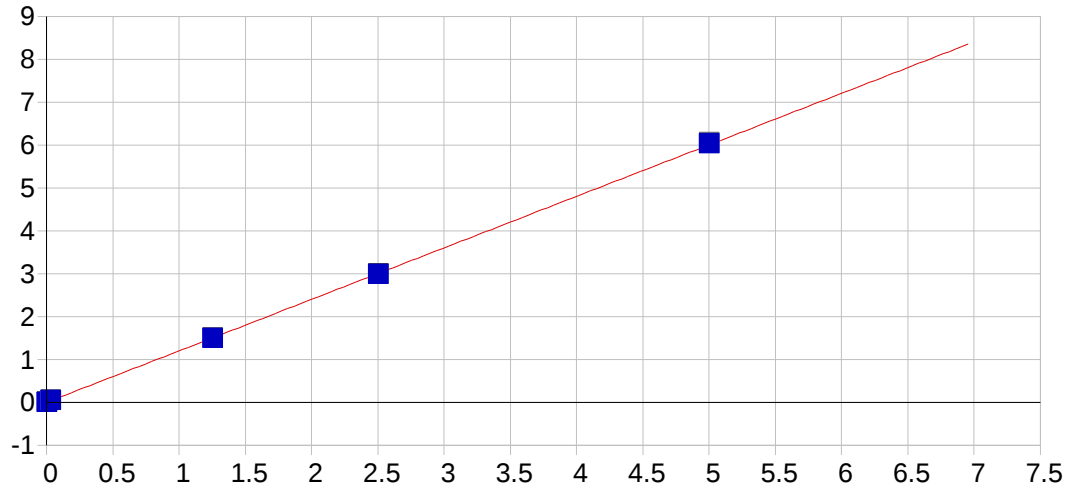
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.197300 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795
 Std Error of Est: 0.000031
 Predicted MDL: 0.000520
 Predicted MQL: 0.001733

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01204	.002	20.4	.00245	.000	1
S3	.50000	.51812	.018	3.62	.10303	.000	1
S4	1.0000	1.0062	.006	.624	.20007	.001	1
S5	2.0000	1.9736	-.026	-1.32	.39241	.001	1



Co 228.616 {447}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

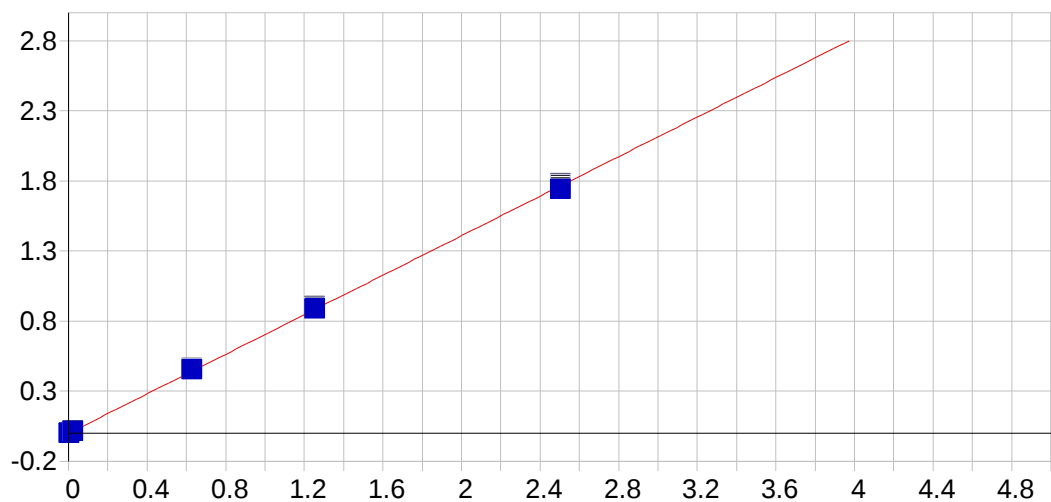
Weighting: 1/Conc

A0 (Offset): 0.000012
 A1 (Gain): 1.201442
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000315
 Predicted MDL: 0.000260
 Predicted MQL: 0.000868

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.03000	.03550	.006	18.3	.04242	.000	1
S3	1.2500	1.2392	-.011	-.864	1.4900	.002	1
S4	2.5000	2.4804	-.020	-.783	2.9824	.011	1
S5	5.0000	5.0249	.025	.498	6.0419	.013	1

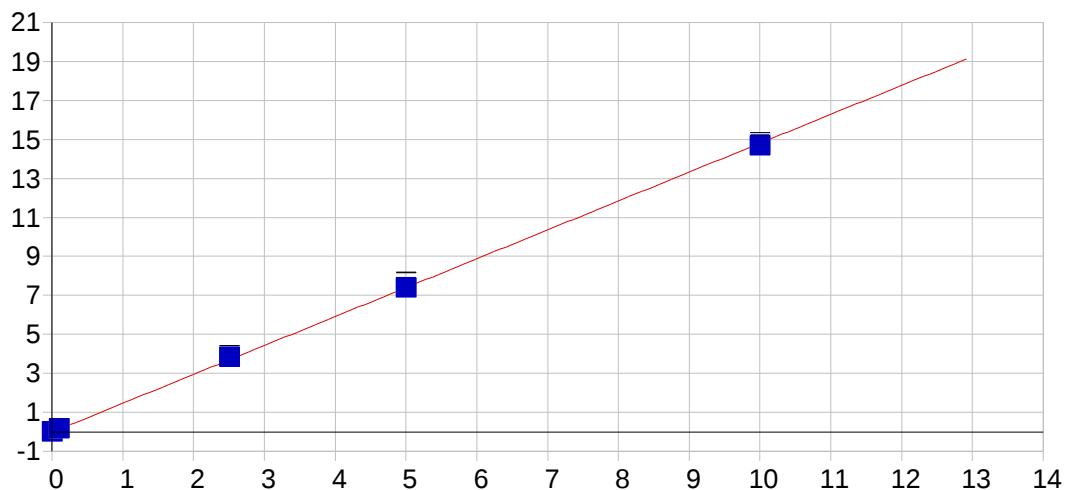


Cu 224.700 {450}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000356 Re-Slope: 1.000000
 A1 (Gain): 0.705006 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.000529
 Predicted MQL: 0.001764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.02000	.02308	.003	15.4	.01618	.000	1
S3	.62500	.64395	.019	3.03	.46181	.001	1
S4	1.2500	1.2565	.007	.523	.90187	.003	1
S5	2.5000	2.4714	-.029	-1.14	1.7747	.005	1



Fe 240.488 {140}

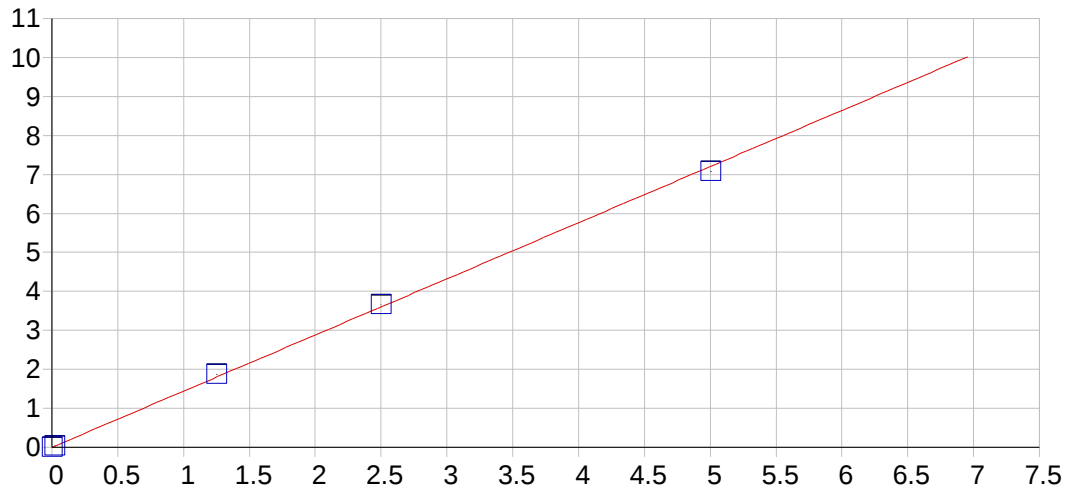
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020726 Re-Slope: 1.000000
 A1 (Gain): 1.482836 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843
 Std Error of Est: 0.001429
 Predicted MDL: 0.009210
 Predicted MQL: 0.030701

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.02075	.003	1
S1	.10000	.11316	.013	13.2	.14779	.003	1
S3	2.5000	2.5872	.087	3.49	3.8344	.067	1
S4	5.0000	4.9871	-.013	-.258	7.4116	.256	1
S5	10.000	9.9125	-.087	-.875	14.752	.065	1



Mn 257.610 {131}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

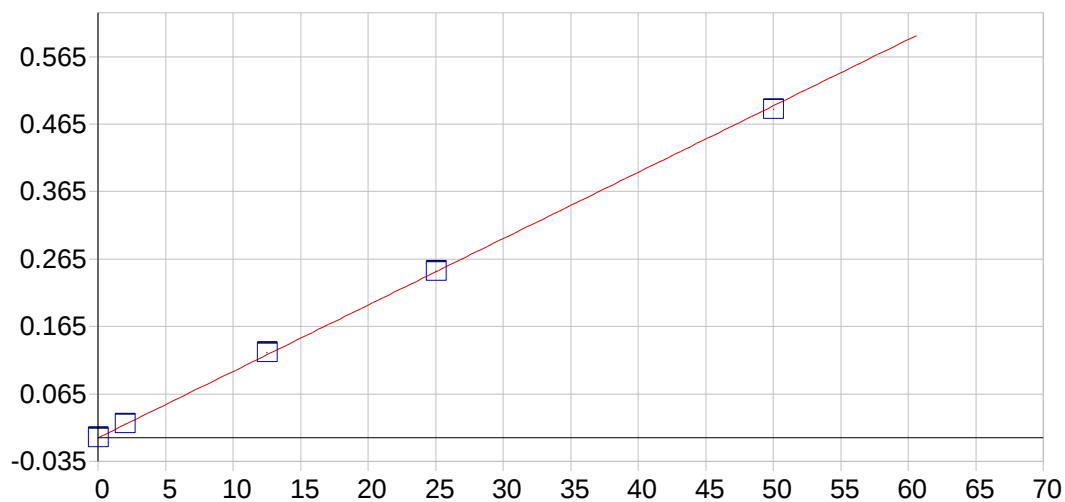
Weighting: 1/Conc

A0 (Offset): 0.000103
 A1 (Gain): 1.440289
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741
 Std Error of Est: 0.000560
 Predicted MDL: 0.000070
 Predicted MQL: 0.000235

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	.00010	.000	1
S1	.02000	.02405	.004	20.2	.03473	.000	1
S3	1.2500	1.2950	.045	3.60	1.8652	.001	1
S4	2.5000	2.5382	.038	1.53	3.6558	.010	1
S5	5.0000	4.9128	-.087	-1.74	7.0759	.002	1

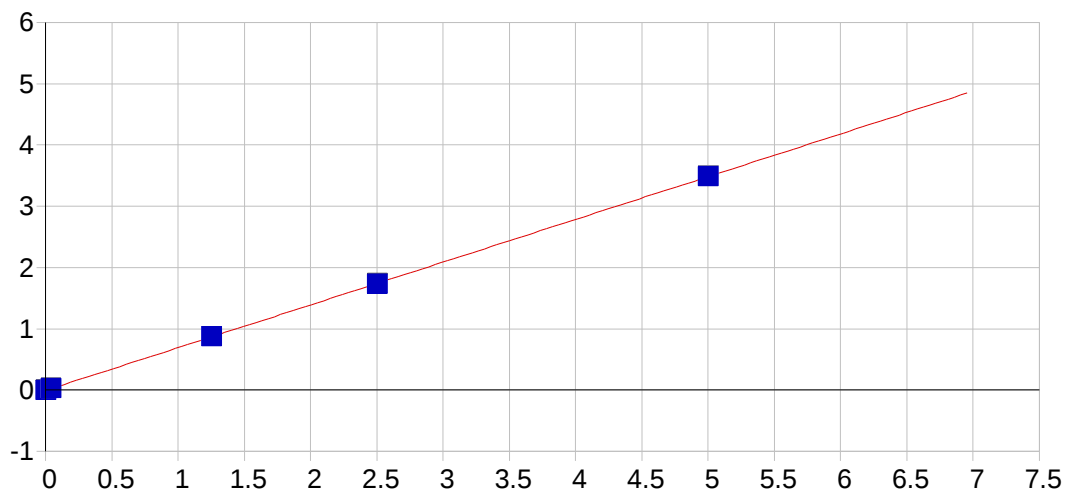


Mg 279.079 {121}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.009840 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.053597
 Predicted MQL: 0.178657

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1091	.109	5.45	.02066	.000	1
S0	.00000	-.00015	-.000	.000	-.00009	.001	1
S3	12.500	12.858	.358	2.86	.12643	.001	1
S4	25.000	25.052	.052	.208	.24642	.001	1
S5	50.000	49.481	-.519	-1.04	.48681	.000	1



Ni 231.604 {445}

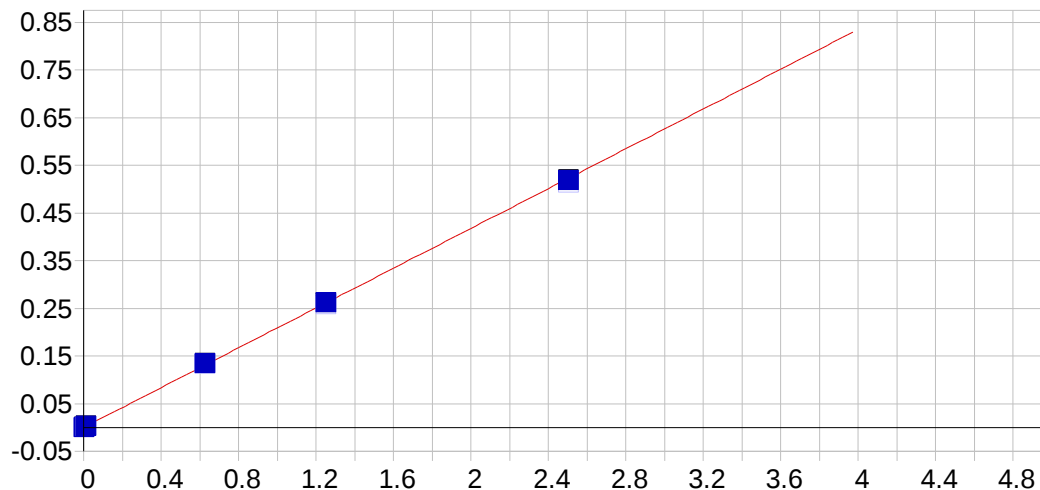
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006615 Re-Slope: 1.000000
 A1 (Gain): 0.698099 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000210
 Predicted MDL: 0.000471
 Predicted MQL: 0.001569

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00662	.000	1
S1	.04000	.04710	.007	17.7	.02628	.000	1
S3	1.2500	1.2549	.005	.396	.87041	.001	1
S4	2.5000	2.4864	-.014	-.544	1.7310	.005	1
S5	5.0000	5.0016	.002	.031	3.4888	.005	1



Ag 328.068 {103}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

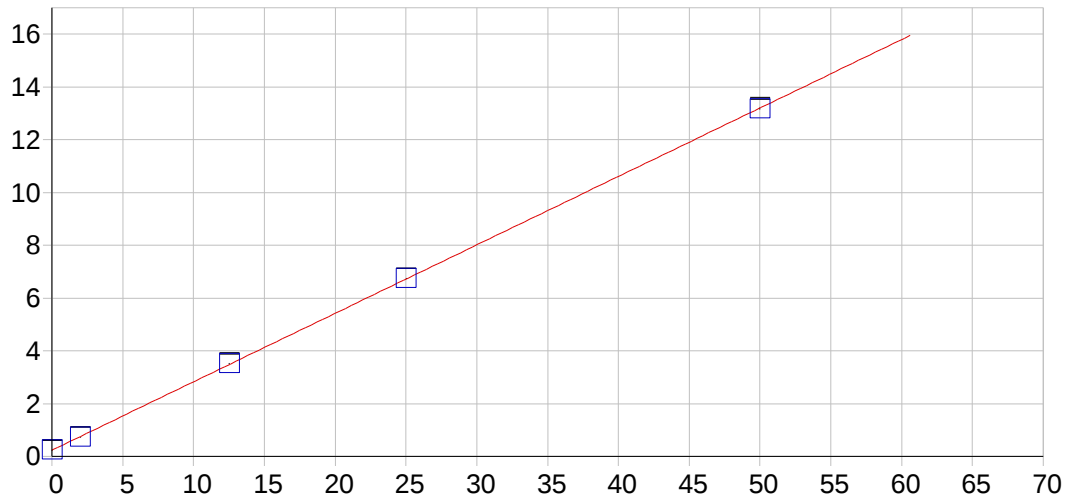
Weighting: 1/Conc

A0 (Offset): 0.000039
 A1 (Gain): 0.208766
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000023
 Predicted MDL: 0.000736
 Predicted MQL: 0.002454

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01140	.001	14.0	.00238	.000	1
S3	.62500	.64105	.016	2.57	.13239	.000	1
S4	1.2500	1.2490	-.001	-.077	.25784	.001	1
S5	2.5000	2.4835	-.016	-.659	.51259	.001	1

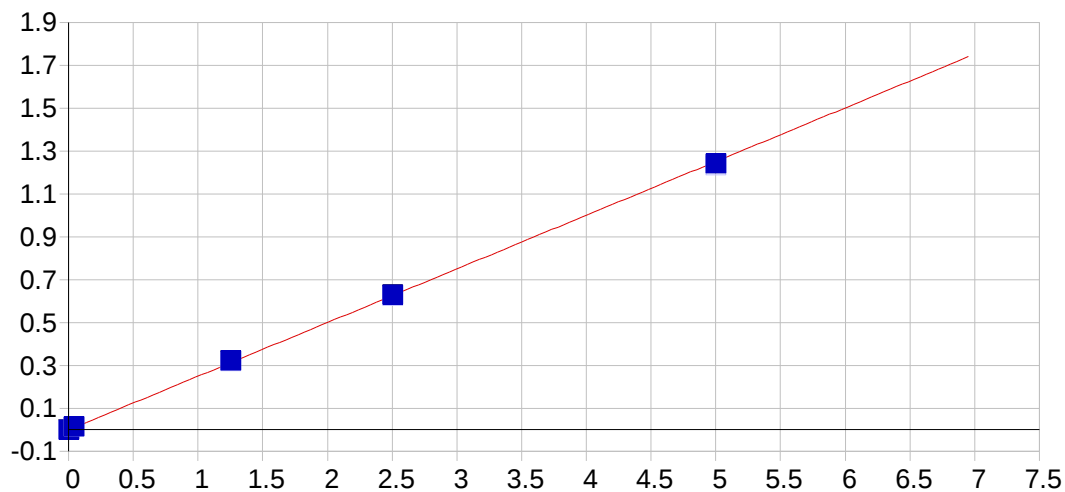


Na 589.592 { 57}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.233524 Re-Slope: 1.000000
 A1 (Gain): 0.259393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.001614
 Predicted MDL: 0.013069
 Predicted MQL: 0.043562

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8640	-.136	-6.80	.71702	.001	1
S0	.00000	.00011	.000	.000	.23355	.003	1
S3	12.500	12.660	.160	1.28	3.5175	.031	1
S4	25.000	25.064	.064	.257	6.7350	.005	1
S5	50.000	49.912	-.088	-.177	13.180	.027	1



V 292.402 {115}

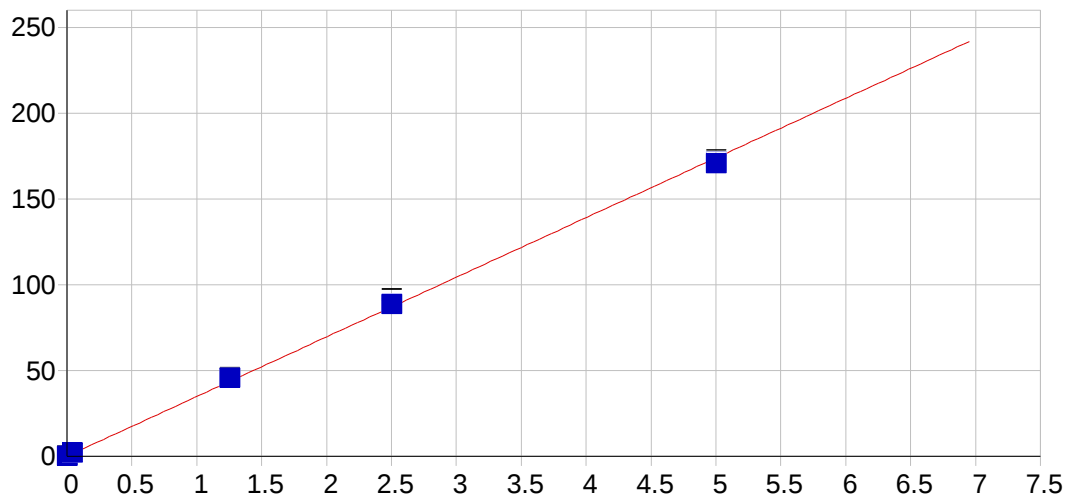
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.250318 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805
 Std Error of Est: 0.000119
 Predicted MDL: 0.000534
 Predicted MQL: 0.001781

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.04000	.04908	.009	22.7	.01203	.000	1
S3	1.2500	1.2827	.033	2.62	.31894	.000	1
S4	2.5000	2.5055	.005	.219	.62298	.000	1
S5	5.0000	4.9528	-.047	-.944	1.2315	.001	1



Zn 206.200 {163}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

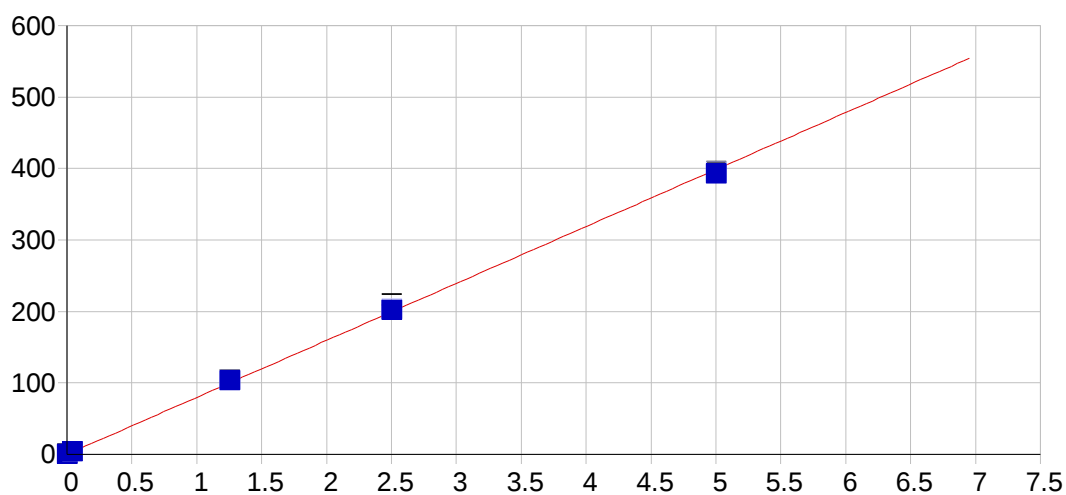
Weighting: 1/Conc

A0 (Offset): 0.061907
 A1 (Gain): 34.768898
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999659
 Std Error of Est: 0.022105
 Predicted MDL: 0.000525
 Predicted MQL: 0.001751

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	.06160	.009	1
S1	.04000	.04741	.007	18.5	1.7196	.048	1
S3	1.2500	1.3028	.053	4.23	45.622	.109	1
S4	2.5000	2.5373	.037	1.49	88.808	3.12	1
S5	5.0000	4.9024	-.098	-1.95	171.57	1.27	1

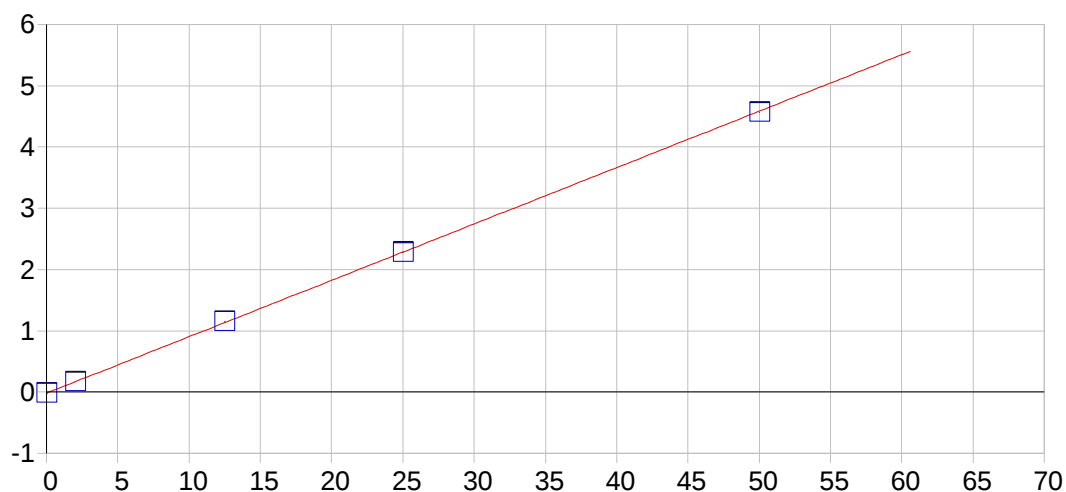


Zn 213.856 {458}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.100911 Re-Slope: 1.000000
 A1 (Gain): 79.694664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.044585
 Predicted MDL: 0.000104
 Predicted MQL: 0.000348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10019	.005	1
S1	.04000	.04787	.008	19.7	3.9369	.067	1
S3	1.2500	1.2928	.043	3.42	103.73	.070	1
S4	2.5000	2.5304	.030	1.22	202.97	7.64	1
S5	5.0000	4.9189	-.081	-1.62	394.52	1.53	1



K 766.490 {44}

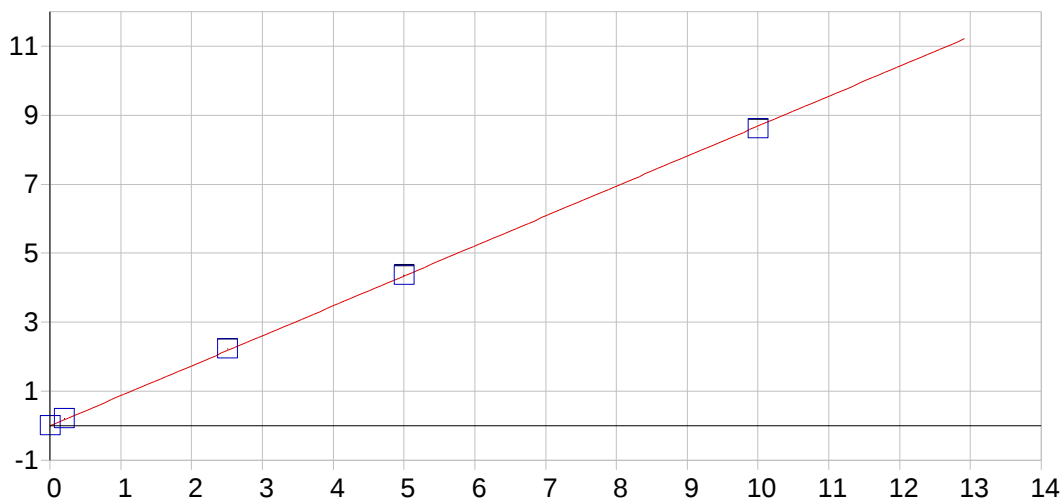
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017400 Re-Slope: 1.000000
 A1 (Gain): 0.092045 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000358
 Predicted MDL: 0.045283
 Predicted MQL: 0.150942

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0076	.008	.378	.16739	.003	1
S0	.00000	-.00003	-.000	.000	-.01740	.003	1
S3	12.500	12.714	.214	1.72	1.1529	.003	1
S4	25.000	24.981	-.019	-.075	2.2820	.014	1
S5	50.000	49.797	-.203	-.407	4.5661	.007	1



Mo 202.030 {467}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

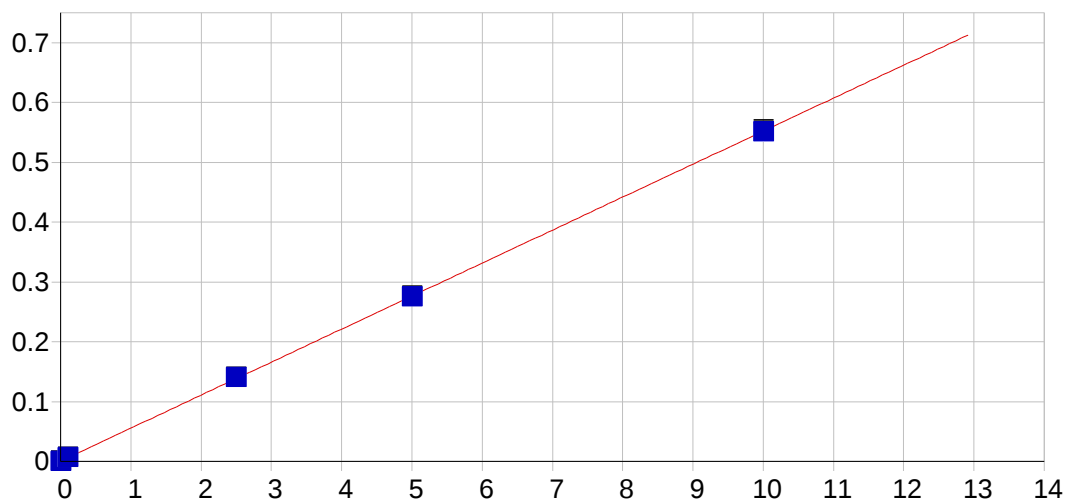
Weighting: 1/Conc

A0 (Offset): 0.000064
 A1 (Gain): 0.868269
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827
 Std Error of Est: 0.001241
 Predicted MDL: 0.000294
 Predicted MQL: 0.000979

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	-.00003	-.000	.000	.00004	.000	1
S1	.20000	.22799	.028	14.0	.19802	.001	1
S3	2.5000	2.5550	.055	2.20	2.2185	.001	1
S4	5.0000	5.0149	.015	.297	4.3543	.015	1
S5	10.000	9.9021	-.098	-.979	8.5977	.016	1

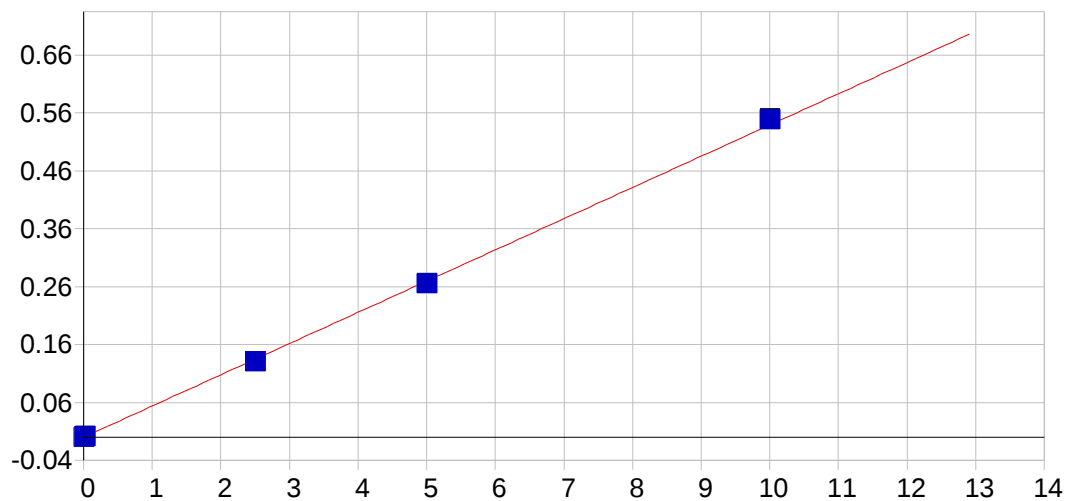


B 249.678 {135}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000497 Re-Slope: 1.000000
 A1 (Gain): 0.055158 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.009082
 Predicted MQL: 0.030272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.10000	.10334	.003	3.34	.00617	.000	1
S3	2.5000	2.5299	.030	1.20	.13972	.000	1
S4	5.0000	4.9808	-.019	-.385	.27458	.001	1
S5	10.000	9.9860	-.014	-.140	.55002	.002	1



S 182.034 {485}

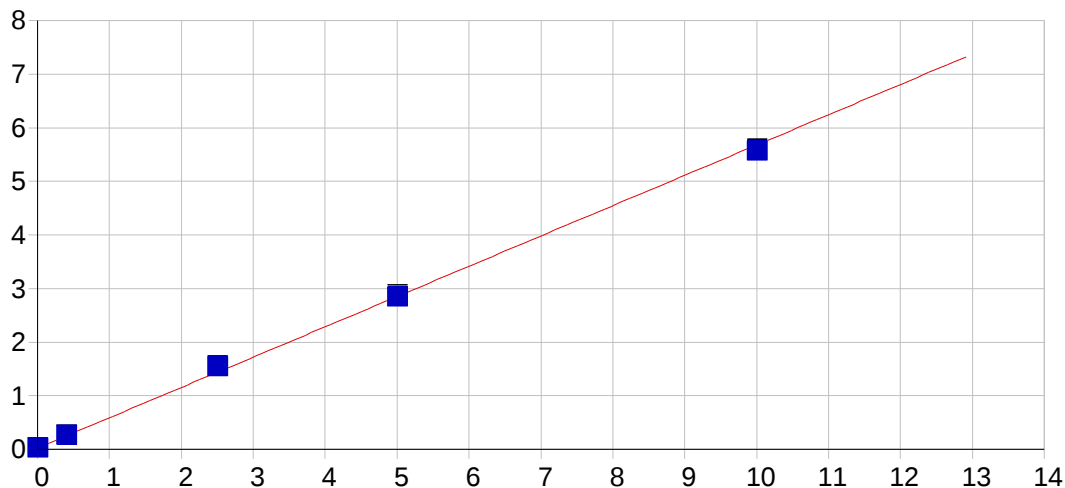
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.053927 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770
 Std Error of Est: 0.000028
 Predicted MDL: 0.003100
 Predicted MQL: 0.010333

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.02000	.02181	.002	9.04	.00105	.000	1
S3	2.5000	2.4094	-.091	-3.63	.12969	.001	1
S4	5.0000	4.9130	-.087	-1.74	.26455	.000	1
S5	10.000	10.176	.176	1.76	.54806	.001	1



Si 288.158 {117}

Date of Fit: 11/6/2018 10:55:39

Type of Fit: Linear

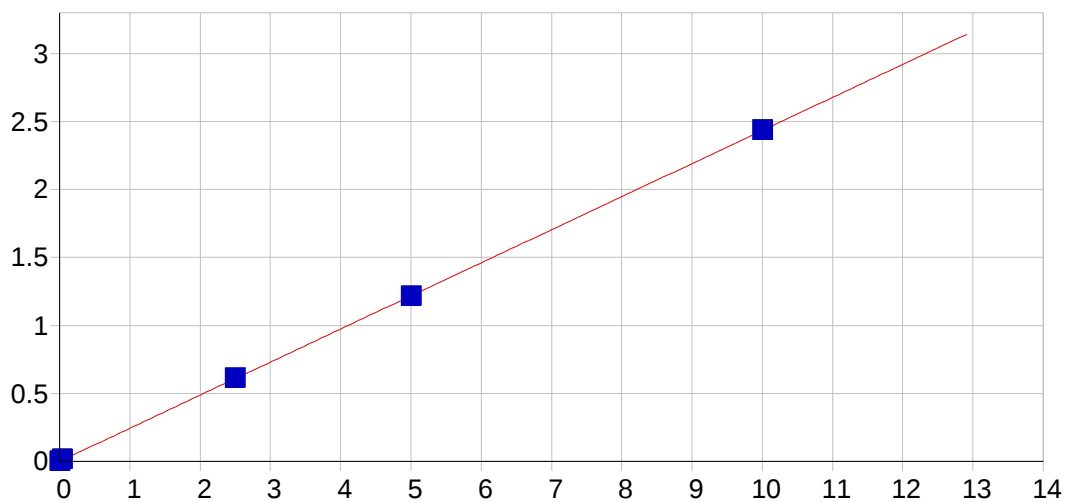
Weighting: 1/Conc

A0 (Offset): 0.023653
 A1 (Gain): 0.565266
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480
 Std Error of Est: 0.001990
 Predicted MDL: 0.002808
 Predicted MQL: 0.009360

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	-.00005	-.000	.000	.02362	.000	1
S1	.40000	.43100	.031	7.75	.26709	.001	1
S3	2.5000	2.6768	.177	7.07	1.5360	.010	1
S4	5.0000	4.9829	-.017	-.342	2.8388	.036	1
S5	10.000	9.8093	-.191	-1.91	5.5655	.027	1

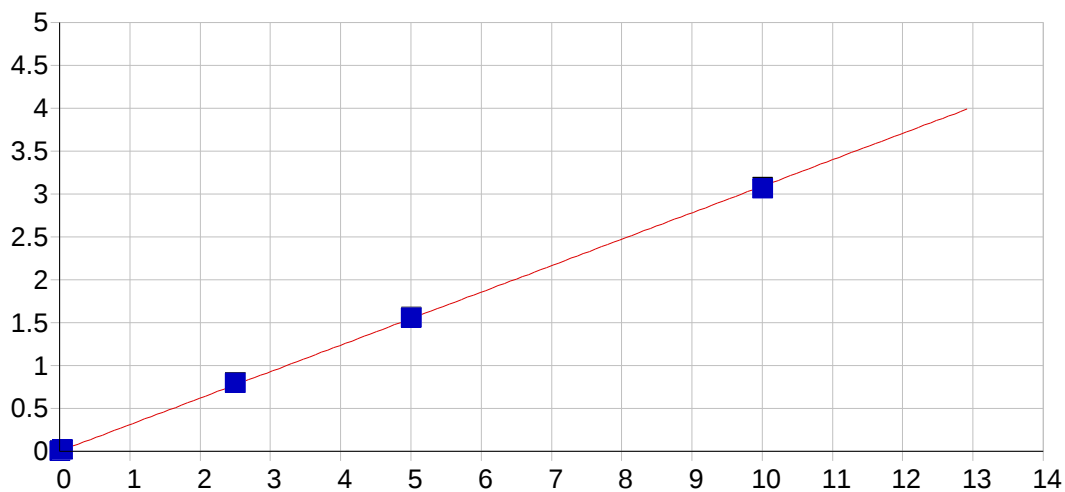


Sn 189.989 {477}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000518 Re-Slope: 1.000000
 A1 (Gain): 0.243295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.000712
 Predicted MQL: 0.002373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00052	.000	1
S1	.04000	.04793	.008	19.8	.01218	.000	1
S3	2.5000	2.5067	.007	.268	.61049	.001	1
S4	5.0000	4.9811	-.019	-.378	1.2126	.004	1
S5	10.000	10.004	.004	.043	2.4349	.002	1



Ti 336.121 {100}

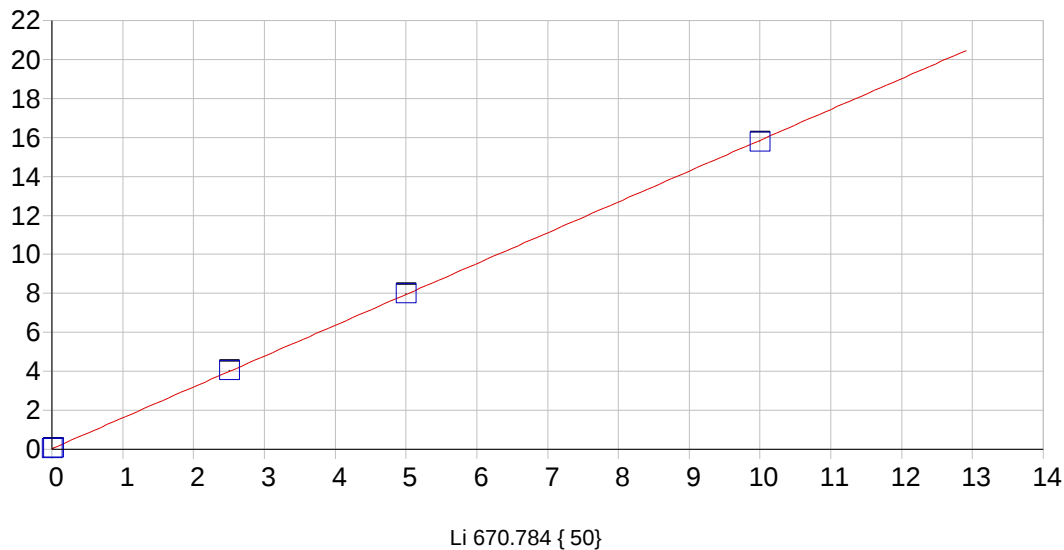
Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002752 Re-Slope: 1.000000
 A1 (Gain): 0.308770 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000164
 Predicted MDL: 0.002674
 Predicted MQL: 0.008915

Status: OK.

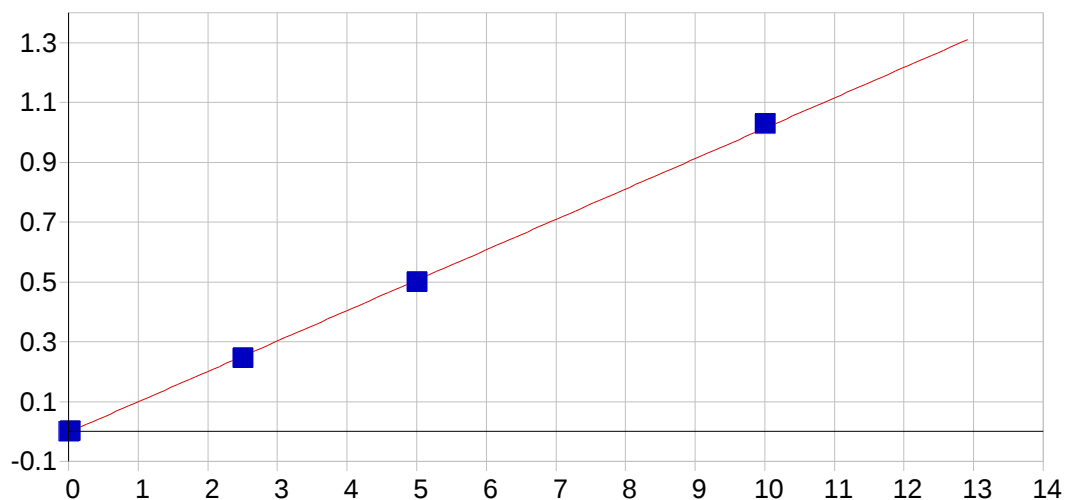
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00275	.001	1
S1	.04000	.04829	.008	20.7	.01766	.001	1
S3	2.5000	2.5624	.062	2.50	.79386	.001	1
S4	5.0000	5.0218	.022	.436	1.5531	.008	1
S5	10.000	9.9075	-.093	-.925	3.0615	.014	1



Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032622 Re-Slope: 1.000000
 A1 (Gain): 1.582297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000275
 Predicted MDL: 0.002216
 Predicted MQL: 0.007388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03262	.003	1
S1	.02000	.02084	.001	4.20	.06560	.000	1
S3	2.5000	2.5379	.038	1.52	4.0483	.032	1
S4	5.0000	5.0127	.013	.253	7.9642	.032	1
S5	10.000	9.9486	-.051	-.514	15.774	.026	1



P 177.495 {490}

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002476 Re-Slope: 1.000000
 A1 (Gain): 0.101633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.001613
 Predicted MQL: 0.005376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00248	.000	1
S1	.02000	.01953	-.000	-2.35	-.00050	.000	1
S3	2.5000	2.4313	-.069	-2.75	.24425	.001	1
S4	5.0000	4.9364	-.064	-1.27	.49849	.001	1
S5	10.000	10.133	.133	1.33	1.0259	.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







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

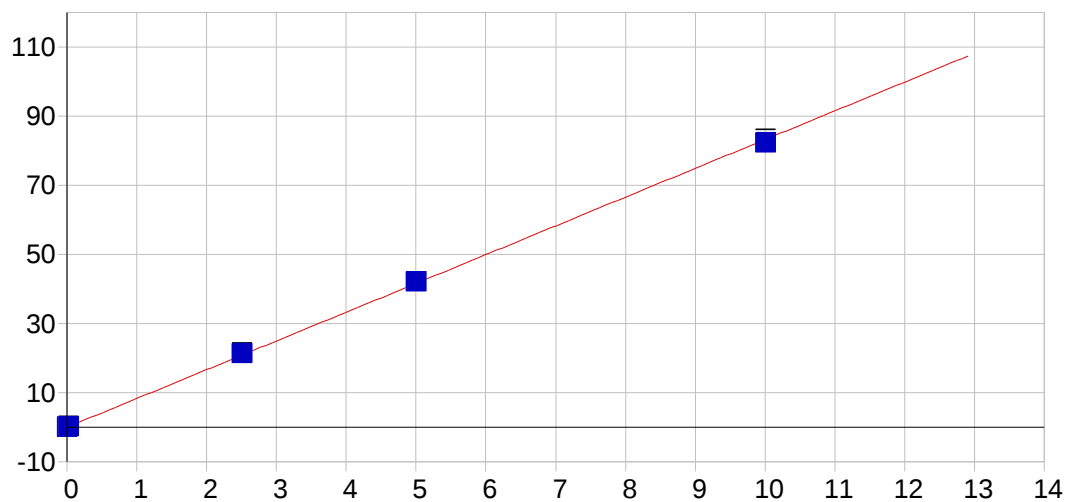
Status: Warning Zero Gain

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: 11/6/2018 10:55:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006669

Re-Slope: 1.000000

A1 (Gain): 8.322461

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999894

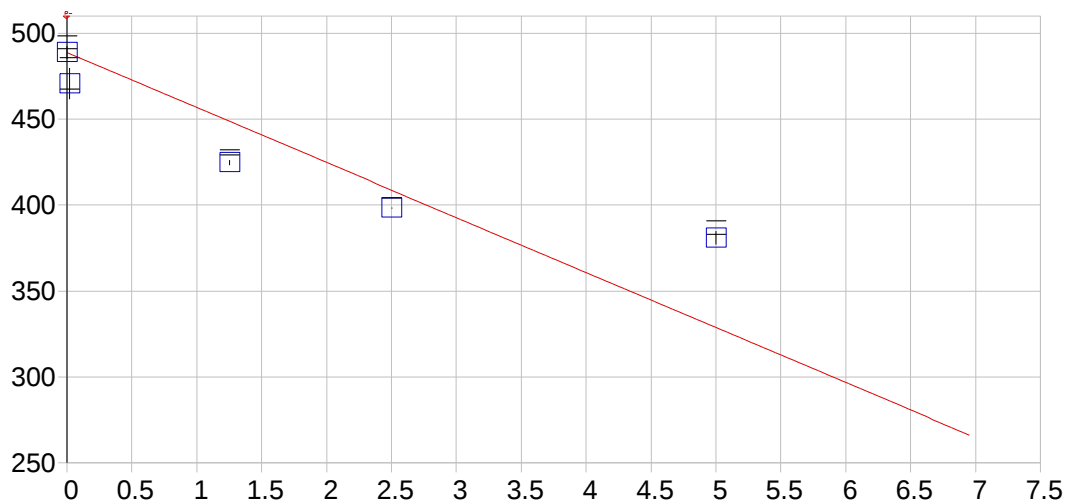
Status: OK.

Std Error of Est: 0.002933

Predicted MDL: 0.000168

Predicted MQL: 0.000561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00670	.001	1
S1	.02000	.02296	.003	14.8	.18537	.001	1
S3	2.5000	2.5649	.065	2.60	21.363	.135	1
S4	5.0000	5.0432	.043	.863	42.011	.059	1
S5	10.000	9.8890	-.111	-1.11	82.385	.866	1

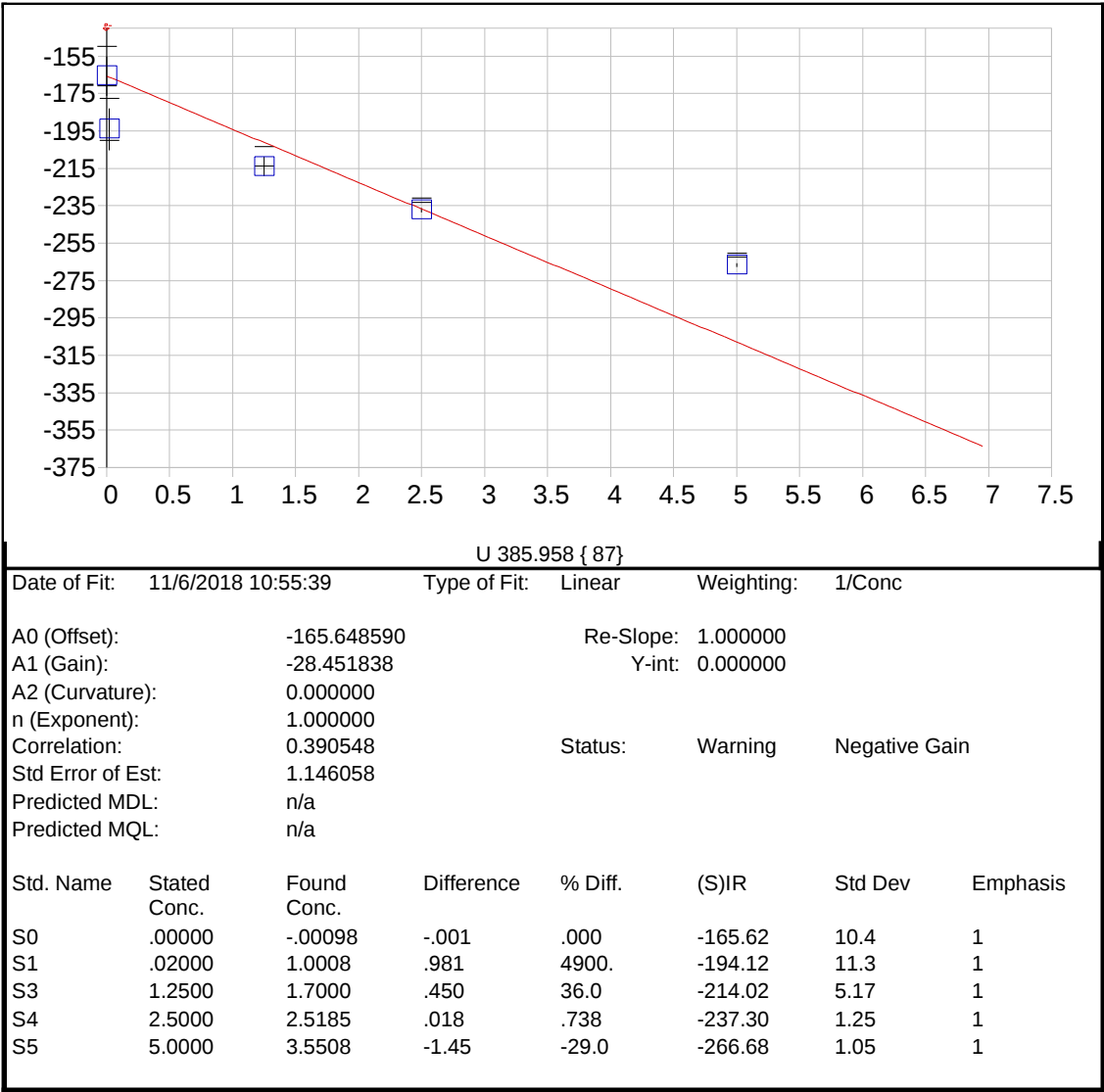


U 367.007 { 92 }

Date of Fit: 11/6/2018 10:55:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 488.787280 Re-Slope: 1.000000
A1 (Gain): -32.014767 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.595239 Status: Warning Negative Gain
Std Error of Est: 0.738550
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	488.81	3.79	1
S1	.02000	.56662	.547	2730.	470.65	9.11	1
S3	1.2500	2.0012	.751	60.1	424.72	1.38	1
S4	2.5000	2.8320	.332	13.3	398.12	.035	1
S5	5.0000	3.3702	-1.63	-32.6	380.89	3.88	1



Sample Name: S0 Acquired: 11/6/2018 10:32:05 Type: Cal
Method: P4-ICP2(v2552) 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	-.00003	-.00073	.00257	.00001	.00048	-.00002	.05580	.00011
Stddev	.00002	.00009	.00016	.00008	.00019	.00001	.00177	.00002
%RSD	78.511	12.922	6.3505	777.21	39.177	58.967	3.1745	19.888

#1	-.00001	-.00066	.00245	-.00005	.00035	-.00001	.05705	.00009
#2	-.00005	-.00080	.00268	.00007	.00061	-.00003	.05455	.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	-.00093	.00043	.00007	.00001	-.00036	-.02075	.00010	-.00009
Stddev	.00012	.00016	.00015	.00014	.00006	.00328	.00007	.00079
%RSD	13.153	38.177	224.39	2265.8	16.805	15.829	71.066	835.18

#1	-.00101	.00031	.00018	-.00009	-.00032	-.01843	.00005	.00046
#2	-.00084	.00054	-.00004	.00010	-.00040	-.02307	.00014	-.00065

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	-.00662	.00004	.23355	-.00010	.10019	-.01740	.00004	.00050
Stddev	.00007	.00014	.00335	.00001	.00469	.00325	.00008	.00020
%RSD	1.0191	354.93	1.4352	13.670	4.6845	18.673	212.16	41.183

#1	-.00657	.00013	.23118	-.00009	.10351	-.01510	-.00002	.00035
#2	-.00667	-.00006	.23592	-.00011	.09687	-.01970	.00009	.00064

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	-.00009	.02362	.00052	.00275	.03262	-.0025	-.00670	488.81
Stddev	.00019	.00026	.00019	.00081	.00294	.0000	.00053	3.79
%RSD	209.33	1.0830	37.105	29.403	9.0150	.4163	7.8775	.77461

#1	-.00022	.02381	.00065	.00218	.03054	-.0025	-.00632	491.48
#2	.00004	.02344	.00038	.00332	.03470	-.0025	-.00707	486.13

Sample Name: S0 Acquired: 11/6/2018 10:32:05 Type: Cal
Method: P4-ICP2(v2552) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-165.62
Stddev	10.43
%RSD	6.2948

#1	-158.25
#2	-172.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.9	47535.	3591.7	94.892	3986.4
Stddev	17.4	153.	7.9	1.167	4.6
%RSD	.46722	.32180	.21889	1.2295	.11660

#1	3716.6	47426.	3586.1	94.067	3989.7
#2	3741.2	47643.	3597.3	95.717	3983.1

Sample Name: S1 Acquired: 11/6/2018 10:36:08 Type: Cal
Method: P4-ICP2(v2552) 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	.00151	.00746	.00671	.00155	.00913	.00072	.52121	.00647
Stddev	.00003	.00007	.00009	.00012	.00014	.00004	.00167	.00011
%RSD	2.1578	.97963	1.2797	7.5590	1.5821	6.1459	.31972	1.6671

#1	.00148	.00751	.00677	.00147	.00923	.00069	.52238	.00640
#2	.00153	.00741	.00665	.00163	.00903	.00075	.52003	.00655

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	.02169	.00245	.04242	.01618	.14779	.03473	.02628	.00238
Stddev	.00003	.00006	.00032	.00029	.00254	.00003	.00026	.00005
%RSD	.14210	2.4417	.74479	1.8217	1.7202	.09419	.97581	2.0889

#1	.02171	.00241	.04264	.01639	.14599	.03476	.02646	.00234
#2	.02167	.00250	.04220	.01597	.14959	.03471	.02610	.00241

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	.01203	3.9369	.19802	.00617	.00105	.26709	.01218	.01766
Stddev	.00015	.0671	.00136	.00014	.00001	.00124	.00028	.00067
%RSD	1.2229	1.7039	.68815	2.2358	1.3057	.46493	2.2822	3.8039

#1	.01213	3.9844	.19899	.00627	.00104	.26621	.01198	.01813
#2	.01193	3.8895	.19706	.00608	.00106	.26797	.01238	.01718

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06560	-.0005	.18537	470.65	-194.12
Stddev	.00038	.0000	.00134	9.11	11.33
%RSD	.58390	4.700	.72520	1.9351	5.8351

#1	.06533	-.0005	.18632	477.09	-202.13
#2	.06587	-.0005	.18442	464.21	-186.11

Sample Name: S1 Acquired: 11/6/2018 10:36:08 Type: Cal
Method: P4-ICP2(v2552) 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	3712.8	47195.	3573.5	97.367	3963.0
Stddev	11.7	205.	5.0	1.355	3.1
%RSD	.31644	.43531	.13896	1.3919	.07929
#1	3704.5	47050.	3577.0	96.408	3960.8
#2	3721.1	47340.	3570.0	98.325	3965.2

Sample Name: S2 Acquired: 11/6/2018 10:40:10 Type: Cal
Method: P4-ICP2(v2552) 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	.07991	.02066	.71702	.16739
Stddev	.00175	.00036	.00101	.00281
%RSD	2.1885	1.7383	.14103	1.6812

#1	.07868	.02041	.71774	.16540
#2	.08115	.02091	.71631	.16938

Int. Std.	Y_3710
Units	Cts/S
Avg	3583.8
Stddev	12.1
%RSD	.33852

#1	3575.2
#2	3592.4

Sample Name: S3 Acquired: 11/6/2018 10:44:06 Type: Cal
Method: P4-ICP2(v2552) 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	.15364	.43178	.73135	.19809	.38361	.02991	20.831	.12338
Stddev	.00020	.00011	.00010	.00043	.00043	.00010	.144	.00049
%RSD	.12911	.02433	.01302	.21709	.11171	.33847	.69272	.39446

#1	.15349	.43186	.73129	.19778	.38331	.02998	20.729	.12372
#2	.15378	.43171	.73142	.19839	.38391	.02983	20.933	.12303

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4009	.47913	.10303	1.4900	.46181	3.8344	1.8652	.12643
Stddev	.0036	.00192	.00021	.0020	.00078	.0671	.0013	.00087
%RSD	.08159	.40116	.20765	.13579	.16800	1.7495	.06862	.68965

#1	4.4034	.47777	.10318	1.4886	.46236	3.8818	1.8643	.12705
#2	4.3984	.48049	.10288	1.4914	.46126	3.7869	1.8661	.12581

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	.87041	.13239	3.5175	.31894	103.73	1.1529	2.2185	.13972
Stddev	.00109	.00028	.0311	.00026	.07	.0028	.0006	.00009
%RSD	.12545	.21305	.88333	.08099	.06733	.24465	.02800	.06191

#1	.87119	.13259	3.4955	.31913	103.78	1.1549	2.2190	.13978
#2	.86964	.13219	3.5395	.31876	103.68	1.1509	2.2181	.13966

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	.12969	1.5360	.61049	.79386	4.0483	.2443	21.363	424.72
Stddev	.00066	.0104	.00095	.00145	.0323	.0009	.135	1.38
%RSD	.50989	.67800	.15611	.18230	.79736	.3796	.63112	.32589

#1	.12922	1.5287	.60982	.79283	4.0255	.2449	21.267	425.70
#2	.13016	1.5434	.61116	.79488	4.0712	.2436	21.458	423.74

Sample Name: S3 Acquired: 11/6/2018 10:44:06 Type: Cal
 Method: P4-ICP2(v2552) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-214.02
Stddev	5.17
%RSD	2.4166

#1	-210.36
#2	-217.67

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3625.2	45824.	3543.5	92.729	3743.2
Stddev	8.6	78.	14.8	.336	14.8
%RSD	.23601	.17122	.41715	.36281	.39591

#1	3619.1	45769.	3554.0	92.491	3732.7
#2	3631.2	45880.	3533.1	92.967	3753.7

Sample Name: S4 Acquired: 11/6/2018 10:47:54 Type: Cal
Method: P4-ICP2(v2552) 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	.30566	.85770	1.4624	.39294	.76527	.05979	41.099	.24347
Stddev	.00106	.00069	.0045	.00118	.00272	.00066	.137	.00091
%RSD	.34565	.07988	.30955	.29942	.35511	1.0969	.33318	.37568

#1	.30640	.85722	1.4592	.39377	.76719	.06025	41.002	.24412
#2	.30491	.85819	1.4656	.39211	.76335	.05933	41.195	.24283

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	8.8244	.93863	.20007	2.9824	.90187	7.4116	3.6558	.24642
Stddev	.0339	.00167	.00101	.0112	.00325	.2558	.0104	.00088
%RSD	.38393	.17786	.50413	.37502	.36027	3.4515	.28543	.35718

#1	8.8005	.93981	.20079	2.9745	.90417	7.2307	3.6632	.24580
#2	8.8484	.93745	.19936	2.9904	.89957	7.5925	3.6485	.24704

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	1.7310	.25784	6.7350	.62298	202.97	2.2820	4.3543	.27458
Stddev	.0049	.00125	.0049	.00043	7.64	.0136	.0152	.00107
%RSD	.28418	.48403	.07277	.06975	3.7636	.59584	.34844	.38794

#1	1.7276	.25872	6.7385	.62328	197.57	2.2724	4.3650	.27533
#2	1.7345	.25695	6.7316	.62267	208.37	2.2916	4.3436	.27383

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	.26455	2.8388	1.2126	1.5531	7.9642	.4985	42.011	398.12
Stddev	.00036	.0361	.0041	.0078	.0325	.0008	.059	.03
%RSD	.13697	1.2718	.34170	.50270	.40752	.1693	.14072	.00871

#1	.26430	2.8133	1.2097	1.5476	7.9412	.4979	41.969	398.10
#2	.26481	2.8643	1.2155	1.5587	7.9871	.4991	42.052	398.15

Sample Name: S4 Acquired: 11/6/2018 10:47:54 Type: Cal
Method: P4-ICP2(v2552) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-237.30
Stddev	1.25
%RSD	.52857

#1	-236.42
#2	-238.19

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.3	45130.	3534.8	91.783	3605.5
Stddev	14.3	272.	16.5	3.370	6.1
%RSD	.40206	.60378	.46652	3.6718	.16887

#1	3552.2	44937.	3546.5	94.166	3609.8
#2	3572.4	45322.	3523.2	89.400	3601.2

Sample Name: S5 Acquired: 11/6/2018 10:51:41 Type: Cal
Method: P4-ICP2(v2552) 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	.61342	1.7019	2.9442	.78303	1.5327	.12017	81.371	.48225
Stddev	.00151	.0024	.0027	.00144	.0043	.00029	.702	.00035
%RSD	.24610	.13985	.09340	.18374	.27804	.24302	.86219	.07224

#1	.61448	1.7036	2.9462	.78405	1.5358	.12038	80.875	.48250
#2	.61235	1.7002	2.9423	.78201	1.5297	.11997	81.867	.48201

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.840	1.8606	.39241	6.0419	1.7747	14.752	7.0759	.48681
Stddev	.024	.0003	.00090	.0130	.0050	.065	.0019	.00016
%RSD	.13211	.01491	.22870	.21426	.28119	.43821	.02744	.03336

#1	17.857	1.8604	.39304	6.0510	1.7783	14.798	7.0773	.48692
#2	17.823	1.8608	.39177	6.0327	1.7712	14.707	7.0746	.48669

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	3.4888	.51259	13.180	1.2315	394.52	4.5661	8.5977	.55002
Stddev	.0049	.00070	.027	.0011	1.53	.0069	.0165	.00244
%RSD	.14036	.13640	.20699	.08735	.38675	.15154	.19179	.44439

#1	3.4922	.51210	13.161	1.2323	395.60	4.5612	8.6094	.54829
#2	3.4853	.51309	13.200	1.2307	393.44	4.5710	8.5861	.55174

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	.54806	5.5655	2.4349	3.0615	15.774	1.026	82.385	380.89
Stddev	.00088	.0271	.0021	.0140	.026	.001	.866	3.88
%RSD	.15997	.48622	.08512	.45727	.16227	.1055	1.0512	1.0175

#1	.54744	5.5464	2.4335	3.0516	15.756	1.025	81.773	383.63
#2	.54868	5.5847	2.4364	3.0714	15.792	1.027	82.998	378.15

Sample Name: S5 Acquired: 11/6/2018 10:51:41 Type: Cal
 Method: P4-ICP2(v2552) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-266.68
Stddev	1.05
%RSD	.39214

#1	-267.42
#2	-265.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.5	44601.	3541.9	91.292	3426.7
Stddev	17.0	154.	8.2	.614	12.7
%RSD	.48698	.34537	.23245	.67293	.37043

#1	3471.5	44493.	3536.1	90.858	3417.8
#2	3495.5	44710.	3547.7	91.726	3435.7

Sample Name: ICV01 Acquired: 11/6/2018 10:55:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0276	1.0492	1.0115	1.0241	1.0151	2.5766	F .52500
Stddev	.0036	.0001	.0002	.0009	.0073	.0463	.00169
%RSD	.34548	.00991	.01611	.08353	.71868	1.7981	.32195

#1	1.0250	1.0492	1.0114	1.0235	1.0099	2.6094	.52619
#2	1.0301	1.0491	1.0116	1.0247	1.0203	2.5439	.52380

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49468	.49234	10.385	.50743	.49951	.51275	5.0815
Stddev	.00016	.00041	.014	.00140	.00104	.00135	.0644
%RSD	.03213	.08370	.13083	.27655	.20908	.26321	1.2675

#1	.49457	.49264	10.395	.50842	.49878	.51179	5.1271
#2	.49479	.49205	10.376	.50644	.50025	.51370	5.0360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50471	6.1773	.50271	.50998	9.7576	.50726	1.0264
Stddev	.00108	.0376	.00174	.00071	.0387	.00108	.0088
%RSD	.21325	.60832	.34545	.13878	.39621	.21304	.85487

#1	.50547	6.2039	.50148	.50948	9.7849	.50802	1.0326
#2	.50395	6.1508	.50394	.51048	9.7303	.50649	1.0202

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.157	2.5576	2.5226	F .01149	F 2.3741	2.4342	2.5363
Stddev	.077	.0077	.0012	.00035	.0278	.0042	.0091
%RSD	.75567	.30135	.04568	3.0408	1.1721	.17233	.35737

#1	10.211	2.5522	2.5234	.01125	2.3544	2.4312	2.5427
#2	10.102	2.5631	2.5218	.01174	2.3938	2.4372	2.5299

Sample Name: ICV01 Acquired: 11/6/2018 10:55:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00310	F .0016	F .00664	F 2.2515	F 2.2595
Stddev	.00041	.0017	.00004	.2266	.0865
%RSD	13.174	106.3	.57021	10.062	3.8300

#1	-.00339	.0004	.00667	2.4117	2.1983
#2	-.00281	.0029	.00662	2.0913	2.3207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.7	46482.	3628.7	95.438	3862.2
Stddev	8.8	407.	5.5	1.231	13.6
%RSD	.24182	.87538	.15214	1.2901	.35136

#1	3620.5	46195.	3632.6	94.568	3852.6
#2	3632.9	46770.	3624.8	96.309	3871.8

Sample Name: LLICV01 Acquired: 11/6/2018 10:59:40 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02232	.04648	.01389	.01938	.05958	.11945	.11511	.00646
Stddev	.00138	.00064	.00162	.00270	.00134	.00230	.00006	.00001
%RSD	6.1891	1.3822	11.631	13.951	2.2541	1.9284	.05502	.15288

#1	.02330	.04603	.01275	.01747	.06053	.11782	.11507	.00647
#2	.02135	.04694	.01504	.02130	.05863	.12108	.11516	.00645

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	2.2368	.01092	.03423	.01911	.11952	.02242	2.2768
Stddev	.00001	.0118	.00052	.00015	.00019	.01036	.00006	.0001
%RSD	.10421	.52561	4.7242	.44248	1.0079	8.6650	.28151	.00244

#1	.00608	2.2452	.01055	.03413	.01925	.12685	.02238	2.2767
#2	.00609	2.2285	.01128	.03434	.01898	.11220	.02247	2.2768

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04466	.01108	1.7346	.04663	.04506	2.1165	.21854	.11007
Stddev	.00086	.00086	.0098	.00087	.00081	.0711	.00162	.00099
%RSD	1.9335	7.7487	.56539	1.8593	1.8015	3.3578	.73911	.90295

#1	.04405	.01047	1.7415	.04602	.04563	2.1667	.21740	.10937
#2	.04527	.01168	1.7276	.04724	.04449	2.0662	.21968	.11077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01905	.42514	.04356	.04638	.02018	.0170	.02178	F 2.1923
Stddev	.00094	.00040	.00007	.00088	.00242	.0011	.00005	.1366
%RSD	4.9110	.09504	.15596	1.8974	11.974	6.452	.20995	6.2297

#1	.01972	.42485	.04351	.04576	.01847	.0178	.02182	2.2888
#2	.01839	.42543	.04361	.04701	.02189	.0163	.02175	2.0957

Sample Name: LLICV01 Acquired: 11/6/2018 10:59:40 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .94697
Stddev	.32809
%RSD	34.647

#1	.71497
#2	1.1790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3641.7	46690.	3565.0	97.575	3974.9
Stddev	15.2	127.	49.3	1.650	11.4
%RSD	.41714	.27183	1.3829	1.6909	.28608

#1	3652.4	46600.	3530.1	96.408	3966.9
#2	3630.9	46780.	3599.8	98.742	3983.0

Sample Name: ICB01 Acquired: 11/6/2018 11:03:42 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	.00056	-.00031	-.00321	-.00074	-.00721	.00217	-.00002
Stddev	.00311	.00009	.00037	.00292	.00142	.04335	.00047	.00003
%RSD	240.91	15.383	118.67	91.098	192.83	601.23	21.649	170.63

#1	-.00091	.00062	-.00058	-.00527	-.00175	.02344	.00250	-.00004
#2	.00349	.00050	-.00005	-.00114	.00027	-.03786	.00184	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01060	-.00009	-.00006	-.00016	.01130	-.00002	.00378
Stddev	.00004	.02324	.00005	.00006	.00004	.00687	.00000	.04115
%RSD	4543.4	219.26	53.558	109.02	24.110	60.801	17.164	1089.2

#1	-.00003	-.02704	-.00006	-.00001	-.00014	.00644	-.00002	.03288
#2	.00003	.00583	-.00013	-.00010	-.00019	.01615	-.00003	-.02532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00018	-.52598	.00048	-.00056	-.05185	-.00005	-.00033
Stddev	.00029	.00030	.00286	.00008	.00009	.00045	.00011	.00347
%RSD	90.966	167.76	.54438	16.755	16.438	.86460	214.07	1056.3

#1	.00052	-.00040	-.52801	.00043	-.00049	-.05217	.00003	.00212
#2	.00011	.00003	-.52396	.00054	-.00062	-.05153	-.00013	-.00278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	.00364	-.00004	.00176	-.00437	-.0011	-.00002	F 2.0470
Stddev	.00189	.00153	.00008	.00164	.00176	.0009	.00012	.1860
%RSD	230.12	41.862	179.65	92.962	40.344	82.23	520.98	9.0855

#1	-.00052	.00257	-.00009	.00292	-.00562	-.0005	.00006	1.9155
#2	.00216	.00472	.00001	.00060	-.00313	-.0018	-.00011	2.1786

Sample Name: ICB01 Acquired: 11/6/2018 11:03:42 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .93448
Stddev	.10013
%RSD	10.715

#1	.86368
#2	1.0053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.5	46613.	3579.2	95.383	4026.4
Stddev	3.4	83.	4.6	.094	14.6
%RSD	.09216	.17883	.12940	.09884	.36328

#1	3644.9	46672.	3575.9	95.450	4036.8
#2	3640.1	46554.	3582.5	95.317	4016.1

Sample Name: CRI01 Acquired: 11/6/2018 11:07:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02261	.04559	.01409	.01963	.05777	.11832	.11418	.00647
Stddev	.00332	.00013	.00008	.00203	.00090	.00691	.00019	.00004
%RSD	14.674	.27419	.56240	10.323	1.5652	5.8359	.16486	.61729
#1	.02496	.04568	.01414	.01819	.05713	.11344	.11405	.00650
#2	.02027	.04550	.01403	.02106	.05841	.12321	.11431	.00644
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	2.3672	.01078	.03396	.01888	.11099	.02239	2.2590
Stddev	.00007	.0098	.00010	.00004	.00041	.00174	.00003	.0259
%RSD	1.1601	.41547	.89693	.12343	2.1929	1.5678	.12289	1.1472
#1	.00616	2.3602	.01071	.03399	.01859	.10976	.02241	2.2407
#2	.00606	2.3741	.01085	.03393	.01917	.11222	.02237	2.2773
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04427	.01089	1.6927	.04561	.05143	2.0921	.21684	.11268
Stddev	.00001	.00064	.0111	.00019	.00097	.0131	.00013	.00078
%RSD	.02020	5.8491	.65478	.41376	1.8939	.62427	.05983	.69012
#1	.04427	.01044	1.6848	.04575	.05074	2.1014	.21693	.11213
#2	.04426	.01134	1.7005	.04548	.05212	2.0829	.21675	.11323
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01944	.43931	.04369	.04542	.01863	.0209	.02168	F 2.6289
Stddev	.00333	.00059	.00018	.00150	.00090	.0021	.00028	.2837
%RSD	17.139	.13499	.41297	3.3066	4.8418	10.20	1.3037	10.791
#1	.01709	.43890	.04382	.04436	.01926	.0193	.02188	2.8295
#2	.02180	.43973	.04356	.04648	.01799	.0224	.02148	2.4283

Sample Name: CRI01 Acquired: 11/6/2018 11:07:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4147
Stddev	.3051
%RSD	21.566

#1	1.1989
#2	1.6304

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.1	46295.	3589.5	94.767	3966.2
Stddev	5.4	182.	.4	1.603	15.2
%RSD	.14926	.39281	.00994	1.6913	.38294

#1	3620.3	46166.	3589.8	95.900	3955.5
#2	3627.9	46423.	3589.3	93.633	3977.0

Sample Name: ICSA01 Acquired: 11/6/2018 11:11:50 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.00611	-.00541	-.00706	.00370	283.01	.00908	-.00031
Stddev	.00164	.00229	.00041	.00211	.00050	.47	.00065	.00004
%RSD	191.49	37.469	7.6656	29.873	13.550	.16661	7.1582	12.117
#1	-.00030	-.00773	-.00570	-.00557	.00335	282.68	.00954	-.00029
#2	.00202	-.00449	-.00512	-.00855	.00405	283.34	.00862	-.00034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	264.51	.05504	-.00075	.00591	99.786	.01429	261.32
Stddev	.00012	1.16	.00013	.00036	.00047	1.044	.00005	.73
%RSD	5.5953	.43900	.23346	47.971	8.0187	1.0467	.34958	.27806
#1	-.00220	263.69	.05513	-.00101	.00624	100.52	.01425	260.81
#2	-.00203	265.34	.05495	-.00050	.00557	99.048	.01432	261.84
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00687	-.00670	-.40723	.00103	-.00007	-.04405	-.00057	-.02530
Stddev	.00063	.00019	.01919	.00004	.00010	.01125	.00027	.00067
%RSD	9.1019	2.7969	4.7123	3.8752	144.69	25.533	46.301	2.6613
#1	-.00643	-.00656	-.42080	.00100	.00000	-.03610	-.00039	-.02482
#2	-.00731	-.00683	-.39366	.00106	-.00013	-.05201	-.00076	-.02577
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00509	-.00089	.00628	-.00268	-.00013	.0012	-.00478	F 3.9526
Stddev	.00117	.00272	.00169	.00077	.00054	.0002	.00121	.0880
%RSD	22.903	306.07	26.900	28.700	431.03	12.43	25.239	2.2275
#1	.00591	-.00281	.00508	-.00322	.00026	.0011	-.00564	4.0149
#2	.00426	.00103	.00747	-.00214	-.00051	.0013	-.00393	3.8904

Sample Name: ICSA01 Acquired: 11/6/2018 11:11:50 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.7371
Stddev	.1352
%RSD	2.8541

#1	4.8327
#2	4.6415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3336.1	42023.	3468.2	87.872	3274.4
Stddev	12.7	109.	8.9	1.208	6.5
%RSD	.38142	.25843	.25718	1.3743	.19740

#1	3327.1	41947.	3461.9	87.018	3269.8
#2	3345.1	42100.	3474.5	88.725	3279.0

Sample Name: ICSAB01 Acquired: 11/6/2018 11:15:58 Type: Unk
Method: P4-ICP2(v2552) 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	.10610	.09789	.04505	.04440	.63733	288.50	.54346
Stddev	.00290	.00083	.00130	.00696	.00407	.42	.00483
%RSD	2.7290	.84613	2.8877	15.684	.63799	.14509	.88862

#1	.10815	.09730	.04413	.03948	.63446	288.79	.54004
#2	.10405	.09847	.04597	.04933	.64021	288.20	.54687

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55586	1.0204	265.97	.56118	.51067	.50220	99.808
Stddev	.00013	.0001	3.67	.00064	.00119	.00166	.115
%RSD	.02302	.00919	1.3794	.11370	.23395	.33085	.11500

#1	.55595	1.0205	263.37	.56163	.50982	.50337	99.889
#2	.55577	1.0203	268.56	.56073	.51151	.50102	99.727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52649	259.73	1.0040	.20924	-.40964	.51891	1.0338
Stddev	.00107	3.16	.0013	.00195	.00374	.00069	.0002
%RSD	.20317	1.2155	.13307	.92954	.91308	.13344	.02087

#1	.52724	257.50	1.0030	.21062	-.41228	.51842	1.0336
#2	.52573	261.96	1.0049	.20787	-.40699	.51940	1.0339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02924	-.00063	-.02648	.00461	-.00376	.00655	-.00168
Stddev	.01276	.00014	.01367	.00156	.00254	.00187	.00041
%RSD	43.619	21.970	51.609	33.733	67.427	28.554	24.480

#1	-.03826	-.00073	-.01682	.00351	-.00197	.00787	-.00197
#2	-.02022	-.00053	-.03614	.00571	-.00555	.00523	-.00139

Sample Name: ICSAB01 Acquired: 11/6/2018 11:15:58 Type: Unk
 Method: P4-ICP2(v2552) 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	-.00248	F .0043	F -.00430	F 3.8585	F 4.2440
Stddev	.00107	.0022	.00065	.0178	.0975
%RSD	43.285	50.58	15.020	.46045	2.2966

#1	-.00324	.0059	-.00475	3.8711	4.3129
#2	-.00172	.0028	-.00384	3.8460	4.1750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3304.9	41681.	3490.9	88.283	3253.6
Stddev	5.9	95.	37.7	.084	6.0
%RSD	.17777	.22882	1.0805	.09527	.18419

#1	3300.8	41613.	3517.5	88.223	3249.3
#2	3309.1	41748.	3464.2	88.342	3257.8

Sample Name: CCV01 Acquired: 11/6/2018 11:19:57 Type: Unk
Method: P4-ICP2(v2552) 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	5.0377	4.9853	4.9936	5.0659	5.1219	10.495	10.275	.25445
Stddev	.0016	.0017	.0130	.0046	.0067	.078	.038	.00011
%RSD	.03137	.03405	.26054	.09016	.13166	.74666	.36632	.04231
#1	5.0389	4.9865	4.9844	5.0691	5.1171	10.440	10.302	.25453
#2	5.0366	4.9841	5.0028	5.0627	5.1266	10.551	10.248	.25438
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4634	F 26.916	.98247	2.4659	1.2740	4.8870	2.5422	24.766
Stddev	.0032	.182	.00380	.0055	.0019	.0255	.0054	.014
%RSD	.12875	.67694	.38640	.22193	.14973	.52215	.21369	.05850
#1	2.4611	26.787	.97979	2.4620	1.2753	4.9050	2.5384	24.776
#2	2.4656	27.044	.98516	2.4697	1.2726	4.8690	2.5461	24.755
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4574	1.2306	24.794	2.4899	2.4973	25.413	5.0469	5.1324
Stddev	.0076	.0056	.036	.0039	.0018	.076	.0043	.0036
%RSD	.31113	.45224	.14549	.15535	.07207	.30084	.08567	.06958
#1	2.4520	1.2267	24.769	2.4871	2.4986	25.358	5.0500	5.1349
#2	2.4628	1.2346	24.820	2.4926	2.4960	25.467	5.0439	5.1299
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9180	5.1213	4.8310	5.0298	5.1527	4.907	5.0194	F 4.0490
Stddev	.0062	.0083	.0161	.0107	.0023	.015	.0131	.2016
%RSD	.12579	.16251	.33418	.21324	.04435	.3112	.26022	4.9793
#1	4.9224	5.1155	4.8196	5.0374	5.1511	4.896	5.0287	4.1916
#2	4.9137	5.1272	4.8424	5.0222	5.1543	4.918	5.0102	3.9065

Sample Name: CCV01 Acquired: 11/6/2018 11:19:57 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4861
Stddev .1888
%RSD 7.5959

#1 2.6197
#2 2.3526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.1	44255.	3501.4	91.971	3601.9
Stddev	15.1	52.	6.6	.496	9.5
%RSD	.43491	.11848	.18805	.53908	.26316

#1	3470.4	44292.	3506.0	91.620	3595.2
#2	3491.9	44218.	3496.7	92.321	3608.6

Sample Name: LLCCV0 Acquired: 11/6/2018 11:23:43 Type: Unk
Method: P4-ICP2(v2552) 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	.02224	.04793	.01417	.02018	.05950	.11382	.11776	.00655
Stddev	.00058	.00027	.00027	.00184	.00039	.01974	.00073	.00003
%RSD	2.6075	.57101	1.9163	9.1145	.66108	17.342	.62223	.50561

#1	.02183	.04812	.01398	.02148	.05922	.12778	.11724	.00653
#2	.02265	.04774	.01436	.01888	.05978	.09986	.11828	.00658

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.3432	.01059	.03417	.01915	.11079	.02294	2.2490
Stddev	.00000	.0069	.00039	.00005	.00067	.00399	.00005	.0447
%RSD	.07845	.29637	3.6711	.15233	3.5031	3.5976	.23256	1.9888

#1	.00613	2.3481	.01032	.03421	.01963	.10797	.02290	2.2174
#2	.00613	2.3382	.01087	.03414	.01868	.11361	.02298	2.2806

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04513	.01059	1.6640	.04644	.04651	2.1202	.22126	.11681
Stddev	.00070	.00009	.0010	.00024	.00058	.0110	.00076	.00281
%RSD	1.5429	.88672	.06129	.51232	1.2432	.51781	.34249	2.4018

#1	.04562	.01065	1.6647	.04628	.04692	2.1280	.22179	.11483
#2	.04463	.01052	1.6633	.04661	.04610	2.1124	.22072	.11880

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01768	.43910	.04327	.04712	F .01473	.0187	.02173	F 2.8632
Stddev	.00184	.00103	.00027	.00109	.00236	.0015	.00005	.4404
%RSD	10.401	.23530	.62631	2.3146	16.011	8.237	.23934	15.382

#1	.01898	.43837	.04308	.04789	.01640	.0176	.02176	3.1746
#2	.01638	.43983	.04346	.04635	.01306	.0198	.02169	2.5518

Sample Name: LLCCV0 Acquired: 11/6/2018 11:23:43 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.4434
 Stddev .0725
 %RSD 5.0213

#1 1.4947
 #2 1.3922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.7	45598.	3521.7	93.692	3956.6
Stddev	1.4	183.	6.2	1.343	5.3
%RSD	.04041	.40031	.17496	1.4340	.13369

#1	3568.8	45469.	3526.1	92.742	3952.8
#2	3566.7	45727.	3517.4	94.642	3960.3

Sample Name: CCB01 Acquired: 11/6/2018 11:27:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00062	-.00082	-.00223	.00020	-.00377	.00328	.00003
Stddev	.00098	.00062	.00077	.00259	.00066	.00204	.00019	.00001
%RSD	7542.2	99.705	93.116	116.39	338.08	54.229	5.6659	43.438

#1	.00071	.00018	-.00028	-.00039	-.00027	-.00232	.00341	.00004
#2	-.00068	.00105	-.00137	-.00406	.00067	-.00522	.00314	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01240	.00009	.00016	-.00011	.00250	-.00000	-.03641
Stddev	.00004	.01430	.00017	.00017	.00011	.00469	.00008	.01196
%RSD	75.705	115.32	188.80	103.71	93.479	187.46	3318.5	32.846

#1	-.00002	.00229	-.00003	.00004	-.00019	-.00081	-.00006	-.04486
#2	-.00007	.02251	.00021	.00028	-.00004	.00581	.00005	-.02795

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00002	-.59869	-.00020	-.00075	-.01263	.00009	-.00744
Stddev	.00036	.00064	.00431	.00002	.00007	.02980	.00023	.00364
%RSD	95.182	2589.0	.71956	9.9327	9.0775	235.87	250.58	48.863

#1	.00063	.00048	-.60174	-.00019	-.00080	.00844	-.00007	-.00487
#2	.00012	-.00043	-.59565	-.00022	-.00070	-.03371	.00025	-.01002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	.00417	-.00025	.00415	-.00557	-.0021	-.00004	F 2.8452
Stddev	.00461	.00089	.00010	.00241	.00096	.0014	.00004	.1099
%RSD	393.61	21.268	40.270	58.067	17.243	63.45	90.603	3.8615

#1	-.00443	.00480	-.00018	.00585	-.00489	-.0012	-.00001	2.9229
#2	.00209	.00354	-.00032	.00244	-.00625	-.0031	-.00007	2.7676

Sample Name: CCB01 Acquired: 11/6/2018 11:27:47 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4072
Stddev	.3317
%RSD	23.572

#1	1.1727
#2	1.6418

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.8	45669.	3495.0	94.796	3995.8
Stddev	14.7	46.	23.4	2.316	10.9
%RSD	.41286	.10122	.66995	2.4429	.27324

#1	3552.4	45637.	3478.5	93.158	3988.1
#2	3573.2	45702.	3511.6	96.433	4003.5

Sample Name: LR CHECK1 Acquired: 11/6/2018 11:41:18 Type: Unk
Method: P4-ICP2(v2552) 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	-.02449	-.07055	F -.08095	-.10687	.05056	1825.3	F .00998
Stddev	.00007	.01005	.00079	.00084	.00654	1.7	.00061
%RSD	.30017	14.240	.97883	.78464	12.943	.09096	6.1007

#1	-.02454	-.07766	-.08151	-.10628	.04593	1824.1	.01042
#2	-.02444	-.06345	-.08039	-.10747	.05519	1826.5	.00955

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00772	1788.7	.11280	.00607	F -.53595	846.12
Stddev	.00024	.00072	8.2	.00143	.00050	.00004	.02
%RSD	12.695	9.3242	.46018	1.2706	8.2528	.00709	.00209

#1	.00172	.00823	1794.5	.11381	.00642	-.53592	846.13
#2	.00206	.00721	1782.9	.11178	.00571	-.53598	846.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02710	1721.7	F .08643	-.06089	1754.6	.00555	F .07291
Stddev	.00027	1.3	.00042	.00087	68.6	.00134	.00027
%RSD	.98177	.07349	.48307	1.4212	3.9072	24.057	.36865

#1	.02729	1722.6	.08613	-.06028	1803.1	.00650	.07272
#2	.02691	1720.8	.08672	-.06151	1706.2	.00461	.07310

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	969.10	.01618	-.27842	.38021	.00629	.04370	-.05052
Stddev	6.47	.00101	.00086	.01337	.00479	.00183	.00227
%RSD	.66791	6.2481	.30927	3.5163	76.104	4.1976	4.4924

#1	973.67	.01689	-.27903	.37076	.00291	.04499	-.05213
#2	964.52	.01546	-.27781	.38966	.00968	.04240	-.04892

Sample Name: LR CHECK1 Acquired: 11/6/2018 11:41:18 Type: Unk
 Method: P4-ICP2(v2552) 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	.02744	.0618	-.91396	6.6073	^ *****
Stddev	.00143	.0014	.00006	.7102	-----
%RSD	5.2034	2.309	.00657	10.749	-----
#1	.02643	.0608	-.91400	6.1051	^ -----
#2	.02845	.0628	-.91391	7.1095	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.4	34246.	3244.6	74.032	2192.9
Stddev	7.8	114.	11.5	.069	6.6
%RSD	.29856	.33385	.35331	.09286	.30102
#1	2617.9	34327.	3236.5	73.983	2188.2
#2	2628.9	34165.	3252.7	74.081	2197.6

Sample Name: J5803-01 Acquired: 11/6/2018 11:45:37 Type: Unk
Method: P4-ICP2(v2552) 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	.06541	-.00527	.18570	.01993	.00335	104.18	1.0364
Stddev	.00267	.00016	.00066	.00005	.00054	.33	.0001
%RSD	4.0824	3.0270	.35431	.26418	16.134	.31429	.00893

#1	.06352	-.00515	.18617	.01997	.00373	104.41	1.0364
#2	.06730	-.00538	.18524	.01989	.00297	103.95	1.0365

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	-.00256	143.05	.09665	.07871	.00850	236.18
Stddev	.00002	.00001	.90	.00044	.00025	.00151	2.07
%RSD	.54689	.51943	.62658	.45652	.32013	17.758	.87776

#1	.00440	-.00257	142.41	.09634	.07889	.00743	237.64
#2	.00443	-.00255	143.68	.09696	.07853	.00956	234.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.493	37.612	.12579	-.00255	.70359	.19196	.82368
Stddev	.064	.034	.00043	.00007	.01442	.00123	.00723
%RSD	.51127	.08976	.34417	2.8025	2.0502	.64008	.87758

#1	12.538	37.588	.12548	-.00250	.71379	.19109	.82880
#2	12.448	37.636	.12610	-.00260	.69339	.19283	.81857

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2708	.00183	.05017	4.8616	1.7010	.01232	.44257
Stddev	.0113	.00013	.00305	.0208	.0165	.00045	.00662
%RSD	.13679	6.8373	6.0773	.42827	.96736	3.6706	1.4960

#1	8.2628	.00174	.05232	4.8763	1.7127	.01264	.44726
#2	8.2788	.00192	.04801	4.8469	1.6894	.01200	.43789

Sample Name: J5803-01 Acquired: 11/6/2018 11:45:37 Type: Unk
 Method: P4-ICP2(v2552) 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	.11077	F 11.25	-.05237	<.00000	F<.00000
Stddev	.00068	.00	.00137	.16994	.53590
%RSD	.61139	.0003	2.6085	2.8103	2.4360

#1	.11125	11.25	-.05334	-5.9268	-22.379
#2	.11029	11.25	-.05141	-6.1671	-21.621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4426.4	57272.	4833.8	96.324	3533.5
Stddev	4.1	135.	15.2	.914	2.1
%RSD	.09155	.23537	.31433	.94837	.05851

#1	4429.2	57177.	4844.5	95.678	3535.0
#2	4423.5	57367.	4823.1	96.970	3532.1

Sample Name: J5803-02 Acquired: 11/6/2018 11:49:41 Type: Unk
Method: P4-ICP2(v2552) 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	.07600	-.00752	.19632	.01668	.00220	106.88	1.1310
Stddev	.00028	.00092	.00092	.00040	.00077	.24	.0017
%RSD	.36617	12.183	.46749	2.3840	34.915	.22296	.14643

#1	.07619	-.00816	.19697	.01696	.00166	106.72	1.1322
#2	.07580	-.00687	.19567	.01639	.00274	107.05	1.1299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	-.00223	110.30	.09587	.08785	-.00008	244.42
Stddev	.00001	.00043	.06	.00033	.00054	.00586	6.06
%RSD	.30895	19.445	.05803	.34786	.61686	7314.2	2.4812

#1	.00453	-.00192	110.34	.09610	.08747	.00406	240.13
#2	.00451	-.00254	110.25	.09563	.08824	-.00422	248.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.108	38.912	.12967	-.00259	-.03941	.19883	.88029
Stddev	.029	.164	.00069	.00105	.01213	.00020	.02251
%RSD	.21884	.42146	.53217	40.461	30.769	.09973	2.5574

#1	13.088	38.796	.12919	-.00333	-.04799	.19897	.86438
#2	13.128	39.028	.13016	-.00185	-.03084	.19869	.89621

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8929	.00149	.03407	4.7225	1.6396	.01325	.46091
Stddev	.0326	.00026	.01134	.0152	.0185	.00019	.00449
%RSD	.47233	17.810	33.294	.32137	1.1285	1.4411	.97433

#1	6.8698	.00130	.02605	4.7117	1.6265	.01311	.46408
#2	6.9159	.00167	.04209	4.7332	1.6527	.01338	.45773

Sample Name: J5803-02 Acquired: 11/6/2018 11:49:41 Type: Unk
Method: P4-ICP2(v2552) 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	.10055	F 11.04	-.10519	<.00000	F<.00000
Stddev	.00128	.02	.00697	.18378	.16719
%RSD	1.2775	.2210	6.6224	2.4194	.66721

#1	.09964	11.03	-.10026	-7.4664	-25.176
#2	.10146	11.06	-.11012	-7.7263	-24.939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4420.4	57283.	4780.5	96.258	3541.0
Stddev	6.3	51.	9.6	2.454	12.9
%RSD	.14275	.08878	.20157	2.5498	.36372

#1	4415.9	57247.	4773.7	97.993	3550.1
#2	4424.8	57319.	4787.4	94.522	3531.9

Sample Name: J5730-01 Acquired: 11/6/2018 11:53:45 Type: Unk
Method: P4-ICP2(v2552) 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	.00362	-.00112	.00351	-.00056	-.00452	.03293	.02243	-.00000
Stddev	.00079	.00123	.00102	.00058	.00054	.00171	.00030	.00007
%RSD	21.933	109.84	29.048	103.23	11.896	5.1793	1.3182	1631.8

#1	.00306	-.00199	.00279	-.00015	-.00490	.03414	.02264	.00004
#2	.00418	-.00025	.00423	-.00096	-.00414	.03173	.02222	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	73.692	-.00098	-.00028	.00128	.00821	.00432	148.12
Stddev	.00004	.130	.00031	.00017	.00004	.00666	.00006	.37
%RSD	28.494	.17683	31.230	60.739	3.4276	81.106	1.5034	.24663

#1	-.00016	73.600	-.00120	-.00016	.00131	.00350	.00437	148.38
#2	-.00011	73.784	-.00076	-.00040	.00125	.01291	.00428	147.86

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	.00007	1111.9	.00104	.00057	50.595	.00158	.52298
Stddev	.00019	.00023	4.4	.00022	.00013	.048	.00016	.00449
%RSD	10.675	327.40	.39834	21.180	21.921	.09559	9.8634	.85793

#1	-.00162	.00023	1115.0	.00088	.00049	50.561	.00147	.52615
#2	-.00189	-.00009	1108.8	.00119	.00066	50.629	.00169	.51981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 117.65	1.6244	-.04173	-.00001	.00670	.0781	.96879	5.3459
Stddev	.20	.0027	.00007	.00096	.00061	.0003	.00160	.0904
%RSD	.16697	.16870	.15784	9995.9	9.1094	.3310	.16563	1.6913

#1	117.78	1.6224	-.04177	.00067	.00627	.0779	.96992	5.2820
#2	117.51	1.6263	-.04168	-.00069	.00713	.0783	.96765	5.4098

Sample Name: J5730-01 Acquired: 11/6/2018 11:53:45 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.2462
 Stddev .1176
 %RSD 2.7705

#1 4.3294
 #2 4.1630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.8	41931.	3663.9	96.609	3244.7
Stddev	2.6	156.	13.9	.111	2.6
%RSD	.07933	.37245	.38040	.11455	.08050

#1	3292.6	41820.	3673.7	96.531	3242.9
#2	3288.9	42041.	3654.0	96.688	3246.6

Sample Name: J5730-01DUP Acquired: 11/6/2018 11:57:55 Type: Unk
Method: P4-ICP2(v2552) 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	.00646	-.00050	.00275	-.00014	-.00294	.01425	.02211	-.00002
Stddev	.00070	.00129	.00098	.00053	.00136	.00855	.00029	.00012
%RSD	10.811	256.24	35.820	387.26	46.474	60.020	1.3304	496.63

#1	.00695	-.00141	.00344	-.00051	-.00197	.02030	.02231	.00006
#2	.00596	.00041	.00205	.00024	-.00390	.00820	.02190	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	73.766	-.00104	-.00039	.00113	-.00596	.00408	147.90
Stddev	.00003	.066	.00006	.00006	.00019	.00638	.00000	.60
%RSD	28.097	.08966	6.1604	15.823	16.977	107.13	.08960	.40547

#1	-.00011	73.813	-.00099	-.00035	.00099	-.00144	.00408	148.33
#2	-.00007	73.719	-.00108	-.00043	.00126	-.01047	.00408	147.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00030	1074.7	.00126	.00047	50.672	.00120	.53332
Stddev	.00017	.00024	3.1	.00020	.00015	.090	.00011	.00355
%RSD	8.8942	80.711	.28824	16.043	32.112	.17835	9.2787	.66648

#1	-.00177	-.00013	1076.9	.00112	.00058	50.608	.00112	.53081
#2	-.00201	-.00047	1072.5	.00141	.00037	50.736	.00128	.53584

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 118.81	1.6106	-.04353	-.00145	.00842	.0764	.96471	5.6673
Stddev	.60	.0122	.00020	.00040	.00102	.0004	.00120	.1846
%RSD	.50906	.75675	.46120	27.535	12.151	.4801	.12420	3.2567

#1	118.38	1.6193	-.04339	-.00174	.00915	.0767	.96386	5.5368
#2	119.24	1.6020	-.04367	-.00117	.00770	.0762	.96556	5.7978

Sample Name: J5730-01DUP Acquired: 11/6/2018 11:57:55 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0237
Stddev .4300
%RSD 10.687

#1 3.7196
#2 4.3277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.4	41522.	3650.0	96.137	3230.9
Stddev	21.2	229.	18.3	2.347	15.7
%RSD	.65034	.55258	.50041	2.4417	.48684

#1	3282.5	41684.	3637.1	97.797	3242.0
#2	3252.4	41360.	3662.9	94.477	3219.8

Sample Name: J5730-01LX5 Acquired: 11/6/2018 12:02:03 Type: Unk
Method: P4-ICP2(v2552) 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	.24678	.57467	.29562	.62328	-.00346	.65359	.06881	.06140
Stddev	.00116	.00177	.00104	.00039	.00071	.00553	.00002	.00048
%RSD	.46871	.30827	.35108	.06317	20.551	.84534	.03417	.78540
#1	.24596	.57341	.29489	.62356	-.00396	.65750	.06883	.06174
#2	.24760	.57592	.29636	.62300	-.00295	.64968	.06880	.06106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05869	15.964	.11524	.05935	.09177	.84896	.06333	30.948
Stddev	.00019	.045	.00141	.00005	.00006	.00147	.00074	.135
%RSD	.31950	.28456	1.2220	.07671	.06439	.17312	1.1693	.43742
#1	.05856	15.932	.11624	.05938	.09172	.84792	.06385	30.852
#2	.05882	15.996	.11425	.05931	.09181	.85000	.06280	31.043
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14421	.02154	216.20	.08974	.05729	13.651	-.00015	.20499
Stddev	.00075	.00065	2.08	.00154	.00049	.074	.00014	.00842
%RSD	.51682	3.0039	.96304	1.7171	.84987	.54566	95.761	4.1092
#1	.14369	.02200	214.73	.09083	.05695	13.704	-.00024	.21095
#2	.14474	.02109	217.68	.08865	.05764	13.598	-.00005	.19904
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.176	.35564	-.00717	.00093	.06804	1.847	.26257	3.9276
Stddev	.126	.00087	.00077	.00256	.00100	.002	.00020	.1750
%RSD	.56663	.24502	10.790	275.49	1.4706	.1287	.07627	4.4562
#1	22.088	.35626	-.00662	-.00088	.06733	1.845	.26271	4.0513
#2	22.265	.35503	-.00771	.00274	.06874	1.849	.26243	3.8038

Sample Name: J5730-01LX5 Acquired: 11/6/2018 12:02:03 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0148
Stddev	.2238
%RSD	11.110

#1	1.8565
#2	2.1731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.7	44095.	3623.8	97.350	3561.4
Stddev	14.4	413.	2.0	.957	8.6
%RSD	.42385	.93679	.05611	.98278	.24062

#1	3397.5	43802.	3622.3	98.026	3567.4
#2	3417.9	44387.	3625.2	96.673	3555.3

Sample Name: LR CHECK2 Acquired: 11/6/2018 12:06:00 Type: Unk
Method: P4-ICP2(v2552) 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	.00293	-.01209	269.18	.01789	-.03552	-.31310	99.747	-.00115
Stddev	.00073	.00020	1.97	.00534	.00088	.00958	.124	.00002
%RSD	24.911	1.6938	.73166	29.838	2.4672	3.0609	.12430	1.8578

#1	.00241	-.01224	267.79	.02166	-.03490	-.30632	99.659	-.00117
#2	.00345	-.01195	270.57	.01411	-.03614	-.31988	99.835	-.00114

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00731	.30600	-.14512	-.00327	265.91	-.88438	45.993	-.10279
Stddev	.00010	.01807	.00099	.00014	1.66	.00440	.150	.02926
%RSD	1.3516	5.9040	.68379	4.1251	.62282	.49754	.32653	28.464

#1	-.00724	.29322	-.14442	-.00318	264.74	-.88127	45.887	-.08210
#2	-.00738	.31877	-.14582	-.00337	267.08	-.88750	46.099	-.12348

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.905	.00885	.12477	-.00494	35.230	.36202	-.00351	-.00500
Stddev	.083	.00032	.01084	.00016	.279	.00318	.00043	.00540
%RSD	.16535	3.5911	8.6879	3.1886	.79059	.87961	12.230	107.90

#1	49.846	.00907	.13243	-.00483	35.427	.36428	-.00320	-.00119
#2	49.963	.00863	.11710	-.00505	35.033	.35977	-.00381	-.00882

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10839	-.00601	.00281	.02187	-.00801	.0550	.00351	2.7079
Stddev	.00133	.00207	.00047	.00034	.00021	.0001	.00007	.2665
%RSD	1.2265	34.337	16.654	1.5475	2.5855	.2057	2.1029	9.8420

#1	.10933	-.00747	.00248	.02163	-.00786	.0549	.00346	2.8964
#2	.10745	-.00455	.00314	.02211	-.00816	.0551	.00357	2.5195

Sample Name: LR CHECK2 Acquired: 11/6/2018 12:06:00 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2390
Stddev .0844
%RSD 6.8134

#1 1.1793
#2 1.2986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.2	46067.	3731.4	93.775	3696.4
Stddev	14.6	121.	3.7	.978	11.7
%RSD	.44139	.26331	.09889	1.0431	.31668

#1	3327.6	46153.	3728.8	93.083	3704.7
#2	3306.9	45981.	3734.0	94.467	3688.2

Sample Name: J5730-01MS Acquired: 11/6/2018 12:10:30 Type: Unk
Method: P4-ICP2(v2552) 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	.80146	1.7460	.94522	1.9912	.80971	2.1615	.21794	.20948
Stddev	.00205	.0006	.00098	.0004	.00607	.0096	.00011	.00045
%RSD	.25548	.03735	.10365	.01926	.75017	.44550	.04932	.21318

#1	.80002	1.7456	.94453	1.9915	.80542	2.1547	.21802	.20917
#2	.80291	1.7465	.94591	1.9909	.81401	2.1684	.21786	.20980

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18729	74.231	.35572	.18807	.27811	2.6646	.19559	147.89
Stddev	.00077	.259	.00164	.00006	.00044	.0513	.00078	.52
%RSD	.41138	.34832	.46189	.03405	.15754	1.9259	.40103	.35208

#1	.18784	74.048	.35688	.18812	.27780	2.6283	.19614	147.52
#2	.18675	74.413	.35456	.18803	.27842	2.7009	.19503	148.26

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45924	.07066	1124.7	.27869	.18265	59.345	.37813	.80301
Stddev	.00144	.00005	11.0	.00097	.00159	.275	.00249	.01414
%RSD	.31411	.07618	.98198	.34891	.86785	.46359	.65919	1.7613

#1	.46026	.07062	1132.5	.27800	.18153	59.151	.37637	.81301
#2	.45822	.07070	1116.9	.27937	.18377	59.540	.37990	.79301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 116.56	2.4625	.61326	.19433	.21403	6.375	1.1342	5.7719
Stddev	.01	.0017	.00057	.00105	.00297	.000	.0073	.1580
%RSD	.01143	.06834	.09255	.53934	1.3886	.0012	.64176	2.7378

#1	116.55	2.4636	.61285	.19359	.21193	6.375	1.1291	5.8837
#2	116.57	2.4613	.61366	.19507	.21613	6.375	1.1394	5.6602

Sample Name: J5730-01MS Acquired: 11/6/2018 12:10:30 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6034
Stddev .2347
%RSD 6.5145

#1 3.7694
#2 3.4374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.0	41509.	3580.2	94.784	3210.4
Stddev	5.4	15.	1.7	.756	.3
%RSD	.16577	.03607	.04716	.79759	.00950

#1	3268.8	41498.	3581.4	95.319	3210.6
#2	3261.2	41519.	3579.0	94.250	3210.2

Sample Name: J5730-01MSD Acquired: 11/6/2018 12:14:23 Type: Unk
Method: P4-ICP2(v2552) 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	.79483	1.7173	.92515	1.9725	.81079	2.1569	.21296	.20799
Stddev	.00344	.0063	.00388	.0121	.00564	.0538	.00584	.00032
%RSD	.43270	.36822	.41951	.61402	.69605	2.4946	2.7444	.15164
#1	.79727	1.7217	.92790	1.9810	.81478	2.1188	.20883	.20822
#2	.79240	1.7128	.92241	1.9639	.80680	2.1949	.21709	.20777
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18399	72.918	.34961	.18522	.27401	2.6009	.19465	144.25
Stddev	.00079	1.567	.00110	.00020	.00081	.1036	.00028	4.13
%RSD	.42683	2.1497	.31377	.10781	.29629	3.9834	.14240	2.8654
#1	.18454	71.809	.35038	.18536	.27459	2.5276	.19485	141.33
#2	.18343	74.026	.34883	.18508	.27344	2.6741	.19446	147.18
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45116	.06967	1061.9	.27591	.17811	58.304	.37628	.78383
Stddev	.00402	.00006	5.9	.00036	.00358	1.380	.00222	.03046
%RSD	.89084	.08529	.55289	.13007	2.0080	2.3670	.58887	3.8865
#1	.45400	.06971	1057.8	.27616	.17558	57.328	.37785	.76229
#2	.44832	.06963	1066.1	.27565	.18064	59.280	.37471	.80537
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 115.48	2.4422	.60708	.18827	.21261	6.273	1.1092	5.4455
Stddev	.98	.0495	.00634	.00638	.00410	.017	.0277	.0543
%RSD	.85176	2.0248	1.0440	3.3887	1.9263	.2649	2.4927	.99725
#1	116.18	2.4073	.61156	.18376	.20972	6.285	1.0896	5.4839
#2	114.79	2.4772	.60260	.19278	.21551	6.261	1.1287	5.4071

Sample Name: J5730-01MSD Acquired: 11/6/2018 12:14:23 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7123
Stddev .0488
%RSD 1.3134

#1 3.7468
#2 3.6778

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.4	41360.	3661.9	95.840	3224.1
Stddev	25.8	89.	71.1	1.904	24.8
%RSD	.79168	.21482	1.9425	1.9865	.76978

#1	3242.1	41422.	3712.2	97.186	3206.6
#2	3278.7	41297.	3611.6	94.494	3241.7

Sample Name: J5730-01A Acquired: 11/6/2018 12:18:15 Type: Unk
Method: P4-ICP2(v2552) 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	.78949	1.7065	.92720	1.9670	.81640	2.1719	.21273	.20624
Stddev	.00200	.0028	.00524	.0058	.00116	.0096	.00941	.00003
%RSD	.25392	.16313	.56479	.29422	.14156	.44088	4.4215	.01546
#1	.78807	1.7045	.93090	1.9630	.81558	2.1651	.20608	.20622
#2	.79091	1.7085	.92350	1.9711	.81722	2.1787	.21938	.20627
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18404	73.039	.34610	.18587	.27328	2.5258	.19360	143.53
Stddev	.00026	3.426	.00025	.00055	.00054	.1308	.00033	6.32
%RSD	.14348	4.6900	.07242	.29634	.19919	5.1800	.17085	4.4056
#1	.18422	70.617	.34593	.18548	.27366	2.4333	.19383	139.06
#2	.18385	75.462	.34628	.18626	.27289	2.6183	.19337	148.00
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45105	.06849	1059.6	.27357	.17404	57.982	.37769	.78079
Stddev	.00158	.00064	20.4	.00001	.00824	2.424	.00139	.03980
%RSD	.35137	.92909	1.9251	.00233	4.7328	4.1802	.36848	5.0969
#1	.45217	.06894	1045.2	.27356	.16822	56.269	.37670	.75265
#2	.44993	.06804	1074.1	.27357	.17987	59.696	.37867	.80893
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 115.07	2.4000	.60531	.18782	.21277	6.238	1.0959	5.7861
Stddev	.23	.0918	.00010	.00850	.01146	.004	.0377	.4645
%RSD	.19910	3.8250	.01628	4.5278	5.3870	.0584	3.4438	8.0272
#1	115.23	2.3351	.60524	.18181	.20466	6.240	1.0692	6.1145
#2	114.91	2.4649	.60538	.19383	.22087	6.235	1.1225	5.4577

Sample Name: J5730-01A Acquired: 11/6/2018 12:18:15 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6216
Stddev .3377
%RSD 9.3256

#1 3.3828
#2 3.8604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.6	41341.	3684.2	97.523	3207.7
Stddev	7.2	30.	137.0	4.348	10.2
%RSD	.22250	.07139	3.7190	4.4581	.31644

#1	3237.5	41362.	3781.1	100.60	3200.5
#2	3247.7	41321.	3587.3	94.449	3214.9

Sample Name: J5730-01LX5 Acquired: 11/6/2018 12:22:07 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	-.00008	.00236	-.00190	-.00190	.01962	.00565	-.00000
Stddev	.00485	.00047	.00003	.00065	.00001	.00329	.00009	.00001
%RSD	442.47	560.08	1.1368	34.393	.43115	16.749	1.5929	260.92
#1	-.00233	.00025	.00237	-.00144	-.00191	.02194	.00558	.00000
#2	.00452	-.00042	.00234	-.00236	-.00189	.01729	.00571	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	15.888	-.00038	-.00022	.00042	.00438	.00092	30.100
Stddev	.00001	.128	.00021	.00000	.00057	.00205	.00000	.101
%RSD	36.992	.80568	54.654	.86449	135.55	46.737	.40530	.33701
#1	-.00005	15.798	-.00023	-.00022	.00002	.00582	.00092	30.171
#2	-.00003	15.979	-.00053	-.00022	.00082	.00293	.00092	30.028
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00008	210.60	.00058	-.00027	10.505	.00040	.11758
Stddev	.00002	.00020	1.35	.00063	.00012	.108	.00036	.01095
%RSD	3.3633	243.70	.64206	108.25	45.271	1.0250	89.416	9.3135
#1	-.00056	-.00006	211.55	.00103	-.00018	10.582	.00015	.12533
#2	-.00054	.00022	209.64	.00014	-.00035	10.429	.00066	.10984
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.780	.33774	-.00779	.00216	.00053	.0113	.20345	3.9608
Stddev	.078	.00355	.00045	.00014	.00037	.0009	.00002	.0467
%RSD	.35650	1.0520	5.7650	6.4137	69.331	8.125	.00738	1.1781
#1	21.834	.34025	-.00747	.00207	.00079	.0106	.20344	3.9278
#2	21.725	.33523	-.00811	.00226	.00027	.0119	.20346	3.9938

Sample Name: J5730-01LX5 Acquired: 11/6/2018 12:22:07 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1504
Stddev	.3416
%RSD	15.885

#1	2.3919
#2	1.9088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.7	43636.	3610.3	97.146	3575.2
Stddev	2.3	3.	1.2	.473	17.3
%RSD	.06750	.00764	.03392	.48642	.48412

#1	3397.3	43638.	3611.2	96.812	3562.9
#2	3394.1	43634.	3609.4	97.480	3587.4

Sample Name: CCV02 Acquired: 11/6/2018 12:34:19 Type: Unk
Method: P4-ICP2(v2552) 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	5.0474	4.7831	4.9595	5.0177	5.2128	10.741	10.232	.24988
Stddev	.0194	.0290	.0222	.0097	.0175	.078	.047	.00052
%RSD	.38363	.60647	.44798	.19387	.33486	.72697	.45893	.20873
#1	5.0337	4.7626	4.9437	5.0109	5.2005	10.685	10.199	.24951
#2	5.0610	4.8036	4.9752	5.0246	5.2252	10.796	10.265	.25025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3976	26.983	.92994	2.4315	1.2580	4.6951	2.5292	23.859
Stddev	.0072	.420	.00087	.0035	.0014	.0929	.0052	.030
%RSD	.29935	1.5574	.09359	.14414	.11516	1.9789	.20557	.12611
#1	2.3926	26.686	.93056	2.4290	1.2570	4.6294	2.5255	23.838
#2	2.4027	27.280	.92932	2.4340	1.2590	4.7608	2.5328	23.880
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3637	1.1813	23.045	2.3561	2.4057	24.296	4.8804	4.9487
Stddev	.0048	.0024	.123	.0020	.0301	.231	.0233	.0581
%RSD	.20478	.20422	.53497	.08483	1.2511	.95271	.47708	1.1735
#1	2.3603	1.1796	22.958	2.3547	2.3844	24.132	4.8639	4.9076
#2	2.3671	1.1830	23.133	2.3575	2.4270	24.459	4.8968	4.9897
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6962	4.7728	4.5308	4.9569	5.0174	4.732	4.8965	F 4.1001
Stddev	.0258	.0371	.0049	.0183	.0374	.009	.0047	.2969
%RSD	.54939	.77752	.10731	.36924	.74442	.1940	.09545	7.2403
#1	4.6780	4.7466	4.5273	4.9440	4.9910	4.726	4.8932	4.3100
#2	4.7145	4.7990	4.5342	4.9699	5.0438	4.739	4.8998	3.8902

Sample Name: CCV02 Acquired: 11/6/2018 12:34:19 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4875
Stddev .3210
%RSD 12.903

#1 2.2605
#2 2.7144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.3	45519.	3685.2	96.744	3666.4
Stddev	6.5	92.	10.2	1.049	4.5
%RSD	.18821	.20255	.27781	1.0838	.12154

#1	3474.9	45454.	3692.4	97.486	3669.6
#2	3465.7	45584.	3677.9	96.003	3663.3

Sample Name: CCB02 Acquired: 11/6/2018 12:38:03 Type: Unk
Method: P4-ICP2(v2552) 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	.00197	.00071	-.00060	-.00309	.00064	.01204	.00047
Stddev	.00076	.00061	.00034	.00025	.00051	.01152	.00056
%RSD	38.544	86.086	56.598	8.0650	78.877	95.719	119.75

#1	.00143	.00114	-.00084	-.00327	.00028	.02018	.00087
#2	.00251	.00028	-.00036	-.00292	.00100	.00389	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	-.00600	-.00012	-.00003	.00001	.01068
Stddev	.00000	.00003	.00055	.00008	.00002	.00017	.00623
%RSD	7.9988	47.541	9.1845	69.986	45.759	2625.9	58.298

#1	-.00001	-.00007	-.00561	-.00018	-.00005	-.00012	.01508
#2	-.00001	-.00004	-.00639	-.00006	-.00002	.00013	.00628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.03175	.00101	-.00005	-.42965	-.00025	-.00057
Stddev	.00004	.04602	.00049	.00010	.00071	.00032	.00004
%RSD	191.15	144.96	48.818	186.31	.16555	130.15	6.4820

#1	-.00001	-.00079	.00135	-.00013	-.43016	-.00002	-.00054
#2	.00004	.06429	.00066	.00002	-.42915	-.00047	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06884	.00030	.00071	.00489	.00386	-.00034	.00163
Stddev	.00259	.00021	.00200	.00078	.00001	.00042	.00106
%RSD	3.7646	70.165	279.94	15.903	.25886	123.05	64.712

#1	.07068	.00045	.00213	.00544	.00385	-.00064	.00089
#2	.06701	.00015	-.00070	.00434	.00387	-.00004	.00238

Sample Name: CCB02 Acquired: 11/6/2018 12:38:03 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01099	-.0031	.00012	F 2.3530	F 1.0276
Stddev	.00018	.0007	.00010	.0134	.1977
%RSD	1.6486	22.58	85.403	.57102	19.238

#1	-.01086	-.0026	.00019	2.3625	1.1674
#2	-.01112	-.0036	.00005	2.3435	.88783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3578.5	47286.	3723.8	103.31	4083.2
Stddev	5.1	99.	5.3	2.54	.1
%RSD	.14194	.20912	.14337	2.4583	.00323

#1	3582.1	47216.	3727.5	101.52	4083.3
#2	3574.9	47356.	3720.0	105.11	4083.1

Sample Name: J5731-09 Acquired: 11/6/2018 12:42:08 Type: Unk
Method: P4-ICP2(v2552) 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	.00424	-.00070	.00219	-.00359	-.00270	.02351	.02354	.00002
Stddev	.00215	.00020	.00035	.00007	.00117	.00109	.00024	.00001
%RSD	50.857	28.774	15.856	1.9975	43.389	4.6260	1.0226	31.473

#1	.00271	-.00084	.00194	-.00364	-.00187	.02274	.02371	.00002
#2	.00576	-.00056	.00243	-.00354	-.00353	.02428	.02337	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	77.512	-.00130	-.00021	.00129	.00131	.00437	156.09
Stddev	.00006	.314	.00016	.00022	.00045	.00463	.00002	.38
%RSD	53.100	.40473	12.090	102.62	35.048	354.67	.46397	.24419

#1	-.00007	77.734	-.00141	-.00006	.00161	.00458	.00435	156.36
#2	-.00015	77.290	-.00119	-.00036	.00097	-.00197	.00438	155.83

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00032	1180.7	.00145	.00007	52.388	.00169	.55249
Stddev	.00024	.00050	4.7	.00044	.00002	.318	.00010	.01507
%RSD	13.891	155.79	.39493	30.503	26.498	.60667	5.7153	2.7281

#1	-.00159	-.00003	1184.0	.00176	.00008	52.612	.00176	.56315
#2	-.00193	.00067	1177.4	.00113	.00006	52.163	.00162	.54184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.30	1.6337	-.04483	-.00048	.00982	.0832	1.0193	5.4659
Stddev	1.25	.0001	.00044	.00001	.00139	.0008	.0026	.2856
%RSD	1.0063	.00378	.99242	2.3268	14.191	.9086	.25399	5.2246

#1	125.18	1.6338	-.04514	-.00049	.01080	.0837	1.0212	5.6678
#2	123.41	1.6337	-.04451	-.00047	.00883	.0827	1.0175	5.2639

Sample Name: J5731-09 Acquired: 11/6/2018 12:42:08 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0529
Stddev .1334
%RSD 3.2910

#1 3.9585
#2 4.1472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.3	41091.	3650.2	97.118	3174.1
Stddev	36.0	258.	12.3	.288	28.2
%RSD	1.1365	.62788	.33662	.29707	.88828

#1	3141.8	41273.	3641.5	97.322	3154.2
#2	3192.7	40908.	3658.9	96.914	3194.0

Sample Name: J5731-10 Acquired: 11/6/2018 12:46:14 Type: Unk
Method: P4-ICP2(v2552) 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	.00685	-.00003	.00195	-.00206	-.00311	.02956	.02216	.00005
Stddev	.00173	.00157	.00010	.00044	.00208	.02114	.00074	.00012
%RSD	25.171	5266.8	5.0482	21.281	66.894	71.495	3.3458	256.08
#1	.00807	.00108	.00188	-.00237	-.00164	.01462	.02163	-.00004
#2	.00563	-.00114	.00202	-.00175	-.00458	.04451	.02268	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	62.672	-.00085	-.00010	.00123	-.00034	.00355	110.71
Stddev	.00007	1.151	.00035	.00004	.00001	.00141	.00006	3.19
%RSD	60.327	1.8361	40.674	35.496	.65975	415.85	1.5473	2.8771
#1	-.00006	61.858	-.00109	-.00008	.00124	-.00133	.00352	108.46
#2	-.00016	63.486	-.00061	-.00013	.00122	.00066	.00359	112.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	.00002	828.46	.00105	-.00008	37.005	.00115	.40221
Stddev	.00076	.00017	14.31	.00018	.00001	.640	.00020	.01521
%RSD	79.805	1030.0	1.7273	16.671	18.376	1.7305	17.600	3.7818
#1	-.00041	.00014	818.34	.00093	-.00007	36.552	.00129	.39146
#2	-.00149	-.00010	838.58	.00118	-.00009	37.457	.00101	.41297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 87.352	1.6694	-.03153	.00042	.00088	.0707	.74414	5.4069
Stddev	.192	.0422	.00080	.00367	.00222	.0006	.01443	.0953
%RSD	.22029	2.5257	2.5270	885.17	251.71	.8357	1.9393	1.7617
#1	87.488	1.6395	-.03096	.00301	-.00069	.0711	.73393	5.3395
#2	87.215	1.6992	-.03209	-.00218	.00245	.0703	.75434	5.4742

Sample Name: J5731-10 Acquired: 11/6/2018 12:46:14 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7590
 Stddev .1716
 %RSD 4.5645

#1 3.8803
 #2 3.6376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.0	42596.	3738.3	98.171	3307.5
Stddev	11.1	1112.	74.4	.535	6.0
%RSD	.34117	2.6100	1.9899	.54469	.18163

#1	3273.9	43383.	3790.9	98.549	3311.7
#2	3258.1	41810.	3685.7	97.793	3303.2

Sample Name: J5731-11 Acquired: 11/6/2018 12:50:21 Type: Unk
Method: P4-ICP2(v2552) 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	.00576	-.00045	.00196	.00019	-.00175	.05792	.02180	.00007
Stddev	.00028	.00078	.00071	.00140	.00164	.00296	.00001	.00002
%RSD	4.8799	173.75	36.425	738.06	93.874	5.1101	.02411	24.216

#1	.00556	.00010	.00246	-.00080	-.00291	.06001	.02179	.00006
#2	.00596	-.00100	.00145	.00118	-.00059	.05582	.02180	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	58.730	-.00019	-.00025	.00125	-.00401	.00379	93.776
Stddev	.00003	.454	.00028	.00002	.00017	.00129	.00027	.014
%RSD	20.876	.77324	151.53	6.0463	13.623	32.211	6.9890	.01460

#1	-.00015	58.409	-.00038	-.00024	.00137	-.00493	.00398	93.786
#2	-.00011	59.051	.00001	-.00026	.00113	-.00310	.00361	93.766

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00024	708.35	.00109	.00013	31.609	.00126	.33791
Stddev	.00017	.00046	3.25	.00009	.00005	.177	.00029	.00921
%RSD	19.527	186.45	.45811	7.9191	39.953	.56076	22.788	2.7250

#1	-.00077	.00008	710.65	.00115	.00009	31.484	.00146	.33140
#2	-.00101	-.00057	706.06	.00103	.00016	31.735	.00106	.34442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 72.468	1.7130	-.02602	.00068	-.00154	.0656	.65207	5.4585
Stddev	.092	.0111	.00039	.00266	.00180	.0003	.00184	.8992
%RSD	.12694	.64852	1.4860	389.35	116.93	.4428	.28200	16.473

#1	72.533	1.7052	-.02629	.00256	-.00027	.0654	.65077	6.0943
#2	72.403	1.7209	-.02575	-.00120	-.00282	.0658	.65337	4.8227

Sample Name: J5731-11 Acquired: 11/6/2018 12:50:21 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1908
Stddev	.3173
%RSD	9.9439

#1	3.4152
#2	2.9665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.7	41264.	3695.2	99.627	3366.2
Stddev	14.1	1742.	27.6	1.465	6.5
%RSD	.43028	4.2211	.74822	1.4705	.19298

#1	3288.7	40032.	3714.8	100.66	3361.6
#2	3268.7	42496.	3675.7	98.591	3370.8

Sample Name: J5731-12 Acquired: 11/6/2018 12:54:28 Type: Unk
Method: P4-ICP2(v2552) 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	.00587	-.00184	.00235	-.00443	-.00205	.01578	.02285	-.00005
Stddev	.00371	.00227	.00126	.00205	.00181	.00091	.00002	.00005
%RSD	63.221	123.46	53.741	46.254	88.579	5.7992	.07647	99.450

#1	.00324	-.00344	.00324	-.00298	-.00077	.01513	.02284	-.00008
#2	.00849	-.00023	.00145	-.00588	-.00333	.01642	.02286	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	77.022	-.00062	-.00023	.00145	-.00792	.00503	151.89
Stddev	.00013	.957	.00086	.00015	.00008	.00018	.00007	2.60
%RSD	65.464	1.2428	139.71	68.168	5.6002	2.2254	1.4482	1.7148

#1	-.00028	76.346	-.00123	-.00034	.00151	-.00804	.00508	150.05
#2	-.00010	77.699	-.00001	-.00012	.00139	-.00779	.00497	153.73

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00027	1077.4	.00109	.00126	51.999	.00144	.55608
Stddev	.00050	.00033	14.6	.00041	.00002	.829	.00016	.01488
%RSD	30.022	123.11	1.3546	37.844	1.9271	1.5948	11.190	2.6758

#1	-.00132	-.00004	1067.1	.00138	.00124	51.413	.00156	.54556
#2	-.00203	-.00051	1087.8	.00080	.00127	52.586	.00133	.56661

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.47	1.6088	-.04409	-.00177	.00987	.0785	.99301	5.8985
Stddev	.93	.0204	.00048	.00076	.00003	.0019	.01450	.6402
%RSD	.75694	1.2673	1.0918	43.285	.31987	2.461	1.4605	10.853

#1	123.12	1.5944	-.04375	-.00123	.00989	.0772	.98276	6.3512
#2	121.81	1.6233	-.04443	-.00231	.00985	.0799	1.0033	5.4459

Sample Name: J5731-12 Acquired: 11/6/2018 12:54:28 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2566
Stddev .1575
%RSD 3.6996

#1 4.3680
#2 4.1453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.5	40073.	3692.1	98.613	3171.4
Stddev	22.5	950.	42.7	4.380	21.0
%RSD	.71356	2.3711	1.1573	4.4417	.66231

#1	3139.6	39401.	3722.3	101.71	3156.5
#2	3171.5	40745.	3661.9	95.516	3186.2

Sample Name: J5731-13 Acquired: 11/6/2018 12:58:36 Type: Unk
Method: P4-ICP2(v2552) 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	.00424	.00098	.00264	-.00282	-.00413	.01428	.02386	.00006
Stddev	.00273	.00086	.00040	.00005	.00127	.01143	.00091	.00008
%RSD	64.487	87.503	15.056	1.6925	30.741	80.049	3.7966	133.75
#1	.00617	.00038	.00292	-.00286	-.00324	.00620	.02450	.00000
#2	.00231	.00159	.00236	-.00279	-.00503	.02237	.02321	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	68.292	-.00065	-.00032	.00113	.00406	.00346	120.85
Stddev	.00014	1.635	.00007	.00005	.00011	.00474	.00001	2.66
%RSD	70.103	2.3938	10.612	14.498	9.3293	116.60	.35340	2.2019
#1	-.00010	69.448	-.00070	-.00029	.00120	.00742	.00347	122.73
#2	-.00029	67.136	-.00060	-.00035	.00105	.00071	.00345	118.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	.00011	876.95	.00110	.00197	41.235	.00123	.43881
Stddev	.00020	.00033	.44	.00001	.00013	1.039	.00002	.00460
%RSD	28.962	311.74	.05001	.92764	6.5898	2.5205	1.6239	1.0486
#1	-.00082	.00034	876.64	.00110	.00188	41.970	.00121	.43556
#2	-.00054	-.00013	877.26	.00111	.00206	40.500	.00124	.44206
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.396	1.7148	-.03297	-.00072	.00225	.0749	.81924	5.4318
Stddev	1.625	.0347	.00077	.00009	.00114	.0048	.01895	.7971
%RSD	1.7782	2.0235	2.3319	12.055	50.735	6.447	2.3128	14.675
#1	92.545	1.7393	-.03352	-.00066	.00306	.0783	.83264	4.8682
#2	90.247	1.6902	-.03243	-.00078	.00145	.0715	.80584	5.9955

Sample Name: J5731-13 Acquired: 11/6/2018 12:58:36 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4060
Stddev .2690
%RSD 7.8986

#1 3.2158
#2 3.5962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.0	42533.	3597.2	95.092	3316.5
Stddev	31.9	1491.	77.6	1.669	49.8
%RSD	.97824	3.5064	2.1573	1.7549	1.5021

#1	3241.4	43588.	3542.3	96.272	3281.3
#2	3286.6	41479.	3652.1	93.912	3351.7

Sample Name: J5731-14 Acquired: 11/6/2018 13:02:44 Type: Unk
Method: P4-ICP2(v2552) 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	.00434	-.00070	.00130	-.00068	-.00262	.01186	.02243	.00003
Stddev	.00123	.00054	.00052	.00159	.00149	.00329	.00016	.00007
%RSD	28.360	76.782	40.448	233.93	56.875	27.782	.70760	269.50
#1	.00347	-.00032	.00167	.00044	-.00367	.01419	.02231	-.00003
#2	.00521	-.00109	.00093	-.00180	-.00157	.00953	.02254	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	59.764	-.00053	-.00058	.00113	.00091	.00316	97.081
Stddev	.00002	1.837	.00032	.00029	.00026	.00042	.00008	2.152
%RSD	28.184	3.0745	59.666	49.213	22.645	45.763	2.6544	2.2162
#1	-.00006	61.063	-.00076	-.00079	.00132	.00061	.00322	98.603
#2	-.00009	58.465	-.00031	-.00038	.00095	.00120	.00310	95.560
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	.00009	715.33	.00077	-.00003	33.105	.00108	.34843
Stddev	.00028	.00029	15.69	.00020	.00003	.488	.00013	.00794
%RSD	18.273	332.18	2.1929	26.078	93.626	1.4737	11.865	2.2789
#1	-.00135	.00029	726.42	.00091	-.00005	33.450	.00099	.35404
#2	-.00175	-.00012	704.24	.00063	-.00001	32.760	.00117	.34281
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 76.821	1.6817	-.02755	.00131	-.00057	.0698	.67513	5.0144
Stddev	.932	.0204	.00046	.00014	.00131	.0003	.01251	.2220
%RSD	1.2133	1.2120	1.6671	11.035	231.05	.4677	1.8529	4.4275
#1	76.162	1.6961	-.02788	.00142	.00036	.0695	.68397	5.1714
#2	77.480	1.6673	-.02723	.00121	-.00150	.0700	.66628	4.8574

Sample Name: J5731-14 Acquired: 11/6/2018 13:02:44 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0839
Stddev	.0744
%RSD	2.4133

#1	3.1365
#2	3.0312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.7	43518.	3730.7	100.98	3319.8
Stddev	37.3	708.	61.0	1.05	37.4
%RSD	1.1494	1.6260	1.6342	1.0448	1.1265

#1	3275.1	43018.	3687.5	100.23	3346.2
#2	3222.3	44018.	3773.8	101.73	3293.3

Sample Name: J5794-04 Acquired: 11/6/2018 13:06:52 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12B-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	-.00245	.02431	.00048	.00031	.08564	.12210	.00003
Stddev	.00009	.00004	.00019	.00090	.00053	.00016	.00034	.00000
%RSD	11.598	1.7996	.76524	186.46	169.02	.19088	.27583	5.5308

#1	-.00074	-.00248	.02418	.00111	.00069	.08553	.12186	.00003
#2	-.00087	-.00242	.02444	-.00015	-.00006	.08576	.12233	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	7.8431	-.00001	.00948	.00407	.04510	.99781	1.5108
Stddev	.00003	.0476	.00017	.00005	.00029	.00536	.00228	.0089
%RSD	146.69	.60678	3141.4	.52224	7.2090	11.877	.22810	.59151

#1	.00004	7.8094	.00011	.00951	.00428	.04889	.99620	1.5171
#2	-.00000	7.8767	-.00012	.00944	.00386	.04132	.99942	1.5045

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00498	.00007	297.22	.00012	.02278	2.2286	.00010	.02118
Stddev	.00054	.00083	4.35	.00014	.00004	.2018	.00023	.00413
%RSD	10.832	1142.3	1.4624	112.67	.18141	9.0540	224.63	19.485

#1	.00536	.00066	294.15	.00002	.02281	2.3713	.00026	.02410
#2	.00460	-.00052	300.30	.00022	.02275	2.0859	-.00006	.01826

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18107	.30438	.00133	.00333	.00726	.0050	.03511	3.8172
Stddev	.01163	.00201	.00040	.00151	.00060	.0013	.00017	.2295
%RSD	6.4217	.66046	30.027	45.460	8.3288	25.95	.47847	6.0127

#1	.18929	.30296	.00105	.00226	.00683	.0041	.03499	3.9795
#2	.17285	.30580	.00162	.00440	.00769	.0059	.03523	3.6549

Sample Name: J5794-04 Acquired: 11/6/2018 13:06:52 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12B-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7700
 Stddev .1993
 %RSD 11.260

#1 1.6291
 #2 1.9109

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.9	43280.	3674.9	98.542	3528.2
Stddev	22.1	48.	18.0	.189	11.3
%RSD	.66606	.11167	.49014	.19135	.31929

#1	3295.3	43246.	3687.6	98.675	3536.1
#2	3326.5	43314.	3662.1	98.408	3520.2

Sample Name: J5794-08 Acquired: 11/6/2018 13:11:01 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	-.00331	.01078	.00194	-.00212	.04932	.64721	.00005
Stddev	.00020	.00065	.00024	.00109	.00115	.00285	.00260	.00006
%RSD	9.9049	19.616	2.1970	56.322	54.228	5.7690	.40220	122.38

#1	.00192	-.00285	.01095	.00271	-.00131	.05133	.64905	.00001
#2	.00221	-.00376	.01061	.00116	-.00293	.04730	.64537	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	63.940	-.00137	.00234	.00553	.00185	2.5557	13.700
Stddev	.00009	.553	.00014	.00008	.00033	.01170	.0011	.025
%RSD	30.357	.86462	9.9662	3.6022	5.9776	633.85	.04353	.18338

#1	.00034	64.331	-.00147	.00240	.00530	.01012	2.5565	13.718
#2	.00022	63.549	-.00128	.00228	.00576	-.00643	2.5549	13.682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00955	.00032	308.69	.00083	.02859	1.9814	.00001	.01466
Stddev	.00009	.00065	3.86	.00022	.00012	.0377	.00009	.00251
%RSD	.96766	200.84	1.2516	26.699	.42313	1.9010	764.91	17.154

#1	.00961	-.00014	311.42	.00099	.02851	2.0080	.00007	.01644
#2	.00948	.00078	305.96	.00067	.02868	1.9548	-.00005	.01288

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35216	.62673	.00150	.00051	.00146	.0057	.16024	5.1993
Stddev	.00111	.01030	.00060	.00098	.00016	.0015	.00020	.0812
%RSD	.31466	1.6433	40.045	193.81	10.901	26.18	.12707	1.5623

#1	.35295	.63401	.00108	.00120	.00135	.0067	.16039	5.1418
#2	.35138	.61945	.00193	-.00019	.00157	.0046	.16010	5.2567

Sample Name: J5794-08 Acquired: 11/6/2018 13:11:01 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-11-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1809
 Stddev .0124
 %RSD .56977

#1 2.1897
 #2 2.1721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.2	43540.	3705.4	98.281	3497.6
Stddev	.6	72.	40.4	.190	10.0
%RSD	.01923	.16441	1.0916	.19336	.28655

#1	3306.7	43489.	3676.8	98.146	3490.6
#2	3307.6	43591.	3734.0	98.415	3504.7

Sample Name: J5794-12 Acquired: 11/6/2018 13:15:08 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10B-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	-.00238	.00263	.00102	-.00028	.30631	.11319	.00021
Stddev	.00144	.00003	.00132	.00014	.00246	.00654	.00004	.00005
%RSD	101.37	1.1667	50.277	13.928	887.58	2.1353	.03574	21.514

#1	.00244	-.00236	.00356	.00112	.00146	.30168	.11317	.00024
#2	.00040	-.00240	.00169	.00092	-.00202	.31093	.11322	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	7.6730	.00003	.00210	.00871	.01410	.29773	2.0160
Stddev	.00001	.0628	.00027	.00010	.00016	.00162	.00046	.0244
%RSD	7.3145	.81802	952.79	4.7361	1.7809	11.523	.15331	1.2120

#1	.00012	7.6287	-.00016	.00217	.00860	.01295	.29741	1.9987
#2	.00011	7.7174	.00022	.00203	.00882	.01525	.29805	2.0333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00672	-.00010	340.28	.00016	.02036	.91310	.00023	.00563
Stddev	.00033	.00008	1.48	.00023	.00073	.00699	.00015	.00733
%RSD	4.9406	76.087	.43351	144.54	3.6022	.76537	65.437	130.19

#1	.00696	-.00016	339.24	-.00000	.01984	.91804	.00012	.01082
#2	.00649	-.00005	341.33	.00032	.02087	.90815	.00033	.00045

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40063	.18194	.00111	.00198	-.00445	.0011	.02495	3.7072
Stddev	.00310	.00177	.00102	.00286	.00052	.0010	.00008	.0894
%RSD	.77481	.97422	91.907	143.87	11.670	91.55	.33991	2.4107

#1	.39843	.18069	.00039	-.00003	-.00482	.0004	.02501	3.7703
#2	.40282	.18320	.00183	.00400	-.00408	.0018	.02489	3.6440

Sample Name: J5794-12 Acquired: 11/6/2018 13:15:08 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10B-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9233
Stddev	.0250
%RSD	1.2989

#1	1.9410
#2	1.9057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.1	43943.	3717.5	97.675	3554.2
Stddev	7.4	256.	.1	2.923	11.3
%RSD	.21957	.58317	.00259	2.9923	.31865

#1	3344.9	43762.	3717.4	99.742	3546.2
#2	3355.3	44124.	3717.5	95.608	3562.2

Sample Name: J5777-01DLX10 Acquired: 11/6/2018 13:19:17 Type: Unk
Method: P4-ICP2(v2552) 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	.00442	-.00261	1.1948	-.01510	.00114	30.819	.39320
Stddev	.00414	.00041	.0046	.00104	.00252	.126	.00447
%RSD	93.582	15.736	.38355	6.8981	221.53	.40817	1.1366

#1	.00150	-.00290	1.1916	-.01584	.00292	30.731	.39636
#2	.00735	-.00232	1.1981	-.01437	-.00064	30.908	.39004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01383	47.019	F 3.4598	.06802	3.6063	142.58
Stddev	.00011	.00035	.085	.0044	.00033	.0027	1.07
%RSD	453.42	2.5199	.18026	.12812	.48543	.07540	.74874

#1	-.00005	.01359	47.079	3.4567	.06778	3.6083	143.33
#2	.00010	.01408	46.959	3.4630	.06825	3.6044	141.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6436	8.0052	1.6575	-.00135	1.2421	.10077	2.7698
Stddev	.0007	.0952	.0029	.00020	.0065	.00119	.0101
%RSD	.04264	1.1892	.17652	15.127	.52394	1.1797	.36379

#1	1.6431	8.0725	1.6554	-.00150	1.2467	.10161	2.7769
#2	1.6441	7.9379	1.6595	-.00121	1.2375	.09993	2.7627

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8481	.13473	.01098	5.4939	1.2454	.08897	.60365
Stddev	.0315	.00034	.00943	.0270	.0075	.00040	.00655
%RSD	1.7044	.24881	85.850	.49097	.60064	.44720	1.0857

#1	1.8258	.13497	.00431	5.4749	1.2507	.08868	.60828
#2	1.8704	.13449	.01765	5.5130	1.2401	.08925	.59901

Sample Name: J5777-01DLX10 Acquired: 11/6/2018 13:19:17 Type: Unk
Method: P4-ICP2(v2552) 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	.00900	1.112	.04904	<.00000	F<.00000
Stddev	.00008	.005	.00078	.25930	.27752
%RSD	.92499	.4190	1.5916	7.4673	3.7650

#1	.00894	1.108	.04849	-3.6558	-7.1747
#2	.00906	1.115	.04959	-3.2891	-7.5672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.7	46719.	3848.6	98.733	3759.4
Stddev	13.2	.	30.4	.520	2.3
%RSD	.37633	.00055	.79075	.52713	.06075

#1	3495.4	46719.	3827.0	98.365	3761.1
#2	3514.0	46719.	3870.1	99.101	3757.8

Sample Name: CCV03 Acquired: 11/6/2018 13:23:09 Type: Unk
Method: P4-ICP2(v2552) 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	5.0911	4.7668	4.9916	5.0660	5.2963	10.947	10.178	.25180
Stddev	.0000	.0211	.0222	.0078	.0029	.084	.016	.00102
%RSD	.00007	.44378	.44464	.15421	.05563	.76847	.15720	.40668
#1	5.0911	4.7518	4.9759	5.0715	5.2984	10.887	10.190	.25108
#2	5.0911	4.7817	5.0073	5.0605	5.2942	11.006	10.167	.25253
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4001	27.251	.92057	2.4447	1.2674	4.5309	2.5485	23.251
Stddev	.0101	.123	.00001	.0095	.0002	.0395	.0028	.028
%RSD	.42167	.45211	.00117	.38810	.01816	.87228	.10994	.12144
#1	2.3930	27.164	.92057	2.4380	1.2676	4.5029	2.5465	23.271
#2	2.4073	27.338	.92056	2.4514	1.2673	4.5588	2.5504	23.231
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3545	1.1760	22.540	2.3397	2.3339	23.962	4.8894	4.8951
Stddev	.0012	.0013	.057	.0062	.0004	.116	.0089	.0499
%RSD	.05061	.10869	.25459	.26407	.01478	.48212	.18264	1.0192
#1	2.3536	1.1769	22.499	2.3441	2.3336	23.880	4.8957	4.8598
#2	2.3553	1.1751	22.581	2.3354	2.3341	24.043	4.8831	4.9303
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6684	4.7004	F 4.4828	4.9140	4.9995	4.731	4.8518	4.5334
Stddev	.0178	.0122	.0089	.0102	.0026	.021	.0034	.1772
%RSD	.38125	.26026	.19913	.20718	.05203	.4475	.07066	3.9098
#1	4.6558	4.6917	4.4765	4.9068	4.9977	4.716	4.8493	4.6588
#2	4.6810	4.7090	4.4891	4.9212	5.0013	4.746	4.8542	4.4081

Sample Name: CCV03 Acquired: 11/6/2018 13:23:09 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3228
Stddev .2314
%RSD 9.9626

#1 2.4865
#2 2.1592

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.7	44930.	3686.0	98.076	3644.8
Stddev	9.2	20.	5.9	.146	5.3
%RSD	.26979	.04493	.15883	.14918	.14549

#1	3411.2	44916.	3681.9	97.972	3648.6
#2	3424.2	44945.	3690.2	98.179	3641.1

Sample Name: CCB03 Acquired: 11/6/2018 13:26:53 Type: Unk
Method: P4-ICP2(v2552) 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	-.00055	.00020	-.00077	-.00357	-.00068	.01661	.00060
Stddev	.00130	.00070	.00016	.00338	.00145	.00271	.00027
%RSD	238.87	349.70	20.121	94.878	213.43	16.333	44.834

#1	.00038	.00070	-.00066	-.00117	.00035	.01853	.00079
#2	-.00147	-.00030	-.00089	-.00596	-.00171	.01469	.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00002	-.00922	-.00047	-.00017	.00014	.01900
Stddev	.00006	.00006	.00931	.00028	.00004	.00024	.00260
%RSD	78.405	338.80	101.00	59.348	25.284	175.38	13.661

#1	.00004	.00006	-.00264	-.00027	-.00014	-.00003	.02084
#2	.00013	-.00002	-.01581	-.00067	-.00020	.00031	.01717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.04505	.00105	.00019	-.39852	.00001	-.00064
Stddev	.00008	.02392	.00015	.00040	.00314	.00014	.00008
%RSD	96.036	53.108	14.551	204.97	.78731	1367.7	11.737

#1	-.00003	-.02813	.00095	-.00009	-.40074	.00011	-.00069
#2	-.00013	-.06197	.00116	.00048	-.39630	-.00009	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04703	.00016	.00402	F .00618	.00552	-.00009	.00152
Stddev	.00865	.00004	.00624	.00037	.00142	.00059	.00041
%RSD	18.390	23.614	155.34	5.9799	25.805	684.96	26.771

#1	.05314	.00013	-.00040	.00644	.00451	.00033	.00123
#2	.04091	.00019	.00843	.00592	.00652	-.00051	.00181

Sample Name: CCB03 Acquired: 11/6/2018 13:26:53 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01146	-.0013	.00019	F 2.9135	F .62402
Stddev	.00092	.0009	.00008	.0451	.07698
%RSD	8.0183	74.74	41.696	1.5474	12.337

#1	-.01211	-.0019	.00024	2.8816	.67846
#2	-.01081	-.0006	.00013	2.9454	.56959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.8	46660.	3682.0	100.58	4068.2
Stddev	16.1	106.	9.8	.16	15.7
%RSD	.45493	.22710	.26737	.16405	.38657

#1	3524.4	46585.	3675.1	100.69	4057.1
#2	3547.2	46735.	3689.0	100.46	4079.3

Sample Name: PB114486BL Acquired: 11/6/2018 13:30:58 Type: Unk
Method: P4-ICP2(v2552) 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	.00008	.00008	-.00035	-.00260	-.00069	.00469	.00067
Stddev	.00033	.00113	.00039	.00043	.00079	.00033	.00021
%RSD	404.85	1398.3	112.12	16.553	113.65	7.0420	31.089

#1	-.00015	.00088	-.00062	-.00291	-.00125	.00445	.00081
#2	.00032	-.00072	-.00007	-.00230	-.00014	.00492	.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.00013	-.00036	-.00003	-.00022	.00653
Stddev	.00000	.00000	.00351	.00063	.00013	.00010	.01445
%RSD	14.866	2.9955	2658.5	171.97	464.28	46.001	221.30

#1	.00002	.00004	.00262	-.00081	-.00012	-.00015	.01674
#2	.00001	.00004	-.00235	.00008	.00006	-.00029	-.00369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.03967	.00111	.00005	-.45036	.00009	-.00061
Stddev	.00003	.00287	.00020	.00050	.00962	.00001	.00007
%RSD	136.70	7.2421	17.966	1006.6	2.1369	12.856	11.420

#1	-.00004	-.04170	.00125	-.00030	-.44355	.00009	-.00066
#2	-.00000	-.03764	.00097	.00040	-.45716	.00008	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03460	-.00008	-.00550	F .00567	.00186	-.00037	.00347
Stddev	.00321	.00001	.00737	.00231	.00101	.00028	.00004
%RSD	9.2865	9.4534	134.09	40.798	54.484	75.682	1.2107

#1	.03688	-.00008	-.01071	.00730	.00258	-.00017	.00350
#2	.03233	-.00009	-.00028	.00403	.00114	-.00056	.00344

Sample Name: PB114486BL Acquired: 11/6/2018 13:30:58 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01192	-.0020	.00020	F 2.8014	F .62701
Stddev	.00079	.0003	.00010	.0195	.10895
%RSD	6.6167	16.36	51.197	.69529	17.377

#1	-.01136	-.0022	.00013	2.8152	.70405
#2	-.01247	-.0017	.00027	2.7877	.54997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.5	46541.	3699.8	100.73	4055.9
Stddev	2.3	46.	9.2	1.19	6.1
%RSD	.06465	.09908	.24759	1.1817	.15092

#1	3519.9	46508.	3693.4	101.57	4051.6
#2	3523.1	46573.	3706.3	99.883	4060.3

Sample Name: PB114486BS Acquired: 11/6/2018 13:35:03 Type: Unk
Method: P4-ICP2(v2552) 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	.80188	1.9042	.98006	1.9864	.83908	2.1440	.21878
Stddev	.00410	.0083	.00340	.0095	.00187	.0037	.00044
%RSD	.51104	.43868	.34650	.47841	.22272	.17335	.20121

#1	.80477	1.9101	.98246	1.9931	.83776	2.1413	.21909
#2	.79898	1.8983	.97765	1.9797	.84041	2.1466	.21846

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19570	.18539	1.1309	.38113	.19554	.31752	2.8580
Stddev	.00004	.00057	.0352	.00005	.00103	.00091	.0169
%RSD	.01798	.30675	3.1103	.01404	.52645	.28754	.59042

#1	.19568	.18579	1.1060	.38117	.19627	.31688	2.8461
#2	.19573	.18499	1.1557	.38110	.19481	.31817	2.8699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21655	1.9961	.47051	.06798	2.5389	.28729	.18915
Stddev	.00004	.0371	.00221	.00022	.0097	.00052	.00169
%RSD	.01870	1.8606	.46876	.32980	.38086	.18087	.89510

#1	.21652	2.0224	.47207	.06814	2.5320	.28766	.18796
#2	.21658	1.9699	.46895	.06782	2.5457	.28692	.19035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9007	.40884	.29684	F .00958	.88067	.61581	.20409
Stddev	.0150	.00058	.00537	.00416	.01096	.00052	.00023
%RSD	.15177	.14163	1.8080	43.432	1.2440	.08400	.11375

#1	9.9114	.40843	.29305	.01253	.87292	.61545	.20392
#2	9.8901	.40925	.30064	.00664	.88842	.61618	.20425

Sample Name: PB114486BS Acquired: 11/6/2018 13:35:03 Type: Unk
 Method: P4-ICP2(v2552) 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	.20557	5.231	.20103	F 2.4139	F<.00000
Stddev	.00147	.016	.00011	.0593	.21735
%RSD	.71266	.3023	.05546	2.4556	154.47

#1	.20661	5.243	.20095	2.3720	.01298
#2	.20454	5.220	.20111	2.4558	-.29439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.8	46932.	3719.0	100.68	4005.7
Stddev	17.7	46.	.7	.29	39.7
%RSD	.50121	.09900	.01901	.29263	.99200

#1	3509.4	46899.	3719.5	100.89	3977.6
#2	3534.3	46965.	3718.5	100.48	4033.8

Sample Name: PB114522BL Acquired: 11/6/2018 13:38:54 Type: Unk
Method: P4-ICP2(v2552) 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	.00178	.00079	-.00064	-.00332	.00022	-.00957	.00083	-.00002
Stddev	.00048	.00054	.00129	.00220	.00085	.00107	.00081	.00003
%RSD	26.938	68.327	203.43	66.294	383.57	11.145	97.606	153.77
#1	.00144	.00041	.00028	-.00488	.00082	-.00881	.00140	-.00004
#2	.00212	.00118	-.00155	-.00177	-.00038	-.01032	.00026	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01121	-.00025	.00017	-.00001	.00729	-.00005	.03802
Stddev	.00003	.00329	.00006	.00015	.00012	.00466	.00001	.01533
%RSD	116.52	29.341	23.536	90.085	1042.0	63.877	16.101	40.312
#1	.00004	.01354	-.00029	.00006	-.00010	.01059	-.00005	.02718
#2	.00000	.00889	-.00021	.00028	.00007	.00400	-.00004	.04886
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00011	-.48209	-.00009	-.00076	.03534	-.00005	-.00056
Stddev	.00028	.00045	.00099	.00054	.00004	.00502	.00020	.00975
%RSD	19.704	400.83	.20624	631.61	4.6730	14.220	408.75	1747.1
#1	.00161	.00021	-.48279	-.00047	-.00079	.03178	-.00019	-.00745
#2	.00121	-.00043	-.48138	.00030	-.00074	.03889	.00009	.00634
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	.00303	-.00039	.00303	-.00659	-.0019	.00007	F 2.8695
Stddev	.00186	.00184	.00073	.00196	.00066	.0020	.00002	.0764
%RSD	61.491	60.567	189.34	64.830	9.9522	103.8	23.062	2.6606
#1	.00433	.00173	.00013	.00441	-.00612	-.0033	.00006	2.8155
#2	.00171	.00433	-.00090	.00164	-.00705	-.0005	.00008	2.9235

Sample Name: PB114522BL Acquired: 11/6/2018 13:38:54 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .78536
Stddev	.32725
%RSD	41.669

#1	1.0168
#2	.55396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.9	46679.	3715.8	101.33	4062.4
Stddev	5.5	61.	60.6	4.88	5.0
%RSD	.15486	.13103	1.6306	4.8152	.12264

#1	3527.1	46635.	3673.0	97.875	4058.9
#2	3534.8	46722.	3758.6	104.78	4065.9

Sample Name: PB114522BS Acquired: 11/6/2018 13:42:59 Type: Unk
Method: P4-ICP2(v2552) 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	.80302	1.9099	.98232	1.9930	.84490	2.1934	.22156
Stddev	.00683	.0120	.00645	.0207	.00519	.0183	.00123
%RSD	.85105	.62960	.65677	1.0404	.61398	.83378	.55741

#1	.80785	1.9184	.98688	2.0076	.84857	2.1805	.22243
#2	.79819	1.9014	.97776	1.9783	.84124	2.2063	.22068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19425	.18631	1.1969	.38876	.19761	.32004	2.9015
Stddev	.00004	.00126	.0319	.00160	.00134	.00205	.0111
%RSD	.01870	.67736	2.6611	.41055	.67928	.63944	.38410

#1	.19427	.18721	1.2194	.38763	.19856	.32149	2.8936
#2	.19422	.18542	1.1744	.38989	.19667	.31860	2.9094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22281	1.9715	.47619	.06710	2.5888	.29611	.19118
Stddev	.00023	.0665	.00404	.00016	.0160	.00055	.00100
%RSD	.10164	3.3746	.84740	.23334	.61819	.18540	.52356

#1	.22297	1.9244	.47904	.06721	2.6001	.29573	.19188
#2	.22265	2.0185	.47333	.06699	2.5775	.29650	.19047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.078	.42116	.30294	F .01888	.89883	.61719	.20988
Stddev	.053	.00359	.00638	.00181	.00569	.00628	.00322
%RSD	.52416	.85237	2.1065	9.5631	.63337	1.0181	1.5324

#1	10.116	.42370	.29843	.01760	.89480	.62163	.20761
#2	10.041	.41862	.30745	.02016	.90285	.61274	.21215

Sample Name: PB114522BS Acquired: 11/6/2018 13:42:59 Type: Unk
 Method: P4-ICP2(v2552) 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	.21177	5.215	.20458	F 2.6178	F<.00000
Stddev	.00017	.023	.00107	.5009	.11496
%RSD	.08150	.4434	.52153	19.134	108.65

#1	.21190	5.232	.20534	2.2636	-.18709
#2	.21165	5.199	.20383	2.9720	-.02452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.2	46975.	3737.3	101.01	4026.7
Stddev	21.0	63.	35.0	.55	21.1
%RSD	.59431	.13487	.93742	.54837	.52363

#1	3511.4	46931.	3712.5	100.62	4011.8
#2	3541.0	47020.	3762.0	101.40	4041.6

Sample Name: PB114522TB Acquired: 11/6/2018 13:46:50 Type: Unk
Method: P4-ICP2(v2552) 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	-.00071	-.00165	-.00074	-.00044	-.00172	.01156	.00063	-.00006
Stddev	.00129	.00138	.00066	.00093	.00037	.00507	.00061	.00001
%RSD	181.08	84.009	88.500	213.42	21.642	43.908	97.549	21.856
#1	.00020	-.00263	-.00028	-.00110	-.00199	.01515	.00106	-.00006
#2	-.00162	-.00067	-.00121	.00022	-.00146	.00797	.00020	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00229	.00049	-.00028	-.00009	.00773	.00004	-.01682
Stddev	.00003	.00683	.00002	.00017	.00001	.00720	.00002	.07370
%RSD	154.50	297.84	4.3407	62.393	12.003	93.038	44.272	438.11
#1	-.00005	-.00712	.00050	-.00016	-.00010	.01282	.00003	-.06894
#2	.00000	.00254	.00047	-.00040	-.00008	.00265	.00006	.03529
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	.00173	F 304.57	.00017	.00026	.16352	-.00006	-.00667
Stddev	.00016	.00011	5.06	.00027	.00007	.00799	.00010	.00113
%RSD	5.4387	6.3259	1.6598	161.81	27.319	4.8849	183.16	16.938
#1	.00283	.00181	308.15	.00036	.00021	.15787	.00002	-.00587
#2	.00306	.00165	301.00	-.00002	.00031	.16917	-.00013	-.00747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	.00968	.00037	.00233	-.00505	-.0026	.00011	F 3.6280
Stddev	.00047	.00310	.00026	.00200	.00242	.0003	.00008	.2045
%RSD	6.4427	32.023	69.413	85.966	48.050	12.62	72.797	5.6368
#1	.00690	.01187	.00055	.00374	-.00676	-.0028	.00017	3.4833
#2	.00756	.00749	.00019	.00091	-.00333	-.0024	.00005	3.7726

Sample Name: PB114522TB Acquired: 11/6/2018 13:46:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6441
Stddev .1253
%RSD 7.6215

#1 1.7327
#2 1.5555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.4	44044.	3698.1	99.354	3636.4
Stddev	2.1	88.	49.2	1.314	.2
%RSD	.06170	.19941	1.3295	1.3226	.00518

#1	3384.9	43982.	3663.3	98.425	3636.2
#2	3381.9	44106.	3732.9	100.28	3636.5

Sample Name: PB114504BL Acquired: 11/6/2018 13:52:03 Type: Unk
Method: P4-ICP2(v2552) 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	.00216	.00103	-.00089	-.00364	.00082	-.00610	.00152	-.00002
Stddev	.00258	.00047	.00053	.00208	.00170	.01684	.00005	.00001
%RSD	119.49	45.429	59.038	56.974	206.67	276.14	3.2950	60.655
#1	.00398	.00137	-.00052	-.00511	.00202	-.01801	.00155	-.00001
#2	.00033	.00070	-.00126	-.00218	-.00038	.00581	.00148	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01772	.00008	.00003	-.00005	.00388	-.00001	-.02421
Stddev	.00002	.00041	.00036	.00006	.00039	.00715	.00003	.01158
%RSD	37.331	2.3177	433.15	169.09	820.24	184.07	537.51	47.820
#1	.00008	.01743	-.00017	-.00001	-.00033	.00894	-.00003	-.03240
#2	.00004	.01801	.00034	.00007	.00023	-.00117	.00002	-.01603
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00024	-.44235	.00012	-.00073	.02915	-.00003	-.00268
Stddev	.00018	.00005	.00129	.00016	.00008	.00444	.00017	.00296
%RSD	14.625	22.706	.29051	125.85	10.541	15.237	570.90	110.64
#1	.00133	.00028	-.44326	.00001	-.00079	.02601	-.00015	-.00477
#2	.00108	.00020	-.44144	.00023	-.00068	.03229	.00009	-.00058
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00223	-.00010	.00163	-.00938	-.0023	.00008	F 2.6772
Stddev	.00276	.00271	.00049	.00152	.00242	.0002	.00004	.2943
%RSD	183.52	121.95	485.54	92.793	25.834	8.744	43.539	10.992
#1	-.00045	.00414	.00024	.00056	-.00767	-.0022	.00006	2.4691
#2	.00345	.00031	-.00044	.00270	-.01109	-.0025	.00011	2.8853

Sample Name: PB114504BL Acquired: 11/6/2018 13:52:03 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1099
Stddev .0500
%RSD 4.5024

#1 1.0746
#2 1.1452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.8	46527.	3668.3	101.83	4071.3
Stddev	.7	149.	34.4	.29	9.9
%RSD	.01971	.32127	.93795	.28935	.24240

#1	3525.3	46421.	3644.0	101.62	4064.3
#2	3526.3	46633.	3692.7	102.03	4078.3

Sample Name: PB114504BS Acquired: 11/6/2018 13:56:07 Type: Unk
Method: P4-ICP2(v2552) 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	.80121	1.9021	.97959	1.9816	.83927	2.1805	.22302
Stddev	.00476	.0032	.00266	.0018	.00591	.0118	.00002
%RSD	.59386	.16969	.27201	.09045	.70393	.54336	.00903

#1	.79785	1.8999	.97771	1.9828	.83509	2.1721	.22303
#2	.80458	1.9044	.98147	1.9803	.84344	2.1888	.22300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19363	.18587	1.1527	.38745	.19715	.31803	2.8916
Stddev	.00010	.00034	.0158	.00060	.00018	.00078	.0630
%RSD	.05116	.18274	1.3673	.15475	.09110	.24644	2.1783

#1	.19370	.18563	1.1416	.38788	.19703	.31748	2.8471
#2	.19356	.18611	1.1639	.38703	.19728	.31858	2.9362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22219	1.9466	.47402	.06645	2.5500	.29429	.19017
Stddev	.00042	.0070	.00014	.00021	.0158	.00063	.00392
%RSD	.18953	.35915	.03006	.31141	.62134	.21395	2.0609

#1	.22190	1.9516	.47412	.06630	2.5388	.29473	.18740
#2	.22249	1.9417	.47392	.06659	2.5612	.29384	.19294

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.085	.41906	.30749	F .02066	.89421	.61496	.20870
Stddev	.002	.00288	.01117	.00041	.00649	.00054	.00039
%RSD	.02138	.68664	3.6320	1.9680	.72600	.08813	.18711

#1	10.084	.41703	.29959	.02095	.88962	.61458	.20843
#2	10.087	.42110	.31538	.02037	.89880	.61535	.20898

Sample Name: PB114504BS Acquired: 11/6/2018 13:56:07 Type: Unk
Method: P4-ICP2(v2552) 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	.20973	5.204	.20526	F 2.4850	F<.00000
Stddev	.00148	.009	.00058	.2817	.06853
%RSD	.70458	.1810	.28263	11.336	16.969

#1	.20869	5.197	.20485	2.6841	-.45227
#2	.21078	5.210	.20567	2.2858	-.35537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.2	47130.	3714.8	100.98	4012.7
Stddev	4.5	72.	7.9	1.69	7.0
%RSD	.12907	.15330	.21328	1.6689	.17524

#1	3526.5	47078.	3720.4	102.18	4007.7
#2	3520.0	47181.	3709.2	99.792	4017.6

Sample Name: J5777-01DL2X30 Acquired: 11/6/2018 13:59:57 Type: Unk
Method: P4-ICP2(v2552) 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	.00336	-.00018	.39879	-.00458	.00044	10.111	.13572	-.00014
Stddev	.00029	.00025	.00089	.00068	.00316	.026	.00016	.00003
%RSD	8.7523	137.17	.22418	14.852	719.49	.25658	.12043	21.158

#1	.00357	-.00036	.39942	-.00506	.00267	10.129	.13584	-.00012
#2	.00315	-.00001	.39816	-.00410	-.00179	10.093	.13561	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	15.780	1.1869	.02264	1.2589	48.039	.56981	2.6954
Stddev	.00012	.180	.0026	.00024	.0059	1.026	.00143	.0243
%RSD	2.6184	1.1390	.21978	1.0749	.47149	2.1365	.25063	.90105

#1	.00454	15.907	1.1850	.02247	1.2631	47.313	.56880	2.6782
#2	.00437	15.653	1.1887	.02281	1.2547	48.764	.57082	2.7125

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55888	-.00041	-.06410	.03458	.94499	.63228	.04586	-.00247
Stddev	.00088	.00021	.00420	.00072	.01462	.03949	.00005	.00554
%RSD	.15781	51.832	6.5578	2.0874	1.5476	6.2465	.11773	224.35

#1	.55950	-.00056	-.06113	.03407	.93465	.60435	.04590	-.00639
#2	.55826	-.00026	-.06707	.03509	.95533	.66020	.04582	.00145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8022	.43834	.02941	.20432	-.00307	.3652	.01719	.81398
Stddev	.0006	.00112	.00065	.00270	.00028	.0007	.00117	.04702
%RSD	.03183	.25522	2.2226	1.3216	8.9732	.1869	6.7883	5.7766

#1	1.8018	.43754	.02895	.20241	-.00327	.3647	.01802	.84722
#2	1.8026	.43913	.02987	.20623	-.00288	.3657	.01637	.78073

Sample Name: J5777-01DL2X30 Acquired: 11/6/2018 13:59:57 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6471
 Stddev .3966
 %RSD 8.5333

#1 4.3667
 #2 4.9275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.6	46654.	3753.5	99.746	3920.4
Stddev	6.2	53.	8.1	1.418	13.3
%RSD	.17692	.11443	.21500	1.4215	.34010

#1	3524.2	46616.	3747.8	100.75	3911.0
#2	3533.0	46692.	3759.2	98.743	3929.8

Sample Name: J5764-01 Acquired: 11/6/2018 14:03:52 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03229	-.01196	1.7758	-.01362	.00914	130.35	1.7095
Stddev	.00191	.00069	.0013	.00274	.00088	.10	.0042
%RSD	5.9183	5.7776	.07301	20.152	9.6373	.07955	.24265

#1	.03364	-.01148	1.7749	-.01556	.00976	130.43	1.7066
#2	.03094	-.01245	1.7767	-.01168	.00851	130.28	1.7124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	.00088	83.246	.25753	.11982	.38723	270.28
Stddev	.00014	.00007	.199	.00009	.00040	.00148	.27
%RSD	3.4212	7.8170	.23883	.03523	.33286	.38291	.09887

#1	.00389	.00093	83.106	.25746	.11954	.38618	270.47
#2	.00409	.00083	83.387	.25759	.12010	.38827	270.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1156	49.696	.24211	.00304	4.9051	.45328	1.8104
Stddev	.0023	.275	.00006	.00087	.0326	.00135	.0023
%RSD	.05671	.55361	.02431	28.763	.66354	.29878	.12808

#1	4.1172	49.501	.24207	.00366	4.8821	.45232	1.8088
#2	4.1139	49.890	.24216	.00242	4.9281	.45424	1.8121

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.314	.00685	.02407	F 10.562	2.1597	.13750	7.1105
Stddev	.244	.00040	.00347	.005	.0211	.00023	.0118
%RSD	.67091	5.8960	14.430	.04343	.97921	.17042	.16620

#1	36.142	.00714	.02652	10.565	2.1447	.13767	7.1022
#2	36.486	.00656	.02161	10.559	2.1746	.13734	7.1189

Sample Name: J5764-01 Acquired: 11/6/2018 14:03:52 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19985	7.280	.08942	<.00000	F<.00000
Stddev	.00089	.020	.00137	.02532	.73716
%RSD	.44690	.2700	1.5370	.28361	1.8227

#1	.19922	7.266	.08845	-8.9112	-39.921
#2	.20048	7.294	.09039	-8.9470	-40.964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3898.9	51567.	4337.2	96.096	3507.0
Stddev	10.6	94.	12.7	.136	3.2
%RSD	.27122	.18268	.29272	.14142	.09133

#1	3891.5	51500.	4346.2	96.000	3509.2
#2	3906.4	51634.	4328.2	96.192	3504.7

Sample Name: J5764-01DUP Acquired: 11/6/2018 14:07:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03134	-.01163	1.7871	-.01345	.00931	130.49	1.7038
Stddev	.00051	.00067	.0030	.00217	.00020	.72	.0113
%RSD	1.6426	5.7750	.16784	16.171	2.1114	.55178	.66211

#1	.03170	-.01210	1.7892	-.01499	.00918	131.00	1.7118
#2	.03097	-.01115	1.7850	-.01191	.00945	129.98	1.6959

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	.00034	83.101	.25939	.12108	.38335	276.47
Stddev	.00005	.00031	.593	.00095	.00002	.00351	1.59
%RSD	1.2211	90.947	.71387	.36580	.01464	.91579	.57587

#1	.00424	.00056	83.521	.26006	.12106	.38584	275.35
#2	.00431	.00012	82.682	.25872	.12109	.38087	277.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1364	49.425	.24344	.00287	4.8979	.45812	1.8469
Stddev	.0031	.284	.00044	.00018	.0423	.00003	.0192
%RSD	.07558	.57404	.18180	6.2982	.86327	.00563	1.0404

#1	4.1342	49.626	.24375	.00274	4.9277	.45811	1.8333
#2	4.1387	49.224	.24312	.00299	4.8680	.45814	1.8605

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.154	.00682	.02291	F 10.733	2.1915	.13957	7.1114
Stddev	.072	.00013	.00108	.051	.0117	.00042	.0398
%RSD	.19821	1.8599	4.7127	.47099	.53329	.30026	.55894

#1	36.204	.00673	.02367	10.769	2.1997	.13986	7.1395
#2	36.103	.00691	.02215	10.698	2.1832	.13927	7.0832

Sample Name: J5764-01DUP Acquired: 11/6/2018 14:07:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20244	7.352	.08277	<.00000	F<.00000
Stddev	.00240	.041	.00436	.06418	.00497
%RSD	1.1851	.5507	5.2691	.70237	.01239

#1	.20075	7.380	.08585	-9.0919	-40.096
#2	.20414	7.323	.07968	-9.1827	-40.103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.8	51328.	4339.7	94.005	3464.3
Stddev	7.9	83.	3.0	.936	17.6
%RSD	.20341	.16099	.06972	.99569	.50752

#1	3861.3	51269.	4337.5	94.667	3451.9
#2	3872.4	51386.	4341.8	93.343	3476.8

Sample Name: CCV04 Acquired: 11/6/2018 14:11:43 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14128 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1222	4.7807	4.9754	5.1065	5.3174	10.631	10.218	.25199
Stddev	.0016	.0026	.0036	.0004	.0043	.129	.002	.00101
%RSD	.03041	.05478	.07202	.00775	.08182	1.2097	.01607	.40027
#1	5.1233	4.7826	4.9729	5.1068	5.3143	10.540	10.217	.25128
#2	5.1211	4.7789	4.9779	5.1062	5.3205	10.722	10.219	.25271
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3870	25.914	.91448	2.4344	1.2733	4.5505	2.5414	22.988
Stddev	.0005	.237	.00029	.0024	.0012	.0854	.0098	.080
%RSD	.02123	.91636	.03158	.09843	.09222	1.8762	.38587	.34965
#1	2.3873	25.746	.91468	2.4361	1.2741	4.4902	2.5345	22.932
#2	2.3866	26.082	.91427	2.4327	1.2724	4.6109	2.5483	23.045
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3454	1.1764	22.945	2.3325	2.3596	23.815	4.9136	4.8661
Stddev	.0018	.0023	.031	.0033	.0355	.016	.0033	.0021
%RSD	.07817	.19468	.13338	.14042	1.5052	.06868	.06651	.04268
#1	2.3467	1.1780	22.923	2.3302	2.3345	23.803	4.9113	4.8646
#2	2.3441	1.1748	22.967	2.3348	2.3847	23.827	4.9159	4.8675
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6843	4.6629	F 4.4565	4.8609	5.0297	4.756	4.8259	F 4.3515
Stddev	.0212	.0400	.0050	.0293	.0158	.001	.0023	.1522
%RSD	.45287	.85863	.11241	.60281	.31358	.0121	.04674	3.4978
#1	4.6993	4.6346	4.4601	4.8402	5.0185	4.756	4.8243	4.2439
#2	4.6693	4.6912	4.4530	4.8817	5.0408	4.757	4.8275	4.4591

Sample Name: CCV04 Acquired: 11/6/2018 14:11:43 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14128 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1424
 Stddev .0461
 %RSD 2.1496

#1 2.1099
 #2 2.1750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.5	44743.	3700.4	96.644	3638.7
Stddev	4.2	82.	10.2	1.332	4.4
%RSD	.12472	.18258	.27623	1.3782	.12170

#1	3384.5	44800.	3693.1	97.586	3635.6
#2	3390.5	44685.	3707.6	95.702	3641.8

Sample Name: CCB04 Acquired: 11/6/2018 14:15:27 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14128 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00049	.00016	-.00191	-.00003	.01347	.00138	-.00005
Stddev	.00222	.00053	.00041	.00010	.00047	.01525	.00087	.00004
%RSD	270.57	107.69	257.15	5.3161	1509.5	113.22	62.994	75.394
#1	-.00239	.00087	.00045	-.00199	.00030	.00269	.00077	-.00002
#2	.00075	.00012	-.00013	-.00184	-.00037	.02425	.00199	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00828	-.00039	.00007	-.00059	.00505	-.00002	-.03470
Stddev	.00009	.00854	.00035	.00004	.00041	.00216	.00004	.00980
%RSD	146.64	103.20	88.012	54.161	69.444	42.773	160.94	28.255
#1	-.00000	.01432	-.00015	.00010	-.00088	.00352	-.00005	-.02777
#2	.00012	.00224	-.00064	.00004	-.00030	.00657	.00000	-.04163
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00017	-.62383	-.00027	-.00077	.02360	.00030	-.00309
Stddev	.00037	.00035	.00178	.00016	.00000	.01712	.00001	.00446
%RSD	29.129	206.15	.28532	59.182	.12504	72.547	3.0960	144.47
#1	.00102	-.00042	-.62257	-.00039	-.00077	.01149	.00031	-.00624
#2	.00155	.00008	-.62509	-.00016	-.00077	.03570	.00029	.00007
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	.00400	-.00017	.00251	-.00772	-.0023	.00015	F 3.0395
Stddev	.00137	.00343	.00035	.00141	.00020	.0011	.00006	.1942
%RSD	46.114	85.637	203.57	56.010	2.5481	48.65	42.786	6.3899
#1	.00395	.00642	.00008	.00351	-.00786	-.0015	.00019	2.9022
#2	.00201	.00158	-.00042	.00152	-.00758	-.0030	.00010	3.1768

Sample Name: CCB04 Acquired: 11/6/2018 14:15:27 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14128 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .78964
Stddev	.34459
%RSD	43.639

#1	.54597
#2	1.0333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.5	46310.	3701.6	99.746	4068.8
Stddev	6.4	3.	18.9	1.809	5.0
%RSD	.18003	.00584	.51066	1.8136	.12400

#1	3526.0	46308.	3688.2	98.467	4065.3
#2	3535.0	46312.	3714.9	101.03	4072.4

Sample Name: J5764-01LX5 Acquired: 11/6/2018 14:19:31 Type: Unk
Method: P4-ICP2(v2552) 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	.00984	-.00162	.35934	-.00805	.00115	28.648	.38952	.00075
Stddev	.00029	.00051	.00272	.00044	.00170	.109	.00231	.00010
%RSD	2.9759	31.337	.75806	5.4124	148.67	.37941	.59272	13.897

#1	.01005	-.00198	.36126	-.00835	.00235	28.724	.39115	.00083
#2	.00964	-.00126	.35741	-.00774	-.00006	28.571	.38789	.00068

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	19.556	.05893	.02335	.09956	54.138	.96831	11.464
Stddev	.00015	.024	.00079	.00013	.00201	.519	.00098	.082
%RSD	46.646	.12156	1.3443	.57118	2.0155	.95900	.10072	.71253

#1	-.00021	19.573	.05949	.02344	.10098	53.771	.96762	11.522
#2	-.00042	19.539	.05837	.02325	.09814	54.505	.96900	11.406

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04827	-.00078	.59307	.10370	.37388	8.1581	.00141	-.01001
Stddev	.00045	.00039	.00002	.00003	.00419	.0207	.00001	.00548
%RSD	.93683	50.747	.00287	.03109	1.1200	.25373	1.0403	54.783

#1	.04859	-.00050	.59306	.10372	.37092	8.1727	.00140	-.00613
#2	.04795	-.00106	.59309	.10367	.37684	8.1435	.00142	-.01389

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0566	.51709	.02787	1.6111	.03759	1.410	.02911	.86718
Stddev	.0152	.00088	.00005	.0118	.00092	.013	.00112	.08475
%RSD	.74018	.16954	.17938	.72916	2.4543	.9347	3.8421	9.7729

#1	2.0674	.51771	.02790	1.6194	.03824	1.420	.02990	.92710
#2	2.0459	.51647	.02783	1.6028	.03694	1.401	.02832	.80725

Sample Name: J5764-01LX5 Acquired: 11/6/2018 14:19:31 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1211
Stddev	.2411
%RSD	7.7236

#1	3.2916
#2	2.9507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.1	47111.	3825.9	98.552	3832.2
Stddev	8.9	137.	14.0	.850	26.3
%RSD	.24835	.29043	.36463	.86290	.68729

#1	3577.8	47014.	3816.0	99.153	3813.6
#2	3590.4	47208.	3835.7	97.951	3850.8

Sample Name: J5764-01MS Acquired: 11/6/2018 14:23:26 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75550	1.9698	3.1193	1.7511	.13877	147.53	2.0295
Stddev	.00083	.0047	.0076	.0001	.00023	.75	.0084
%RSD	.10978	.24057	.24289	.00421	.16717	.50674	.41436

#1	.75609	1.9665	3.1247	1.7511	.13893	148.05	2.0235
#2	.75492	1.9732	3.1140	1.7512	.13860	147.00	2.0354

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19077	.20523	90.229	.59991	.34128	.74099	282.44
Stddev	.00072	.00061	.736	.00358	.00050	.00429	7.04
%RSD	.37689	.29904	.81596	.59597	.14584	.57875	2.4932

#1	.19128	.20566	89.708	.60243	.34163	.74402	277.46
#2	.19026	.20479	90.750	.59738	.34093	.73796	287.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3522	61.099	.77095	.06340	7.8830	.69310	2.3899
Stddev	.0243	.073	.00012	.00116	.0592	.00346	.0549
%RSD	.55835	.12029	.01566	1.8352	.75061	.49941	2.2992

#1	4.3694	61.048	.77104	.06258	7.8411	.69555	2.3510
#2	4.3350	61.151	.77087	.06422	7.9248	.69065	2.4287

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.896	.34961	.24952	9.2179	2.6676	.79405	7.6777
Stddev	.271	.00040	.00412	.0299	.0324	.00266	.0263
%RSD	.59001	.11457	1.6509	.32462	1.2160	.33557	.34308

#1	45.704	.34933	.24661	9.1967	2.6446	.79216	7.6590
#2	46.087	.34989	.25243	9.2390	2.6905	.79593	7.6963

Sample Name: J5764-01MS Acquired: 11/6/2018 14:23:26 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41595	F 13.54	.23874	<.00000	F<.00000
Stddev	.00216	.03	.00510	.19753	.10410
%RSD	.52038	.1977	2.1350	2.2278	.22049

#1	.41442	13.56	.24234	-8.7272	-47.288
#2	.41748	13.52	.23514	-9.0066	-47.141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.6	51072.	4351.8	95.632	3431.4
Stddev	9.2	473.	17.0	2.038	11.7
%RSD	.23671	.92547	.39067	2.1306	.34039

#1	3864.1	50737.	4363.8	97.073	3423.1
#2	3877.1	51406.	4339.7	94.191	3439.6

Sample Name: J5764-01MSD Acquired: 11/6/2018 14:27:18 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74560	1.9454	3.0998	1.7337	.13749	145.70	1.9817
Stddev	.00251	.0045	.0010	.0094	.00114	.62	.0595
%RSD	.33694	.23069	.03056	.54271	.82921	.42735	3.0025

#1	.74383	1.9485	3.1005	1.7403	.13830	146.14	2.0238
#2	.74738	1.9422	3.0991	1.7270	.13668	145.25	1.9397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18944	.20377	88.101	.59313	.33956	.73300	280.32
Stddev	.00085	.00083	2.228	.00191	.00083	.00487	7.28
%RSD	.45066	.40805	2.5286	.32161	.24452	.66424	2.5955

#1	.18884	.20319	89.677	.59178	.33897	.72955	285.47
#2	.19004	.20436	86.526	.59448	.34015	.73644	275.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3189	59.573	.76499	.06293	7.6858	.68489	2.3835
Stddev	.0159	1.657	.00275	.00117	.2332	.00344	.0439
%RSD	.36713	2.7807	.35962	1.8664	3.0343	.50206	1.8405

#1	4.3077	60.745	.76693	.06377	7.8507	.68246	2.4145
#2	4.3301	58.402	.76304	.06210	7.5209	.68732	2.3525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.989	.34570	.25856	9.1306	2.6579	.78753	7.4802
Stddev	1.120	.00009	.00149	.0164	.0452	.00372	.2175
%RSD	2.4903	.02727	.57474	.17947	1.6986	.47273	2.9072

#1	45.781	.34563	.25961	9.1421	2.6898	.78490	7.6340
#2	44.197	.34576	.25751	9.1190	2.6259	.79016	7.3264

Sample Name: J5764-01MSD Acquired: 11/6/2018 14:27:18 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40544	F 13.40	.22766	<.00000	F<.00000
Stddev	.00968	.04	.00882	.33669	.09607
%RSD	2.3867	.2861	3.8728	3.8489	.20213

#1	.41228	13.42	.23390	-8.9860	-47.597
#2	.39859	13.37	.22143	-8.5098	-47.461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3894.3	51398.	4432.4	95.681	3447.2
Stddev	5.6	82.	90.1	1.776	7.5
%RSD	.14429	.15923	2.0325	1.8557	.21622

#1	3890.3	51456.	4368.7	94.426	3441.9
#2	3898.2	51341.	4496.1	96.937	3452.4

Sample Name: J5764-01A Acquired: 11/6/2018 14:31:10 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7652 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74397	1.9202	3.0721	1.7248	.13733	146.08	2.0025
Stddev	.00093	.0058	.0045	.0047	.00228	.06	.0206
%RSD	.12447	.30006	.14536	.27370	1.6571	.03802	1.0306

#1	.74332	1.9162	3.0690	1.7215	.13572	146.04	1.9879
#2	.74463	1.9243	3.0753	1.7281	.13894	146.12	2.0171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18744	.20070	89.459	.58978	.33469	.72128	283.22
Stddev	.00038	.00034	.417	.00151	.00097	.00176	1.52
%RSD	.20252	.16880	.46650	.25634	.29108	.24351	.53634

#1	.18771	.20046	89.164	.59085	.33400	.72252	282.15
#2	.18718	.20094	89.754	.58871	.33538	.72004	284.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2689	60.549	.75382	.06354	7.7116	.67788	2.3809
Stddev	.0168	.779	.00192	.00118	.0849	.00122	.0043
%RSD	.39372	1.2863	.25476	1.8600	1.1004	.17952	.17942

#1	4.2808	59.998	.75247	.06270	7.6516	.67874	2.3779
#2	4.2571	61.099	.75518	.06437	7.7716	.67702	2.3840

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.613	.34303	.24624	8.9668	2.6287	.77867	7.6149
Stddev	.493	.00058	.00515	.0353	.0210	.00314	.0691
%RSD	1.0806	.16848	2.0927	.39345	.79746	.40344	.90704

#1	45.264	.34344	.24988	8.9418	2.6138	.77645	7.5661
#2	45.961	.34262	.24260	8.9917	2.6435	.78089	7.6638

Sample Name: J5764-01A Acquired: 11/6/2018 14:31:10 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7652 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40431	F 13.26	.23253	<.00000	F<.00000
Stddev	.00175	.08	.00370	.12037	.18865
%RSD	.43307	.5959	1.5897	1.3065	.40589

#1	.40307	13.20	.22991	-9.1280	-46.346
#2	.40555	13.32	.23514	-9.2983	-46.612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.1	51979.	4400.8	95.344	3469.5
Stddev	.4	183.	16.8	.135	11.4
%RSD	.00949	.35158	.38189	.14126	.32943

#1	3904.4	51849.	4412.6	95.439	3477.6
#2	3903.9	52108.	4388.9	95.249	3461.5

Sample Name: J5764-03 Acquired: 11/6/2018 14:35:01 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03856	-.01204	1.6136	-.02273	.01085	131.84	1.2920
Stddev	.00104	.00170	.0181	.00229	.00033	.41	.0074
%RSD	2.6940	14.101	1.1202	10.081	3.0128	.30804	.57614

#1	.03929	-.01084	1.6009	-.02111	.01108	131.55	1.2972
#2	.03782	-.01324	1.6264	-.02435	.01062	132.13	1.2867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	.00382	122.49	.25491	.11603	.55975	239.21
Stddev	.00030	.00023	.58	.00342	.00129	.00669	.80
%RSD	7.7709	5.9756	.47074	1.3411	1.1118	1.1955	.33614

#1	.00361	.00366	122.90	.25249	.11512	.55502	238.64
#2	.00403	.00398	122.09	.25732	.11694	.56448	239.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5295	57.017	.28456	.01412	10.928	.41419	1.7087
Stddev	.0087	.349	.00237	.00012	.092	.00208	.0008
%RSD	.24710	.61269	.83260	.81696	.84607	.50141	.04672

#1	3.5233	57.264	.28288	.01404	10.994	.41272	1.7081
#2	3.5357	56.770	.28623	.01420	10.863	.41566	1.7093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.385	.00849	.00238	F 17.400	1.8213	.10060	5.2363
Stddev	.180	.00034	.00483	.140	.0173	.00072	.0449
%RSD	.77158	4.0488	203.56	.80668	.94879	.71809	.85749

#1	23.513	.00825	-.00104	17.300	1.8335	.10009	5.2680
#2	23.257	.00873	.00579	17.499	1.8091	.10111	5.2045

Sample Name: J5764-03 Acquired: 11/6/2018 14:35:01 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17261	6.487	.31614	<.00000	F<.00000
Stddev	.00019	.069	.00571	.13779	.63804
%RSD	.11000	1.062	1.8054	1.8430	1.8283

#1	.17275	6.438	.32018	-7.3792	-34.447
#2	.17248	6.535	.31211	-7.5741	-35.350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.1	50337.	4348.6	99.088	3442.0
Stddev	21.5	32.	47.3	.127	21.0
%RSD	.57046	.06407	1.0871	.12775	.61097

#1	3778.3	50314.	4315.2	98.999	3456.9
#2	3747.9	50360.	4382.1	99.178	3427.2

Sample Name: J5764-05 Acquired: 11/6/2018 14:38:58 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05944	-.01294	1.4462	-.01583	.00726	132.79	1.1901
Stddev	.00005	.00112	.0005	.00125	.00115	.10	.0052
%RSD	.07933	8.6780	.03718	7.9180	15.830	.07572	.43511

#1	.05947	-.01374	1.4466	-.01672	.00644	132.86	1.1938
#2	.05940	-.01215	1.4458	-.01495	.00807	132.72	1.1864

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	.00120	255.78	.21432	.11357	.46801	252.33
Stddev	.00010	.00043	.26	.00070	.00015	.00319	3.91
%RSD	1.5543	36.155	.10146	.32849	.13638	.68096	1.5495

#1	.00639	.00151	255.97	.21383	.11368	.47027	249.56
#2	.00625	.00089	255.60	.21482	.11346	.46576	255.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2631	67.963	.24370	-.00197	7.8775	.36354	1.6585
Stddev	.0071	.167	.00113	.00058	.0370	.00010	.0301
%RSD	.16629	.24587	.46503	29.597	.46973	.02733	1.8119

#1	4.2681	68.082	.24290	-.00239	7.9036	.36347	1.6373
#2	4.2581	67.845	.24450	-.00156	7.8513	.36361	1.6798

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.825	.00562	.16248	7.6565	3.1648	.06339	5.0435
Stddev	.180	.00023	.00943	.0126	.0040	.00023	.0096
%RSD	.69645	4.1387	5.8033	.16450	.12477	.35729	.19075

#1	25.953	.00579	.15581	7.6654	3.1620	.06323	5.0367
#2	25.698	.00546	.16915	7.6476	3.1675	.06355	5.0503

Sample Name: J5764-05 Acquired: 11/6/2018 14:38:58 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20466	8.107	.71585	<.00000	F<.00000
Stddev	.00158	.006	.00795	.55831	.00055
%RSD	.77264	.0739	1.1099	11.329	.00152

#1	.20578	8.111	.72147	-5.3229	-36.065
#2	.20355	8.103	.71023	-4.5333	-36.066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3883.4	52008.	4498.0	94.469	3337.8
Stddev	3.9	42.	.7	1.603	7.6
%RSD	.10057	.08169	.01575	1.6968	.22741

#1	3886.1	52038.	4497.5	95.603	3343.2
#2	3880.6	51978.	4498.5	93.336	3332.5

Sample Name: J5764-07 Acquired: 11/6/2018 14:42:55 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05051	-.00972	1.2571	-.01665	.00585	141.37	.89981
Stddev	.00242	.00025	.0051	.00384	.00155	.30	.00236
%RSD	4.7912	2.5788	.40818	23.058	26.530	.21102	.26256

#1	.04880	-.00989	1.2534	-.01393	.00475	141.16	.89814
#2	.05222	-.00954	1.2607	-.01936	.00694	141.58	.90148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	-.00050	120.26	.20421	.11826	.42496	246.67
Stddev	.00012	.00147	.50	.00045	.00008	.01052	11.02
%RSD	2.2284	294.40	.41395	.21945	.06454	2.4749	4.4686

#1	.00535	-.00153	119.91	.20452	.11820	.41753	254.47
#2	.00518	.00054	120.61	.20389	.11831	.43240	238.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6878	47.619	.20786	-.00369	10.449	.39352	1.6196
Stddev	.0035	.072	.00108	.00135	.025	.00010	.0738
%RSD	.09492	.15113	.51790	36.641	.23983	.02475	4.5569

#1	3.6903	47.568	.20710	-.00273	10.432	.39346	1.6718
#2	3.6853	47.670	.20862	-.00464	10.467	.39359	1.5675

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.182	.00678	.02378	8.0788	1.9236	.05608	3.8177
Stddev	.062	.00002	.02000	.0323	.0073	.00058	.0146
%RSD	.38432	.32854	84.098	.39950	.37760	1.0364	.38353

#1	16.138	.00679	.03793	8.0560	1.9185	.05649	3.8073
#2	16.226	.00676	.00964	8.1016	1.9287	.05567	3.8280

Sample Name: J5764-07 Acquired: 11/6/2018 14:42:55 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16872	6.387	.19807	<.00000	F<.00000
Stddev	.00264	.010	.01268	.07733	.21045
%RSD	1.5661	.1611	6.3996	1.0898	.57774

#1	.16685	6.380	.18911	-7.1507	-36.277
#2	.17059	6.395	.20704	-7.0414	-36.575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3865.6	51438.	4391.5	95.781	3460.0
Stddev	2.0	77.	.7	4.406	4.7
%RSD	.05283	.14955	.01639	4.5997	.13654

#1	3864.1	51384.	4392.0	92.666	3463.4
#2	3867.0	51492.	4391.0	98.896	3456.7

Sample Name: J5764-09 Acquired: 11/6/2018 14:46:53 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12709	-.01178	5.3033	-.02501	.01471	120.40	2.2228
Stddev	.00027	.00115	.0483	.00313	.00173	3.13	.0635
%RSD	.21485	9.7914	.91155	12.504	11.791	2.5970	2.8550

#1	.12690	-.01260	5.2691	-.02280	.01593	118.19	2.2676
#2	.12728	-.01097	5.3375	-.02722	.01348	122.61	2.1779

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00438	.01151	238.29	.19678	.13200	1.0018	320.90
Stddev	.00012	.00079	5.77	.00569	.00017	.0166	5.41
%RSD	2.6325	6.8444	2.4208	2.8913	.12698	1.6553	1.6871

#1	.00429	.01095	242.37	.19276	.13189	.99009	324.73
#2	.00446	.01207	234.22	.20080	.13212	1.0135	317.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2333	58.925	.23384	-.00302	12.553	.48490	4.9849
Stddev	.1563	1.367	.00152	.00220	.354	.01652	.0590
%RSD	3.6925	2.3198	.65053	72.843	2.8199	3.4064	1.1834

#1	4.1228	59.892	.23276	-.00147	12.804	.47322	5.0267
#2	4.3439	57.958	.23491	-.00458	12.303	.49658	4.9432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3734	.01033	7.1717	F 15.155	2.7405	.43210	3.5206
Stddev	.2259	.00073	.1812	.065	.0396	.00271	.0850
%RSD	2.4099	7.0220	2.5269	.42587	1.4444	.62685	2.4152

#1	9.5331	.00982	7.2999	15.110	2.7685	.43018	3.5808
#2	9.2137	.01084	7.0436	15.201	2.7125	.43401	3.4605

Sample Name: J5764-09 Acquired: 11/6/2018 14:46:53 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12452	7.254	.46029	<.00000	F<.00000
Stddev	.00536	.033	.01795	.69284	.14646
%RSD	4.3007	.4609	3.8997	7.4717	.25715

#1	.12830	7.230	.47299	-9.7627	-56.851
#2	.12073	7.278	.44760	-8.7829	-57.058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3804.5	50268.	4474.5	96.262	3376.3
Stddev	17.2	1578.	95.9	1.359	13.9
%RSD	.45315	3.1400	2.1433	1.4113	.41193

#1	3816.7	51384.	4406.7	95.301	3386.2
#2	3792.3	49152.	4542.3	97.222	3366.5

Sample Name: J5764-11 Acquired: 11/6/2018 14:50:49 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20480	-.01594	17.836	-.03605	.03533	129.79	8.4924
Stddev	.00012	.00194	.033	.00405	.00069	.07	.1388
%RSD	.05806	12.140	.18762	11.243	1.9662	.05552	1.6338

#1	.20488	-.01457	17.812	-.03318	.03484	129.74	8.5905
#2	.20471	-.01731	17.859	-.03891	.03582	129.84	8.3942

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.03683	430.06	.24672	.19340	2.7894	640.30
Stddev	.00012	.00166	8.00	.00291	.00017	.0067	12.28
%RSD	2.1003	4.5064	1.8591	1.1807	.08591	.24126	1.9177

#1	.00552	.03566	435.71	.24466	.19328	2.7846	648.99
#2	.00569	.03801	424.41	.24878	.19352	2.7941	631.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3885	59.768	.77716	-.00107	21.562	.55090	15.426
Stddev	.0344	1.220	.00037	.00188	.372	.00276	.238
%RSD	.46597	2.0410	.04804	175.32	1.7258	.50150	1.5398

#1	7.3641	60.630	.77742	.00026	21.825	.54895	15.594
#2	7.4128	58.905	.77689	-.00240	21.299	.55285	15.258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.071	.03900	5.1903	F 54.286	1.4147	1.3487	3.7026
Stddev	.155	.00009	.0699	.026	.0186	.0032	.0581
%RSD	1.3989	.22274	1.3463	.04828	1.3149	.24130	1.5700

#1	11.180	.03906	5.2397	54.305	1.4279	1.3464	3.7437
#2	10.961	.03894	5.1409	54.268	1.4016	1.3510	3.6615

Sample Name: J5764-11 Acquired: 11/6/2018 14:50:49 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21437	F 13.49	.62820	<.00000	F<.00000
Stddev	.00658	.00	.00815	.22359	.29392
%RSD	3.0697	.0293	1.2979	1.1344	.19631

#1	.21902	13.48	.63396	-19.552	-149.51
#2	.20971	13.49	.62243	-19.868	-149.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.2	48156.	4223.8	87.285	3110.3
Stddev	13.0	20.	72.3	1.547	6.0
%RSD	.36550	.04128	1.7109	1.7729	.19298

#1	3535.1	48170.	4172.7	86.191	3106.0
#2	3553.4	48142.	4274.9	88.380	3114.5

Sample Name: J5764-13 Acquired: 11/6/2018 14:54:49 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07387	-.01100	2.1134	-.02664	.01263	140.21	1.8680
Stddev	.00140	.00005	.0043	.00052	.00135	.20	.0099
%RSD	1.8963	.42532	.20362	1.9446	10.712	.14435	.53163

#1	.07486	-.01103	2.1103	-.02701	.01167	140.07	1.8609
#2	.07288	-.01096	2.1164	-.02628	.01358	140.36	1.8750

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00397	.00251	115.08	.28575	.13950	.84892	354.99
Stddev	.00018	.00002	1.01	.00277	.00019	.00341	2.18
%RSD	4.4772	.82002	.87537	.96782	.13640	.40223	.61344

#1	.00410	.00250	114.37	.28379	.13937	.85133	353.45
#2	.00384	.00253	115.79	.28770	.13964	.84650	356.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0685	49.584	.35468	.00294	3.9973	.50408	2.7643
Stddev	.0169	.425	.00068	.00040	.0276	.00229	.0242
%RSD	.41463	.85639	.19084	13.650	.69013	.45331	.87476

#1	4.0566	49.284	.35420	.00322	3.9778	.50247	2.7472
#2	4.0804	49.884	.35516	.00265	4.0168	.50570	2.7814

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.328	.01963	.11436	F 12.725	2.0571	1.5553	5.4776
Stddev	.084	.00001	.00249	.042	.0258	.0014	.0263
%RSD	.37723	.04424	2.1813	.32895	1.2547	.09170	.47972

#1	22.268	.01963	.11613	12.696	2.0388	1.5542	5.4590
#2	22.387	.01962	.11260	12.755	2.0753	1.5563	5.4961

Sample Name: J5764-13 Acquired: 11/6/2018 14:54:49 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18340	8.340	.07220	<.00000	F<.00000
Stddev	.00020	.020	.00096	.04201	.06782
%RSD	.10799	.2448	1.3261	.32516	.10536

#1	.18326	8.326	.07287	-12.951	-64.322
#2	.18354	8.355	.07152	-12.892	-64.418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.5	51491.	4461.3	94.550	3430.4
Stddev	6.5	125.	33.6	.599	9.0
%RSD	.16895	.24331	.75323	.63329	.26156

#1	3841.9	51580.	4485.0	94.973	3424.0
#2	3851.1	51402.	4437.5	94.126	3436.7

Sample Name: CCV05 Acquired: 11/6/2018 14:58:44 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14129 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1920	4.7629	5.0087	5.1490	5.4083	10.801	10.371	.25188
Stddev	.0289	.0131	.0001	.0367	.0281	.094	.053	.00411
%RSD	.55700	.27416	.00161	.71213	.51996	.87420	.51035	1.6306
#1	5.2125	4.7721	5.0088	5.1750	5.4282	10.867	10.334	.25478
#2	5.1716	4.7536	5.0087	5.1231	5.3885	10.734	10.409	.24897
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3969	26.316	.90724	2.4566	1.2804	4.5625	2.5354	23.300
Stddev	.0031	.021	.01625	.0030	.0118	.0773	.0418	.167
%RSD	.12972	.08129	1.7909	.12111	.92127	1.6938	1.6480	.71856
#1	2.3991	26.301	.91873	2.4587	1.2887	4.5079	2.5650	23.181
#2	2.3947	26.331	.89576	2.4545	1.2720	4.6172	2.5059	23.418
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3487	1.1778	23.179	2.3046	2.3463	23.982	4.9101	4.8838
Stddev	.0048	.0153	.145	.0405	.0328	.225	.0339	.0541
%RSD	.20454	1.3019	.62383	1.7584	1.4001	.93807	.69078	1.1083
#1	2.3521	1.1886	23.077	2.3332	2.3231	23.823	4.9341	4.8455
#2	2.3453	1.1670	23.282	2.2759	2.3696	24.141	4.8861	4.9220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6749	4.5997	F 4.4192	4.9728	5.0523	4.753	4.9186	F 4.0970
Stddev	.0070	.0220	.0034	.0042	.0257	.017	.0150	.2007
%RSD	.14977	.47767	.07806	.08455	.50900	.3508	.30508	4.8979
#1	4.6799	4.5842	4.4217	4.9698	5.0341	4.765	4.9080	3.9551
#2	4.6700	4.6152	4.4168	4.9758	5.0705	4.742	4.9292	4.2389

Sample Name: CCV05 Acquired: 11/6/2018 14:58:44 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14129 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1994
Stddev .0176
%RSD .80135

#1 2.1869
#2 2.2119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.3	45019.	3710.8	97.739	3618.9
Stddev	30.0	729.	7.2	1.103	14.7
%RSD	.89303	1.6192	.19393	1.1289	.40563

#1	3335.1	44503.	3715.9	98.520	3608.5
#2	3377.5	45534.	3705.7	96.959	3629.3

Sample Name: CCB05 Acquired: 11/6/2018 15:02:28 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14129 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	.00084	-.00089	-.00319	-.00130	.01226	-.00048
Stddev	.00245	.00087	.00079	.00064	.00044	.00220	.00091
%RSD	101.52	103.82	89.045	20.078	34.054	17.934	190.53

#1	.00414	.00146	-.00145	-.00364	-.00161	.01382	.00017
#2	.00068	.00022	-.00033	-.00274	-.00098	.01071	-.00112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00001	.01524	-.00023	-.00006	-.00041	.00864
Stddev	.00006	.00004	.02126	.00009	.00010	.00013	.00793
%RSD	10352.	494.49	139.53	38.252	174.31	31.054	91.778

#1	-.00004	.00002	.03027	-.00029	-.00013	-.00050	.01425
#2	.00004	-.00004	.00020	-.00017	.00001	-.00032	.00303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01546	.00131	-.00026	-.69043	.00006	-.00057
Stddev	.00003	.02074	.00004	.00010	.00103	.00005	.00010
%RSD	191.33	134.12	3.1790	38.034	.14864	84.719	17.371

#1	-.00004	-.03013	.00128	-.00019	-.69115	.00002	-.00050
#2	.00001	-.00080	.00134	-.00033	-.68970	.00010	-.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11996	.00024	.01047	.00465	.00636	.00025	.00106
Stddev	.03627	.00017	.00438	.00048	.00414	.00004	.00131
%RSD	30.234	69.503	41.788	10.346	65.063	15.464	123.90

#1	.09431	.00035	.01356	.00431	.00928	.00027	.00013
#2	.14560	.00012	.00738	.00499	.00343	.00022	.00198

Sample Name: CCB05 Acquired: 11/6/2018 15:02:28 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14129 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01040	-.0021	.00016	F 2.7449	F .84678
Stddev	.00088	.0001	.00006	.1635	.06493
%RSD	8.4427	3.426	40.266	5.9575	7.6676

#1	-.00978	-.0020	.00020	2.8606	.89269
#2	-.01102	-.0021	.00011	2.6293	.80087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3478.4	46275.	3629.3	97.821	4026.4
Stddev	12.8	77.	136.8	2.563	6.8
%RSD	.36861	.16577	3.7688	2.6204	.16795

#1	3469.4	46329.	3532.6	96.008	4021.6
#2	3487.5	46221.	3726.0	99.633	4031.2

Sample Name: J5764-15 Acquired: 11/6/2018 15:06:32 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04830	-.01344	11.642	-.01739	.00782	130.37	1.1131
Stddev	.00089	.00002	.004	.00036	.00012	.19	.0029
%RSD	1.8332	.17690	.03462	2.0616	1.5119	.14567	.25897

#1	.04892	-.01346	11.644	-.01765	.00790	130.51	1.1111
#2	.04767	-.01342	11.639	-.01714	.00773	130.24	1.1151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	.00443	322.47	.20018	.13640	.88922	290.09
Stddev	.00002	.00043	1.02	.00208	.00006	.00243	4.47
%RSD	.59785	9.5933	.31639	1.0371	.04466	.27346	1.5397

#1	.00367	.00473	323.20	.19871	.13644	.89093	286.93
#2	.00364	.00413	321.75	.20165	.13636	.88750	293.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2023	112.16	.29140	.00489	8.6410	.52936	2.4374
Stddev	.0070	.10	.00027	.00058	.0272	.00494	.0382
%RSD	.16589	.08831	.09257	11.807	.31471	.93376	1.5688

#1	4.1974	112.09	.29121	.00448	8.6218	.52587	2.4104
#2	4.2072	112.23	.29159	.00529	8.6602	.53286	2.4645

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.743	.01147	.08653	F 24.364	1.7691	.40721	3.8595
Stddev	.098	.00003	.00962	.036	.0291	.00003	.0083
%RSD	.66445	.25585	11.120	.14747	1.6463	.00672	.21371

#1	14.674	.01149	.07972	24.389	1.7485	.40720	3.8536
#2	14.812	.01145	.09333	24.338	1.7896	.40723	3.8653

Sample Name: J5764-15 Acquired: 11/6/2018 15:06:32 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15378	9.788	.52437	<.00000	F<.00000
Stddev	.00020	.021	.00303	.04131	1.1272
%RSD	.12817	.2127	.57699	.74564	2.4424

#1	.15392	9.803	.52651	-5.5691	-45.353
#2	.15364	9.773	.52223	-5.5107	-46.947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3945.2	52928.	4638.9	93.080	3238.9
Stddev	1.5	84.	.6	1.273	10.3
%RSD	.03820	.15919	.01296	1.3679	.31902

#1	3944.1	52868.	4639.3	93.980	3231.6
#2	3946.3	52987.	4638.4	92.180	3246.2

Sample Name: J5764-17 Acquired: 11/6/2018 15:10:28 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05599	-.00825	1.2807	-.01030	.00395	106.33	1.0258
Stddev	.00118	.00060	.0066	.00192	.00187	.42	.0035
%RSD	2.1109	7.2714	.51422	18.668	47.414	.39837	.33826

#1	.05515	-.00783	1.2761	-.00894	.00528	106.63	1.0283
#2	.05682	-.00868	1.2854	-.01166	.00263	106.03	1.0234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00010	106.67	.21038	.08470	.43822	193.80
Stddev	.00012	.00039	.06	.00053	.00021	.00655	4.00
%RSD	3.3331	406.77	.05312	.25018	.24799	1.4947	2.0638

#1	.00337	-.00037	106.63	.21001	.08455	.43359	196.63
#2	.00353	.00018	106.71	.21076	.08485	.44285	190.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9216	57.782	.17312	-.00172	5.4304	.32935	1.6748
Stddev	.0002	.014	.00122	.00107	.0281	.00066	.0249
%RSD	.00572	.02493	.70704	62.447	.51775	.20094	1.4843

#1	2.9217	57.792	.17225	-.00096	5.4503	.32888	1.6924
#2	2.9215	57.771	.17398	-.00247	5.4105	.32981	1.6573

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.021	.00553	.00825	5.6948	1.8795	.07872	4.7102
Stddev	.036	.00001	.00419	.0097	.0121	.00037	.0180
%RSD	.16556	.10024	50.793	.17000	.64119	.46673	.38112

#1	21.995	.00552	.01122	5.7016	1.8710	.07846	4.7229
#2	22.047	.00553	.00529	5.6880	1.8881	.07898	4.6975

Sample Name: J5764-17 Acquired: 11/6/2018 15:10:28 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15901	5.851	.16078	<.00000	F<.00000
Stddev	.00094	.019	.00262	.12186	.83208
%RSD	.59146	.3307	1.6286	2.7202	4.0107
#1	.15967	5.837	.15893	-4.5661	-20.158
#2	.15834	5.865	.16263	-4.3938	-21.335
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3733.8	50040.	4290.1	95.108	3480.2
Stddev	.4	32.	14.9	1.739	11.9
%RSD	.01186	.06411	.34652	1.8280	.34335
#1	3733.5	50018.	4300.6	93.879	3471.7
#2	3734.1	50063.	4279.6	96.338	3488.6

Sample Name: J5764-19 Acquired: 11/6/2018 15:14:19 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04528	-.01585	1.8981	-.02024	.00823	127.64	1.3778
Stddev	.00313	.00299	.0061	.00108	.00210	.03	.0006
%RSD	6.9130	18.840	.32310	5.3279	25.501	.02730	.04236

#1	.04750	-.01796	1.9024	-.02100	.00674	127.66	1.3782
#2	.04307	-.01374	1.8938	-.01947	.00971	127.62	1.3774

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	.00606	334.67	.23419	.14003	.59604	302.99
Stddev	.00021	.00040	1.85	.00086	.00065	.00032	2.14
%RSD	5.5274	6.6771	.55236	.36818	.46715	.05442	.70535

#1	.00392	.00634	333.36	.23358	.14049	.59581	301.48
#2	.00362	.00577	335.97	.23479	.13957	.59627	304.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7572	138.19	.30784	.04614	6.8534	.74620	2.9047
Stddev	.0203	1.00	.00048	.00146	.0153	.00084	.0136
%RSD	.42572	.72197	.15589	3.1544	.22380	.11233	.46749

#1	4.7715	137.48	.30818	.04511	6.8425	.74561	2.8951
#2	4.7428	138.89	.30750	.04717	6.8642	.74679	2.9143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.550	.01248	.07024	F 27.910	1.4777	.17511	4.4768
Stddev	.113	.00036	.01114	.196	.0148	.00150	.0402
%RSD	.57911	2.8678	15.855	.70206	.99995	.85526	.89718

#1	19.470	.01273	.06236	28.048	1.4672	.17617	4.4484
#2	19.630	.01222	.07811	27.771	1.4881	.17405	4.5052

Sample Name: J5764-19 Acquired: 11/6/2018 15:14:19 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15034	9.976	.36982	<.00000	F<.00000
Stddev	.00136	.083	.00023	.27581	.06461
%RSD	.90548	.8280	.06331	4.2939	.12705

#1	.15131	10.03	.36965	-6.2283	-50.896
#2	.14938	9.918	.36999	-6.6184	-50.805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.9	53092.	4698.5	93.641	3210.8
Stddev	9.8	92.	13.8	.413	20.7
%RSD	.24994	.17317	.29353	.44081	.64439

#1	3932.9	53027.	4708.3	93.933	3196.2
#2	3946.9	53157.	4688.8	93.349	3225.5

Sample Name: J5812-01 Acquired: 11/6/2018 15:18:20 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02505	-.00819	.06194	-.01311	.00420	94.701	.68502
Stddev	.00019	.00169	.00402	.00358	.00017	1.903	.02307
%RSD	.77374	20.612	6.4932	27.341	4.0154	2.0091	3.3681

#1	.02492	-.00699	.05910	-.01058	.00408	96.046	.70134
#2	.02519	-.00938	.06478	-.01565	.00432	93.356	.66871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	-.00342	33.813	.13138	.09523	.10207	214.01
Stddev	.00025	.00158	1.081	.00138	.00061	.01109	14.61
%RSD	10.259	46.289	3.1957	1.0498	.64538	10.869	6.8286

#1	.00222	-.00454	34.577	.13235	.09480	.09423	224.34
#2	.00257	-.00230	33.049	.13040	.09567	.10992	203.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7684	35.877	.15589	-.00017	.97405	.22163	.45148
Stddev	.0775	1.242	.00077	.00052	.06843	.00414	.02633
%RSD	1.6249	3.4619	.49529	303.47	7.0252	1.8686	5.8328

#1	4.8232	36.755	.15535	.00020	1.0224	.22456	.47010
#2	4.7136	34.998	.15644	-.00054	.92566	.21870	.43286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.724	.00552	.00693	3.8333	2.0621	.01075	2.9382
Stddev	.415	.00033	.01347	.0041	.0613	.00002	.1216
%RSD	3.2627	5.9931	194.42	.10683	2.9724	.20375	4.1375

#1	13.017	.00528	.01645	3.8304	2.1054	.01073	3.0242
#2	12.430	.00575	-.00260	3.8362	2.0188	.01077	2.8523

Sample Name: J5812-01 Acquired: 11/6/2018 15:18:20 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10839	6.195	-.13205	<.00000	F<.00000
Stddev	.00568	.007	.01214	.00590	.55528
%RSD	5.2385	.1154	9.1916	.07157	2.1215

#1	.11240	6.200	-.14064	-8.2331	-26.566
#2	.10437	6.190	-.12347	-8.2414	-25.781

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.4	54342.	4410.6	95.110	3599.8
Stddev	9.4	896.	127.3	5.932	15.8
%RSD	.23902	1.6487	2.8870	6.2367	.43777

#1	3932.8	53709.	4320.6	90.915	3610.9
#2	3946.1	54976.	4500.7	99.304	3588.6

Sample Name: J5812-05 Acquired: 11/6/2018 15:22:18 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03630	-.00831	.07473	-.01619	.00304	102.26	.67552
Stddev	.00271	.00043	.00454	.00496	.00111	7.37	.00540
%RSD	7.4767	5.2331	6.0757	30.647	36.393	7.2074	.79888

#1	.03438	-.00800	.07152	-.01268	.00226	97.046	.67933
#2	.03821	-.00862	.07794	-.01970	.00382	107.47	.67170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	-.00272	32.719	.12861	.09570	.11459	207.76
Stddev	.00029	.00082	.367	.01260	.00057	.00769	8.26
%RSD	10.560	30.212	1.1205	9.7999	.59567	6.7076	3.9739

#1	.00254	-.00330	32.978	.11970	.09529	.10915	213.60
#2	.00295	-.00214	32.459	.13752	.09610	.12002	201.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9761	35.309	.14218	-.00567	.85824	.24878	.53827
Stddev	.3730	.119	.00019	.00437	.00371	.02476	.02038
%RSD	9.3806	.33617	.13196	76.974	.43173	9.9542	3.7858

#1	3.7123	35.393	.14204	-.00259	.86086	.23126	.55268
#2	4.2398	35.225	.14231	-.00876	.85562	.26629	.52386

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.755	.00384	.06407	2.2529	1.8908	.01057	3.5164
Stddev	.102	.00003	.01346	.0012	.0313	.00053	.0139
%RSD	.79895	.70752	21.010	.05361	1.6553	5.0419	.39534

#1	12.827	.00386	.07359	2.2538	1.8687	.01094	3.5262
#2	12.683	.00382	.05455	2.2521	1.9130	.01019	3.5065

Sample Name: J5812-05 Acquired: 11/6/2018 15:22:18 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10376	6.121	-.12384	<.00000	F<.00000
Stddev	.00095	.011	.00928	.89103	.73038
%RSD	.91767	.1847	7.4941	11.769	2.7037

#1	.10443	6.113	-.13041	-8.2008	-26.498
#2	.10308	6.129	-.11728	-6.9407	-27.531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.6	50670.	4511.5	98.528	3629.4
Stddev	9.4	3830.	20.0	3.940	2.1
%RSD	.23472	7.5581	.44236	3.9983	.05923

#1	4020.2	53378.	4497.4	95.743	3627.8
#2	4006.9	47962.	4525.6	101.31	3630.9

Sample Name: J5812-09 Acquired: 11/6/2018 15:26:10 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02368	-.00630	.04208	-.01965	.00338	82.072	.69964
Stddev	.00226	.00097	.00154	.00092	.00240	.299	.00039
%RSD	9.5484	15.380	3.6673	4.6795	71.096	.36492	.05610

#1	.02527	-.00699	.04099	-.02030	.00508	82.284	.69992
#2	.02208	-.00562	.04317	-.01900	.00168	81.860	.69936

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	-.00214	26.753	.09806	.07722	.08314	171.09
Stddev	.00007	.00021	.106	.00097	.00006	.00023	1.51
%RSD	3.3380	10.002	.39746	.98799	.07127	.27406	.88096

#1	.00226	-.00230	26.828	.09875	.07726	.08298	172.15
#2	.00216	-.00199	26.677	.09738	.07718	.08330	170.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2043	30.530	.13510	-.00277	.00494	.18420	.36502
Stddev	.0445	.121	.00111	.00053	.00665	.00297	.00572
%RSD	1.0579	.39525	.82390	19.200	134.82	1.6123	1.5669

#1	4.2357	30.615	.13431	-.00315	.00023	.18630	.36907
#2	4.1728	30.445	.13589	-.00240	.00964	.18210	.36098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3756	.00027	-.01808	.43042	1.8846	.00654	2.3035
Stddev	.0096	.00022	.00601	.00154	.0354	.00034	.0068
%RSD	.11467	82.154	33.225	.35760	1.8774	5.1708	.29675

#1	8.3688	.00043	-.01383	.43151	1.9096	.00630	2.3083
#2	8.3824	.00011	-.02232	.42933	1.8596	.00678	2.2986

Sample Name: J5812-09 Acquired: 11/6/2018 15:26:10 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP2-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09852	5.210	-.11675	<.00000	F<.00000
Stddev	.00117	.009	.00179	.42136	.12628
%RSD	1.1839	.1712	1.5373	6.8782	.73898

#1	.09934	5.217	-.11802	-5.8281	-17.000
#2	.09769	5.204	-.11548	-6.4240	-17.178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.6	51987.	4405.8	100.04	3639.7
Stddev	14.0	547.	51.2	1.93	13.4
%RSD	.36010	1.0513	1.1626	1.9250	.36736

#1	3868.7	51601.	4369.6	98.679	3630.2
#2	3888.5	52374.	4442.0	101.40	3649.1

Sample Name: J5812-13 Acquired: 11/6/2018 15:30:04 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03177	-.00707	.03314	-.01932	.00239	81.311	.71579
Stddev	.00065	.00060	.00019	.00238	.00010	.247	.00146
%RSD	2.0309	8.4916	.57512	12.331	4.2130	.30404	.20345

#1	.03131	-.00749	.03327	-.02100	.00246	81.136	.71682
#2	.03223	-.00665	.03300	-.01763	.00232	81.486	.71476

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00247	24.913	.08853	.07571	.08373	182.83
Stddev	.00023	.00054	.143	.00101	.00022	.00306	2.80
%RSD	10.837	21.814	.57552	1.1446	.28680	3.6603	1.5299

#1	.00224	-.00209	24.812	.08781	.07556	.08590	180.85
#2	.00192	-.00285	25.014	.08924	.07587	.08156	184.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2990	40.168	.13225	-.00225	-.00206	.17757	.36722
Stddev	.0009	.135	.00040	.00001	.01320	.00127	.00573
%RSD	.02156	.33698	.30335	.44875	641.06	.71777	1.5617

#1	4.2984	40.264	.13254	-.00226	-.01139	.17667	.36317
#2	4.2997	40.073	.13197	-.00225	.00727	.17848	.37128

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6743	.00016	-.01212	.40913	1.5736	.00916	2.4797
Stddev	.0195	.00015	.00275	.00599	.0041	.00033	.0049
%RSD	.22524	93.873	22.688	1.4633	.26064	3.6313	.19746

#1	8.6605	.00005	-.01406	.40490	1.5707	.00939	2.4832
#2	8.6882	.00027	-.01017	.41337	1.5765	.00892	2.4763

Sample Name: J5812-13 Acquired: 11/6/2018 15:30:04 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP2-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09516	5.461	-.12851	<.00000	F<.00000
Stddev	.00008	.009	.00286	.26822	1.2281
%RSD	.08490	.1625	2.2282	3.9635	6.3203

#1	.09510	5.454	-.12649	-6.5776	-20.299
#2	.09521	5.467	-.13054	-6.9569	-18.562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3923.9	52932.	4464.6	98.898	3638.8
Stddev	7.5	151.	.9	1.354	5.9
%RSD	.19052	.28528	.02017	1.3690	.16222

#1	3918.6	52825.	4464.0	99.855	3634.6
#2	3929.2	53039.	4465.2	97.940	3643.0

Sample Name: J5812-17 Acquired: 11/6/2018 15:33:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP3-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03301	-.00760	.05060	-.02119	.00748	83.179	.85141
Stddev	.00109	.00024	.00013	.00145	.00052	.051	.00804
%RSD	3.3040	3.1052	.26408	6.8550	7.0054	.06108	.94479

#1	.03224	-.00744	.05050	-.02222	.00785	83.215	.85710
#2	.03378	-.00777	.05069	-.02016	.00711	83.143	.84572

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00247	20.437	.10585	.06951	-.00166	254.85
Stddev	.00003	.00049	.259	.00082	.00005	.00326	3.50
%RSD	1.1578	19.685	1.2687	.77144	.07498	196.54	1.3718

#1	.00243	-.00213	20.620	.10643	.06954	.00065	252.38
#2	.00239	-.00281	20.254	.10527	.06947	-.00396	257.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8449	25.376	.12240	-.00358	-.13860	.21566	.36187
Stddev	.0103	.306	.00107	.00043	.00238	.00022	.00402
%RSD	.21297	1.2052	.87315	11.957	1.7171	.10159	1.1122

#1	4.8376	25.592	.12316	-.00388	-.13692	.21581	.35902
#2	4.8522	25.160	.12165	-.00328	-.14029	.21550	.36471

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3280	.00074	-.04025	2.1743	1.1118	.00673	1.6568
Stddev	.0549	.00005	.00493	.0097	.0157	.00001	.0017
%RSD	.86842	6.3547	12.251	.44495	1.4102	.07492	.10019

#1	6.3668	.00071	-.04373	2.1811	1.1229	.00673	1.6556
#2	6.2891	.00078	-.03676	2.1675	1.1007	.00672	1.6580

Sample Name: J5812-17 Acquired: 11/6/2018 15:33:59 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10652	4.816	-.20441	<.00000	F<.00000
Stddev	.00094	.023	.00415	.40095	.10757
%RSD	.87830	.4784	2.0289	3.4503	.26043
#1	.10586	4.832	-.20148	-11.337	-41.230
#2	.10718	4.800	-.20734	-11.904	-41.382
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.1	52800.	4482.3	100.11	3624.5
Stddev	7.4	182.	53.1	.90	23.0
%RSD	.18869	.34543	1.1840	.90348	.63486
#1	3909.8	52671.	4444.8	100.75	3608.3
#2	3920.3	52929.	4519.8	99.470	3640.8

Sample Name: J5812-21 Acquired: 11/6/2018 15:37:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP3-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08759	-.01490	-.04866	-.04781	.02079	87.008	.97246	.00614
Stddev	.00046	.00192	.00116	.00090	.00065	.716	.00503	.00005
%RSD	.51961	12.889	2.3821	1.8898	3.1228	.82318	.51720	.80716

#1	.08791	-.01354	-.04948	-.04845	.02033	87.514	.97601	.00617
#2	.08727	-.01626	-.04784	-.04717	.02125	86.502	.96890	.00610

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00680	15.513	.10655	.06506	-.51891	863.13	4.4767	17.084
Stddev	.00001	.070	.00118	.00008	.00269	2.80	.0434	.134
%RSD	.07556	.45099	1.1111	.12471	.51855	.32406	.97011	.78597

#1	-.00681	15.463	.10738	.06500	-.52082	865.11	4.5074	17.179
#2	-.00680	15.562	.10571	.06512	-.51701	861.16	4.4460	16.989

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09544	-.00095	-.34109	.33939	.43269	3.5017	.00176	.04286
Stddev	.00002	.00007	.00793	.00053	.00064	.0322	.00010	.00068
%RSD	.02044	7.3388	2.3260	.15519	.14838	.91964	5.5935	1.5761

#1	.09545	-.00100	-.34670	.33976	.43224	3.5245	.00183	.04238
#2	.09543	-.00090	-.33548	.33902	.43315	3.4790	.00169	.04334

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0971	1.2623	.01041	1.3042	.08915	9.029	-.87978	<.00000
Stddev	.0051	.0123	.00103	.0024	.00006	.026	.00277	.72725
%RSD	.16359	.97468	9.9419	.18606	.06674	.2935	.31537	1.6235

#1	3.1007	1.2536	.01114	1.3059	.08910	9.048	-.88174	-44.282
#2	3.0935	1.2710	.00967	1.3025	.08919	9.011	-.87782	-45.311

Sample Name: J5812-21 Acquired: 11/6/2018 15:37:59 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-B 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	4201.0	56198.	4894.9	93.575	3321.9
Stddev	8.1	374.	4.6	.127	9.9
%RSD	.19240	.66625	.09421	.13528	.29833
#1	4195.3	55933.	4891.6	93.665	3314.9
#2	4206.8	56462.	4898.1	93.486	3328.9

Sample Name: J5812-25 Acquired: 11/6/2018 15:41:55 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02762	-.00834	.08057	-.01889	.00495	103.85	.77351
Stddev	.00062	.00034	.00208	.00173	.00096	.49	.00063
%RSD	2.2518	4.0556	2.5801	9.1802	19.386	.47136	.08206

#1	.02718	-.00810	.07910	-.01766	.00563	104.20	.77306
#2	.02806	-.00858	.08204	-.02012	.00427	103.51	.77396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	-.00231	46.153	.13361	.09428	.07729	216.17
Stddev	.00016	.00021	.105	.00079	.00029	.00236	1.85
%RSD	5.4714	9.2009	.22734	.59146	.30921	3.0491	.85742

#1	.00274	-.00246	46.079	.13417	.09448	.07562	217.48
#2	.00296	-.00216	46.228	.13305	.09407	.07895	214.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8402	43.756	.16677	-.00273	.63708	.23643	.48504
Stddev	.0229	.176	.00018	.00023	.00244	.00038	.00359
%RSD	.39229	.40269	.10612	8.5654	.38333	.15941	.74053

#1	5.8564	43.631	.16665	-.00289	.63535	.23669	.48758
#2	5.8240	43.880	.16690	-.00256	.63881	.23616	.48250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.946	.00141	-.00567	1.2901	1.4218	.01000	2.3537
Stddev	.013	.00036	.00203	.0037	.0099	.00008	.0014
%RSD	.12306	25.780	35.780	.28902	.69405	.79864	.05747

#1	10.937	.00166	-.00423	1.2875	1.4148	.01006	2.3547
#2	10.956	.00115	-.00710	1.2927	1.4288	.00994	2.3527

Sample Name: J5812-25 Acquired: 11/6/2018 15:41:55 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP4-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13207	5.555	-.10670	<.00000	F<.00000
Stddev	.00014	.015	.00182	.04465	.31898
%RSD	.10427	.2743	1.7034	.59333	1.0752

#1	.13197	5.566	-.10798	-7.4944	-29.893
#2	.13217	5.544	-.10541	-7.5576	-29.441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3894.5	51803.	4425.8	96.569	3554.3
Stddev	18.6	196.	3.7	.869	30.5
%RSD	.47796	.37872	.08448	.89967	.85945

#1	3881.3	51664.	4428.4	95.955	3532.7
#2	3907.7	51942.	4423.2	97.183	3575.9

Sample Name: CCV06 Acquired: 11/6/2018 15:45:53 Type: Unk
Method: P4-ICP2(v2552) 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	5.2759	4.8808	5.1283	5.2108	5.4781	10.986	10.520	.26076
Stddev	.0039	.0095	.0141	.0028	.0137	.088	.087	.00014
%RSD	.07475	.19486	.27517	.05331	.24916	.80511	.82817	.05532
#1	5.2787	4.8740	5.1183	5.2088	5.4878	10.923	10.582	.26066
#2	5.2731	4.8875	5.1382	5.2127	5.4685	11.049	10.459	.26086
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4502	26.892	.93505	2.5047	1.3090	4.6944	2.6293	23.733
Stddev	.0053	.094	.00483	.0063	.0016	.1705	.0063	.108
%RSD	.21527	.35132	.51647	.25267	.12336	3.6327	.23945	.45694
#1	2.4464	26.826	.93846	2.5003	1.3079	4.8150	2.6338	23.656
#2	2.4539	26.959	.93163	2.5092	1.3102	4.5738	2.6249	23.809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4010	1.2054	23.616	2.3798	2.4842	24.305	5.0149	4.9746
Stddev	.0010	.0034	.099	.0079	.0954	.051	.0052	.0034
%RSD	.04052	.28617	.42097	.33111	3.8415	.20782	.10289	.06741
#1	2.4003	1.2078	23.687	2.3854	2.5517	24.341	5.0186	4.9770
#2	2.4017	1.2029	23.546	2.3742	2.4167	24.270	5.0113	4.9723
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7715	4.7741	4.5342	4.9956	5.1427	4.861	4.9250	4.8991
Stddev	.0104	.0403	.0039	.0019	.0362	.011	.0374	.0074
%RSD	.21875	.84301	.08553	.03696	.70360	.2271	.75841	.15021
#1	4.7641	4.8026	4.5369	4.9943	5.1683	4.853	4.9514	4.9043
#2	4.7788	4.7457	4.5314	4.9969	5.1171	4.869	4.8986	4.8939

Sample Name: CCV06 Acquired: 11/6/2018 15:45:53 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4233
Stddev .0409
%RSD 1.6869

#1 2.4522
#2 2.3944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.4	43747.	3597.8	93.511	3577.3
Stddev	15.1	218.	28.5	4.028	9.8
%RSD	.45345	.49843	.79154	4.3072	.27489

#1	3309.7	43593.	3577.7	90.663	3570.3
#2	3331.0	43901.	3617.9	96.359	3584.2

Sample Name: CCB06 Acquired: 11/6/2018 15:49:38 Type: Unk
Method: P4-ICP2(v2552) 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	.00016	.00084	-.00028	-.00277	-.00080	-.01148	.00179	.00009
Stddev	.00242	.00019	.00024	.00129	.00075	.00487	.00101	.00001
%RSD	1525.1	22.104	86.898	46.658	93.511	42.444	56.402	15.144
#1	.00187	.00097	-.00011	-.00185	-.00134	-.01493	.00251	.00010
#2	-.00155	.00071	-.00045	-.00368	-.00027	-.00804	.00108	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00465	-.00014	-.00004	-.00006	.01847	-.00006	-.01518
Stddev	.00001	.00060	.00001	.00016	.00041	.00118	.00006	.02673
%RSD	25.047	12.931	4.8055	363.67	668.23	6.3743	107.56	176.08
#1	-.00004	-.00422	-.00014	.00007	-.00035	.01764	-.00010	.00372
#2	-.00005	-.00508	-.00014	-.00015	.00023	.01930	-.00001	-.03408
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00012	-.71588	.00016	-.00070	.05241	.00030	-.00281
Stddev	.00040	.00010	.00061	.00000	.00003	.02852	.00002	.00449
%RSD	42.735	82.582	.08498	.03680	4.1373	54.408	8.3083	159.69
#1	.00123	-.00019	-.71545	.00016	-.00068	.03225	.00032	.00036
#2	.00066	-.00005	-.71631	.00016	-.00072	.07257	.00028	-.00598
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.00638	-.00077	.00274	-.00817	-.0031	.00006	F 3.0308
Stddev	.00008	.00069	.00019	.00038	.00023	.0015	.00001	.2362
%RSD	8.3643	10.778	24.155	13.916	2.8249	47.65	24.792	7.7942
#1	.00098	.00686	-.00091	.00301	-.00801	-.0021	.00005	2.8638
#2	.00087	.00589	-.00064	.00247	-.00833	-.0042	.00007	3.1978

Sample Name: CCB06 Acquired: 11/6/2018 15:49:38 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.0232
 Stddev .2668
 %RSD 26.075

#1 .83458
 #2 1.2119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3471.0	45433.	3590.0	98.167	4040.1
Stddev	4.6	359.	42.4	.094	1.4
%RSD	.13142	.79076	1.1797	.09604	.03584

#1	3467.7	45687.	3560.1	98.233	4041.2
#2	3474.2	45178.	3620.0	98.100	4039.1

Sample Name: J5812-29 Acquired: 11/6/2018 16:04:46 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02717	-.00631	.06173	-.01544	.00343	93.658	.80087
Stddev	.00256	.00166	.00017	.00184	.00102	.115	.00407
%RSD	9.4372	26.358	.28096	11.924	29.839	.12304	.50759

#1	.02536	-.00514	.06185	-.01414	.00416	93.739	.79799
#2	.02899	-.00749	.06160	-.01674	.00271	93.576	.80374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	-.00303	41.643	.14408	.08078	.08006	197.66
Stddev	.00007	.00010	.353	.00030	.00011	.00188	.92
%RSD	3.3396	3.1865	.84807	.21023	.13413	2.3433	.46521

#1	.00229	-.00310	41.394	.14387	.08070	.07874	198.31
#2	.00218	-.00297	41.893	.14430	.08086	.08139	197.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6024	34.127	.14364	-.00175	.23406	.21690	.44410
Stddev	.0176	.217	.00100	.00020	.00495	.00064	.00302
%RSD	.38141	.63548	.69466	11.177	2.1136	.29431	.68066

#1	4.6148	33.974	.14293	-.00161	.23056	.21644	.44624
#2	4.5900	34.281	.14434	-.00189	.23756	.21735	.44196

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.703	.00138	-.00580	1.4500	2.3277	.00933	2.4518
Stddev	.011	.00031	.00646	.0004	.0359	.00046	.0015
%RSD	.10531	22.490	111.46	.02749	1.5405	4.9090	.05986

#1	10.695	.00160	-.00123	1.4497	2.3024	.00965	2.4507
#2	10.711	.00116	-.01037	1.4503	2.3531	.00900	2.4528

Sample Name: J5812-29 Acquired: 11/6/2018 16:04:46 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11361	4.833	-.08994	<.00000	F<.00000
Stddev	.00196	.012	.00086	.00151	.00248
%RSD	1.7240	.2478	.95843	.02373	.00934

#1	.11500	4.825	-.09055	-6.3785	-26.512
#2	.11223	4.842	-.08933	-6.3807	-26.508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3900.9	51704.	4250.4	94.084	3636.0
Stddev	10.5	167.	13.3	.634	13.4
%RSD	.26883	.32300	.31318	.67386	.36913

#1	3893.4	51586.	4259.8	93.635	3626.5
#2	3908.3	51822.	4241.0	94.532	3645.5

Sample Name: J5771-01 Acquired: 11/6/2018 16:08:51 Type: Unk
Method: P4-ICP2(v2552) 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	.02172	-.01617	.39784	-.02401	.01070	222.08	.94220
Stddev	.00437	.00050	.00419	.00303	.00145	.61	.00174
%RSD	20.104	3.0760	1.0528	12.633	13.583	.27600	.18426

#1	.01864	-.01582	.40081	-.02615	.00967	221.65	.94097
#2	.02481	-.01652	.39488	-.02186	.01173	222.51	.94343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00488	-.00306	71.456	.24776	.18541	.20662	353.02
Stddev	.00022	.00104	.119	.00199	.00084	.00606	5.95
%RSD	4.5150	34.171	.16628	.80207	.45532	2.9322	1.6857

#1	.00504	-.00232	71.372	.24916	.18601	.21091	348.81
#2	.00472	-.00380	71.540	.24635	.18481	.20234	357.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1434	51.972	.28928	-.00053	13.246	.54616	.85709
Stddev	.0011	.053	.00190	.00090	.043	.00032	.01148
%RSD	.02075	.10236	.65587	169.36	.32454	.05770	1.3399

#1	5.1426	51.935	.29062	-.00116	13.216	.54638	.84897
#2	5.1441	52.010	.28794	.00010	13.277	.54594	.86521

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.316	.00280	.01600	4.7840	2.2160	.02165	5.8685
Stddev	.081	.00051	.01710	.0239	.0019	.00048	.0209
%RSD	.44252	18.322	106.86	.50002	.08779	2.1942	.35553

#1	18.259	.00316	.00391	4.8009	2.2146	.02199	5.8538
#2	18.374	.00244	.02809	4.7670	2.2174	.02132	5.8833

Sample Name: J5771-01 Acquired: 11/6/2018 16:08:51 Type: Unk
 Method: P4-ICP2(v2552) 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	.17198	7.290	-.02910	<.00000	F<.00000
Stddev	.00141	.037	.00540	.11027	.82829
%RSD	.82146	.5075	18.566	.88842	1.0994

#1	.17099	7.316	-.02528	-12.333	-74.755
#2	.17298	7.263	-.03292	-12.489	-75.927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4097.8	53922.	4589.4	93.096	3402.1
Stddev	11.5	46.	13.1	1.148	22.8
%RSD	.28081	.08470	.28476	1.2330	.67125

#1	4089.7	53890.	4580.2	93.908	3385.9
#2	4106.0	53954.	4598.7	92.285	3418.2

Sample Name: J5771-03 Acquired: 11/6/2018 16:13:16 Type: Unk
Method: P4-ICP2(v2552) 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	.02317	-.00793	.27035	-.02355	.00635	150.64	.65831
Stddev	.00036	.00085	.00024	.00010	.00180	.29	.00623
%RSD	1.5746	10.741	.09001	.44077	28.322	.19447	.94601

#1	.02292	-.00733	.27017	-.02363	.00762	150.85	.66271
#2	.02343	-.00853	.27052	-.02348	.00508	150.44	.65390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00339	-.00230	48.885	.16552	.10688	.23314	220.43
Stddev	.00012	.00091	.245	.00087	.00076	.00544	6.88
%RSD	3.6341	39.522	.50089	.52549	.70939	2.3328	3.1191

#1	.00330	-.00295	49.058	.16614	.10742	.22929	225.29
#2	.00347	-.00166	48.712	.16491	.10635	.23699	215.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1048	41.555	.17057	-.00376	11.903	.35538	.48366
Stddev	.0063	.200	.00064	.00069	.053	.00152	.01547
%RSD	.15437	.48247	.37632	18.383	.44884	.42670	3.1993

#1	4.1092	41.697	.17102	-.00327	11.941	.35431	.49461
#2	4.1003	41.413	.17011	-.00425	11.865	.35646	.47272

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.580	.00215	-.02330	4.2349	1.5927	.01280	2.3196
Stddev	.036	.00002	.00809	.0037	.0172	.00087	.0184
%RSD	.34344	1.0249	34.739	.08838	1.0775	6.8030	.79152

#1	10.606	.00217	-.01757	4.2375	1.5806	.01218	2.3326
#2	10.554	.00213	-.02902	4.2322	1.6048	.01341	2.3067

Sample Name: J5771-03 Acquired: 11/6/2018 16:13:16 Type: Unk
 Method: P4-ICP2(v2552) 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	.12384	4.358	-.06836	<.00000	F<.00000
Stddev	.00194	.002	.00790	.18431	.62329
%RSD	1.5650	.0408	11.561	2.6652	1.6990

#1	.12521	4.357	-.07395	-6.7851	-36.245
#2	.12247	4.359	-.06277	-7.0457	-37.126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.0	50634.	4305.8	98.880	3576.5
Stddev	7.8	73.	20.2	3.295	12.0
%RSD	.20498	.14380	.46936	3.3321	.33686

#1	3818.5	50583.	4291.6	96.550	3568.0
#2	3829.6	50686.	4320.1	101.21	3585.1

Sample Name: J5771-05 Acquired: 11/6/2018 16:17:13 Type: Unk
Method: P4-ICP2(v2552) 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	.01945	-.00918	.27046	-.02595	.00759	161.78	.64616
Stddev	.00113	.00164	.00185	.00171	.00007	.45	.00671
%RSD	5.8070	17.857	.68554	6.5896	.88190	.28118	1.0389

#1	.02024	-.01034	.27177	-.02716	.00764	161.46	.64141
#2	.01865	-.00802	.26914	-.02474	.00755	162.10	.65090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00367	-.00314	37.692	.17081	.10805	.17662	225.01
Stddev	.00002	.00024	.442	.00043	.00033	.00176	1.65
%RSD	.59155	7.6324	1.1732	.25245	.30449	.99737	.73123

#1	.00365	-.00298	37.379	.17111	.10828	.17786	223.85
#2	.00368	-.00331	38.004	.17050	.10781	.17537	226.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2624	35.423	.18675	-.00328	14.336	.29902	.48625
Stddev	.0059	.467	.00019	.00010	.132	.00033	.00513
%RSD	.13763	1.3191	.10151	3.1608	.92090	.10933	1.0558

#1	4.2583	35.093	.18689	-.00321	14.242	.29925	.48262
#2	4.2666	35.754	.18662	-.00335	14.429	.29879	.48988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7353	.00187	-.02199	4.0669	1.6184	.01431	2.0225
Stddev	.1007	.00017	.00246	.0042	.0292	.00013	.0073
%RSD	1.1526	9.1542	11.170	.10409	1.8056	.93268	.36161

#1	8.6641	.00175	-.02373	4.0699	1.5977	.01440	2.0174
#2	8.8065	.00199	-.02026	4.0639	1.6390	.01421	2.0277

Sample Name: J5771-05 Acquired: 11/6/2018 16:17:13 Type: Unk
 Method: P4-ICP2(v2552) 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	.12994	4.219	-.05192	<.00000	F<.00000
Stddev	.00020	.013	.00136	.21666	.37815
%RSD	.15155	.2953	2.6271	3.0512	1.1102
#1	.12980	4.228	-.05095	-6.9474	-34.330
#2	.13008	4.210	-.05288	-7.2538	-33.795
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3780.9	49642.	4247.0	96.146	3568.8
Stddev	9.6	78.	44.9	.735	11.8
%RSD	.25486	.15708	1.0572	.76435	.33181
#1	3774.1	49698.	4278.7	96.666	3560.4
#2	3787.7	49587.	4215.2	95.626	3577.2

Sample Name: J5815-01 Acquired: 11/6/2018 16:21:09 Type: Unk
Method: P4-ICP2(v2552) 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	.07019	-.00172	.67315	-.01340	-.00617	83.547	.61811
Stddev	.00126	.00148	.00077	.00337	.00201	.052	.00396
%RSD	1.7939	86.036	.11381	25.131	32.586	.06274	.64123

#1	.06930	-.00276	.67260	-.01579	-.00760	83.510	.62092
#2	.07109	-.00067	.67369	-.01102	-.00475	83.584	.61531

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00022	76.903	F 5.3985	.06101	.25551	102.98
Stddev	.00007	.00017	.755	.0054	.00080	.00104	.83
%RSD	3.1769	77.930	.98113	.09939	1.3113	.40557	.80181

#1	.00213	-.00035	77.436	5.4023	.06044	.25478	103.56
#2	.00204	-.00010	76.369	5.3947	.06158	.25624	102.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1758	17.274	.23020	-.00246	4.8718	.26738	.73477
Stddev	.0017	.151	.00083	.00002	.0178	.00032	.00668
%RSD	.14573	.87350	.36007	.96669	.36523	.12043	.90932

#1	1.1770	17.380	.23079	-.00244	4.8844	.26715	.73949
#2	1.1746	17.167	.22962	-.00247	4.8592	.26761	.73004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4161	.00521	-.02693	2.6835	1.4389	.02978	.70292
Stddev	.0444	.00002	.00291	.0140	.0047	.00093	.00586
%RSD	1.2992	.35953	10.806	.52193	.32436	3.1155	.83321

#1	3.4475	.00519	-.02899	2.6934	1.4422	.03044	.70707
#2	3.3847	.00522	-.02487	2.6736	1.4356	.02913	.69878

Sample Name: J5815-01 Acquired: 11/6/2018 16:21:09 Type: Unk
Method: P4-ICP2(v2552) 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	.06653	2.651	.24540	<.00000	F<.00000
Stddev	.00117	.003	.00162	.37763	.03102
%RSD	1.7661	.1268	.65889	131.12	.76269

#1	.06570	2.649	.24654	-.02097	-4.0454
#2	.06736	2.654	.24426	-.55501	-4.0893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.2	47075.	3915.7	98.227	3709.4
Stddev	2.2	118.	42.9	1.026	4.5
%RSD	.06071	.25152	1.0955	1.0447	.12147

#1	3543.7	46991.	3885.4	97.502	3706.2
#2	3546.8	47159.	3946.0	98.953	3712.6

Sample Name: J5815-03 Acquired: 11/6/2018 16:25:02 Type: Unk
Method: P4-ICP2(v2552) 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	.04513	-.00203	.29075	-.01149	-.01325	74.340	.45356	.00189
Stddev	.00440	.00005	.00035	.00117	.00018	.262	.00026	.00000
%RSD	9.7447	2.5786	.11962	10.156	1.3382	.35287	.05839	.07925
#1	.04202	-.00200	.29051	-.01232	-.01338	74.525	.45337	.00189
#2	.04824	-.00207	.29100	-.01067	-.01312	74.154	.45374	.00189
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	132.73	F 8.2894	.06812	.17001	89.023	.69597	15.269
Stddev	.00027	1.02	.0129	.00016	.00283	2.485	.00068	.125
%RSD	44.171	.77143	.15573	.23612	1.6625	2.7919	.09709	.82107
#1	-.00082	133.46	8.2985	.06823	.16801	90.781	.69645	15.358
#2	-.00043	132.01	8.2802	.06801	.17201	87.266	.69549	15.181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32768	-.00227	11.055	.25322	.81018	2.1268	.01558	.00028
Stddev	.00038	.00008	.027	.00055	.02503	.0055	.00010	.01213
%RSD	.11657	3.5339	.24497	.21575	3.0899	.25760	.66971	4360.3
#1	.32795	-.00221	11.074	.25284	.82788	2.1307	.01566	.00886
#2	.32741	-.00232	11.036	.25361	.79247	2.1229	.01551	-.00830
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6379	1.8339	.02557	.95507	.03667	2.245	.43861	1.2890
Stddev	.0073	.0004	.00062	.00342	.00084	.013	.00070	.2691
%RSD	.19952	.01907	2.4365	.35823	2.2928	.5565	.15955	20.875
#1	3.6430	1.8341	.02513	.95265	.03726	2.253	.43812	1.0988
#2	3.6328	1.8337	.02601	.95748	.03608	2.236	.43911	1.4793

Sample Name: J5815-03 Acquired: 11/6/2018 16:25:02 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .49993
 %RSD 106.98

#1 -.82082
 #2 -.11382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.9	46365.	3888.7	98.539	3672.7
Stddev	4.0	187.	15.5	3.068	19.3
%RSD	.11569	.40280	.39929	3.1138	.52569

#1	3478.1	46233.	3877.7	96.370	3659.0
#2	3483.8	46497.	3899.7	100.71	3686.3

Sample Name: J5815-05 Acquired: 11/6/2018 16:28:56 Type: Unk
Method: P4-ICP2(v2552) 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	.02272	-.00208	.10812	-.00850	-.00133	56.020	.11399	.00028
Stddev	.00155	.00013	.00002	.00102	.00120	.040	.00003	.00007
%RSD	6.8139	6.4101	.01589	11.971	90.696	.07078	.02609	26.029

#1	.02162	-.00199	.10811	-.00922	-.00048	55.992	.11397	.00033
#2	.02381	-.00218	.10813	-.00778	-.00218	56.048	.11401	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	5.3217	.89473	.00623	.01512	49.485	.17915	2.2457
Stddev	.00014	.0144	.00150	.00010	.00094	.972	.00033	.0494
%RSD	17.447	.27031	.16736	1.6335	6.2278	1.9640	.18689	2.1990

#1	-.00069	5.3115	.89367	.00616	.01578	48.798	.17891	2.2108
#2	-.00088	5.3318	.89578	.00631	.01445	50.172	.17939	2.2806

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02203	-.00172	8.2854	.11967	.08410	1.6324	.00194	-.01731
Stddev	.00035	.00064	.0038	.00029	.00148	.0289	.00007	.00638
%RSD	1.5984	36.975	.04545	.24225	1.7650	1.7689	3.4111	36.893

#1	.02227	-.00217	8.2880	.11988	.08305	1.6529	.00199	-.02182
#2	.02178	-.00127	8.2827	.11947	.08515	1.6120	.00190	-.01279

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24874	.89420	.00517	.21310	.00663	.7392	-.00298	.72727
Stddev	.00105	.00360	.00025	.00104	.00115	.0028	.00099	.30537
%RSD	.42293	.40302	4.8412	.48761	17.280	.3839	33.253	41.988

#1	.24800	.89674	.00499	.21383	.00744	.7372	-.00228	.94320
#2	.24948	.89165	.00535	.21236	.00582	.7412	-.00369	.51135

Sample Name: J5815-05 Acquired: 11/6/2018 16:28:56 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7395
 Stddev .3160
 %RSD 11.534

#1 2.5161
 #2 2.9630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.6	47613.	3909.3	100.29	3901.3
Stddev	18.5	33.	.0	1.73	17.6
%RSD	.51236	.06883	.00049	1.7221	.45000

#1	3588.5	47636.	3909.3	101.51	3888.9
#2	3614.6	47590.	3909.3	99.069	3913.7

Sample Name: J5815-05DUP Acquired: 11/6/2018 16:32:57 Type: Unk
Method: P4-ICP2(v2552) 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	.02445	.00022	.10869	-.00608	-.00015	56.958	.11132	.00032
Stddev	.00086	.00051	.00137	.00288	.00016	.311	.00176	.00008
%RSD	3.5053	238.90	1.2581	47.433	108.33	.54688	1.5772	26.786

#1	.02505	-.00015	.10772	-.00812	-.00003	57.179	.11008	.00026
#2	.02384	.00058	.10966	-.00404	-.00026	56.738	.11256	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	5.4702	.91823	.00663	.01546	50.255	.18002	2.5897
Stddev	.00001	.0391	.00293	.00002	.00035	.539	.00117	.0121
%RSD	1.2669	.71447	.31935	.27646	2.2607	1.0726	.64898	.46738

#1	-.00076	5.4425	.92030	.00662	.01522	50.636	.18085	2.5983
#2	-.00075	5.4978	.91616	.00664	.01571	49.874	.17919	2.5811

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02284	-.00146	8.3553	.11957	.08261	1.6319	.00198	-.00954
Stddev	.00040	.00026	.1006	.00129	.00063	.0097	.00018	.00691
%RSD	1.7455	18.066	1.2045	1.0804	.76276	.59438	9.2987	72.392

#1	.02312	-.00128	8.2841	.12048	.08306	1.6387	.00185	-.00466
#2	.02256	-.00165	8.4265	.11865	.08216	1.6250	.00211	-.01443

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25851	.86491	.00551	.21461	.00582	.7497	.00074	.87627
Stddev	.00505	.01317	.00075	.00011	.00105	.0027	.00046	.21744
%RSD	1.9548	1.5230	13.693	.04975	17.989	.3592	62.358	24.815

#1	.25493	.85560	.00604	.21469	.00508	.7478	.00042	1.0300
#2	.26208	.87423	.00498	.21454	.00656	.7516	.00107	.72251

Sample Name: J5815-05DUP Acquired: 11/6/2018 16:32:57 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4696
 Stddev .5167
 %RSD 20.921

#1 2.1043
 #2 2.8349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3593.2	47806.	3911.0	100.64	3890.1
Stddev	5.9	350.	29.5	1.49	8.3
%RSD	.16291	.73223	.75550	1.4785	.21461

#1	3589.1	47559.	3931.9	99.587	3896.0
#2	3597.3	48054.	3890.1	101.69	3884.2

Sample Name: J5815-05LX5 Acquired: 11/6/2018 16:36:56 Type: Unk
Method: P4-ICP2(v2552) 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	.00551	.00032	.02129	-.00456	-.00072	11.722	.02398	.00009
Stddev	.00177	.00025	.00068	.00259	.00034	.247	.00030	.00003
%RSD	32.140	76.511	3.1971	56.844	47.782	2.1109	1.2471	37.531

#1	.00676	.00050	.02177	-.00639	-.00097	11.547	.02377	.00007
#2	.00426	.00015	.02081	-.00273	-.00048	11.897	.02419	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	1.1287	.19316	.00133	.00366	10.160	.03808	.51080
Stddev	.00004	.0031	.00528	.00000	.00012	.112	.00092	.04203
%RSD	26.519	.27514	2.7338	.21733	3.2446	1.0986	2.4180	8.2291

#1	-.00017	1.1309	.18942	.00134	.00358	10.239	.03743	.48108
#2	-.00012	1.1265	.19689	.00133	.00375	10.081	.03873	.54052

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00578	-.00080	1.2038	.02476	.01696	.36587	.00045	.00524
Stddev	.00007	.00004	.0004	.00052	.00025	.04601	.00007	.00048
%RSD	1.1799	4.6433	.03000	2.0863	1.4544	12.576	14.730	9.0786

#1	.00573	-.00083	1.2036	.02439	.01714	.39840	.00050	.00491
#2	.00582	-.00078	1.2041	.02512	.01679	.33333	.00040	.00558

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05155	.19396	.00092	.04517	-.00840	.1467	.00003	3.5846
Stddev	.00416	.00076	.00081	.00170	.00116	.0003	.00022	.1344
%RSD	8.0631	.39010	88.023	3.7647	13.828	.1827	701.80	3.7481

#1	.04861	.19342	.00149	.04637	-.00922	.1465	-.00013	3.4896
#2	.05448	.19449	.00035	.04397	-.00758	.1469	.00019	3.6796

Sample Name: J5815-05LX5 Acquired: 11/6/2018 16:36:56 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5309
Stddev .2121
%RSD 8.3806

#1 2.3809
#2 2.6809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.8	45610.	3691.2	99.133	3962.5
Stddev	5.2	744.	9.4	1.143	7.3
%RSD	.14955	1.6317	.25566	1.1531	.18467

#1	3491.1	46136.	3684.5	98.325	3957.3
#2	3498.4	45084.	3697.8	99.942	3967.7

Sample Name: J5815-05MS Acquired: 11/6/2018 16:40:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78757	1.8640	1.1005	1.8655	.12300	86.200	.33785	.19565	.18668
Stddev	.00229	.0094	.0049	.0129	.00101	.083	.00300	.00007	.00075
%RSD	.29059	.50450	.44108	.68873	.81858	.09578	.88848	.03414	.40161
#1	.78919	1.8706	1.1039	1.8746	.12228	86.259	.33998	.19570	.18721
#2	.78596	1.8573	1.0970	1.8564	.12371	86.142	.33573	.19561	.18615
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6720	1.2522	.20499	.31931	53.878	.39541	5.5610	.49908	.06336
Stddev	.0682	.0054	.00112	.00058	1.379	.00015	.0546	.00135	.00024
%RSD	1.4592	.43294	.54772	.18205	2.5599	.03696	.98195	.27073	.38500
#1	4.7202	1.2484	.20579	.31890	54.854	.39530	5.5996	.50004	.06353
#2	4.6238	1.2560	.20420	.31972	52.903	.39551	5.5224	.49813	.06319
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.366	.39917	.29181	10.972	.32554	.22726	.20649	1.5671	.56582
Stddev	.091	.00114	.00866	.004	.00073	.00937	.00121	.0217	.00285
%RSD	.80296	.28622	2.9660	.03469	.22370	4.1241	.58738	1.3881	.50339
#1	11.431	.39836	.29793	10.969	.32605	.23388	.20735	1.5825	.56783
#2	11.301	.39998	.28569	10.975	.32502	.22063	.20563	1.5517	.56381
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.39974	.22305	5.997	.18710	.98148	1.0603			
Stddev	.00298	.00288	.038	.00066	.01703	.4220			
%RSD	.74446	1.2898	.6321	.35319	1.7346	39.799			
#1	.40184	.22508	6.023	.18757	.99352	.76189			
#2	.39763	.22101	5.970	.18663	.96945	1.3587			

Sample Name: J5815-05MS Acquired: 11/6/2018 16:40:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.2	47245.	3812.6	99.599	3835.0
Stddev	2.2	99.	34.5	2.509	4.1
%RSD	.06156	.20996	.90446	2.5194	.10791
#1	3588.7	47175.	3788.3	97.825	3832.1
#2	3591.8	47315.	3837.0	101.37	3837.9

Sample Name: CCV07 Acquired: 11/6/2018 16:44:48 Type: Unk
Method: P4-ICP2(v2552) 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	5.1952	4.7687	5.0702	5.1014	5.4088	10.972	10.350	.25603
Stddev	.0029	.0180	.0221	.0167	.0186	.046	.207	.00030
%RSD	.05647	.37656	.43519	.32760	.34339	.42317	2.0026	.11802

#1	5.1931	4.7560	5.0546	5.0896	5.3957	10.939	10.497	.25624
#2	5.1972	4.7814	5.0858	5.1132	5.4220	11.004	10.204	.25581

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4094	27.214	.91225	2.4675	1.2807	4.5449	2.5798	23.239
Stddev	.0118	.381	.00072	.0124	.0027	.0485	.0006	.323
%RSD	.49043	1.3991	.07923	.50052	.20770	1.0660	.02256	1.3903

#1	2.4010	27.484	.91276	2.4587	1.2789	4.5792	2.5802	23.468
#2	2.4177	26.945	.91174	2.4762	1.2826	4.5106	2.5794	23.011

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3502	1.1864	23.023	2.3152	2.4240	23.687	4.8852	4.8599
Stddev	.0105	.0012	.436	.0027	.0112	.493	.0146	.0521
%RSD	.44514	.10252	1.8925	.11453	.46005	2.0832	.29877	1.0717

#1	2.3428	1.1855	23.331	2.3170	2.4319	24.035	4.8749	4.8967
#2	2.3576	1.1872	22.715	2.3133	2.4161	23.338	4.8955	4.8230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6176	4.6860	F 4.4077	4.8926	5.0343	4.735	4.8279	F 4.4347
Stddev	.0238	.0541	.0280	.0669	.0985	.033	.0929	.5227
%RSD	.51428	1.1537	.63521	1.3671	1.9575	.6904	1.9251	11.786

#1	4.6008	4.7243	4.3879	4.9399	5.1040	4.712	4.8936	4.0651
#2	4.6344	4.6478	4.4275	4.8453	4.9646	4.758	4.7622	4.8042

Sample Name: CCV07 Acquired: 11/6/2018 16:44:48 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3548
Stddev .1302
%RSD 5.5300

#1 2.4469
#2 2.2627

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.6	44224.	3631.4	94.664	3605.0
Stddev	2.6	104.	60.6	.735	3.6
%RSD	.07915	.23606	1.6685	.77609	.09919

#1	3341.7	44150.	3588.5	94.144	3607.5
#2	3345.5	44297.	3674.2	95.183	3602.4

Sample Name: CCB07 Acquired: 11/6/2018 16:48:32 Type: Unk
Method: P4-ICP2(v2552) 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	.00170	.00127	-.00077	-.00434	-.00041	.00333	.00067
Stddev	.00032	.00126	.00024	.00074	.00128	.00723	.00021
%RSD	19.105	98.961	31.461	16.948	313.10	217.22	31.557

#1	.00193	.00038	-.00060	-.00486	.00050	-.00178	.00082
#2	.00147	.00216	-.00094	-.00382	-.00132	.00844	.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00000	-.00281	-.00009	.00015	-.00013	-.00428
Stddev	.00004	.00003	.01703	.00001	.00005	.00017	.01430
%RSD	104.20	563.58	606.47	9.8859	34.959	127.75	334.18

#1	.00001	.00002	.00923	-.00009	.00012	-.00001	.00583
#2	.00006	-.00001	-.01485	-.00008	.00019	-.00025	-.01439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.01573	.00124	.00041	-.72828	.00006	-.00069
Stddev	.00002	.02238	.00005	.00016	.00196	.00035	.00002
%RSD	52.537	142.33	4.0744	38.450	.26938	589.61	3.3039

#1	-.00002	-.00010	.00120	.00030	-.72967	-.00019	-.00067
#2	-.00004	.03155	.00127	.00052	-.72690	.00031	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05608	.00018	.00289	-.00040	.00574	-.00021	.00160
Stddev	.01592	.00012	.00061	.00176	.00067	.00043	.00165
%RSD	28.397	65.990	20.968	439.35	11.583	203.85	102.81

#1	.04482	.00027	.00332	.00084	.00527	.00009	.00277
#2	.06734	.00010	.00246	-.00164	.00621	-.00052	.00044

Sample Name: CCB07 Acquired: 11/6/2018 16:48:32 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01113	-.0034	.00002	F 2.8051	F 1.1205
Stddev	.00025	.0014	.00004	.2352	.1605
%RSD	2.2297	40.42	231.82	8.3843	14.322

#1	-.01096	-.0044	-.00001	2.6388	1.2340
#2	-.01131	-.0025	.00005	2.9714	1.0070

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.2	46691.	3659.0	100.08	4063.2
Stddev	26.3	119.	22.7	3.87	20.1
%RSD	.75305	.25449	.62156	3.8623	.49541

#1	3514.8	46607.	3643.0	97.350	4077.4
#2	3477.6	46775.	3675.1	102.82	4049.0

Sample Name: J5815-05MSD Acquired: 11/6/2018 16:52:38 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77760	1.8559	1.0906	1.8417	.12429	85.788	.33232	.19521	.18565
Stddev	.00071	.0110	.0062	.0051	.00227	.165	.00204	.00005	.00094
%RSD	.09157	.59242	.56380	.27883	1.8227	.19226	.61358	.02395	.50759

#1	.77710	1.8481	1.0862	1.8381	.12269	85.671	.33088	.19517	.18499
#2	.77811	1.8636	1.0949	1.8453	.12589	85.905	.33376	.19524	.18632

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6824	1.2573	.20412	.31652	54.396	.39492	5.5920	.49834	.06378
Stddev	.0527	.0035	.00129	.00038	.217	.00050	.0134	.00212	.00003
%RSD	1.1246	.27565	.63071	.11943	.39856	.12623	.24006	.42544	.05153

#1	4.6452	1.2549	.20321	.31625	54.243	.39456	5.5825	.49684	.06376
#2	4.7196	1.2598	.20503	.31678	54.549	.39527	5.6015	.49983	.06380

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.255	.39975	.29345	10.960	.32311	.24220	.20411	1.5637	.56439
Stddev	.063	.00038	.00281	.065	.00125	.01121	.00098	.0026	.00300
%RSD	.56278	.09579	.95925	.59111	.38532	4.6267	.48092	.16484	.53086

#1	11.210	.39948	.29146	10.914	.32399	.25013	.20342	1.5619	.56227
#2	11.300	.40002	.29544	11.005	.32223	.23428	.20481	1.5655	.56651

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39464	.22255	5.967	.18374	.27918	1.4274
Stddev	.00188	.00210	.029	.00149	.13789	.0318
%RSD	.47586	.94432	.4899	.81051	49.391	2.2298

#1	.39331	.22107	5.946	.18479	.18168	1.4049
#2	.39596	.22404	5.987	.18268	.37668	1.4499

Sample Name: J5815-05MSD Acquired: 11/6/2018 16:52:38 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.4	47270.	3844.9	98.642	3834.7
Stddev	16.9	5.	18.6	.449	3.7
%RSD	.46827	.01114	.48272	.45497	.09703
#1	3589.5	47267.	3858.0	98.959	3837.3
#2	3613.4	47274.	3831.8	98.325	3832.1

Sample Name: J5815-05A Acquired: 11/6/2018 16:56:26 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79006	1.8905	1.1073	1.8803	.12343	86.275	.33534	.19701	.18946
Stddev	.00023	.0042	.0032	.0014	.00014	.231	.00260	.00020	.00030
%RSD	.02882	.22009	.28468	.07567	.11420	.26825	.77478	.10108	.15850

#1	.78990	1.8935	1.1095	1.8793	.12353	86.439	.33717	.19687	.18968
#2	.79022	1.8876	1.1050	1.8813	.12333	86.111	.33350	.19715	.18925

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6924	1.2702	.20831	.32198	54.528	.39853	5.6329	.50775	.06344
Stddev	.0199	.0006	.00010	.00043	.253	.00038	.0571	.00007	.00034
%RSD	.42472	.04552	.04992	.13294	.46436	.09517	1.0135	.01426	.54277

#1	4.6783	1.2706	.20839	.32168	54.349	.39880	5.6732	.50780	.06320
#2	4.7065	1.2698	.20824	.32228	54.707	.39826	5.5925	.50769	.06368

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.415	.40416	.29476	11.145	.32969	.23757	.20565	1.5655	.57782
Stddev	.034	.00041	.00194	.009	.00016	.00267	.00103	.0016	.00146
%RSD	.29490	.10131	.65910	.08137	.04803	1.1218	.50084	.10290	.25296

#1	11.439	.40445	.29338	11.138	.32958	.23946	.20638	1.5667	.57886
#2	11.391	.40387	.29613	11.151	.32980	.23569	.20493	1.5644	.57679

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39900	.22484	6.089	.18850	.69849	1.3622
Stddev	.00244	.00421	.002	.00046	.18989	.1267
%RSD	.61270	1.8726	.0384	.24239	27.186	9.2994

#1	.39727	.22186	6.090	.18817	.56421	1.4518
#2	.40073	.22781	6.087	.18882	.83276	1.2726

Sample Name: J5815-05A Acquired: 11/6/2018 16:56:26 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3574.2	47005.	3802.4	99.018	3793.0
Stddev	12.2	144.	14.3	.470	10.7
%RSD	.34017	.30648	.37638	.47453	.28223
#1	3565.6	46903.	3792.2	99.350	3785.5
#2	3582.8	47107.	3812.5	98.686	3800.6

Sample Name: PB114553BL Acquired: 11/6/2018 17:00:15 Type: Unk
Method: P4-ICP2(v2552) 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	.00066	.00044	-.00048	-.00405	.00086	.00361	.00088
Stddev	.00242	.00021	.00033	.00200	.00197	.00159	.00005
%RSD	363.44	47.446	69.032	49.444	229.25	44.004	5.5173

#1	-.00104	.00059	-.00072	-.00546	.00225	.00473	.00085
#2	.00237	.00029	-.00025	-.00263	-.00053	.00249	.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00002	-.00373	-.00023	-.00010	.00022	.00215
Stddev	.00005	.00001	.02824	.00006	.00010	.00011	.02021
%RSD	232.90	39.614	756.24	27.048	95.379	48.834	940.63

#1	.00001	.00003	.01623	-.00028	-.00017	.00029	.01644
#2	-.00006	.00001	-.02370	-.00019	-.00003	.00014	-.01214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00847	.00108	.00003	-.71856	-.00026	-.00077
Stddev	.00004	.01968	.00005	.00019	.01067	.00042	.00002
%RSD	86.050	232.19	4.7664	652.94	1.4849	160.72	2.4188

#1	-.00008	.02239	.00104	-.00011	-.72611	.00004	-.00078
#2	-.00002	-.00544	.00111	.00016	-.71102	-.00056	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01617	-.00002	.00168	-.00154	.00441	-.00011	.00203
Stddev	.00597	.00002	.00490	.00538	.00251	.00023	.00089
%RSD	36.939	75.850	290.75	348.76	56.909	208.89	43.735

#1	.01195	-.00001	.00515	-.00535	.00619	-.00028	.00140
#2	.02040	-.00003	-.00178	.00226	.00264	.00005	.00266

Sample Name: PB114553BL Acquired: 11/6/2018 17:00:15 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01141	-.0020	.00002	F 2.8032	F .89954
Stddev	.00084	.0009	.00004	.2422	.07453
%RSD	7.3785	46.13	163.40	8.6387	8.2851

#1	-.01082	-.0026	.00005	2.6319	.84684
#2	-.01201	-.0013	-.00000	2.9744	.95224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.1	46998.	3652.6	99.988	4049.2
Stddev	37.4	743.	10.5	.218	33.6
%RSD	1.0730	1.5804	.28809	.21805	.82963

#1	3462.6	47523.	3660.1	100.14	4025.5
#2	3515.5	46472.	3645.2	99.833	4073.0

Sample Name: J5804-03 Acquired: 11/6/2018 17:08:09 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00083	-.00157	-.00563	.00485	.10121	.28791	-.00025
Stddev	.00198	.00006	.00046	.00221	.00054	.00639	.00069	.00001
%RSD	455.00	7.1136	29.215	39.257	11.078	6.3104	.24040	2.9202

#1	.00096	-.00087	-.00125	-.00407	.00523	.10572	.28742	-.00025
#2	-.00183	-.00078	-.00189	-.00720	.00447	.09669	.28840	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	4.4880	.00060	.00032	.05407	10.893	.12684	.59695
Stddev	.00003	.0512	.00016	.00011	.00069	.130	.00055	.03107
%RSD	17.409	1.1406	27.185	33.006	1.2803	1.1930	.43489	5.2044

#1	-.00017	4.4518	.00048	.00040	.05358	10.801	.12645	.57498
#2	-.00022	4.5242	.00071	.00025	.05456	10.985	.12723	.61892

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00055	2.9091	.00051	.12412	.93660	.00061	.06423
Stddev	.00004	.00012	.0458	.00017	.00092	.03604	.00009	.00282
%RSD	1.2882	21.966	1.5743	32.881	.74100	3.8484	14.652	4.3909

#1	.00330	-.00047	2.8767	.00039	.12347	.91112	.00067	.06622
#2	.00336	-.00064	2.9415	.00063	.12477	.96209	.00055	.06223

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98128	.22651	.00026	.03828	-.01148	.0568	.00889	2.5498
Stddev	.00511	.00094	.00050	.00334	.00089	.0002	.00016	.0878
%RSD	.52051	.41469	190.87	8.7262	7.7430	.4303	1.7712	3.4417

#1	.97767	.22584	-.00009	.04064	-.01211	.0570	.00900	2.6118
#2	.98489	.22717	.00061	.03592	-.01085	.0567	.00878	2.4877

Sample Name: J5804-03 Acquired: 11/6/2018 17:08:09 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6243
Stddev .0772
%RSD 2.9436

#1 2.5697
#2 2.6789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.8	47366.	3721.4	99.075	4052.2
Stddev	.4	79.	12.3	.153	.1
%RSD	.01148	.16751	.33053	.15464	.00186

#1	3519.0	47309.	3730.1	99.183	4052.3
#2	3518.5	47422.	3712.7	98.967	4052.2

Sample Name: PB114552BL Acquired: 11/6/2018 17:12:12 Type: Unk
Method: P4-ICP2(v2552) 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	-.00051	.00098	-.00003	-.00210	.00080	.00422	.00123
Stddev	.00001	.00026	.00010	.00142	.00208	.01791	.00058
%RSD	2.8285	26.404	361.56	67.528	259.24	424.57	46.676

#1	-.00050	.00117	-.00009	-.00311	-.00067	.01688	.00164
#2	-.00052	.00080	.00004	-.00110	.00228	-.00844	.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	.01128	-.00040	.00009	-.00043	.01650
Stddev	.00002	.00001	.00273	.00043	.00019	.00005	.00130
%RSD	160.06	37.884	24.163	107.94	202.83	10.796	7.8797

#1	.00003	.00004	.01321	-.00070	-.00004	-.00040	.01558
#2	-.00000	.00002	.00935	-.00009	.00022	-.00047	.01742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.03493	.00097	.00047	-.74718	-.00016	-.00071
Stddev	.00000	.01993	.00007	.00012	.00268	.00017	.00008
%RSD	38.988	57.058	7.6002	25.639	.35827	100.31	10.999

#1	.00001	.02084	.00103	.00056	-.74528	-.00005	-.00065
#2	.00001	.04902	.00092	.00039	-.74907	-.00028	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04336	-.00010	-.00939	.00009	.00302	-.00002	.00282
Stddev	.00113	.00001	.00543	.00355	.00170	.00021	.00321
%RSD	2.6069	14.022	57.803	3931.7	56.172	1154.7	113.96

#1	.04256	-.00009	-.01322	-.00242	.00423	.00013	.00055
#2	.04416	-.00011	-.00555	.00260	.00182	-.00017	.00509

Sample Name: PB114552BL Acquired: 11/6/2018 17:12:12 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01149	-.0023	-.00001	F 2.8986	F .89592
Stddev	.00129	.0001	.00002	.0784	.13870
%RSD	11.240	5.836	158.99	2.7051	15.481

#1	-.01241	-.0024	.00000	2.9541	.99399
#2	-.01058	-.0023	-.00003	2.8432	.79784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.8	46522.	3578.8	97.883	4059.3
Stddev	24.1	194.	21.1	.083	31.5
%RSD	.68870	.41595	.58835	.08428	.77671

#1	3484.8	46385.	3563.9	97.825	4037.0
#2	3518.9	46659.	3593.7	97.942	4081.6

Sample Name: PB114552BS Acquired: 11/6/2018 17:16:17 Type: Unk
Method: P4-ICP2(v2552) 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	.79366	1.8742	.98240	1.9358	.83151	2.1154	.21798	.19340
Stddev	.00403	.0122	.00082	.0063	.00012	.0375	.00029	.00012
%RSD	.50766	.65054	.08366	.32619	.01396	1.7739	.13511	.06169
#1	.79081	1.8656	.98182	1.9313	.83160	2.0888	.21778	.19348
#2	.79651	1.8828	.98298	1.9402	.83143	2.1419	.21819	.19332
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18539	1.1710	.37823	.19619	.31388	2.7653	.21750	1.9521
Stddev	.00010	.0255	.00090	.00097	.00129	.0121	.00005	.0647
%RSD	.05471	2.1735	.23791	.49458	.40943	.43881	.02144	3.3135
#1	.18532	1.1530	.37759	.19551	.31297	2.7567	.21747	1.9064
#2	.18546	1.1890	.37886	.19688	.31479	2.7739	.21753	1.9979
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46715	.06625	2.8904	.28409	.18792	9.7609	.40656	.29530
Stddev	.00064	.00004	.0193	.00126	.00127	.0403	.00209	.00481
%RSD	.13792	.06426	.66752	.44340	.67405	.41343	.51521	1.6293
#1	.46761	.06622	2.8767	.28498	.18882	9.7324	.40508	.29871
#2	.46670	.06628	2.9040	.28320	.18703	9.7895	.40804	.29190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01042	.87066	.60682	.20965	.19981	5.131	.20073	F 2.7167
Stddev	.00099	.01346	.00021	.00138	.00289	.007	.00018	.1268
%RSD	9.5281	1.5462	.03526	.65696	1.4440	.1449	.08845	4.6693
#1	.00971	.88018	.60667	.21063	.19777	5.126	.20060	2.8064
#2	.01112	.86114	.60697	.20868	.20185	5.137	.20085	2.6270

Sample Name: PB114552BS Acquired: 11/6/2018 17:16:17 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .02113
Stddev .12818
%RSD 606.70

#1 -.06951
#2 .11177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3478.3	46456.	3603.5	99.788	3964.5
Stddev	3.7	130.	33.2	.996	12.2
%RSD	.10757	.27903	.92183	.99796	.30674

#1	3475.7	46365.	3580.0	99.083	3955.9
#2	3481.0	46548.	3627.0	100.49	3973.1

Sample Name: J5816-03 Acquired: 11/6/2018 17:20:09 Type: Unk
Method: P4-ICP2(v2552) 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	.01226	-.01033	.26881	-.02699	.01136	156.91	.97944
Stddev	.00008	.00258	.00424	.00335	.00076	.63	.00732
%RSD	.65428	24.939	1.5772	12.410	6.7186	.40242	.74713

#1	.01232	-.00851	.26581	-.02462	.01190	156.46	.98461
#2	.01221	-.01215	.27181	-.02936	.01082	157.35	.97427

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00737	-.00559	49.414	.21680	.17553	-.12408	364.60
Stddev	.00040	.00061	.130	.00044	.00000	.00666	6.41
%RSD	5.3689	10.931	.26283	.20286	.00276	5.3641	1.7568

#1	.00765	-.00602	49.505	.21649	.17553	-.12879	369.13
#2	.00709	-.00516	49.322	.21711	.17553	-.11938	360.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5090	48.060	.30230	-.00306	7.5967	.31526	.65355
Stddev	.0104	.340	.00033	.00125	.0389	.00112	.01394
%RSD	.18970	.70821	.10834	40.734	.51257	.35545	2.1322

#1	5.5164	48.300	.30253	-.00218	7.6243	.31447	.66341
#2	5.5016	47.819	.30207	-.00394	7.5692	.31605	.64370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.506	.00385	.04339	3.0632	6.5787	.01565	2.4584
Stddev	.004	.00013	.01143	.0029	.0441	.00037	.0093
%RSD	.01843	3.4310	26.350	.09502	.67094	2.3731	.37781

#1	20.509	.00376	.05148	3.0652	6.6099	.01539	2.4650
#2	20.504	.00395	.03531	3.0611	6.5475	.01592	2.4518

Sample Name: J5816-03 Acquired: 11/6/2018 17:20:09 Type: Unk
 Method: P4-ICP2(v2552) 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	.15042	4.529	-.28146	<.00000	F<.00000
Stddev	.00054	.014	.00713	.26081	.53977
%RSD	.36199	.2973	2.5333	1.7072	.82975

#1	.15004	4.539	-.28650	-15.092	-65.434
#2	.15081	4.520	-.27642	-15.461	-64.671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3979.3	52717.	4339.8	92.489	3484.0
Stddev	1.6	157.	31.2	1.859	15.7
%RSD	.04110	.29744	.71995	2.0100	.45048

#1	3980.5	52606.	4317.8	91.175	3472.9
#2	3978.2	52828.	4361.9	93.804	3495.1

Sample Name: J5816-03DUP Acquired: 11/6/2018 17:24:11 Type: Unk
Method: P4-ICP2(v2552) 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	.01166	-.01024	.26681	-.02215	.01126	155.17	.97159
Stddev	.00222	.00131	.00358	.00314	.00040	1.03	.00228
%RSD	19.035	12.829	1.3404	14.173	3.5492	.66355	.23469

#1	.01322	-.00931	.26933	-.02437	.01154	155.90	.96997
#2	.01009	-.01117	.26428	-.01993	.01098	154.44	.97320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00725	-.00528	48.795	.21189	.17366	-.11776	358.06
Stddev	.00013	.00092	.262	.00061	.00047	.00196	4.99
%RSD	1.8255	17.361	.53679	.28876	.26944	1.6613	1.3940

#1	.00735	-.00463	48.609	.21232	.17333	-.11638	354.53
#2	.00716	-.00593	48.980	.21145	.17399	-.11915	361.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4146	47.017	.30115	-.00335	7.5051	.31015	.63934
Stddev	.0034	.235	.00075	.00088	.0009	.00219	.01183
%RSD	.06315	.50065	.24998	26.288	.01227	.70660	1.8504

#1	5.4122	46.851	.30062	-.00397	7.5045	.31170	.63097
#2	5.4171	47.184	.30168	-.00272	7.5058	.30860	.64770

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.328	.00388	.04522	3.0517	6.3596	.01400	2.4168
Stddev	.031	.00017	.00664	.0050	.0201	.00089	.0036
%RSD	.15156	4.4421	14.688	.16434	.31578	6.3581	.14673

#1	20.306	.00376	.04052	3.0553	6.3738	.01337	2.4193
#2	20.350	.00400	.04991	3.0482	6.3454	.01463	2.4143

Sample Name: J5816-03DUP Acquired: 11/6/2018 17:24:11 Type: Unk
Method: P4-ICP2(v2552) 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	.14880	4.504	-.27576	<.00000	F<.00000
Stddev	.00038	.009	.00599	.51145	.76041
%RSD	.25770	.2001	2.1723	3.3717	1.1640

#1	.14852	4.498	-.27152	-14.807	-64.790
#2	.14907	4.510	-.28000	-15.531	-65.865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.2	53094.	4377.6	94.234	3507.7
Stddev	7.3	243.	26.9	1.631	3.7
%RSD	.18198	.45689	.61516	1.7309	.10508

#1	4003.4	52922.	4396.6	95.388	3505.1
#2	3993.1	53265.	4358.5	93.081	3510.3

Sample Name: J5816-03LX5 Acquired: 11/6/2018 17:28:14 Type: Unk
Method: P4-ICP2(v2552) 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	.00546	-.00129	.05440	-.01082	.00236	34.940	.22796	.00144
Stddev	.00052	.00059	.00039	.00442	.00106	.167	.00212	.00011
%RSD	9.5662	45.931	.72606	40.821	45.058	.47926	.93106	7.4864

#1	.00583	-.00087	.05412	-.00770	.00311	34.822	.22646	.00152
#2	.00509	-.00171	.05468	-.01394	.00161	35.059	.22947	.00136

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	11.524	.05086	.03443	-.01731	72.302	1.3067	11.322
Stddev	.00009	.102	.00049	.00003	.00018	.370	.0010	.044
%RSD	5.4560	.88657	.97302	.07741	1.0602	.51160	.07573	.38442

#1	-.00158	11.452	.05121	.03445	-.01718	72.040	1.3060	11.291
#2	-.00171	11.596	.05051	.03441	-.01744	72.563	1.3074	11.353

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06014	-.00278	1.2047	.07196	.13311	4.7898	.00093	-.00949
Stddev	.00044	.00019	.0119	.00060	.00064	.0285	.00022	.00337
%RSD	.72704	6.9607	.98546	.83516	.48295	.59542	23.770	35.493

#1	.06045	-.00264	1.2131	.07154	.13265	4.7697	.00108	-.01187
#2	.05983	-.00291	1.1963	.07239	.13356	4.8100	.00077	-.00711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58992	1.6071	.00335	.56569	.02645	.8781	-.05171	<.00000
Stddev	.00041	.0052	.00042	.00693	.00036	.0024	.00014	.10998
%RSD	.06915	.32033	12.431	1.2251	1.3734	.2777	.26574	21.648

#1	.59021	1.6035	.00364	.56079	.02619	.8798	-.05161	-.43028
#2	.58963	1.6108	.00305	.57059	.02671	.8763	-.05181	-.58582

Sample Name: J5816-03LX5 Acquired: 11/6/2018 17:28:14 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0226
Stddev .4800
%RSD 23.734

#1 1.6832
#2 2.3621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.0	47386.	3775.4	96.659	3819.3
Stddev	14.4	30.	12.5	.012	24.7
%RSD	.39669	.06283	.33047	.01193	.64548

#1	3608.9	47365.	3784.3	96.667	3801.9
#2	3629.2	47407.	3766.6	96.651	3836.7

Sample Name: PB114553BS Acquired: 11/6/2018 17:32:14 Type: Unk
Method: P4-ICP2(v2552) 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	.77364	1.8635	.96427	1.9161	.79494	2.0659	.21227	.19309
Stddev	.00194	.0053	.00015	.0058	.00018	.0059	.00098	.00022
%RSD	.25082	.28397	.01598	.30150	.02263	.28550	.45987	.11467
#1	.77227	1.8672	.96438	1.9121	.79481	2.0618	.21158	.19293
#2	.77501	1.8597	.96416	1.9202	.79507	2.0701	.21296	.19324
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18226	1.1172	.37200	.19084	.30845	2.7290	.21055	1.8890
Stddev	.00017	.0140	.00041	.00043	.00125	.0602	.00022	.1076
%RSD	.09229	1.2517	.11041	.22738	.40458	2.2071	.10603	5.6978
#1	.18214	1.1073	.37171	.19115	.30756	2.7716	.21071	1.8129
#2	.18238	1.1270	.37229	.19054	.30933	2.6864	.21039	1.9651
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45975	.06596	2.5062	.27915	.18641	9.5869	.38489	.29584
Stddev	.00087	.00092	.0076	.00066	.00526	.0617	.00103	.00915
%RSD	.18816	1.4017	.30456	.23711	2.8209	.64389	.26772	3.0929
#1	.45914	.06662	2.5008	.27868	.19013	9.5433	.38416	.30231
#2	.46037	.06531	2.5116	.27961	.18269	9.6306	.38562	.28937
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00621	.85576	.58864	.19817	.19659	5.105	.19637	F 2.2645
Stddev	.00123	.00291	.00187	.00167	.00188	.010	.00005	.3320
%RSD	19.859	.34000	.31845	.84442	.95742	.1897	.02343	14.663
#1	.00534	.85370	.58732	.19936	.19525	5.098	.19640	2.4992
#2	.00708	.85781	.58997	.19699	.19792	5.112	.19634	2.0297

Sample Name: PB114553BS Acquired: 11/6/2018 17:32:14 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .16769
Stddev .03329
%RSD 19.851

#1 .14415
#2 .19123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.0	46576.	3622.1	99.421	3980.1
Stddev	3.8	305.	50.7	2.870	9.7
%RSD	.10829	.65425	1.3985	2.8864	.24289

#1	3521.3	46361.	3586.3	97.392	3973.3
#2	3526.7	46792.	3657.9	101.45	3987.0

Sample Name: CCV08 Acquired: 11/6/2018 17:40:04 Type: Unk
Method: P4-ICP2(v2552) 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	5.1410	4.8244	5.0553	5.0777	5.3265	10.852	10.299	.25631
Stddev	.0148	.0198	.0006	.0057	.0094	.059	.063	.00068
%RSD	.28831	.41102	.01167	.11289	.17706	.54122	.61516	.26654
#1	5.1515	4.8385	5.0549	5.0817	5.3331	10.894	10.344	.25679
#2	5.1305	4.8104	5.0558	5.0736	5.3198	10.811	10.254	.25582
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4266	26.992	.93378	2.4724	1.2769	4.5544	2.5826	23.891
Stddev	.0050	.012	.00077	.0019	.0023	.0905	.0022	.043
%RSD	.20438	.04520	.08235	.07543	.17991	1.9868	.08370	.18196
#1	2.4301	27.001	.93432	2.4737	1.2785	4.6184	2.5810	23.860
#2	2.4231	26.983	.93324	2.4711	1.2752	4.4904	2.5841	23.922
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3753	1.2007	23.283	2.3646	2.3989	23.926	4.9225	4.8968
Stddev	.0017	.0020	.180	.0066	.0225	.051	.0170	.0445
%RSD	.07092	.16836	.77317	.27829	.93847	.21139	.34535	.90949
#1	2.3764	1.1993	23.410	2.3692	2.4148	23.962	4.9345	4.9283
#2	2.3741	1.2022	23.156	2.3599	2.3830	23.890	4.9104	4.8653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6774	4.7127	4.5170	4.9586	5.0198	4.794	4.8560	F 4.0960
Stddev	.0076	.0228	.0012	.0262	.0217	.008	.0242	.1805
%RSD	.16295	.48304	.02593	.52803	.43141	.1630	.49805	4.4071
#1	4.6828	4.6967	4.5178	4.9771	5.0351	4.799	4.8731	3.9684
#2	4.6720	4.7288	4.5162	4.9401	5.0045	4.788	4.8389	4.2237

Sample Name: CCV08 Acquired: 11/6/2018 17:40:04 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5964
Stddev .4787
%RSD 18.437

#1 2.9349
#2 2.2579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.9	44667.	3638.4	96.512	3619.0
Stddev	17.1	117.	.5	1.103	12.9
%RSD	.50352	.26184	.01455	1.1427	.35756

#1	3382.8	44584.	3638.0	95.732	3609.9
#2	3407.0	44749.	3638.7	97.292	3628.2

Sample Name: CCB08 Acquired: 11/6/2018 17:43:49 Type: Unk
Method: P4-ICP2(v2552) 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	.00106	.00131	-.00040	-.00237	.00075	.00558	.00067
Stddev	.00164	.00107	.00044	.00210	.00024	.00838	.00051
%RSD	155.43	81.570	109.56	88.681	32.529	150.09	76.183

#1	.00222	.00056	-.00009	-.00088	.00092	-.00034	.00031
#2	-.00010	.00207	-.00071	-.00385	.00058	.01150	.00103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	-.00093	-.00016	.00007	-.00015	.00723
Stddev	.00003	.00003	.00489	.00009	.00004	.00030	.00239
%RSD	57.790	93.647	526.29	56.806	60.173	205.20	33.117

#1	.00008	.00001	.00253	-.00023	.00010	-.00036	.00554
#2	.00003	.00005	-.00438	-.00010	.00004	.00007	.00892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01934	.00108	-.00012	-.73524	-.00005	-.00073
Stddev	.00000	.03092	.00005	.00020	.00215	.00055	.00006
%RSD	1.3175	159.88	4.6154	162.98	.29268	1020.4	7.5483

#1	-.00004	-.00252	.00111	.00002	-.73372	-.00044	-.00069
#2	-.00004	.04121	.00104	-.00026	-.73676	.00034	-.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06213	.00052	-.00813	.00140	.00426	-.00007	.00175
Stddev	.05751	.00005	.00028	.00058	.00130	.00079	.00120
%RSD	92.569	8.7367	3.3905	41.527	30.486	1205.2	68.937

#1	.10280	.00055	-.00832	.00099	.00335	.00049	.00090
#2	.02146	.00049	-.00793	.00182	.00518	-.00062	.00260

Sample Name: CCB08 Acquired: 11/6/2018 17:43:49 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01258	-.0019	.00007	F 2.4606	F 1.3664
Stddev	.00002	.0004	.00009	.0955	.0317
%RSD	.17797	22.24	121.50	3.8815	2.3207

#1	-.01259	-.0016	.00013	2.5282	1.3440
#2	-.01256	-.0021	.00001	2.3931	1.3888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.9	46964.	3618.5	98.142	4075.9
Stddev	4.3	73.	8.0	1.261	2.4
%RSD	.12088	.15495	.22082	1.2849	.06003

#1	3542.9	47015.	3612.9	97.250	4077.6
#2	3536.8	46913.	3624.2	99.033	4074.2

Sample Name: J5816-03MS Acquired: 11/6/2018 17:47:54 Type: Unk
Method: P4-ICP2(v2552) 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	.68297	1.8905	1.2782	1.4492	.15282	170.69	1.2255
Stddev	.00238	.0103	.0038	.0027	.00044	.91	.0008
%RSD	.34905	.54615	.29632	.18886	.28851	.53179	.06170

#1	.68128	1.8978	1.2809	1.4473	.15251	171.34	1.2250
#2	.68465	1.8832	1.2756	1.4512	.15313	170.05	1.2261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18352	.19027	52.868	.51460	.38376	.19121	316.81
Stddev	.00059	.00070	.276	.00077	.00079	.00042	2.63
%RSD	.32114	.36961	.52266	.15018	.20656	.22179	.82867

#1	.18394	.19077	52.672	.51405	.38432	.19151	314.96
#2	.18310	.18977	53.063	.51514	.38320	.19091	318.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0845	51.614	.79809	.05566	10.426	.52052	.87742
Stddev	.0210	.329	.00330	.00067	.050	.00091	.00395
%RSD	.25975	.63657	.41321	1.1977	.48427	.17554	.45065

#1	8.0994	51.382	.80042	.05519	10.391	.51988	.87462
#2	8.0697	51.847	.79576	.05613	10.462	.52117	.88022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.677	.30012	.22021	2.4849	8.7909	.61972	2.2454
Stddev	.210	.00057	.00289	.0037	.0694	.00195	.0026
%RSD	.70608	.19132	1.3118	.14817	.78953	.31462	.11523

#1	29.529	.29972	.21817	2.4823	8.7419	.62110	2.2473
#2	29.826	.30053	.22225	2.4875	8.8400	.61834	2.2436

Sample Name: J5816-03MS Acquired: 11/6/2018 17:47:54 Type: Unk
 Method: P4-ICP2(v2552) 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	.34065	F 10.34	-.02822	<.00000	F<.00000
Stddev	.00055	.09	.00252	.17558	.76239
%RSD	.16042	.8594	8.9296	1.5215	1.4151

#1	.34026	10.40	-.02644	-11.416	-53.338
#2	.34103	10.27	-.03000	-11.664	-54.416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.2	52618.	4336.2	93.247	3511.2
Stddev	1.7	222.	17.6	.617	18.3
%RSD	.04352	.42253	.40620	.66160	.52253

#1	4006.0	52461.	4348.6	93.683	3498.2
#2	4008.5	52776.	4323.7	92.811	3524.2

Sample Name: J5816-03MSD Acquired: 11/6/2018 17:52:52 Type: Unk
Method: P4-ICP2(v2552) 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	.67354	1.8860	1.2725	1.4390	.14997	171.60	1.2154
Stddev	.00067	.0078	.0070	.0041	.00149	.76	.0095
%RSD	.09937	.41560	.55012	.28588	.99384	.44449	.77900

#1	.67307	1.8916	1.2774	1.4361	.14891	171.06	1.2221
#2	.67401	1.8805	1.2675	1.4419	.15102	172.14	1.2087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18363	.18996	53.099	.51334	.38165	.19490	307.81
Stddev	.00029	.00133	.330	.00079	.00155	.00244	1.48
%RSD	.15839	.70134	.62218	.15310	.40512	1.2543	.47953

#1	.18383	.19090	53.333	.51278	.38274	.19663	306.77
#2	.18342	.18902	52.866	.51389	.38056	.19318	308.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0915	51.259	.79458	.05415	10.299	.52196	.85654
Stddev	.0141	.157	.00251	.00009	.098	.00138	.00223
%RSD	.17380	.30697	.31646	.17129	.95609	.26460	.26005

#1	8.0816	51.371	.79635	.05421	10.368	.52294	.85497
#2	8.1015	51.148	.79280	.05408	10.229	.52099	.85812

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.638	.29821	.19682	2.4822	8.7719	.61922	2.2460
Stddev	.138	.00074	.01220	.0040	.0429	.00121	.0095
%RSD	.46526	.24685	6.2006	.16050	.48874	.19523	.42134

#1	29.735	.29769	.18819	2.4850	8.8022	.62007	2.2527
#2	29.540	.29874	.20545	2.4794	8.7416	.61836	2.2393

Sample Name: J5816-03MSD Acquired: 11/6/2018 17:52:52 Type: Unk
Method: P4-ICP2(v2552) 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	.34176	F 10.34	-.02211	<.00000	F<.00000
Stddev	.00267	.04	.00373	.42038	.04076
%RSD	.78006	.3724	16.846	4.0125	.07556

#1	.34364	10.37	-.01948	-10.774	-53.916
#2	.33987	10.32	-.02475	-10.180	-53.974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.3	52224.	4338.3	95.284	3500.2
Stddev	10.9	21.	38.1	.023	24.6
%RSD	.27048	.04016	.87880	.02380	.70300

#1	4010.6	52209.	4311.3	95.300	3482.8
#2	4026.0	52239.	4365.2	95.268	3517.6

Sample Name: J5816-03A Acquired: 11/6/2018 17:56:49 Type: Unk
Method: P4-ICP2(v2552) 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	.67887	1.8905	1.2651	1.4448	.15203	169.10	1.2226
Stddev	.00261	.0029	.0057	.0011	.00156	.49	.0080
%RSD	.38443	.15290	.45171	.07611	1.0269	.28777	.65591

#1	.67703	1.8925	1.2691	1.4440	.15313	169.45	1.2283
#2	.68072	1.8884	1.2610	1.4456	.15092	168.76	1.2169

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18346	.18961	52.182	.51495	.38353	.18852	318.35
Stddev	.00062	.00068	.356	.00303	.00079	.00438	5.25
%RSD	.33821	.35744	.68310	.58861	.20590	2.3259	1.6492

#1	.18302	.19009	52.435	.51280	.38297	.19162	314.63
#2	.18390	.18913	51.930	.51709	.38409	.18541	322.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0529	51.415	.79797	.05518	10.413	.52165	.87400
Stddev	.0121	.539	.00197	.00114	.046	.00355	.01525
%RSD	.15004	1.0481	.24694	2.0569	.44632	.68057	1.7453

#1	8.0444	51.796	.79657	.05438	10.446	.51914	.86322
#2	8.0615	51.033	.79936	.05599	10.380	.52416	.88479

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.766	.29963	.20511	2.4883	8.7510	.62282	2.2627
Stddev	.164	.00069	.00809	.0064	.0546	.00132	.0142
%RSD	.55094	.23004	3.9442	.25644	.62370	.21152	.62881

#1	29.882	.29914	.21083	2.4838	8.7896	.62189	2.2728
#2	29.650	.30011	.19939	2.4929	8.7124	.62376	2.2527

Sample Name: J5816-03A Acquired: 11/6/2018 17:56:49 Type: Unk
 Method: P4-ICP2(v2552) 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	.34002	F 10.39	-.03047	<.00000	F<.00000
Stddev	.00036	.02	.00841	.25136	.10097
%RSD	.10616	.1538	27.604	2.1691	.19133

#1	.34027	10.40	-.02453	-11.411	-52.843
#2	.33976	10.38	-.03642	-11.766	-52.701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4019.8	52963.	4365.3	93.726	3498.6
Stddev	6.8	89.	17.7	1.649	2.0
%RSD	.16847	.16824	.40476	1.7596	.05803

#1	4015.0	52900.	4352.8	94.892	3497.2
#2	4024.6	53026.	4377.8	92.559	3500.1

Sample Name: J5816-07 Acquired: 11/6/2018 18:00:47 Type: Unk
Method: P4-ICP2(v2552) 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	.24029	-.00696	1.1958	-.00081	.01464	96.988	1.2042
Stddev	.00256	.00019	.0018	.00024	.00232	.345	.0091
%RSD	1.0654	2.7730	.15118	30.268	15.862	.35616	.75178

#1	.23848	-.00683	1.1945	-.00098	.01299	97.232	1.2106
#2	.24210	-.00710	1.1971	-.00063	.01628	96.743	1.1978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00657	-.00533	53.745	.14712	.13165	.77417	283.20
Stddev	.00040	.00012	.125	.00125	.00028	.00307	1.94
%RSD	6.0398	2.1933	.23271	.85121	.21358	.39621	.68373

#1	.00685	-.00525	53.657	.14800	.13145	.77200	281.83
#2	.00629	-.00541	53.834	.14623	.13185	.77634	284.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3282	31.943	.23190	-.00400	10.718	.28139	.45708
Stddev	.0194	.006	.00106	.00057	.066	.00000	.00463
%RSD	.44827	.01933	.45529	14.125	.61239	.00153	1.0123

#1	4.3145	31.947	.23116	-.00440	10.764	.28140	.45381
#2	4.3419	31.938	.23265	-.00360	10.671	.28139	.46035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2650	.01134	.02103	6.4626	2.4236	.13298	3.1975
Stddev	.0094	.00008	.00294	.0108	.0137	.00045	.0168
%RSD	.10178	.73695	14.000	.16768	.56392	.34150	.52450

#1	9.2716	.01140	.01895	6.4549	2.4139	.13330	3.2093
#2	9.2583	.01128	.02312	6.4703	2.4333	.13265	3.1856

Sample Name: J5816-07 Acquired: 11/6/2018 18:00:47 Type: Unk
 Method: P4-ICP2(v2552) 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	.10041	4.192	-.08199	<.00000	F<.00000
Stddev	.00155	.000	.00246	.14789	.49624
%RSD	1.5414	.0029	2.9978	1.3822	1.2638

#1	.10150	4.192	-.08025	-10.804	-38.916
#2	.09931	4.192	-.08373	-10.595	-39.618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.5	52650.	4340.5	94.637	3626.7
Stddev	4.6	102.	6.3	.862	2.4
%RSD	.11566	.19375	.14492	.91134	.06645

#1	3974.8	52578.	4345.0	95.246	3625.0
#2	3968.3	52722.	4336.1	94.027	3628.4

Sample Name: J5816-11 Acquired: 11/6/2018 18:04:41 Type: Unk
Method: P4-ICP2(v2552) 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	.04563	-.00824	.13648	.01708	-.00165	142.96	6.7588
Stddev	.00128	.00136	.00131	.00018	.00040	.73	.0303
%RSD	2.8002	16.496	.96096	1.0372	24.039	.51078	.44853

#1	.04654	-.00920	.13556	.01721	-.00193	142.44	6.7802
#2	.04473	-.00728	.13741	.01695	-.00137	143.47	6.7374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01306	-.00054	36.363	.21343	.04069	-.02966	74.455
Stddev	.00001	.00010	.266	.00038	.00008	.00024	.111
%RSD	.07513	19.262	.73028	.17575	.20226	.79737	.14954

#1	.01305	-.00062	36.551	.21370	.04063	-.02983	74.534
#2	.01306	-.00047	36.175	.21317	.04075	-.02950	74.377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6827	10.627	.10773	.00161	.91482	.19165	.26725
Stddev	.0005	.045	.00046	.00008	.00017	.00125	.00073
%RSD	.03190	.42073	.42275	4.7613	.01873	.65258	.27309

#1	1.6831	10.596	.10741	.00155	.91470	.19254	.26777
#2	1.6823	10.659	.10805	.00166	.91494	.19077	.26674

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5622	.00058	.03728	F 12.481	1.6657	.00881	.26193
Stddev	.0137	.00020	.00504	.046	.0365	.00022	.00239
%RSD	.53299	33.823	13.506	.37145	2.1933	2.4954	.91373

#1	2.5526	.00072	.03372	12.514	1.6915	.00866	.26024
#2	2.5719	.00044	.04084	12.448	1.6398	.00897	.26362

Sample Name: J5816-11 Acquired: 11/6/2018 18:04:41 Type: Unk
 Method: P4-ICP2(v2552) 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	.10378	4.731	.04723	<.00000	F<.00000
Stddev	.00105	.016	.00004	.28891	.04137
%RSD	1.0095	.3344	.07816	2.2981	.12185

#1	.10452	4.742	.04720	-12.776	-33.976
#2	.10304	4.720	.04726	-12.367	-33.918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6600.8	87132.	7244.8	96.590	3653.0
Stddev	3.2	120.	65.0	.706	18.3
%RSD	.04913	.13772	.89729	.73110	.49961

#1	6598.5	87217.	7198.8	96.091	3640.1
#2	6603.1	87047.	7290.7	97.089	3666.0

Sample Name: J5764-02 Acquired: 11/6/2018 18:08:42 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	-.00141	.06633	.00025	-.00357	.16589	.18881	.00012
Stddev	.00004	.00037	.00030	.00297	.00046	.00747	.00217	.00004
%RSD	1.0978	26.477	.45857	1168.1	12.896	4.5041	1.1498	34.118

#1	.00390	-.00115	.06612	.00236	-.00324	.17117	.18727	.00009
#2	.00396	-.00168	.06655	-.00185	-.00389	.16060	.19035	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	50.374	.00110	.00583	.00296	.50384	.72094	2.1155
Stddev	.00002	.500	.00021	.00018	.00013	.00366	.00095	.1127
%RSD	2.7656	.99270	19.400	3.0974	4.5125	.72622	.13125	5.3263

#1	.00087	50.020	.00095	.00596	.00306	.50643	.72161	2.0359
#2	.00090	50.727	.00125	.00570	.00287	.50126	.72027	2.1952

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00992	-.00031	303.92	.00052	.19005	3.2344	.00010	.00455
Stddev	.00037	.00010	2.29	.00050	.00109	.0398	.00003	.00975
%RSD	3.7455	32.890	.75292	96.690	.57345	1.2313	30.330	214.37

#1	.00966	-.00039	302.31	.00088	.18927	3.2062	.00008	.01144
#2	.01019	-.00024	305.54	.00017	.19082	3.2625	.00012	-.00235

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6381	1.3963	.00085	.00234	-.00408	.0043	.19809	4.6229
Stddev	.0043	.0244	.00041	.00059	.00055	.0009	.00177	.4041
%RSD	.26344	1.7505	48.415	25.195	13.418	20.55	.89565	8.7404

#1	1.6351	1.3790	.00056	.00276	-.00369	.0050	.19683	4.3372
#2	1.6412	1.4135	.00115	.00192	-.00446	.0037	.19934	4.9086

Sample Name: J5764-02 Acquired: 11/6/2018 18:08:42 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4152
Stddev	.0138
%RSD	.57091

#1	2.4055
#2	2.4250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.1	44189.	3687.8	96.367	3574.2
Stddev	10.6	116.	34.1	.731	21.5
%RSD	.31635	.26171	.92464	.75823	.60080

#1	3368.7	44108.	3711.9	96.883	3589.4
#2	3353.6	44271.	3663.7	95.850	3559.0

Sample Name: J5764-02DUP Acquired: 11/6/2018 18:12:50 Type: Unk
Method: P4-ICP2(v2552) 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	-.00068	-.00160	.06561	-.00082	-.00087	.16478	.18952	-.00001
Stddev	.00036	.00215	.00139	.00144	.00025	.00134	.00030	.00002
%RSD	52.915	134.61	2.1147	175.70	28.735	.81156	.15741	312.67

#1	-.00042	-.00311	.06659	-.00184	-.00069	.16383	.18973	.00001
#2	-.00093	-.00008	.06463	.00020	-.00104	.16573	.18931	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	50.893	.00106	.00612	.00321	.50573	.72545	2.0763
Stddev	.00000	.101	.00033	.00036	.00006	.00831	.00139	.0133
%RSD	.50257	.19926	30.710	5.8547	1.8310	1.6435	.19107	.64115

#1	.00089	50.821	.00083	.00637	.00325	.51160	.72447	2.0669
#2	.00090	50.965	.00130	.00587	.00316	.49985	.72643	2.0857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00943	.00007	301.19	.00000	.18709	3.1963	.00036	.00398
Stddev	.00002	.00028	3.15	.00030	.00102	.0226	.00016	.01094
%RSD	.26457	379.84	1.0471	112540.	.54592	.70806	44.994	274.84

#1	.00945	.00027	303.42	-.00021	.18782	3.1803	.00024	-.00375
#2	.00941	-.00012	298.96	.00021	.18637	3.2123	.00047	.01171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6357	1.4070	.00176	.00069	-.00468	.0040	.19783	4.6117
Stddev	.0037	.0073	.00040	.00139	.00310	.0009	.00065	.0655
%RSD	.22848	.51906	22.693	200.85	66.293	22.94	.32866	1.4207

#1	1.6331	1.4018	.00148	-.00029	-.00687	.0034	.19829	4.5654
#2	1.6383	1.4121	.00205	.00167	-.00249	.0047	.19737	4.6580

Sample Name: J5764-02DUP Acquired: 11/6/2018 18:12:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3362
Stddev .1575
%RSD 6.7426

#1 2.2249
#2 2.4476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.5	44030.	3668.4	97.558	3573.8
Stddev	7.7	64.	1.0	.837	12.4
%RSD	.22967	.14531	.02804	.85768	.34584

#1	3379.0	43985.	3669.2	96.967	3565.1
#2	3368.1	44075.	3667.7	98.150	3582.6

Sample Name: J5764-02LX5 Acquired: 11/6/2018 18:16:59 Type: Unk
Method: P4-ICP2(v2552) 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	.00211	.00048	.01387	-.00173	-.00090	.03865	.04044	.00001
Stddev	.00029	.00039	.00031	.00029	.00087	.02139	.00030	.00008
%RSD	13.553	81.228	2.2685	16.896	96.533	55.344	.74511	733.54

#1	.00232	.00076	.01409	-.00194	-.00152	.02352	.04022	.00006
#2	.00191	.00020	.01365	-.00153	-.00029	.05377	.04065	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	10.618	.00006	.00123	.00054	.10733	.15417	.41179
Stddev	.00010	.051	.00050	.00015	.00018	.00572	.00073	.00914
%RSD	68.197	.48055	884.68	12.265	32.877	5.3289	.47139	2.2201

#1	.00008	10.582	-.00030	.00112	.00041	.10329	.15366	.41825
#2	.00022	10.654	.00041	.00133	.00067	.11138	.15468	.40532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	.00037	63.440	-.00013	.04036	.68432	-.00007	-.00230
Stddev	.00022	.00005	.042	.00043	.00030	.03491	.00010	.00611
%RSD	9.5889	14.430	.06559	325.34	.73127	5.1021	142.40	265.10

#1	.00213	.00041	63.469	-.00044	.04015	.65963	.00000	.00202
#2	.00244	.00033	63.410	.00017	.04057	.70901	-.00014	-.00662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32679	.31179	-.00026	.00412	-.00409	-.0006	.04108	3.1624
Stddev	.00786	.00506	.00028	.00052	.00051	.0003	.00015	.1413
%RSD	2.4065	1.6223	108.85	12.686	12.420	50.54	.35514	4.4677

#1	.33235	.30821	-.00045	.00375	-.00445	-.0009	.04119	3.2623
#2	.32123	.31536	-.00006	.00449	-.00373	-.0004	.04098	3.0624

Sample Name: J5764-02LX5 Acquired: 11/6/2018 18:16:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2656
Stddev .0527
%RSD 4.1643

#1 1.2284
#2 1.3029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.6	45873.	3643.8	96.805	3838.0
Stddev	17.8	55.	21.6	.554	30.8
%RSD	.50486	.12082	.59339	.57260	.80129

#1	3518.0	45912.	3659.1	97.197	3816.3
#2	3543.2	45833.	3628.5	96.413	3859.8

Sample Name: J5764-02MS Acquired: 11/6/2018 18:21:02 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81823	1.8467	1.0383	2.0408	.83169	2.3005	.40861	.20183	.19423
Stddev	.00433	.0107	.0070	.0064	.00245	.0641	.00375	.00435	.00115
%RSD	.52979	.58042	.67178	.31433	.29491	2.7880	.91887	2.1538	.59097
#1	.81516	1.8542	1.0432	2.0454	.83342	2.3458	.41127	.20490	.19504
#2	.82129	1.8391	1.0334	2.0363	.82995	2.2551	.40596	.19876	.19342
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.991	.37997	.20427	.30318	3.4324	.92174	4.1705	.48762	.06760
Stddev	.116	.00922	.00141	.00004	.0539	.02368	.1005	.00143	.00195
%RSD	.21893	2.4263	.68922	.01463	1.5707	2.5690	2.4102	.29280	2.8906
#1	53.073	.38649	.20526	.30315	3.3942	.93848	4.2416	.48863	.06898
#2	52.909	.37345	.20327	.30321	3.4705	.90499	4.0995	.48661	.06621
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	313.77	.29401	.38618	13.388	.41180	.31149	1.6248	2.3137	.64585
Stddev	2.30	.00772	.00495	.078	.00015	.00735	.0123	.0178	.00541
%RSD	.73294	2.6264	1.2822	.58289	.03678	2.3595	.75960	.76982	.83693
#1	315.39	.29947	.38267	13.443	.41169	.30630	1.6336	2.3263	.64967
#2	312.14	.28855	.38968	13.333	.41191	.31669	1.6161	2.3011	.64203
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20978	.21594	5.882	.39818	4.2310	1.8393			
Stddev	.00368	.00153	.018	.00368	.2575	.0392			
%RSD	1.7523	.71072	.3090	.92466	6.0864	2.1306			
#1	.21238	.21703	5.895	.40078	4.4131	1.8670			
#2	.20718	.21486	5.869	.39558	4.0490	1.8116			

Sample Name: J5764-02MS Acquired: 11/6/2018 18:21:02 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.9	44522.	3585.7	93.532	3561.0
Stddev	8.0	1151.	28.7	1.150	25.7
%RSD	.23671	2.5850	.79955	1.2296	.72226
#1	3365.2	43709.	3565.4	94.346	3542.8
#2	3376.5	45336.	3606.0	92.719	3579.2

Sample Name: J5764-02MSD Acquired: 11/6/2018 18:24:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82223	1.8644	1.0441	2.0563	.83304	2.3375	.40931	.20555	.19585
Stddev	.00505	.0121	.0098	.0039	.00617	.0222	.00708	.00058	.00157
%RSD	.61358	.64975	.94142	.18729	.74105	.94773	1.7287	.28344	.79935
#1	.81866	1.8559	1.0371	2.0535	.82868	2.3218	.41431	.20514	.19474
#2	.82580	1.8730	1.0510	2.0590	.83741	2.3531	.40431	.20596	.19695
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.582	.38730	.20533	.30596	3.3900	.93851	4.1445	.49186	.06923
Stddev	.436	.00060	.00156	.00312	.0642	.00241	.0907	.00429	.00043
%RSD	.81461	.15484	.76215	1.0209	1.8933	.25699	2.1896	.87195	.62398
#1	53.891	.38687	.20422	.30375	3.4354	.93681	4.2087	.48883	.06892
#2	53.274	.38772	.20644	.30817	3.3446	.94022	4.0803	.49489	.06953
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	314.59	.30004	.38218	13.624	.41420	.32007	1.6426	2.3570	.64982
Stddev	6.19	.00035	.00682	.196	.00373	.01459	.0122	.0362	.00511
%RSD	1.9691	.11521	1.7842	1.4410	.90143	4.5593	.74125	1.5339	.78619
#1	318.97	.30029	.38700	13.762	.41156	.30975	1.6340	2.3826	.64620
#2	310.21	.29980	.37736	13.485	.41684	.33039	1.6512	2.3315	.65343
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20491	.21508	5.928	.39734	5.0676	1.8465			
Stddev	.00708	.00048	.035	.01154	.2915	.4046			
%RSD	3.4533	.22462	.5958	2.9046	5.7529	21.911			
#1	.20992	.21474	5.903	.40550	4.8614	1.5604			
#2	.19991	.21543	5.953	.38918	5.2737	2.1326			

Sample Name: J5764-02MSD Acquired: 11/6/2018 18:24:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3353.8	43898.	3556.9	94.644	3539.7
Stddev	22.7	45.	66.3	2.030	21.3
%RSD	.67784	.10354	1.8653	2.1445	.60041
#1	3369.9	43866.	3510.0	93.209	3554.8
#2	3337.7	43930.	3603.8	96.080	3524.7

Sample Name: CCV09 Acquired: 11/6/2018 18:28:55 Type: Unk
Method: P4-ICP2(v2552) 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	4.9778	4.8332	4.9582	4.9626	5.1481	10.531	10.151	.25257
Stddev	.0057	.0166	.0243	.0102	.0067	.012	.027	.00076
%RSD	.11504	.34299	.49044	.20619	.12991	.11105	.26122	.30268

#1	4.9737	4.8214	4.9410	4.9698	5.1434	10.523	10.132	.25203
#2	4.9818	4.8449	4.9754	4.9553	5.1529	10.539	10.169	.25311

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4042	26.576	.94164	2.4323	1.2588	4.6945	2.5538	23.628
Stddev	.0115	.125	.00433	.0087	.0009	.1346	.0066	.080
%RSD	.48011	.46900	.46024	.35627	.07187	2.8661	.25901	.33714

#1	2.3960	26.488	.94471	2.4262	1.2582	4.5993	2.5492	23.572
#2	2.4123	26.664	.93858	2.4385	1.2595	4.7896	2.5585	23.685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3703	1.1899	23.478	2.3802	2.4765	24.230	4.8875	4.9328
Stddev	.0105	.0020	.081	.0025	.0606	.126	.0030	.0063
%RSD	.44449	.16694	.34353	.10394	2.4479	.52120	.06169	.12823

#1	2.3628	1.1913	23.421	2.3785	2.4336	24.140	4.8854	4.9283
#2	2.3777	1.1885	23.535	2.3820	2.5193	24.319	4.8897	4.9372

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7088	4.8321	4.5723	4.8878	5.0122	4.765	4.8464	F 3.8980
Stddev	.0131	.0289	.0174	.0071	.0276	.009	.0096	.1663
%RSD	.27737	.59695	.37980	.14585	.55112	.1901	.19761	4.2662

#1	4.6996	4.8117	4.5600	4.8828	4.9927	4.759	4.8396	3.7804
#2	4.7181	4.8525	4.5846	4.8929	5.0317	4.772	4.8532	4.0156

Sample Name: CCV09 Acquired: 11/6/2018 18:28:55 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4391
Stddev .4407
%RSD 18.069

#1 2.1275
#2 2.7507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.1	45045.	3621.1	93.788	3663.6
Stddev	5.7	46.	7.5	2.303	17.8
%RSD	.16331	.10143	.20734	2.4556	.48527

#1	3489.2	45078.	3626.4	95.416	3676.2
#2	3481.1	45013.	3615.8	92.159	3651.0

Sample Name: CCB09 Acquired: 11/6/2018 18:32:40 Type: Unk
Method: P4-ICP2(v2552) 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	-.00057	.00083	-.00104	-.00311	.00025	-.00725	.00196	.00006
Stddev	.00011	.00019	.00009	.00067	.00048	.00878	.00147	.00000
%RSD	19.497	23.163	8.5351	21.655	193.84	121.15	74.931	2.2127
#1	-.00049	.00070	-.00097	-.00263	-.00009	-.01345	.00300	.00006
#2	-.00065	.00097	-.00110	-.00359	.00059	-.00104	.00092	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01875	-.00006	-.00010	.00012	-.00095	-.00007	-.02728
Stddev	.00003	.01617	.00010	.00010	.00012	.00818	.00001	.02643
%RSD	586.57	86.266	185.88	104.63	104.08	865.31	17.451	96.887
#1	-.00001	.03018	-.00013	-.00003	.00021	-.00673	-.00006	-.04597
#2	.00002	.00731	.00002	-.00017	.00003	.00484	-.00008	-.00859
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00000	-.65048	-.00013	-.00079	.01868	.00047	.00573
Stddev	.00008	.00029	.00230	.00002	.00001	.01033	.00002	.00224
%RSD	12.499	86638.	.35422	13.533	.65460	55.324	4.5712	39.065
#1	.00069	-.00020	-.64885	-.00014	-.00078	.01137	.00046	.00731
#2	.00058	.00020	-.65211	-.00011	-.00079	.02599	.00049	.00414
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00312	-.00040	.00206	-.00676	-.0019	.00003	F 2.4773
Stddev	.00223	.00073	.00001	.00009	.00176	.0012	.00007	.1359
%RSD	728.74	23.363	1.5205	4.1840	26.098	60.83	276.07	5.4878
#1	.00188	.00260	-.00039	.00200	-.00800	-.0011	.00008	2.3812
#2	-.00127	.00363	-.00040	.00212	-.00551	-.0028	-.00002	2.5734

Sample Name: CCB09 Acquired: 11/6/2018 18:32:40 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .95973
Stddev	.08122
%RSD	8.4633

#1	.90229
#2	1.0172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.1	46864.	3589.4	99.150	4093.3
Stddev	9.4	132.	25.4	1.850	6.6
%RSD	.26116	.28266	.70696	1.8661	.16189

#1	3591.4	46770.	3607.3	100.46	4088.6
#2	3604.7	46958.	3571.4	97.842	4098.0

Sample Name: J5764-02A Acquired: 11/6/2018 18:36:45 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82239	1.8621	1.0422	2.0516	.83241	2.3374	.40719	.20615	.19547
Stddev	.00712	.0090	.0015	.0054	.00528	.0000	.00163	.00024	.00037
%RSD	.86570	.48517	.14510	.26103	.63407	.00071	.40084	.11715	.18676

#1	.81735	1.8557	1.0412	2.0478	.82868	2.3374	.40604	.20598	.19521
#2	.82742	1.8684	1.0433	2.0554	.83614	2.3374	.40834	.20632	.19573

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.369	.39024	.20506	.30492	3.3703	.94601	4.0920	.49088	.07008
Stddev	.272	.00259	.00104	.00110	.0625	.00225	.0526	.00138	.00059
%RSD	.51031	.66467	.50480	.36052	1.8560	.23753	1.2847	.28049	.83732

#1	53.177	.38841	.20433	.30414	3.3260	.94442	4.0548	.48991	.06967
#2	53.562	.39207	.20579	.30570	3.4145	.94760	4.1291	.49186	.07050

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	315.55	.30212	.38084	13.449	.41333	.31594	1.6383	2.3525	.65140
Stddev	1.31	.00040	.00852	.052	.00200	.00233	.0056	.0293	.00145
%RSD	.41610	.13271	2.2383	.38607	.48307	.73598	.34156	1.2460	.22243

#1	314.62	.30241	.37481	13.412	.41192	.31758	1.6344	2.3317	.65243
#2	316.48	.30184	.38687	13.486	.41474	.31430	1.6423	2.3732	.65038

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20753	.21549	5.931	.39987	4.5088	2.3934
Stddev	.00156	.00096	.021	.00079	.1313	.1822
%RSD	.75026	.44403	.3551	.19684	2.9120	7.6138

#1	.20643	.21481	5.916	.40043	4.4160	2.5222
#2	.20863	.21616	5.946	.39932	4.6017	2.2645

Sample Name: J5764-02A Acquired: 11/6/2018 18:36:45 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.0	43574.	3555.6	94.541	3547.1
Stddev	16.7	4.	21.9	1.679	8.2
%RSD	.49516	.00869	.61545	1.7756	.23132
#1	3379.8	43576.	3571.0	95.728	3552.9
#2	3356.3	43571.	3540.1	93.354	3541.3

Sample Name: J5764-04 Acquired: 11/6/2018 18:40:42 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00180	.02473	.00011	-.00316	.13043	.15644	.00009
Stddev	.00109	.00057	.00045	.00029	.00084	.00785	.00024	.00011
%RSD	113.17	31.863	1.8376	267.00	26.469	6.0202	.15446	131.29

#1	.00019	-.00221	.02505	-.00010	-.00375	.13598	.15661	.00017
#2	.00173	-.00139	.02441	.00031	-.00257	.12488	.15626	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	98.578	.00010	.00642	.00282	.47487	.79831	4.2410
Stddev	.00009	.360	.00024	.00033	.00018	.00435	.00196	.0113
%RSD	7.3178	.36476	241.18	5.2132	6.2421	.91514	.24578	.26667

#1	.00125	98.832	-.00007	.00666	.00295	.47794	.79969	4.2490
#2	.00112	98.324	.00027	.00619	.00270	.47180	.79692	4.2330

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01140	-.00010	338.76	.00113	.22368	2.9862	.00032	.01632
Stddev	.00015	.00026	2.02	.00014	.00274	.0325	.00009	.00047
%RSD	1.3082	250.74	.59525	12.338	1.2254	1.0877	27.513	2.8831

#1	.01129	-.00029	340.18	.00103	.22562	3.0092	.00026	.01598
#2	.01150	.00008	337.33	.00123	.22174	2.9632	.00038	.01665

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0185	2.3658	.00029	-.00070	.00018	.0034	.36513	5.2633
Stddev	.0022	.0106	.00057	.00212	.00076	.0002	.00570	.1629
%RSD	.05588	.44938	198.84	304.51	430.40	5.183	1.5617	3.0943

#1	4.0201	2.3733	-.00012	.00080	-.00036	.0033	.36916	5.3785
#2	4.0169	2.3582	.00069	-.00219	.00071	.0035	.36110	5.1481

Sample Name: J5764-04 Acquired: 11/6/2018 18:40:42 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5929
 Stddev .0945
 %RSD 3.6464

#1 2.6598
 #2 2.5261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.5	44078.	3673.5	96.863	3577.6
Stddev	.0	80.	38.0	1.734	31.4
%RSD	.00099	.18129	1.0336	1.7902	.87908

#1	3387.6	44022.	3646.7	95.637	3555.3
#2	3387.5	44135.	3700.4	98.089	3599.8

Sample Name: J5764-06 Acquired: 11/6/2018 18:44:49 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00366	.02063	.00306	-.00203	.12669	.19557	-.00007
Stddev	.00110	.00031	.00002	.00375	.00105	.01351	.00334	.00005
%RSD	78.627	8.5518	.10984	122.34	51.830	10.667	1.7066	65.266

#1	.00217	-.00344	.02062	.00571	-.00278	.13625	.19321	-.00010
#2	.00062	-.00388	.02065	.00041	-.00129	.11714	.19793	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	143.26	-.00032	.00911	.00416	.21046	1.3238	4.4223
Stddev	.00005	3.06	.00018	.00007	.00013	.00114	.0005	.1018
%RSD	5.3986	2.1326	55.626	.81346	3.0742	.54092	.03692	2.3015

#1	.00083	141.10	-.00045	.00916	.00425	.20965	1.3234	4.3504
#2	.00090	145.42	-.00019	.00906	.00407	.21126	1.3241	4.4943

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01144	-.00015	372.17	.00097	.15444	2.7431	.00060	.02176
Stddev	.00019	.00010	2.82	.00051	.00283	.0837	.00002	.00044
%RSD	1.6323	66.297	.75892	52.569	1.8333	3.0506	3.4104	2.0033

#1	.01131	-.00008	370.17	.00061	.15644	2.6839	.00058	.02145
#2	.01157	-.00022	374.16	.00133	.15244	2.8022	.00061	.02207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6825	4.2327	.00063	.00062	.00312	.0060	.48462	6.3941
Stddev	.0250	.0651	.00013	.00011	.00124	.0027	.01090	.1726
%RSD	.93165	1.5386	19.768	18.022	39.645	44.58	2.2483	2.6997

#1	2.7002	4.1866	.00054	.00070	.00224	.0079	.47691	6.5161
#2	2.6649	4.2787	.00072	.00054	.00399	.0041	.49232	6.2720

Sample Name: J5764-06 Acquired: 11/6/2018 18:44:49 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9148
Stddev .0285
%RSD .97630

#1 2.8947
#2 2.9349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.0	43337.	3567.6	92.227	3506.0
Stddev	36.4	74.	41.3	1.510	28.5
%RSD	1.0957	.17041	1.1574	1.6371	.81285

#1	3293.3	43285.	3596.8	91.160	3485.9
#2	3344.7	43389.	3538.4	93.295	3526.2

Sample Name: J5764-08 Acquired: 11/6/2018 18:48:56 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00268	-.00354	.03004	.00142	-.00284	.16261	.20601	.00006
Stddev	.00028	.00146	.00059	.00013	.00048	.00069	.00079	.00006
%RSD	10.447	41.274	1.9555	9.3515	17.055	.42384	.38394	88.319

#1	.00288	-.00251	.02962	.00132	-.00318	.16212	.20545	.00010
#2	.00248	-.00457	.03045	.00151	-.00250	.16310	.20656	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	101.02	-.00053	.01186	.00640	.48839	1.4609	4.2351
Stddev	.00006	.26	.00025	.00008	.00003	.00766	.0050	.0449
%RSD	5.5346	.25465	47.297	.68784	.39902	1.5680	.33915	1.0597

#1	.00099	101.20	-.00071	.01192	.00638	.48297	1.4574	4.2034
#2	.00107	100.84	-.00035	.01180	.00642	.49380	1.4644	4.2669

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01051	-.00036	367.36	.00049	.21043	2.5822	.00025	.01658
Stddev	.00064	.00129	2.05	.00005	.00675	.0070	.00012	.00059
%RSD	6.1183	354.47	.55685	10.458	3.2096	.26990	48.464	3.5511

#1	.01097	.00055	368.81	.00053	.21521	2.5772	.00016	.01700
#2	.01006	-.00128	365.92	.00046	.20566	2.5871	.00033	.01617

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7496	3.5114	.00104	-.00078	.00152	.0061	.43034	5.6046
Stddev	.0160	.0346	.00002	.00160	.00070	.0010	.00294	.0924
%RSD	.91198	.98522	1.6228	205.15	46.184	16.76	.68286	1.6482

#1	1.7609	3.5358	.00105	-.00191	.00102	.0068	.43242	5.6699
#2	1.7383	3.4869	.00103	.00035	.00202	.0053	.42827	5.5393

Sample Name: J5764-08 Acquired: 11/6/2018 18:48:56 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8842
 Stddev .1387
 %RSD 4.8105

#1 2.7861
 #2 2.9823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.1	43758.	3667.5	94.381	3548.2
Stddev	42.4	1.	41.9	3.085	43.5
%RSD	1.2481	.00228	1.1420	3.2683	1.2249

#1	3366.2	43757.	3637.9	92.199	3517.5
#2	3426.1	43758.	3697.1	96.562	3578.9

Sample Name: J5764-10 Acquired: 11/6/2018 18:53:04 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00313	.13726	-.00028	-.00054	.08168	.19182	.00006
Stddev	.00120	.00043	.00128	.00181	.00210	.01327	.00171	.00002
%RSD	1621.5	13.651	.93278	655.61	389.46	16.250	.89148	34.945

#1	-.00092	-.00283	.13636	-.00155	-.00202	.07230	.19302	.00007
#2	.00078	-.00344	.13817	.00100	.00094	.09107	.19061	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	147.37	-.00080	.00948	.00680	.21441	1.3457	2.5801
Stddev	.00003	.41	.00020	.00003	.00007	.00545	.0021	.0559
%RSD	.97898	.27569	25.012	.34947	1.0465	2.5398	.15815	2.1652

#1	.00315	147.66	-.00065	.00946	.00675	.21056	1.3442	2.6196
#2	.00311	147.08	-.00094	.00951	.00686	.21826	1.3472	2.5406

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01375	-.00035	358.74	.00058	.55504	1.8026	.00044	.06872
Stddev	.00012	.00010	1.55	.00040	.00657	.0091	.00024	.00256
%RSD	.84240	28.010	.43145	68.275	1.1846	.50182	53.308	3.7221

#1	.01366	-.00042	359.84	.00086	.55039	1.8090	.00061	.07053
#2	.01383	-.00028	357.65	.00030	.55969	1.7962	.00028	.06691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2141	3.4417	.00029	-.00144	.00398	.0023	.52672	6.1716
Stddev	.0096	.0095	.00015	.00030	.00202	.0005	.00566	.1103
%RSD	.22864	.27512	51.654	20.793	50.738	21.16	1.0744	1.7873

#1	4.2073	3.4484	.00018	-.00123	.00541	.0027	.53072	6.2496
#2	4.2209	3.4350	.00040	-.00166	.00255	.0020	.52271	6.0936

Sample Name: J5764-10 Acquired: 11/6/2018 18:53:04 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8999
 Stddev .1612
 %RSD 5.5581

#1 2.7860
 #2 3.0139

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.5	43749.	3599.9	94.201	3513.2
Stddev	12.2	184.	25.5	.963	2.7
%RSD	.36381	.41972	.70866	1.0228	.07718
#1	3343.8	43619.	3581.9	94.882	3515.1
#2	3361.1	43879.	3618.0	93.519	3511.3

Sample Name: J5764-12 Acquired: 11/6/2018 18:57:11 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 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	-.00379	.31871	.00052	-.00066	.04735	.13821	-.00001
Stddev	.00196	.00030	.00253	.00190	.00027	.00794	.00016	.00001
%RSD	105.56	8.0055	.79492	363.55	41.472	16.761	.11756	125.75

#1	.00325	-.00401	.32050	-.00082	-.00047	.04174	.13809	-.00000
#2	.00047	-.00358	.31691	.00186	-.00086	.05296	.13832	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00790	194.82	-.00079	.01007	.03150	-.03369	1.1413	3.9942
Stddev	.00012	1.34	.00021	.00006	.00010	.01356	.0015	.0417
%RSD	1.5302	.68802	26.245	.57353	.32234	40.260	.13466	1.0430

#1	.00781	193.87	-.00065	.01011	.03157	-.04328	1.1424	3.9647
#2	.00799	195.77	-.00094	.01003	.03143	-.02410	1.1403	4.0237

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19750	-.00016	375.76	.00019	1.8565	1.8354	.00091	.14493
Stddev	.00034	.00018	1.17	.00001	.0043	.0028	.00021	.00600
%RSD	.17188	113.00	.31184	4.8400	.23295	.15449	22.712	4.1383

#1	.19774	-.00003	374.93	.00019	1.8596	1.8334	.00105	.14069
#2	.19726	-.00029	376.58	.00018	1.8534	1.8374	.00076	.14917

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.543	1.0405	-.00263	-.00378	.01477	.0049	.65316	7.2018
Stddev	.054	.0047	.00082	.00028	.00308	.0002	.00457	.1941
%RSD	.42741	.44944	31.081	7.3336	20.825	4.189	.70039	2.6945

#1	12.581	1.0372	-.00321	-.00398	.01695	.0047	.64992	7.3390
#2	12.506	1.0438	-.00205	-.00358	.01260	.0050	.65639	7.0646

Sample Name: J5764-12 Acquired: 11/6/2018 18:57:11 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4172
Stddev .1564
%RSD 4.5765

#1 3.3066
#2 3.5278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.3	43453.	3606.1	93.197	3472.6
Stddev	4.2	114.	24.5	.214	17.4
%RSD	.12777	.26136	.67971	.22948	.50248

#1	3322.3	43373.	3623.4	93.046	3460.2
#2	3316.3	43534.	3588.8	93.348	3484.9

Sample Name: J5764-14 Acquired: 11/6/2018 19:01:16 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00256	.06212	-.00116	-.00159	.12456	.21076	-.00002
Stddev	.00013	.00022	.00011	.00160	.00110	.01264	.00060	.00004
%RSD	6.3550	8.6322	.17198	137.82	69.087	10.145	.28330	190.66

#1	.00217	-.00271	.06204	-.00229	-.00081	.13350	.21118	.00001
#2	.00199	-.00240	.06219	-.00003	-.00237	.11563	.21034	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	61.277	.00048	.00736	.00809	.14211	.78978	2.4334
Stddev	.00004	.393	.00026	.00006	.00002	.00224	.00147	.0080
%RSD	2.3203	.64148	53.508	.76004	.29563	1.5764	.18613	.32890

#1	.00149	61.555	.00030	.00732	.00807	.14370	.79082	2.4391
#2	.00154	60.999	.00066	.00740	.00810	.14053	.78874	2.4278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01422	-.00038	320.23	.00064	.46825	2.2073	-.00006	.01411
Stddev	.00019	.00013	1.16	.00028	.00342	.0184	.00021	.00794
%RSD	1.3018	33.395	.36118	44.360	.72978	.83258	344.81	56.242

#1	.01409	-.00047	319.41	.00044	.47066	2.1943	.00009	.01972
#2	.01435	-.00029	321.05	.00084	.46583	2.2203	-.00021	.00850

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3243	1.9771	.00106	.00053	.00066	.0048	.20751	4.2158
Stddev	.0033	.0278	.00006	.00110	.00143	.0006	.00082	.1582
%RSD	.24616	1.4077	5.7419	206.34	217.35	12.78	.39692	3.7532

#1	1.3220	1.9968	.00110	.00131	-.00035	.0044	.20809	4.3277
#2	1.3266	1.9575	.00102	-.00025	.00167	.0053	.20693	4.1039

Sample Name: J5764-14 Acquired: 11/6/2018 19:01:16 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5508
 Stddev .0438
 %RSD 1.7161

#1 2.5818
 #2 2.5199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.0	44318.	3658.4	97.129	3589.8
Stddev	4.2	128.	17.8	.701	13.8
%RSD	.12346	.28899	.48549	.72194	.38413

#1	3417.9	44227.	3645.9	96.633	3580.0
#2	3412.0	44409.	3671.0	97.625	3599.5

Sample Name: J5764-16 Acquired: 11/6/2018 19:05:24 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00088	.11115	.00438	-.00025	.13298	.19530	.00036
Stddev	.00298	.00074	.00082	.00611	.00054	.01365	.00044	.00009
%RSD	581.67	84.239	.73415	139.40	213.82	10.265	.22699	24.382

#1	.00262	-.00036	.11173	.00006	-.00063	.14263	.19561	.00042
#2	-.00160	-.00141	.11057	.00870	.00013	.12333	.19499	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	116.61	.00013	.00963	.00981	.12137	1.1626	4.0153
Stddev	.00006	.38	.00013	.00038	.00019	.00222	.0016	.0060
%RSD	3.6466	.33008	103.56	3.9097	1.9784	1.8319	.14075	.14992

#1	.00168	116.33	.00022	.00936	.00994	.12294	1.1614	4.0196
#2	.00176	116.88	.00003	.00989	.00967	.11980	1.1637	4.0110

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02108	.00020	379.30	.00179	.78924	3.3362	.00049	.01246
Stddev	.00009	.00044	2.65	.00013	.00569	.0107	.00020	.00907
%RSD	.44105	217.93	.69734	7.1992	.72102	.32002	40.118	72.835

#1	.02114	.00051	377.43	.00169	.78521	3.3286	.00035	.01887
#2	.02101	-.00011	381.17	.00188	.79326	3.3437	.00063	.00604

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6354	2.4483	.00172	-.00158	.00296	.0133	.40912	5.6777
Stddev	.0114	.0304	.00014	.00107	.00071	.0008	.00050	.1139
%RSD	.31289	1.2433	7.8981	68.002	24.018	6.213	.12278	2.0064

#1	3.6435	2.4268	.00182	-.00082	.00246	.0139	.40877	5.5971
#2	3.6274	2.4698	.00162	-.00234	.00346	.0128	.40948	5.7582

Sample Name: J5764-16 Acquired: 11/6/2018 19:05:24 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6949
 Stddev .2425
 %RSD 9.0005

#1 2.5234
 #2 2.8664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.1	43725.	3590.8	93.257	3521.8
Stddev	30.0	107.	17.9	.553	18.4
%RSD	.89018	.24475	.49852	.59336	.52145

#1	3350.9	43649.	3603.4	93.648	3508.8
#2	3393.4	43800.	3578.1	92.865	3534.8

Sample Name: J5764-18 Acquired: 11/6/2018 19:09:30 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00175	.03766	.00309	-.00220	.16301	.15742	.00008
Stddev	.00261	.00157	.00105	.00298	.00130	.01048	.00063	.00000
%RSD	114.46	89.850	2.7799	96.512	59.076	6.4306	.40160	2.3242

#1	.00413	-.00064	.03840	.00519	-.00312	.17043	.15697	.00008
#2	.00044	-.00286	.03692	.00098	-.00128	.15560	.15786	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	63.303	.00048	.00459	.00700	.03458	.73043	3.6548
Stddev	.00006	.083	.00022	.00040	.00059	.00982	.00134	.0726
%RSD	8.4713	.13172	45.339	8.6531	8.4485	28.396	.18348	1.9870

#1	.00080	63.362	.00064	.00487	.00742	.04152	.72948	3.7062
#2	.00071	63.244	.00033	.00431	.00658	.02764	.73138	3.6035

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	.00036	346.59	.00028	.15791	2.3274	.00009	.00980
Stddev	.00026	.00048	.48	.00019	.00030	.0122	.00036	.00965
%RSD	4.0392	135.14	.13882	69.645	.18930	.52483	415.61	98.512

#1	.00667	.00002	346.93	.00041	.15812	2.3188	.00034	.01662
#2	.00630	.00070	346.25	.00014	.15770	2.3360	-.00017	.00297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3657	2.3147	.00196	.00091	.00322	.0042	.33868	4.7869
Stddev	.0054	.0207	.00070	.00040	.00241	.0000	.00027	.1772
%RSD	.39405	.89279	35.783	44.200	74.902	.0130	.08021	3.7022

#1	1.3695	2.3001	.00246	.00120	.00152	.0042	.33887	4.9123
#2	1.3619	2.3293	.00147	.00063	.00493	.0042	.33849	4.6616

Sample Name: J5764-18 Acquired: 11/6/2018 19:09:30 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6451
 Stddev .1718
 %RSD 6.4958

#1 2.5236
 #2 2.7666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.9	43756.	3599.3	96.353	3555.2
Stddev	5.3	47.	15.9	.259	32.4
%RSD	.15494	.10660	.44231	.26828	.91021

#1	3391.2	43723.	3610.6	96.170	3532.3
#2	3398.6	43789.	3588.0	96.535	3578.1

Sample Name: J5764-20 Acquired: 11/6/2018 19:13:38 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	-.00365	.05456	.00177	-.00051	.08418	.15149	.00002
Stddev	.00151	.00019	.00028	.00120	.00064	.01152	.00094	.00003
%RSD	47.639	5.1520	.51965	68.018	126.71	13.690	.61816	123.25

#1	.00211	-.00352	.05436	.00262	-.00005	.09232	.15215	.00000
#2	.00425	-.00378	.05476	.00092	-.00096	.07603	.15083	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	150.28	.00075	.00737	.00358	.01600	.99136	2.9536
Stddev	.00004	.16	.00019	.00007	.00041	.00158	.01103	.0402
%RSD	3.2300	.10813	25.521	.94902	11.569	9.8478	1.1129	1.3622

#1	.00114	150.40	.00089	.00742	.00388	.01488	.99916	2.9820
#2	.00109	150.17	.00062	.00732	.00329	.01711	.98356	2.9251

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01801	.00050	356.99	.00143	.26675	2.8914	.00071	.01916
Stddev	.00006	.00019	2.57	.00034	.00690	.0281	.00000	.00843
%RSD	.30869	38.205	.71928	23.422	2.5872	.97333	.45987	44.007

#1	.01805	.00063	358.80	.00167	.27163	2.9113	.00071	.01320
#2	.01797	.00036	355.17	.00120	.26187	2.8715	.00071	.02512

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1193	2.3162	.00005	-.00263	.00357	.0066	.55152	6.4649
Stddev	.0242	.0233	.00001	.00017	.00224	.0008	.00174	.3505
%RSD	.47192	1.0048	27.549	6.3847	62.610	11.61	.31630	5.4221

#1	5.1364	2.3327	.00004	-.00251	.00199	.0072	.55275	6.7127
#2	5.1022	2.2997	.00005	-.00274	.00516	.0061	.55029	6.2170

Sample Name: J5764-20 Acquired: 11/6/2018 19:13:38 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0778
 Stddev .0184
 %RSD .59703

#1 3.0648
 #2 3.0908

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.1	42743.	3511.6	92.272	3499.6
Stddev	10.9	422.	15.8	2.740	30.5
%RSD	.32723	.98718	.45079	2.9690	.87203

#1	3336.4	42445.	3500.4	90.335	3478.1
#2	3351.9	43042.	3522.8	94.209	3521.2

Sample Name: CCV10 Acquired: 11/6/2018 19:17:45 Type: Unk
Method: P4-ICP2(v2552) 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	4.9751	4.8272	4.9258	4.9414	5.1047	10.309	10.058	.25053
Stddev	.0008	.0111	.0096	.0073	.0059	.138	.044	.00206
%RSD	.01592	.22967	.19546	.14690	.11592	1.3340	.44129	.82365

#1	4.9757	4.8350	4.9326	4.9363	5.1005	10.212	10.089	.24907
#2	4.9746	4.8193	4.9190	4.9465	5.1089	10.407	10.026	.25198

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3999	26.467	.94718	2.4223	1.2539	4.6643	2.5438	23.916
Stddev	.0045	.171	.00914	.0039	.0000	.0660	.0188	.087
%RSD	.18864	.64509	.96477	.16125	.00325	1.4153	.73935	.36219

#1	2.4031	26.588	.94072	2.4250	1.2538	4.7110	2.5305	23.855
#2	2.3967	26.347	.95365	2.4195	1.2539	4.6176	2.5571	23.977

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3686	1.1916	23.311	2.3941	2.4689	24.339	4.9046	4.9402
Stddev	.0042	.0056	.124	.0161	.0362	.068	.0021	.0181
%RSD	.17763	.47429	.53367	.67158	1.4648	.27877	.04354	.36739

#1	2.3716	1.1876	23.399	2.3827	2.4945	24.387	4.9061	4.9274
#2	2.3657	1.1956	23.223	2.4054	2.4433	24.291	4.9031	4.9531

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7003	4.8912	4.6032	4.8926	4.9642	4.770	4.8070	F 3.9335
Stddev	.0006	.0086	.0149	.0080	.0323	.005	.0197	.1062
%RSD	.01277	.17532	.32406	.16419	.64980	.1075	.40969	2.7002

#1	4.7007	4.8973	4.6138	4.8983	4.9870	4.774	4.8209	3.8584
#2	4.6998	4.8851	4.5927	4.8869	4.9414	4.767	4.7931	4.0086

Sample Name: CCV10 Acquired: 11/6/2018 19:17:45 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7866
Stddev .3637
%RSD 13.052

#1 2.5294
#2 3.0438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.7	45532.	3610.1	95.039	3705.8
Stddev	5.0	254.	25.8	1.564	14.3
%RSD	.14315	.55836	.71408	1.6452	.38525

#1	3522.1	45712.	3591.9	93.933	3695.8
#2	3529.2	45353.	3628.3	96.144	3715.9

Sample Name: CCB10 Acquired: 11/6/2018 19:21:31 Type: Unk
Method: P4-ICP2(v2552) 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	.00025	.00067	.00031	-.00185	-.00072	-.00169	.00126	.00007
Stddev	.00194	.00012	.00070	.00065	.00012	.00274	.00052	.00003
%RSD	769.72	17.970	228.58	35.264	16.961	161.68	41.538	49.245
#1	.00162	.00059	-.00019	-.00139	-.00063	-.00363	.00089	.00005
#2	-.00112	.00076	.00081	-.00231	-.00080	.00024	.00163	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00126	-.00017	.00008	.00015	.00641	-.00002	-.02402
Stddev	.00012	.01285	.00044	.00002	.00035	.00067	.00002	.05315
%RSD	271.78	1018.9	260.96	26.797	231.36	10.372	88.778	221.31
#1	.00013	-.00782	.00014	.00009	-.00009	.00688	-.00004	-.06160
#2	-.00004	.01034	-.00048	.00006	.00039	.00594	-.00001	.01357
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	-.00011	-.55929	.00011	-.00070	-.02436	.00024	.00273
Stddev	.00032	.00029	.00511	.00013	.00017	.00414	.00020	.01176
%RSD	31.697	258.67	.91442	118.78	24.679	16.980	81.718	431.10
#1	.00122	-.00031	-.56291	.00002	-.00082	-.02144	.00010	.01104
#2	.00077	.00009	-.55568	.00020	-.00058	-.02729	.00038	-.00559
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	.00379	-.00015	.00212	-.00652	-.0009	.00013	F 2.4021
Stddev	.00367	.00461	.00055	.00115	.00082	.0015	.00002	.0450
%RSD	167.69	121.71	361.88	54.266	12.624	169.5	15.755	1.8729
#1	.00041	.00705	-.00055	.00131	-.00711	.0002	.00015	2.3702
#2	-.00479	.00053	.00024	.00293	-.00594	-.0020	.00012	2.4339

Sample Name: CCB10 Acquired: 11/6/2018 19:21:31 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.1423
 Stddev .2415
 %RSD 21.139

#1 1.3130
 #2 .97154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.3	47298.	3637.0	97.733	4143.1
Stddev	.6	395.	68.1	1.426	1.3
%RSD	.01615	.83418	1.8722	1.4591	.03202

#1	3655.9	47020.	3588.9	96.725	4144.1
#2	3656.7	47577.	3685.2	98.742	4142.2

Sample Name: J5771-02 Acquired: 11/6/2018 19:25:36 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00288	.00573	.00147	-.00264	.09587	.13508	.00010
Stddev	.00249	.00013	.00027	.00055	.00042	.00822	.00051	.00005
%RSD	258.78	4.5388	4.7167	37.475	15.711	8.5793	.37995	45.331

#1	-.00080	-.00297	.00592	.00186	-.00235	.10168	.13472	.00013
#2	.00273	-.00279	.00554	.00108	-.00294	.09005	.13544	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	29.310	-.00026	.00858	.00707	.71521	1.5235	1.6508
Stddev	.00004	.188	.00001	.00008	.00041	.00026	.0009	.0195
%RSD	36.863	.64307	5.1503	.90370	5.8468	.03575	.05724	1.1814

#1	.00012	29.176	-.00025	.00852	.00678	.71503	1.5229	1.6646
#2	.00007	29.443	-.00027	.00863	.00737	.71539	1.5242	1.6370

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	.00009	339.07	.00066	.06960	1.6224	.00019	.00938
Stddev	.00011	.00052	1.41	.00002	.00215	.0007	.00022	.00159
%RSD	2.3747	568.74	.41453	2.8182	3.0848	.04249	118.55	16.934

#1	.00467	.00046	338.07	.00065	.06808	1.6219	.00003	.01050
#2	.00483	-.00028	340.06	.00068	.07112	1.6229	.00034	.00825

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60856	1.9509	.00160	.00140	-.00123	.0048	.10550	4.3750
Stddev	.00322	.0084	.00032	.00019	.00128	.0013	.00034	.4452
%RSD	.52909	.43309	19.947	13.415	104.25	27.71	.31770	10.176

#1	.61084	1.9449	.00137	.00153	-.00213	.0058	.10574	4.0602
#2	.60629	1.9568	.00182	.00127	-.00032	.0039	.10527	4.6898

Sample Name: J5771-02 Acquired: 11/6/2018 19:25:36 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4172
 Stddev .2344
 %RSD 9.6978

#1 2.2515
 #2 2.5830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.3	44404.	3639.4	93.971	3609.6
Stddev	20.8	119.	19.5	2.587	19.8
%RSD	.59860	.26811	.53607	2.7528	.54739

#1	3460.6	44320.	3653.2	95.800	3595.6
#2	3490.1	44488.	3625.6	92.142	3623.6

Sample Name: J5771-02DUP Acquired: 11/6/2018 19:29:45 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	-.00192	.00607	-.00088	-.00333	.11972	.13382	.00009
Stddev	.00139	.00077	.00023	.00242	.00039	.01744	.00013	.00004
%RSD	49.896	40.101	3.8600	274.87	11.785	14.563	.09678	42.814

#1	.00378	-.00138	.00623	-.00260	-.00361	.10740	.13372	.00012
#2	.00181	-.00247	.00590	.00083	-.00305	.13205	.13391	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	29.344	-.00080	.00883	.00686	.70848	1.5321	1.6135
Stddev	.00005	.300	.00019	.00017	.00021	.00681	.0025	.0440
%RSD	76.687	1.0207	24.430	1.9402	2.9969	.96182	.16505	2.7285

#1	.00003	29.133	-.00094	.00871	.00700	.70367	1.5303	1.6446
#2	.00010	29.556	-.00066	.00895	.00671	.71330	1.5339	1.5824

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00450	-.00003	334.70	.00052	.06651	1.6061	.00012	.01655
Stddev	.00061	.00033	2.66	.00058	.00085	.0374	.00009	.00214
%RSD	13.601	1132.0	.79417	111.58	1.2818	2.3269	73.044	12.918

#1	.00494	-.00026	336.58	.00011	.06591	1.5797	.00018	.01807
#2	.00407	.00020	332.82	.00094	.06712	1.6325	.00006	.01504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61213	1.9469	.00171	.00091	-.00161	.0047	.10501	4.1836
Stddev	.00193	.0131	.00044	.00170	.00215	.0017	.00019	.3113
%RSD	.31606	.67448	25.782	186.81	133.54	35.81	.17882	7.4418

#1	.61076	1.9376	.00140	.00211	-.00314	.0059	.10514	4.4038
#2	.61350	1.9562	.00202	-.00029	-.00009	.0035	.10488	3.9635

Sample Name: J5771-02DUP Acquired: 11/6/2018 19:29:45 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4942
Stddev .5267
%RSD 21.117

#1 2.1218
#2 2.8666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.0	44461.	3662.2	96.596	3583.5
Stddev	15.7	23.	.1	.701	3.4
%RSD	.45683	.05254	.00237	.72593	.09501

#1	3434.9	44478.	3662.1	97.092	3581.1
#2	3457.1	44445.	3662.2	96.100	3585.9

Sample Name: J5771-02LX5 Acquired: 11/6/2018 19:33:54 Type: Unk
Method: P4-ICP2(v2552) 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	.00105	.00045	.00129	-.00245	.00043	.03038	.02885	.00005
Stddev	.00120	.00036	.00009	.00108	.00093	.00017	.00060	.00006
%RSD	114.32	81.094	6.8005	44.260	214.98	.55934	2.0692	121.88

#1	.00189	.00019	.00123	-.00168	.00109	.03026	.02927	.00009
#2	.00020	.00071	.00136	-.00321	-.00023	.03050	.02843	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	6.0883	-.00016	.00166	.00131	.15063	.31958	.33372
Stddev	.00004	.0500	.00016	.00024	.00009	.00022	.00014	.00933
%RSD	516.49	.82122	97.019	14.410	7.2089	.14295	.04508	2.7960

#1	-.00004	6.1236	-.00005	.00149	.00137	.15048	.31968	.34032
#2	.00002	6.0529	-.00027	.00183	.00124	.15078	.31948	.32712

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00047	70.826	.00001	.01570	.32598	-.00021	-.00328
Stddev	.00015	.00011	.065	.00033	.00024	.00792	.00003	.00216
%RSD	9.0936	23.942	.09130	2321.6	1.5288	2.4288	15.585	65.821

#1	.00157	.00039	70.780	-.00022	.01553	.33158	-.00019	-.00175
#2	.00178	.00055	70.872	.00025	.01587	.32038	-.00023	-.00481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12473	.42735	-.00018	.00130	-.00569	-.0001	.02170	2.7196
Stddev	.00119	.00064	.00060	.00096	.00070	.0019	.00004	.1532
%RSD	.95740	.14971	331.64	73.683	12.250	3238.	.19758	5.6347

#1	.12558	.42690	-.00061	.00062	-.00519	.0013	.02167	2.8280
#2	.12389	.42780	.00024	.00198	-.00618	-.0014	.02173	2.6112

Sample Name: J5771-02LX5 Acquired: 11/6/2018 19:33:54 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9732
Stddev	.0842
%RSD	4.2650

#1	1.9137
#2	2.0327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.3	46138.	3600.3	95.541	3839.2
Stddev	7.0	6.	5.4	.672	13.4
%RSD	.19654	.01304	.15092	.70325	.34954

#1	3577.2	46142.	3604.1	96.016	3848.7
#2	3567.3	46134.	3596.4	95.066	3829.7

Sample Name: J5771-02MS Acquired: 11/6/2018 19:37:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77063	1.7770	.92984	1.9413	.76810	2.1166	.33871	.19176	.18586
Stddev	.00344	.0010	.00052	.0140	.00055	.0069	.00117	.00006	.00009
%RSD	.44586	.05612	.05569	.72250	.07201	.32627	.34552	.03043	.04925

#1	.76821	1.7763	.93021	1.9314	.76849	2.1117	.33789	.19180	.18593
#2	.77306	1.7777	.92948	1.9512	.76771	2.1215	.33954	.19172	.18580

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.270	.36612	.19705	.28948	3.5199	1.7619	3.5665	.46455	.06589
Stddev	.319	.00090	.00019	.00032	.0764	.0021	.0047	.00122	.00090
%RSD	1.0187	.24583	.09633	.11062	2.1701	.12132	.13132	.26335	1.3667

#1	31.045	.36676	.19719	.28925	3.4659	1.7635	3.5632	.46542	.06525
#2	31.495	.36548	.19692	.28970	3.5739	1.7604	3.5698	.46369	.06653

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	351.24	.28592	.22208	11.430	.38694	.29030	.61898	2.8747	.62304
Stddev	.22	.00095	.00399	.081	.00017	.00194	.00101	.0219	.00236
%RSD	.06122	.33351	1.7984	.70961	.04326	.66830	.16316	.76058	.37810

#1	351.39	.28659	.21926	11.373	.38682	.28893	.61969	2.8593	.62470
#2	351.08	.28525	.22491	11.487	.38706	.29168	.61826	2.8902	.62137

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19473	.20579	5.664	.29708	4.0659	2.2513
Stddev	.00191	.00190	.005	.00026	.1618	.2952
%RSD	.98104	.92393	.0834	.08741	3.9788	13.112

#1	.19338	.20445	5.667	.29689	3.9515	2.0426
#2	.19608	.20714	5.661	.29726	4.1803	2.4600

Sample Name: J5771-02MS Acquired: 11/6/2018 19:37:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3425.8	44210.	3580.1	93.775	3553.5
Stddev	3.5	132.	1.3	1.591	15.3
%RSD	.10157	.29864	.03762	1.6966	.43032
#1	3423.4	44117.	3581.0	94.900	3542.6
#2	3428.3	44303.	3579.1	92.650	3564.3

Sample Name: J5771-02MSD Acquired: 11/6/2018 19:41:56 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77351	1.7876	.93452	1.9523	.77474	2.1553	.34385	.19393	.18718
Stddev	.00911	.0009	.00122	.0066	.00309	.0123	.00063	.00080	.00012
%RSD	1.1773	.04896	.13105	.33613	.39832	.57101	.18425	.41433	.06255

#1	.76707	1.7870	.93365	1.9477	.77256	2.1640	.34340	.19449	.18710
#2	.77995	1.7882	.93538	1.9570	.77692	2.1466	.34430	.19336	.18726

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.869	.37109	.19895	.29277	3.5376	1.7767	3.5807	.46773	.06635
Stddev	.317	.00284	.00020	.00313	.0345	.0022	.0205	.00026	.00094
%RSD	.99538	.76641	.09805	1.0691	.97402	.12094	.57194	.05609	1.4204

#1	31.645	.37310	.19882	.29055	3.5619	1.7782	3.5662	.46754	.06701
#2	32.093	.36908	.19909	.29498	3.5132	1.7751	3.5952	.46791	.06568

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	351.55	.28802	.22092	11.617	.38974	.30150	.62472	2.8999	.62667
Stddev	3.90	.00052	.00155	.140	.00317	.00352	.00434	.0168	.00237
%RSD	1.1079	.18073	.70349	1.2035	.81389	1.1673	.69450	.57835	.37832

#1	348.80	.28839	.21982	11.518	.38749	.30399	.62166	2.8880	.62834
#2	354.31	.28765	.22202	11.716	.39198	.29901	.62779	2.9117	.62499

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19952	.21054	5.695	.30103	4.1712	2.2416
Stddev	.00109	.00472	.015	.00055	.1560	.1458
%RSD	.54750	2.2407	.2603	.18204	3.7401	6.5055

#1	.20029	.20720	5.706	.30142	4.2815	2.1385
#2	.19875	.21387	5.685	.30065	4.0608	2.3447

Sample Name: J5771-02MSD Acquired: 11/6/2018 19:41:56 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.5	43980.	3572.2	94.325	3534.8
Stddev	1.1	125.	12.1	.059	25.9
%RSD	.03363	.28424	.33876	.06247	.73324
#1	3404.7	43891.	3580.8	94.283	3516.5
#2	3406.3	44068.	3563.7	94.367	3553.1

Sample Name: J5771-02A Acquired: 11/6/2018 19:45:53 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77501	1.7833	.93233	1.9519	.77196	2.1444	.34115	.19332	.18628
Stddev	.00435	.0011	.00082	.0171	.00482	.0080	.00179	.00035	.00030
%RSD	.56114	.06107	.08844	.87719	.62388	.37191	.52378	.18107	.16213

#1	.77193	1.7825	.93175	1.9397	.76855	2.1387	.34242	.19357	.18607
#2	.77808	1.7841	.93291	1.9640	.77536	2.1500	.33989	.19308	.18649

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.727	.36986	.19808	.29040	3.4645	1.7733	3.5536	.46539	.06533
Stddev	.007	.00023	.00109	.00251	.0651	.0061	.0421	.00054	.00021
%RSD	.02196	.06324	.55080	.86381	1.8792	.34308	1.1847	.11620	.32749

#1	31.722	.36969	.19731	.28862	3.5105	1.7776	3.5238	.46501	.06548
#2	31.731	.37002	.19886	.29217	3.4185	1.7690	3.5834	.46577	.06518

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	349.57	.28692	.22261	11.467	.38973	.29566	.61648	2.9072	.62181
Stddev	3.03	.00113	.00572	.069	.00290	.00739	.00136	.0226	.00101
%RSD	.86546	.39220	2.5697	.59857	.74345	2.4986	.22112	.77669	.16306

#1	351.71	.28613	.22665	11.516	.38769	.29043	.61552	2.9232	.62109
#2	347.44	.28772	.21856	11.419	.39178	.30088	.61745	2.8912	.62253

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19894	.20858	5.679	.29825	4.2657	2.3924
Stddev	.00349	.00094	.009	.00002	.3176	.1328
%RSD	1.7557	.45060	.1638	.00708	7.4450	5.5500

#1	.20141	.20792	5.685	.29826	4.0411	2.2985
#2	.19647	.20925	5.672	.29823	4.4902	2.4863

Sample Name: J5771-02A Acquired: 11/6/2018 19:45:53 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.4	44168.	3559.3	94.054	3562.9
Stddev	1.2	247.	40.7	2.858	23.7
%RSD	.03597	.55839	1.1430	3.0386	.66478
#1	3425.2	43993.	3530.5	92.033	3546.1
#2	3423.5	44342.	3588.0	96.075	3579.6

Sample Name: J5771-04 Acquired: 11/6/2018 19:49:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00248	.01508	-.00139	-.00045	.09438	.15654	.00002
Stddev	.00152	.00035	.00027	.00209	.00021	.00053	.00068	.00001
%RSD	146.02	13.948	1.8157	149.93	47.356	.56046	.43731	42.734

#1	-.00003	-.00223	.01488	-.00287	-.00060	.09475	.15703	.00003
#2	.00212	-.00272	.01527	.00008	-.00030	.09400	.15606	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	20.326	-.00021	.00352	.00680	.56212	1.0068	1.8373
Stddev	.00003	.188	.00024	.00002	.00038	.00921	.0002	.0303
%RSD	54.358	.92252	112.04	.65062	5.5792	1.6383	.01595	1.6504

#1	-.00008	20.194	-.00038	.00354	.00653	.55561	1.0069	1.8159
#2	-.00004	20.459	-.00004	.00351	.00707	.56863	1.0067	1.8588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	.00025	368.78	.00001	.03539	1.2359	.00008	.01403
Stddev	.00004	.00019	.76	.00028	.00036	.0357	.00008	.00398
%RSD	1.0503	76.088	.20680	2867.3	1.0282	2.8876	112.03	28.353

#1	.00396	.00039	369.32	.00021	.03513	1.2612	.00014	.01122
#2	.00401	.00012	368.24	-.00019	.03565	1.2107	.00002	.01684

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69638	.81401	.00127	.00111	.00202	.0049	.07347	3.8498
Stddev	.00052	.00736	.00021	.00014	.00014	.0000	.00017	.2998
%RSD	.07488	.90413	16.354	12.677	6.8588	.8803	.23309	7.7880

#1	.69675	.80880	.00112	.00121	.00212	.0049	.07359	4.0618
#2	.69601	.81921	.00142	.00101	.00192	.0048	.07335	3.6378

Sample Name: J5771-04 Acquired: 11/6/2018 19:49:50 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7048
 Stddev .1865
 %RSD 6.8947

#1 2.8366
 #2 2.5729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.8	43897.	3616.8	94.413	3557.1
Stddev	4.2	3.	.0	1.078	14.6
%RSD	.12391	.00583	.00133	1.1422	.41131

#1	3407.7	43895.	3616.9	95.175	3546.8
#2	3401.8	43899.	3616.8	93.650	3567.4

Sample Name: J5771-06 Acquired: 11/6/2018 19:53:59 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-110218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.00219	.00622	.00032	-.00151	.10486	.11406	-.00002
Stddev	.00163	.00059	.00013	.00073	.00045	.01018	.00026	.00005
%RSD	119.88	27.117	2.1496	230.21	29.524	9.7119	.22809	336.47

#1	.00251	-.00177	.00632	-.00020	-.00120	.11206	.11388	-.00005
#2	.00021	-.00261	.00613	.00083	-.00183	.09765	.11425	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	21.242	-.00042	.00452	.00650	.54917	1.2835	1.0231
Stddev	.00001	.158	.00022	.00005	.00017	.00587	.0016	.0119
%RSD	29.243	.74403	52.718	1.1311	2.5397	1.0687	.12639	1.1605

#1	-.00004	21.131	-.00058	.00448	.00662	.54502	1.2846	1.0147
#2	-.00006	21.354	-.00027	.00455	.00639	.55332	1.2823	1.0315

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	.00005	359.40	.00008	.02067	1.0276	.00022	.00251
Stddev	.00026	.00028	3.19	.00008	.00020	.0379	.00003	.00859
%RSD	3.2252	520.51	.88759	97.680	.96551	3.6925	12.696	342.42

#1	.00785	-.00015	357.15	.00013	.02053	1.0008	.00020	.00858
#2	.00822	.00026	361.66	.00002	.02081	1.0544	.00024	-.00357

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59721	1.1214	.00152	.00196	-.00162	.0054	.10663	4.0842
Stddev	.00038	.0097	.00076	.00181	.00269	.0017	.00037	.0412
%RSD	.06427	.86249	50.369	92.246	166.08	32.05	.34961	1.0077

#1	.59748	1.1146	.00098	.00068	-.00352	.0042	.10637	4.0551
#2	.59693	1.1283	.00206	.00323	.00028	.0067	.10690	4.1133

Sample Name: J5771-06 Acquired: 11/6/2018 19:53:59 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-110218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6244
 Stddev .1838
 %RSD 7.0037

#1 2.7543
 #2 2.4944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.0	43765.	3564.6	92.708	3580.2
Stddev	11.2	221.	37.6	.801	10.3
%RSD	.32917	.50550	1.0553	.86442	.28894

#1	3407.1	43608.	3591.2	93.275	3587.5
#2	3423.0	43921.	3538.0	92.142	3572.9

Sample Name: J5778-05 Acquired: 11/6/2018 19:58:08 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-GRAVEL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	-.00318	.00274	.00077	-.00073	.01999	.06258	.00001
Stddev	.00331	.00077	.00141	.00301	.00133	.00583	.00184	.00004
%RSD	106.77	24.340	51.626	390.85	182.20	29.187	2.9438	312.23

#1	.00545	-.00372	.00373	.00290	-.00167	.02411	.06128	.00005
#2	.00076	-.00263	.00174	-.00136	.00021	.01586	.06388	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	71.023	.00198	.00031	.00065	.49760	.05379	34.170
Stddev	.00006	.628	.00016	.00014	.00023	.00662	.00028	.052
%RSD	227.36	.88432	8.2911	43.396	35.879	1.3297	.52957	.15222

#1	-.00002	71.467	.00209	.00041	.00082	.49292	.05399	34.134
#2	.00007	70.579	.00186	.00022	.00049	.50228	.05359	34.207

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	-.00003	328.98	.00023	.03064	.19128	-.00004	.00264
Stddev	.00044	.00058	.35	.00024	.00004	.02273	.00008	.00831
%RSD	7.5380	1836.1	.10758	102.44	.14441	11.883	193.30	314.19

#1	.00615	-.00044	329.23	.00006	.03068	.20735	-.00010	-.00323
#2	.00552	.00038	328.73	.00040	.03061	.17520	.00002	.00852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07693	.03178	.00178	-.00158	.00087	-.0036	.03565	4.8911
Stddev	.00017	.00282	.00090	.00058	.00150	.0002	.00005	.2446
%RSD	.22739	8.8790	50.599	36.644	171.81	5.977	.14704	5.0011

#1	.07705	.03378	.00241	-.00117	-.00019	-.0038	.03562	4.7182
#2	.07680	.02978	.00114	-.00199	.00193	-.0035	.03569	5.0641

Sample Name: J5778-05 Acquired: 11/6/2018 19:58:08 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-GRAVEL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4176
Stddev .1889
%RSD 7.8130

#1 2.5512
#2 2.2841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.7	43632.	3576.1	93.918	3518.4
Stddev	5.3	33.	46.1	.306	4.9
%RSD	.15580	.07600	1.2882	.32554	.13984

#1	3385.4	43608.	3543.6	94.135	3521.9
#2	3378.0	43655.	3608.7	93.702	3514.9

Sample Name: J5785-01 Acquired: 11/6/2018 20:02:18 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-SP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00028	-.00000	-.00069	.00025	.01405	.00204	-.00006
Stddev	.00094	.00021	.00040	.00299	.00095	.00223	.00144	.00005
%RSD	566.67	76.107	12116.	436.36	386.45	15.883	70.653	78.217

#1	.00083	-.00043	.00028	.00143	-.00043	.01563	.00306	-.00010
#2	-.00050	-.00013	-.00029	-.00280	.00092	.01247	.00102	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.27001	.00037	-.00009	.00079	.02173	.01310	.06130
Stddev	.00006	.01339	.00033	.00001	.00004	.00356	.00014	.00810
%RSD	144.71	4.9596	88.970	5.8497	5.5286	16.393	1.0924	13.205

#1	-.00009	.26054	.00014	-.00009	.00076	.02425	.01320	.06703
#2	.00000	.27948	.00060	-.00009	.00082	.01921	.01300	.05558

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00028	-.24823	.00013	.06940	.06474	.00027	-.00374
Stddev	.00006	.00021	.01904	.00073	.00128	.01384	.00014	.00219
%RSD	5.4467	74.256	7.6686	546.23	1.8410	21.376	53.973	58.595

#1	.00120	.00043	-.23476	.00065	.06850	.07453	.00037	-.00219
#2	.00111	.00013	-.26169	-.00038	.07030	.05496	.00016	-.00529

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9186	.00637	.00053	.00062	-.00608	.0025	.00043	2.0417
Stddev	.0024	.00222	.00007	.00204	.00180	.0005	.00008	.1278
%RSD	.12233	34.924	13.416	327.72	29.615	19.59	17.483	6.2591

#1	1.9169	.00794	.00048	.00207	-.00481	.0021	.00038	2.1321
#2	1.9202	.00480	.00058	-.00082	-.00736	.0028	.00049	1.9513

Sample Name: J5785-01 Acquired: 11/6/2018 20:02:18 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-SP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .71770
 Stddev .28916
 %RSD 40.290

#1 .92217
 #2 .51324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.4	47709.	3634.5	97.479	4133.3
Stddev	14.0	198.	24.6	1.314	19.4
%RSD	.38645	.41526	.67679	1.3480	.46932

#1	3617.5	47569.	3617.1	98.408	4119.6
#2	3637.4	47849.	3651.9	96.550	4147.0

Sample Name: CCV11 Acquired: 11/6/2018 20:06:22 Type: Unk
Method: P4-ICP2(v2552) 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	4.9327	4.8187	4.9167	4.9158	5.0496	10.189	10.012	.25129
Stddev	.0235	.0033	.0014	.0274	.0250	.007	.072	.00035
%RSD	.47725	.06878	.02826	.55805	.49492	.06706	.71563	.13887
#1	4.9494	4.8210	4.9157	4.9352	5.0673	10.184	10.063	.25104
#2	4.9161	4.8164	4.9176	4.8964	5.0319	10.194	9.9616	.25154
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4027	26.372	.95211	2.4204	1.2504	4.7449	2.5432	23.881
Stddev	.0005	.015	.00291	.0010	.0033	.1001	.0023	.032
%RSD	.01899	.05548	.30531	.04070	.26089	2.1086	.08971	.13532
#1	2.4030	26.361	.95417	2.4197	1.2527	4.8157	2.5448	23.904
#2	2.4024	26.382	.95006	2.4211	1.2481	4.6742	2.5416	23.858
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3767	1.1912	23.574	2.3993	2.5438	24.449	4.8911	4.9625
Stddev	.0025	.0031	.177	.0039	.0480	.114	.0180	.0162
%RSD	.10387	.26339	.75148	.16226	1.8855	.46572	.36708	.32668
#1	2.3750	1.1934	23.699	2.4020	2.5777	24.529	4.9038	4.9510
#2	2.3785	1.1890	23.448	2.3965	2.5099	24.368	4.8784	4.9739
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6935	4.9279	4.6276	4.8802	4.9784	4.779	4.8187	F 3.7032
Stddev	.0074	.0258	.0014	.0008	.0135	.001	.0307	.1467
%RSD	.15714	.52432	.02910	.01738	.27049	.0293	.63657	3.9629
#1	4.6987	4.9096	4.6267	4.8796	4.9880	4.780	4.8404	3.5994
#2	4.6883	4.9461	4.6286	4.8808	4.9689	4.778	4.7970	3.8070

Sample Name: CCV11 Acquired: 11/6/2018 20:06:22 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9175
Stddev	.0693
%RSD	2.3758

#1	2.9665
#2	2.8684

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.7	45353.	3556.0	91.864	3691.6
Stddev	17.7	190.	14.2	1.752	4.1
%RSD	.50068	.41847	.40043	1.9070	.11238

#1	3520.2	45219.	3546.0	90.625	3688.7
#2	3545.3	45487.	3566.1	93.102	3694.6

Sample Name: CCB11 Acquired: 11/6/2018 20:10:08 Type: Unk
Method: P4-ICP2(v2552) 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	.00195	.00050	-.00074	-.00264	-.00034	-.00081	.00214	.00000
Stddev	.00103	.00021	.00071	.00239	.00024	.00213	.00031	.00001
%RSD	52.737	40.838	96.077	90.395	68.760	262.57	14.500	31833.
#1	.00268	.00036	-.00124	-.00095	-.00051	.00069	.00236	.00001
#2	.00123	.00065	-.00024	-.00433	-.00018	-.00232	.00192	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00859	.00023	-.00003	-.00011	.00436	-.00003	.02748
Stddev	.00001	.01120	.00042	.00001	.00004	.01215	.00000	.00188
%RSD	466.65	130.33	183.64	34.743	39.347	278.70	2.8041	6.8252
#1	-.00001	.01651	-.00007	-.00004	-.00014	-.00423	-.00003	.02615
#2	.00000	.00067	.00052	-.00003	-.00008	.01295	-.00003	.02881
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00020	-.59493	.00005	-.00076	-.02467	.00060	.00030
Stddev	.00005	.00007	.01661	.00005	.00000	.03972	.00031	.00513
%RSD	10.352	36.475	2.7926	107.92	.08589	160.99	52.064	1718.4
#1	.00050	-.00025	-.60668	.00008	-.00076	.00341	.00082	-.00333
#2	.00043	-.00015	-.58318	.00001	-.00076	-.05276	.00038	.00392
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.00147	.00041	-.00049	-.00529	-.0016	.00010	F 2.5896
Stddev	.00201	.00076	.00109	.00109	.00030	.0007	.00018	.1701
%RSD	124.73	51.637	266.80	223.02	5.6886	43.02	179.58	6.5688
#1	.00019	.00201	.00118	.00028	-.00550	-.0011	-.00003	2.4693
#2	.00303	.00093	-.00036	-.00126	-.00507	-.0021	.00023	2.7099

Sample Name: CCB11 Acquired: 11/6/2018 20:10:08 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2720
Stddev .6966
%RSD 54.766

#1 .77942
#2 1.7646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3633.9	46996.	3542.5	94.175	4091.2
Stddev	7.0	198.	3.2	1.721	9.0
%RSD	.19129	.42066	.08919	1.8271	.21993

#1	3629.0	47136.	3544.7	95.392	4084.9
#2	3638.8	46856.	3540.3	92.958	4097.6

Sample Name: J5804-02 Acquired: 11/6/2018 20:14:14 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-DRUM-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	-.00172	-.00098	.00201	-.00251	.00102	.02245	.17802	-.00010
Stddev	.00155	.00080	.00081	.00035	.00098	.00403	.00005	.00003
%RSD	89.802	81.759	40.219	13.813	96.327	17.974	.02771	27.861

#1	-.00282	-.00155	.00144	-.00226	.00033	.01960	.17805	-.00008
#2	-.00063	-.00042	.00258	-.00275	.00172	.02530	.17798	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	1.2699	.00136	-.00014	-.00029	.03519	.00559	.08578
Stddev	.00016	.0121	.00010	.00012	.00007	.00367	.00003	.02324
%RSD	223.49	.95388	7.1309	81.081	23.727	10.441	.49092	27.094

#1	.00019	1.2613	.00129	-.00006	-.00033	.03259	.00557	.10221
#2	-.00004	1.2785	.00142	-.00023	-.00024	.03779	.00561	.06935

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	.00011	363.73	.00015	.16798	.30510	.00031	.05067
Stddev	.00014	.00000	3.76	.00039	.00261	.00445	.00006	.00466
%RSD	2.1432	3.9594	1.0333	259.65	1.5549	1.4598	19.445	9.1886

#1	.00648	.00010	366.39	.00043	.16983	.30195	.00027	.04737
#2	.00668	.00011	361.07	-.00013	.16613	.30825	.00035	.05396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29943	.03747	.00131	.00186	-.00071	.0015	.00357	3.5674
Stddev	.00413	.00117	.00018	.00042	.00174	.0008	.00001	.0264
%RSD	1.3797	3.1297	13.463	22.713	244.37	54.82	.39703	.74054

#1	.29651	.03664	.00144	.00216	-.00194	.0020	.00356	3.5488
#2	.30236	.03830	.00119	.00156	.00052	.0009	.00358	3.5861

Sample Name: J5804-02 Acquired: 11/6/2018 20:14:14 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BS-DRUM-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4215
 Stddev .2916
 %RSD 12.044

#1 2.6277
 #2 2.2153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.8	43491.	3507.7	93.742	3559.9
Stddev	8.1	62.	16.7	1.697	4.6
%RSD	.23866	.14315	.47703	1.8104	.12812

#1	3391.1	43447.	3495.8	92.542	3556.7
#2	3402.5	43535.	3519.5	94.942	3563.2

Sample Name: J5812-04 Acquired: 11/6/2018 20:18:24 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	-.00105	.00501	-.00018	-.00109	.13489	.13228	-.00000
Stddev	.00162	.00015	.00116	.00268	.00131	.00943	.00021	.00002
%RSD	58.964	13.811	23.198	1473.4	120.51	6.9931	.16048	1522.8

#1	.00160	-.00115	.00584	.00171	-.00202	.12822	.13213	-.00001
#2	.00390	-.00095	.00419	-.00208	-.00016	.14156	.13243	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	13.048	.00007	.00475	.00737	.06854	.81687	.94412
Stddev	.00004	.066	.00005	.00002	.00011	.01455	.00148	.03297
%RSD	27.451	.50270	61.303	.40961	1.5474	21.224	.18141	3.4917

#1	.00017	13.001	.00011	.00476	.00729	.05825	.81582	.96743
#2	.00012	13.094	.00004	.00473	.00745	.07882	.81792	.92081

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	.00007	317.19	.00027	.03380	1.3957	.00011	.00405
Stddev	.00006	.00049	3.89	.00002	.00080	.0263	.00025	.00575
%RSD	1.2864	727.95	1.2268	8.8751	2.3792	1.8883	230.57	141.85

#1	.00463	-.00028	319.94	.00029	.03323	1.3770	.00028	.00812
#2	.00455	.00041	314.44	.00025	.03437	1.4143	-.00007	-.00001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25610	.61001	.00153	.00230	-.00620	.0072	.03862	3.6924
Stddev	.00154	.00480	.00012	.00157	.00070	.0008	.00002	.1094
%RSD	.60296	.78643	7.6294	68.203	11.266	10.89	.04394	2.9637

#1	.25501	.61340	.00162	.00119	-.00670	.0078	.03863	3.6150
#2	.25720	.60661	.00145	.00341	-.00571	.0066	.03860	3.7698

Sample Name: J5812-04 Acquired: 11/6/2018 20:18:24 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4091
 Stddev .0613
 %RSD 2.5434

#1 2.4524
 #2 2.3657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3447.1	44227.	3586.2	93.358	3620.9
Stddev	1.7	68.	28.5	1.638	19.3
%RSD	.05049	.15293	.79354	1.7547	.53369

#1	3445.9	44179.	3566.1	94.517	3607.2
#2	3448.3	44275.	3606.3	92.200	3634.6

Sample Name: J5812-04DUP Acquired: 11/6/2018 20:22:34 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00131	.00457	-.00078	.00042	.14606	.13250	.00000
Stddev	.00241	.00033	.00019	.00160	.00038	.01680	.00013	.00006
%RSD	435.52	25.450	4.1386	205.01	90.038	11.499	.09908	7363.4

#1	.00115	-.00108	.00444	-.00191	.00015	.13419	.13259	-.00004
#2	-.00225	-.00155	.00471	.00035	.00069	.15794	.13240	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	13.079	.00009	.00497	.00734	.07119	.81634	.95217
Stddev	.00003	.072	.00023	.00016	.00014	.00435	.00064	.01998
%RSD	17.346	.54977	255.11	3.1978	1.8542	6.1144	.07837	2.0988

#1	.00017	13.028	.00025	.00508	.00743	.06811	.81679	.96630
#2	.00013	13.129	-.00007	.00486	.00724	.07427	.81589	.93804

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00504	.00021	314.00	.00062	.03336	1.3918	.00008	.00888
Stddev	.00011	.00071	.84	.00023	.00001	.0232	.00005	.00605
%RSD	2.1702	340.35	.26873	36.167	.02502	1.6700	59.784	68.117

#1	.00512	.00071	313.40	.00046	.03336	1.3754	.00011	.00460
#2	.00497	-.00029	314.60	.00078	.03335	1.4082	.00005	.01316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26012	.60884	.00126	.00335	-.00612	.0076	.03859	3.3072
Stddev	.00119	.00258	.00045	.00114	.00004	.0007	.00035	.1589
%RSD	.45688	.42399	35.899	34.136	.61051	9.458	.91540	4.8060

#1	.25928	.60701	.00157	.00415	-.00609	.0071	.03834	3.1948
#2	.26096	.61066	.00094	.00254	-.00615	.0081	.03884	3.4196

Sample Name: J5812-04DUP Acquired: 11/6/2018 20:22:34 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-ADUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3880
Stddev	.0563
%RSD	2.3570

#1	2.4278
#2	2.3482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.6	44293.	3582.5	93.946	3628.1
Stddev	.5	8.	1.6	.230	.9
%RSD	.01317	.01914	.04342	.24462	.02554

#1	3453.0	44299.	3583.6	93.783	3627.4
#2	3452.3	44287.	3581.4	94.108	3628.7

Sample Name: J5812-04LX5 Acquired: 11/6/2018 20:26:44 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7650 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	.00008	.00121	-.00198	-.00133	.03341	.02942	.00003
Stddev	.00089	.00159	.00010	.00223	.00124	.00284	.00020	.00002
%RSD	31.852	1961.8	8.0274	112.75	93.258	8.5141	.66787	82.279

#1	.00215	-.00105	.00114	-.00356	-.00045	.03140	.02928	.00004
#2	.00341	.00121	.00128	-.00040	-.00221	.03542	.02956	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	2.7120	-.00000	.00112	.00132	.01758	.17102	.27776
Stddev	.00009	.0154	.00025	.00020	.00028	.00297	.00054	.00691
%RSD	801.02	.56590	69678.	17.980	21.567	16.879	.31573	2.4861

#1	.00007	2.7228	-.00018	.00126	.00152	.01548	.17064	.27287
#2	-.00005	2.7011	.00017	.00098	.00112	.01968	.17140	.28264

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00001	64.955	.00002	.00731	.31635	-.00006	-.00316
Stddev	.00033	.00003	.127	.00017	.00016	.04690	.00008	.00176
%RSD	31.013	236.78	.19483	875.11	2.2368	14.826	150.50	55.756

#1	.00130	-.00004	64.865	-.00010	.00742	.34951	-.00011	-.00440
#2	.00083	.00001	65.044	.00014	.00719	.28318	.00000	-.00191

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05342	.13365	-.00014	.00327	-.00521	.0009	.00795	2.9939
Stddev	.00022	.00348	.00018	.00294	.00186	.0005	.00011	.2861
%RSD	.40797	2.6049	129.94	89.839	35.620	61.47	1.3959	9.5550

#1	.05357	.13611	-.00001	.00535	-.00652	.0005	.00802	3.1961
#2	.05327	.13119	-.00027	.00119	-.00390	.0012	.00787	2.7916

Sample Name: J5812-04LX5 Acquired: 11/6/2018 20:26:44 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7650 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5616
Stddev	.4067
%RSD	26.043

#1	1.2741
#2	1.8492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.4	45817.	3579.6	95.047	3849.6
Stddev	12.6	23.	8.9	.008	7.3
%RSD	.35335	.05108	.24966	.00888	.18987

#1	3567.3	45834.	3573.2	95.053	3844.4
#2	3549.5	45800.	3585.9	95.041	3854.7

Sample Name: J5812-04MS Acquired: 11/6/2018 20:30:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-AMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79697	1.8678	.97352	2.0036	.79265	2.2760	.34795	.20240	.19536
Stddev	.00149	.0096	.00104	.0084	.00637	.0044	.00043	.00021	.00030
%RSD	.18707	.51478	.10678	.41897	.80344	.19173	.12376	.10347	.15378

#1	.79802	1.8746	.97426	2.0095	.79715	2.2791	.34826	.20255	.19557
#2	.79591	1.8610	.97279	1.9976	.78814	2.2729	.34765	.20225	.19515

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.328	.39546	.20304	.30529	2.9822	1.0288	2.8363	.49018	.06917
Stddev	.078	.00204	.00036	.00107	.0162	.0024	.0064	.00000	.00010
%RSD	.54346	.51485	.17663	.35018	.54323	.23538	.22605	.00013	.14205

#1	14.273	.39690	.20279	.30604	2.9708	1.0305	2.8318	.49019	.06924
#2	14.383	.39402	.20329	.30453	2.9937	1.0271	2.8409	.49018	.06910

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	320.36	.30360	.22730	11.746	.40435	.30375	.25190	1.5412	.64693
Stddev	3.20	.00053	.00263	.031	.00131	.01307	.00209	.0219	.00264
%RSD	.99968	.17377	1.1549	.26804	.32473	4.3025	.82782	1.4186	.40863

#1	322.63	.30323	.22915	11.769	.40528	.31299	.25042	1.5566	.64880
#2	318.10	.30398	.22544	11.724	.40343	.29451	.25337	1.5257	.64506

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20571	.20978	5.842	.23782	3.3026	1.9115
Stddev	.00128	.00285	.020	.00103	.2678	.1129
%RSD	.62164	1.3602	.3432	.43396	8.1102	5.9058

#1	.20481	.20776	5.857	.23855	3.4920	1.9913
#2	.20662	.21179	5.828	.23709	3.1132	1.8317

Sample Name: J5812-04MS Acquired: 11/6/2018 20:30:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-AMS 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	3452.3	43860.	3523.9	94.313	3597.1
Stddev	10.6	104.	29.3	1.232	7.3
%RSD	.30643	.23699	.83119	1.3058	.20177
#1	3444.8	43786.	3503.2	93.442	3591.9
#2	3459.8	43933.	3544.6	95.183	3602.2

Sample Name: J5812-04MSD Acquired: 11/6/2018 20:34:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-AMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79730	1.8609	.96630	2.0045	.78727	2.2474	.34714	.20042	.19390
Stddev	.00686	.0005	.00039	.0073	.00116	.0314	.00138	.00032	.00020
%RSD	.86028	.02744	.03996	.36609	.14759	1.3978	.39804	.16051	.10193

#1	.79245	1.8605	.96603	1.9993	.78645	2.2252	.34617	.20065	.19404
#2	.80215	1.8612	.96657	2.0097	.78809	2.2697	.34812	.20019	.19376

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.424	.39229	.20171	.30601	3.0370	1.0211	2.9348	.48698	.06829
Stddev	.133	.00036	.00019	.00020	.0332	.0023	.0351	.00041	.00015
%RSD	.92192	.09168	.09572	.06559	1.0934	.22625	1.1946	.08418	.21445

#1	14.330	.39254	.20184	.30615	3.0135	1.0227	2.9100	.48727	.06839
#2	14.519	.39204	.20157	.30587	3.0605	1.0195	2.9595	.48669	.06818

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	323.54	.30201	.23598	11.800	.40238	.31241	.25332	1.5416	.64424
Stddev	3.22	.00013	.00161	.100	.00145	.00285	.00522	.0055	.00072
%RSD	.99660	.04286	.68378	.85100	.36131	.91186	2.0594	.35874	.11192

#1	325.82	.30211	.23484	11.729	.40135	.31039	.25700	1.5455	.64475
#2	321.26	.30192	.23712	11.871	.40341	.31442	.24963	1.5377	.64373

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20575	.20984	5.809	.23788	3.3198	1.8759
Stddev	.00012	.00028	.002	.00051	.2610	.0219
%RSD	.05671	.13394	.0307	.21611	7.8604	1.1654

#1	.20566	.20964	5.810	.23752	3.5043	1.8914
#2	.20583	.21004	5.807	.23824	3.1353	1.8604

Sample Name: J5812-04MSD Acquired: 11/6/2018 20:34:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-AMSD 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	3467.0	44404.	3508.7	90.992	3621.3
Stddev	5.5	224.	5.9	.342	6.3
%RSD	.15766	.50507	.16681	.37560	.17437
#1	3470.8	44245.	3504.5	91.233	3616.8
#2	3463.1	44563.	3512.8	90.750	3625.7

Sample Name: J5812-04A Acquired: 11/6/2018 20:38:44 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7650 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80595	1.8789	.97885	2.0215	.79813	2.2943	.34938	.20369	.19654
Stddev	.00175	.0092	.00280	.0030	.00275	.0234	.00026	.00173	.00099
%RSD	.21669	.49250	.28602	.14645	.34442	1.0187	.07511	.85079	.50208

#1	.80719	1.8855	.98083	2.0194	.80008	2.2778	.34956	.20246	.19724
#2	.80472	1.8724	.97687	2.0236	.79619	2.3108	.34919	.20491	.19584

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.546	.39726	.20434	.30881	3.0204	1.0374	2.9607	.49294	.06862
Stddev	.007	.00238	.00048	.00036	.0438	.0071	.0262	.00228	.00029
%RSD	.04504	.60001	.23562	.11671	1.4501	.68598	.88364	.46174	.41586

#1	14.542	.39557	.20468	.30906	2.9895	1.0324	2.9422	.49455	.06882
#2	14.551	.39894	.20400	.30855	3.0514	1.0425	2.9792	.49133	.06842

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	320.39	.30701	.23108	11.926	.40741	.30329	.25945	1.5527	.65280
Stddev	1.78	.00139	.00087	.065	.00131	.00471	.00496	.0033	.00271
%RSD	.55699	.45380	.37735	.54670	.32187	1.5529	1.9120	.21173	.41563

#1	319.13	.30602	.23046	11.880	.40834	.29996	.26296	1.5504	.65472
#2	321.65	.30799	.23169	11.973	.40649	.30662	.25594	1.5550	.65088

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20803	.21193	5.879	.23869	3.7205	2.2027
Stddev	.00217	.00037	.040	.00110	.0954	.0182
%RSD	1.0419	.17571	.6831	.46142	2.5644	.82630

#1	.20650	.21167	5.907	.23791	3.6530	2.2156
#2	.20956	.21220	5.851	.23947	3.7879	2.1898

Sample Name: J5812-04A Acquired: 11/6/2018 20:38:44 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7650 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	3417.6	43636.	3501.7	92.538	3567.7
Stddev	.8	228.	17.5	.206	22.3
%RSD	.02325	.52272	.49840	.22287	.62367
#1	3417.0	43797.	3489.4	92.683	3551.9
#2	3418.2	43475.	3514.1	92.392	3583.4

Sample Name: J5812-08 Acquired: 11/6/2018 20:42:41 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	-.00011	.00323	.00022	.00089	.13441	.12243	.00007
Stddev	.00063	.00035	.00037	.00172	.00025	.02267	.00049	.00005
%RSD	23.286	305.44	11.503	776.45	28.445	16.866	.40212	73.197

#1	-.00317	.00013	.00349	-.00100	.00071	.11838	.12278	.00011
#2	-.00227	-.00036	.00297	.00144	.00107	.15044	.12208	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	10.140	.00026	.00431	.00726	.06459	.73356	1.0208
Stddev	.00009	.018	.00006	.00025	.00022	.00665	.00360	.0280
%RSD	61.030	.17736	22.032	5.7237	3.0245	10.300	.49041	2.7416

#1	.00020	10.153	.00022	.00414	.00741	.05988	.73102	1.0406
#2	.00008	10.127	.00030	.00449	.00710	.06929	.73611	1.0010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00470	.00003	314.50	-.00043	.02681	1.2336	.00007	.00270
Stddev	.00020	.00039	.47	.00042	.00020	.0347	.00011	.00399
%RSD	4.2591	1297.8	.14912	96.721	.74988	2.8089	156.81	147.39

#1	.00484	-.00024	314.83	-.00073	.02666	1.2091	-.00001	.00552
#2	.00455	.00030	314.17	-.00014	.02695	1.2581	.00015	-.00011

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23680	.53636	.00118	.00274	-.00458	.0037	.03322	3.6189
Stddev	.00033	.00223	.00045	.00012	.00151	.0000	.00008	.0287
%RSD	.14147	.41662	38.359	4.5579	32.936	.8386	.24070	.79336

#1	.23656	.53478	.00086	.00283	-.00565	.0037	.03327	3.6392
#2	.23704	.53794	.00150	.00265	-.00352	.0037	.03316	3.5986

Sample Name: J5812-08 Acquired: 11/6/2018 20:42:41 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3142
 Stddev .1221
 %RSD 5.2780

#1 2.2278
 #2 2.4005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.3	44310.	3576.9	94.400	3647.1
Stddev	10.1	50.	13.5	.519	32.2
%RSD	.29092	.11335	.37794	.54931	.88419

#1	3454.1	44346.	3586.4	94.767	3624.3
#2	3468.4	44275.	3567.3	94.033	3669.9

Sample Name: J5812-12 Acquired: 11/6/2018 20:46:52 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00158	.00230	-.00082	-.00024	.08520	.24545	.00009
Stddev	.00264	.00045	.00015	.00099	.00041	.01986	.00046	.00004
%RSD	889.46	28.165	6.6963	121.01	173.20	23.309	.18611	43.405

#1	-.00217	-.00190	.00219	-.00012	-.00053	.09924	.24577	.00006
#2	.00157	-.00127	.00241	-.00152	.00005	.07115	.24513	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	10.095	-.00072	.00620	.01100	.19321	2.0859	1.3200
Stddev	.00002	.096	.00008	.00030	.00028	.00158	.0039	.0599
%RSD	16.114	.95402	11.526	4.8138	2.5014	.81688	.18871	4.5384

#1	.00013	10.027	-.00078	.00598	.01081	.19433	2.0832	1.3623
#2	.00011	10.163	-.00066	.00641	.01120	.19210	2.0887	1.2776

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	.00064	301.37	.00049	.03373	.59945	.00026	.02096
Stddev	.00007	.00025	.43	.00014	.00067	.05329	.00035	.00664
%RSD	1.0360	38.688	.14324	28.001	1.9783	8.8901	133.49	31.664

#1	.00627	.00081	301.68	.00039	.03326	.56177	.00001	.01627
#2	.00636	.00046	301.07	.00058	.03420	.63713	.00051	.02565

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09838	.38226	.00106	.00141	-.00369	.0039	.02345	3.3708
Stddev	.00327	.00015	.00084	.00079	.00053	.0005	.00002	.2417
%RSD	3.3270	.03938	79.168	55.676	14.301	13.67	.06906	7.1707

#1	.10070	.38216	.00166	.00086	-.00406	.0043	.02344	3.5417
#2	.09607	.38237	.00047	.00197	-.00331	.0035	.02346	3.1999

Sample Name: J5812-12 Acquired: 11/6/2018 20:46:52 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP2-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0860
 Stddev .1027
 %RSD 4.9226

#1 2.0134
 #2 2.1586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.6	44394.	3584.7	93.750	3639.6
Stddev	12.3	23.	4.8	1.450	9.6
%RSD	.35584	.05177	.13252	1.5462	.26339

#1	3465.3	44378.	3588.1	94.775	3632.8
#2	3447.9	44410.	3581.4	92.725	3646.4

Sample Name: J5812-16 Acquired: 11/6/2018 20:51:03 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	-.00231	.00661	.00040	.00026	.10123	.20511	.00010
Stddev	.00110	.00010	.00076	.00218	.00051	.01300	.00021	.00003
%RSD	46.901	4.1887	11.477	548.35	196.95	12.837	.10317	33.923

#1	.00313	-.00238	.00608	.00194	.00062	.11042	.20496	.00013
#2	.00157	-.00224	.00715	-.00114	-.00010	.09204	.20526	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	8.2776	-.00069	.00511	.01220	.27628	1.8370	.94689
Stddev	.00007	.0758	.00022	.00013	.00018	.00653	.0043	.05771
%RSD	71.511	.91608	31.281	2.4590	1.4483	2.3628	.23270	6.0951

#1	.00014	8.2240	-.00054	.00502	.01232	.27166	1.8340	.98770
#2	.00005	8.3312	-.00084	.00520	.01207	.28089	1.8400	.90608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00541	.00011	317.41	-.00005	.02207	.72149	-.00007	.00228
Stddev	.00024	.00035	4.34	.00020	.00004	.00852	.00021	.01165
%RSD	4.3729	317.46	1.3686	375.81	.18132	1.1815	311.81	511.74

#1	.00558	.00035	320.48	.00009	.02205	.72752	.00008	.01052
#2	.00524	-.00014	314.33	-.00019	.02210	.71546	-.00022	-.00596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06189	.37925	.00117	.00404	-.00209	.0033	.02011	3.3892
Stddev	.00143	.00000	.00007	.00018	.00213	.0012	.00007	.2213
%RSD	2.3136	.00077	5.5704	4.4844	102.05	36.07	.32737	6.5284

#1	.06290	.37925	.00122	.00417	-.00360	.0041	.02016	3.5456
#2	.06087	.37926	.00113	.00391	-.00058	.0024	.02006	3.2327

Sample Name: J5812-16 Acquired: 11/6/2018 20:51:03 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP2-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4750
 Stddev .4448
 %RSD 17.972

#1 2.7895
 #2 2.1605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.0	44277.	3536.4	94.400	3614.0
Stddev	6.7	35.	19.7	.483	13.4
%RSD	.19472	.07999	.55686	.51185	.37051

#1	3445.7	44252.	3522.5	94.742	3604.5
#2	3436.2	44302.	3550.3	94.058	3623.4

Sample Name: CCV12 Acquired: 11/6/2018 20:55:14 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14125 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8926	4.8097	4.9087	4.8785	5.0203	10.095	9.9202	.24849
Stddev	.0017	.0104	.0103	.0262	.0212	.039	.0982	.00030
%RSD	.03426	.21639	.21027	.53679	.42198	.38161	.99008	.12131
#1	4.8938	4.8171	4.9160	4.8970	5.0353	10.122	9.8508	.24827
#2	4.8914	4.8024	4.9014	4.8599	5.0054	10.068	9.9897	.24870
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3949	26.257	.94320	2.4045	1.2428	4.6691	2.5234	23.921
Stddev	.0055	.009	.00225	.0060	.0007	.0651	.0001	.078
%RSD	.22920	.03508	.23805	.24798	.05356	1.3946	.00534	.32557
#1	2.3987	26.251	.94161	2.4087	1.2432	4.7152	2.5233	23.866
#2	2.3910	26.264	.94479	2.4003	1.2423	4.6231	2.5235	23.976
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3652	1.1829	23.256	2.3882	2.5129	24.244	4.8736	4.9273
Stddev	.0032	.0021	.163	.0011	.0060	.248	.0158	.0227
%RSD	.13542	.18033	.69946	.04441	.23859	1.0213	.32405	.46146
#1	2.3674	1.1844	23.141	2.3889	2.5086	24.069	4.8848	4.9434
#2	2.3629	1.1814	23.371	2.3874	2.5171	24.419	4.8625	4.9113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6686	4.9472	4.6227	4.8354	4.9362	4.758	4.7760	F 3.6600
Stddev	.0090	.0514	.0092	.0134	.0390	.000	.0383	.3917
%RSD	.19306	1.0391	.19829	.27636	.79042	.0053	.80144	10.703
#1	4.6622	4.9109	4.6291	4.8449	4.9086	4.758	4.7490	3.9370
#2	4.6749	4.9836	4.6162	4.8260	4.9638	4.758	4.8031	3.3830

Sample Name: CCV12 Acquired: 11/6/2018 20:55:14 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14125 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8447
Stddev	.0779
%RSD	2.7389

#1	2.8998
#2	2.7896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.4	45540.	3551.5	92.713	3703.4
Stddev	24.7	14.	14.6	.135	21.3
%RSD	.69537	.03011	.41181	.14519	.57647

#1	3527.9	45531.	3561.9	92.618	3688.3
#2	3562.8	45550.	3541.2	92.808	3718.5

Sample Name: CCB12 Acquired: 11/6/2018 20:59:01 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14125 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00127	.00030	-.00087	.00003	-.00154	.00271	.00002
Stddev	.00033	.00028	.00123	.00170	.00044	.00075	.00034	.00005
%RSD	45.482	22.377	412.92	194.67	1322.2	48.784	12.544	207.55
#1	.00097	.00107	-.00057	-.00207	-.00028	-.00101	.00295	-.00001
#2	.00050	.00147	.00116	.00033	.00034	-.00207	.00247	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00167	-.00033	-.00014	-.00034	-.00315	-.00006	.00400
Stddev	.00003	.01806	.00007	.00006	.00033	.00500	.00006	.01928
%RSD	28.653	1081.7	20.172	42.085	97.876	158.61	89.507	481.71
#1	.00011	-.01110	-.00028	-.00010	-.00057	.00038	-.00002	-.00963
#2	.00007	.01444	-.00038	-.00018	-.00010	-.00669	-.00010	.01763
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00012	-.53032	.00015	-.00072	-.02595	.00031	-.00372
Stddev	.00019	.00026	.00283	.00020	.00000	.01761	.00018	.01212
%RSD	56.620	220.14	.53434	136.47	.62930	67.856	58.742	325.57
#1	.00020	.00030	-.53232	.00029	-.00072	-.01350	.00044	.00485
#2	.00048	-.00007	-.52831	.00001	-.00073	-.03840	.00018	-.01229
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00352	.00017	-.00032	-.00669	-.0013	.00011	F 2.5580
Stddev	.00549	.00392	.00012	.00048	.00045	.0007	.00007	.1801
%RSD	7636.0	111.38	74.601	147.93	6.7723	50.30	67.042	7.0404
#1	-.00381	.00629	.00008	-.00066	-.00701	-.0008	.00016	2.6853
#2	.00396	.00075	.00026	.00001	-.00637	-.0018	.00006	2.4307

Sample Name: CCB12 Acquired: 11/6/2018 20:59:01 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14125 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3323
Stddev	.2234
%RSD	16.769

#1	1.1744
#2	1.4903

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.6	46569.	3488.4	95.179	4067.6
Stddev	6.0	82.	31.7	.088	5.8
%RSD	.16770	.17650	.90757	.09287	.14184

#1	3598.3	46511.	3466.0	95.117	4063.5
#2	3606.9	46627.	3510.7	95.242	4071.7

Sample Name: J5812-20 Acquired: 11/6/2018 21:03:07 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP3-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.00137	-.00059	-.00218	-.00060	.10020	.28059	-.00007
Stddev	.00130	.00095	.00060	.00011	.00072	.00127	.00156	.00009
%RSD	67.603	69.110	102.46	4.8379	119.45	1.2724	.55684	121.96

#1	.00100	-.00070	-.00016	-.00210	-.00111	.10110	.27949	-.00001
#2	.00284	-.00204	-.00101	-.00225	-.00009	.09930	.28170	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	7.0436	-.00187	.00629	-.00695	14.047	2.3767	1.0655
Stddev	.00008	.0874	.00027	.00001	.00011	.137	.0014	.0471
%RSD	17.704	1.2411	14.304	.19867	1.6174	.97466	.05808	4.4198

#1	-.00052	6.9817	-.00168	.00630	-.00703	14.144	2.3777	1.0322
#2	-.00041	7.1054	-.00206	.00628	-.00687	13.950	2.3757	1.0988

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	-.00069	296.28	.00032	.03480	.41911	-.00021	.00993
Stddev	.00009	.00014	.72	.00027	.00066	.05043	.00020	.00025
%RSD	2.8285	20.461	.24396	83.484	1.8875	12.033	93.513	2.5478

#1	.00307	-.00059	295.77	.00013	.03526	.45477	-.00007	.01011
#2	.00295	-.00079	296.79	.00052	.03433	.38345	-.00035	.00975

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11232	.63431	.00167	.00526	-.00459	.0030	.01120	2.8572
Stddev	.00362	.00087	.00007	.00026	.00108	.0006	.00052	.0449
%RSD	3.2219	.13644	3.9869	4.9871	23.573	18.80	4.6798	1.5697

#1	.11488	.63370	.00171	.00544	-.00382	.0026	.01083	2.8255
#2	.10976	.63492	.00162	.00507	-.00535	.0034	.01157	2.8889

Sample Name: J5812-20 Acquired: 11/6/2018 21:03:07 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3291
Stddev	.1292
%RSD	2.9835

#1	4.2377
#2	4.4204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.6	43569.	3486.0	91.138	3566.3
Stddev	25.5	109.	4.6	1.833	23.8
%RSD	.74661	.25113	.13249	2.0108	.66691

#1	3393.6	43492.	3489.2	89.842	3549.5
#2	3429.6	43647.	3482.7	92.433	3583.1

Sample Name: J5812-24 Acquired: 11/6/2018 21:07:17 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00189	.00422	-.00034	.00020	.07871	.18866	.00000
Stddev	.00074	.00042	.00135	.00009	.00002	.01688	.00150	.00003
%RSD	72.971	22.136	31.904	25.514	9.7773	21.450	.79311	6891.6

#1	-.00049	-.00219	.00518	-.00028	.00019	.09065	.18761	.00002
#2	-.00153	-.00160	.00327	-.00040	.00021	.06677	.18972	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	7.3410	-.00074	.00445	.00182	4.0668	1.9022	1.1056
Stddev	.00007	.0522	.00023	.00019	.00032	.0789	.0018	.0397
%RSD	160.78	.71124	30.699	4.1643	17.717	1.9390	.09233	3.5880

#1	-.00009	7.3041	-.00090	.00432	.00205	4.0111	1.9010	1.1336
#2	.00001	7.3779	-.00058	.00458	.00159	4.1226	1.9035	1.0775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	-.00011	327.88	.00048	.02152	.35513	.00011	.00284
Stddev	.00011	.00049	.45	.00016	.00063	.01899	.00037	.00355
%RSD	3.3238	465.59	.13630	33.117	2.9142	5.3473	335.14	125.16

#1	.00311	.00024	327.57	.00060	.02108	.36856	.00037	.00535
#2	.00326	-.00046	328.20	.00037	.02197	.34170	-.00015	.00033

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09567	.87160	.00072	.00413	-.00410	.0030	.02201	3.6048
Stddev	.00126	.00289	.00041	.00162	.00106	.0011	.00008	.0033
%RSD	1.3200	.33209	56.187	39.351	25.810	36.68	.35358	.09161

#1	.09656	.86955	.00101	.00298	-.00335	.0038	.02195	3.6025
#2	.09478	.87364	.00044	.00527	-.00484	.0022	.02206	3.6071

Sample Name: J5812-24 Acquired: 11/6/2018 21:07:17 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP3-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9665
Stddev .4212
%RSD 14.197

#1 3.2643
#2 2.6687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.9	43566.	3483.4	91.958	3562.7
Stddev	19.0	79.	13.8	1.426	14.8
%RSD	.55843	.18153	.39602	1.5507	.41542

#1	3382.5	43510.	3493.2	92.967	3552.3
#2	3409.3	43622.	3473.7	90.950	3573.2

Sample Name: J5812-28 Acquired: 11/6/2018 21:11:27 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00220	.00709	.00062	-.00223	.12420	.21874	.00002
Stddev	.00061	.00113	.00045	.00037	.00019	.02521	.00042	.00005
%RSD	702.53	51.147	6.3138	60.452	8.3879	20.295	.19380	239.02

#1	.00034	-.00300	.00677	.00035	-.00209	.14202	.21904	-.00001
#2	-.00052	-.00141	.00741	.00088	-.00236	.10638	.21844	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	30.983	-.00022	.00389	.00619	1.3741	1.6314	1.2425
Stddev	.00009	.105	.00026	.00002	.00016	.0143	.0008	.0075
%RSD	276.58	.33872	115.21	.47453	2.5268	1.0373	.04805	.59928

#1	-.00003	30.909	-.00004	.00388	.00630	1.3842	1.6308	1.2478
#2	.00010	31.057	-.00040	.00390	.00608	1.3640	1.6319	1.2372

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00485	.00000	299.34	.00020	.03132	.89480	.00021	.00370
Stddev	.00016	.00052	.25	.00018	.00076	.02308	.00007	.00238
%RSD	3.2197	32431.	.08273	90.337	2.4220	2.5793	35.425	64.261

#1	.00496	-.00037	299.52	.00033	.03186	.87848	.00016	.00202
#2	.00474	.00037	299.17	.00007	.03079	.91112	.00026	.00539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18584	.53316	.00203	.00292	-.00347	.0039	.12225	4.4117
Stddev	.00308	.00066	.00112	.00015	.00151	.0013	.00018	.1454
%RSD	1.6589	.12436	55.209	5.2987	43.477	33.02	.14501	3.2963

#1	.18366	.53269	.00124	.00303	-.00454	.0030	.12237	4.3089
#2	.18802	.53363	.00283	.00281	-.00240	.0048	.12212	4.5146

Sample Name: J5812-28 Acquired: 11/6/2018 21:11:27 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP4-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5986
 Stddev .4557
 %RSD 17.536

#1 2.9208
 #2 2.2764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.7	43512.	3514.7	90.821	3555.5
Stddev	3.3	6.	10.3	1.479	10.3
%RSD	.09709	.01476	.29428	1.6285	.29108

#1	3409.1	43517.	3522.0	89.775	3562.8
#2	3404.4	43508.	3507.4	91.867	3548.2

Sample Name: J5812-32 Acquired: 11/6/2018 21:15:37 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.00421	.00199	.00130	-.00124	.13917	.20295	.00008
Stddev	.00322	.00059	.00098	.00090	.00013	.00580	.00051	.00000
%RSD	489.71	14.054	49.185	68.809	10.719	4.1681	.25345	1.2047

#1	-.00162	-.00463	.00268	.00067	-.00134	.13507	.20259	.00008
#2	.00294	-.00379	.00130	.00194	-.00115	.14327	.20331	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	17.305	.00014	.00509	.00701	.90610	1.6544	1.4576
Stddev	.00001	.297	.00054	.00010	.00003	.01056	.0015	.0283
%RSD	3.0681	1.7136	388.89	2.0632	.44142	1.1656	.08873	1.9386

#1	.00029	17.095	.00052	.00516	.00703	.91357	1.6534	1.4376
#2	.00028	17.514	-.00024	.00501	.00699	.89863	1.6555	1.4776

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00525	-.00033	307.76	.00038	.04507	.82896	.00030	.00399
Stddev	.00007	.00021	5.52	.00014	.00030	.03822	.00034	.00026
%RSD	1.2824	63.782	1.7926	35.580	.67506	4.6100	114.94	6.4241

#1	.00520	-.00018	311.66	.00029	.04529	.80194	.00006	.00417
#2	.00529	-.00048	303.86	.00048	.04486	.85598	.00054	.00381

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19267	.63073	.00104	.00187	-.00408	.0034	.05856	3.9071
Stddev	.00057	.00994	.00029	.00019	.00036	.0010	.00046	.0658
%RSD	.29806	1.5765	27.846	9.9196	8.7362	30.02	.77767	1.6850

#1	.19307	.63776	.00125	.00174	-.00433	.0041	.05888	3.9536
#2	.19226	.62370	.00084	.00200	-.00383	.0026	.05824	3.8605

Sample Name: J5812-32 Acquired: 11/6/2018 21:15:37 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7054
Stddev .1906
%RSD 7.0437

#1 2.8401
#2 2.5706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.9	43550.	3505.5	92.275	3550.2
Stddev	4.8	129.	32.5	1.025	8.1
%RSD	.14300	.29524	.92704	1.1111	.22934

#1	3351.5	43459.	3482.6	91.550	3555.9
#2	3358.3	43641.	3528.5	93.000	3544.4

Sample Name: J5815-02 Acquired: 11/6/2018 21:19:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HL-R37719-RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00183	.00606	.00191	-.00281	.27708	.11812	.00004
Stddev	.00279	.00131	.00182	.00320	.00005	.01220	.00126	.00003
%RSD	514.53	71.342	29.992	167.53	1.9023	4.4017	1.0683	85.326

#1	-.00251	-.00276	.00735	-.00035	-.00284	.26845	.11902	.00006
#2	.00143	-.00091	.00478	.00417	-.00277	.28570	.11723	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	49.362	.12312	.00340	.00354	.04887	.04427	2.5520
Stddev	.00007	.472	.00001	.00008	.00010	.00688	.00015	.0482
%RSD	87.361	.95617	.00582	2.2840	2.8543	14.069	.33010	1.8890

#1	-.00012	49.028	.12312	.00335	.00347	.04401	.04417	2.5179
#2	-.00003	49.696	.12313	.00346	.00361	.05373	.04437	2.5861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02419	.00011	326.19	.00128	.02534	.37795	.00025	.00723
Stddev	.00028	.00071	.55	.00002	.00020	.01539	.00018	.00573
%RSD	1.1628	673.75	.16751	1.9187	.78080	4.0729	70.016	79.270

#1	.02399	.00061	326.57	.00127	.02520	.36706	.00013	.01128
#2	.02438	-.00040	325.80	.00130	.02548	.38883	.00038	.00318

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67755	1.4109	.00031	.00376	-.00059	.0177	.11702	4.5299
Stddev	.00216	.0112	.00030	.00026	.00130	.0005	.00074	.1584
%RSD	.31936	.79030	96.134	6.9265	218.43	2.674	.63584	3.4976

#1	.67602	1.4188	.00010	.00394	.00032	.0180	.11649	4.6419
#2	.67908	1.4030	.00052	.00357	-.00151	.0174	.11754	4.4179

Sample Name: J5815-02 Acquired: 11/6/2018 21:19:47 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HL-R37719-RT Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7777
Stddev .1825
%RSD 6.5687

#1 2.6487
#2 2.9067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.7	43406.	3514.3	93.067	3510.6
Stddev	18.5	23.	4.0	.283	16.5
%RSD	.54861	.05313	.11451	.30391	.47074

#1	3351.6	43423.	3511.5	93.267	3499.0
#2	3377.7	43390.	3517.2	92.867	3522.3

Sample Name: J5815-04 Acquired: 11/6/2018 21:23:56 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HL-R47183-RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00230	.00292	.00006	-.00223	.12621	.12808	.00002
Stddev	.00351	.00005	.00188	.00307	.00069	.01046	.00081	.00002
%RSD	212.29	2.0963	64.529	4975.1	30.891	8.2848	.62879	112.11

#1	-.00083	-.00233	.00159	-.00211	-.00271	.13361	.12751	.00000
#2	.00413	-.00227	.00425	.00223	-.00174	.11882	.12865	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	143.53	.32544	.00634	.00130	-.00889	.06661	4.4612
Stddev	.00006	.10	.00008	.00008	.00024	.00187	.00003	.0425
%RSD	78.317	.07125	.02348	1.1857	18.705	20.985	.04357	.95364

#1	-.00011	143.60	.32539	.00629	.00113	-.00757	.06659	4.4311
#2	-.00003	143.46	.32550	.00639	.00147	-.01021	.06663	4.4913

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04887	.00010	328.75	.00257	.01969	.70270	.00046	.03195
Stddev	.00042	.00078	2.21	.00018	.00030	.05670	.00001	.00850
%RSD	.85879	760.72	.67145	6.9290	1.5251	8.0694	2.8384	26.586

#1	.04857	-.00045	330.31	.00244	.01948	.74280	.00045	.02595
#2	.04917	.00066	327.19	.00270	.01991	.66261	.00047	.03796

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0746	4.2212	.00031	.00029	.00228	.0034	.29595	5.8995
Stddev	.0140	.0009	.00016	.00160	.00103	.0008	.00088	.1278
%RSD	.34247	.02164	49.599	552.71	45.402	22.27	.29638	2.1656

#1	4.0647	4.2219	.00042	.00142	.00155	.0029	.29533	5.9898
#2	4.0844	4.2206	.00020	-.00084	.00301	.0039	.29657	5.8091

Sample Name: J5815-04 Acquired: 11/6/2018 21:23:56 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HL-R47183-RT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.9980
Stddev	.0942
%RSD	3.1409

#1	2.9314
#2	3.0646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.1	42805.	3474.1	89.517	3446.3
Stddev	11.4	148.	16.1	.253	15.8
%RSD	.34452	.34489	.46249	.28249	.45746

#1	3313.0	42701.	3462.8	89.696	3435.2
#2	3329.2	42909.	3485.5	89.338	3457.5

Sample Name: J5815-06 Acquired: 11/6/2018 21:28:05 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HL-R25951-RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00149	.00364	-.00174	-.00001	.26080	.06692	-.00010
Stddev	.00086	.00077	.00041	.00100	.00056	.01441	.00001	.00004
%RSD	375.23	51.406	11.155	57.548	5955.2	5.5264	.01234	41.142

#1	-.00083	-.00095	.00392	-.00103	-.00041	.27099	.06691	-.00013
#2	.00038	-.00203	.00335	-.00245	.00039	.25061	.06692	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	3.3032	.00453	-.00018	.00285	.07150	.00504	.18244
Stddev	.00005	.0109	.00012	.00021	.00007	.00608	.00001	.01422
%RSD	111.57	.32965	2.6379	119.43	2.5278	8.5049	.14871	7.7944

#1	-.00008	3.3109	.00445	-.00033	.00280	.07581	.00505	.19250
#2	-.00001	3.2955	.00462	-.00003	.00290	.06720	.00504	.17239

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00067	322.67	.00036	.01785	.36286	.00020	.00633
Stddev	.00009	.00004	4.28	.00038	.00031	.00935	.00026	.00449
%RSD	3.7501	6.5820	1.3256	106.44	1.7534	2.5755	134.09	70.961

#1	.00259	-.00071	325.70	.00063	.01762	.36946	.00001	.00315
#2	.00245	-.00064	319.65	.00009	.01807	.35625	.00038	.00951

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08790	.45559	.00070	.00649	-.00304	.0030	.02079	3.4575
Stddev	.00506	.01076	.00066	.00140	.00090	.0013	.00007	.1489
%RSD	5.7546	2.3615	93.585	21.576	29.732	42.49	.33478	4.3070

#1	.09148	.46320	.00117	.00747	-.00368	.0039	.02074	3.3522
#2	.08433	.44798	.00024	.00550	-.00240	.0021	.02084	3.5628

Sample Name: J5815-06 Acquired: 11/6/2018 21:28:05 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HL-R25951-RT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4105
 Stddev .3047
 %RSD 12.642

#1 2.6259
 #2 2.1950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.7	43611.	3477.2	91.333	3579.5
Stddev	10.3	187.	43.5	1.202	13.9
%RSD	.30209	.42948	1.2514	1.3161	.38938

#1	3405.9	43478.	3446.4	92.183	3569.7
#2	3391.4	43743.	3507.9	90.483	3589.4

Sample Name: J5816-04 Acquired: 11/6/2018 21:32:17 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00233	.00618	.00148	-.00180	.09972	.15143	.00011
Stddev	.00095	.00056	.00029	.00164	.00091	.01013	.00086	.00005
%RSD	101.33	23.940	4.7681	110.50	50.651	10.154	.56847	41.181

#1	.00160	-.00272	.00639	.00264	-.00116	.09256	.15082	.00008
#2	.00026	-.00193	.00597	.00032	-.00245	.10688	.15204	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	22.025	-.00067	.00349	.00288	.09802	1.7752	4.1614
Stddev	.00003	.011	.00013	.00024	.00046	.00211	.0055	.0052
%RSD	43.096	.04983	18.930	6.8664	16.109	2.1493	.30902	.12603

#1	.00005	22.033	-.00058	.00366	.00321	.09951	1.7713	4.1651
#2	.00010	22.017	-.00076	.00332	.00255	.09653	1.7791	4.1577

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	.00027	298.50	.00024	.02078	1.6186	.00026	.00956
Stddev	.00005	.00044	.88	.00019	.00005	.0062	.00015	.00118
%RSD	2.1317	162.82	.29334	78.243	.25841	.38012	58.302	12.316

#1	.00227	-.00004	299.12	.00011	.02082	1.6142	.00015	.01039
#2	.00220	.00059	297.88	.00037	.02074	1.6229	.00036	.00873

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33211	.32585	.00079	.00223	-.00369	.0064	.04191	4.3332
Stddev	.00168	.00064	.00042	.00156	.00017	.0014	.00027	.2578
%RSD	.50638	.19536	52.843	70.183	4.5236	21.71	.63325	5.9502

#1	.33092	.32630	.00050	.00333	-.00381	.0054	.04172	4.5156
#2	.33330	.32540	.00109	.00112	-.00357	.0074	.04210	4.1509

Sample Name: J5816-04 Acquired: 11/6/2018 21:32:17 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6667
 Stddev .2799
 %RSD 10.498

#1 2.8647
 #2 2.4688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.4	43593.	3495.8	91.954	3539.8
Stddev	5.2	66.	23.6	.772	2.0
%RSD	.15248	.15141	.67505	.83947	.05573

#1	3385.7	43640.	3479.1	91.408	3541.2
#2	3393.1	43547.	3512.5	92.500	3538.4

Sample Name: J5816-08 Acquired: 11/6/2018 21:36:28 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01432	-.00174	.02081	-.00155	.00290	.10033	.17483	.00005
Stddev	.00026	.00032	.00139	.00102	.00013	.00232	.00059	.00008
%RSD	1.8018	18.668	6.6807	66.252	4.5047	2.3169	.33970	143.44

#1	.01414	-.00196	.01983	-.00082	.00281	.09869	.17441	.00011
#2	.01451	-.00151	.02180	-.00227	.00299	.10198	.17525	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	8.7043	.00098	.00421	.01787	.21565	.32121	1.3661
Stddev	.00005	.0105	.00040	.00003	.00026	.00954	.00024	.0077
%RSD	87.843	.12107	40.287	.78344	1.4457	4.4232	.07350	.56726

#1	.00010	8.7118	.00070	.00419	.01805	.22240	.32138	1.3606
#2	.00002	8.6968	.00126	.00423	.01768	.20891	.32105	1.3716

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00744	-.00005	294.05	.00004	.03062	.40559	.00017	.00790
Stddev	.00035	.00080	1.50	.00006	.00054	.01061	.00011	.00015
%RSD	4.7692	1638.5	.50910	156.50	1.7620	2.6154	63.038	1.8973

#1	.00719	-.00061	295.11	.00008	.03100	.39809	.00025	.00800
#2	.00769	.00051	292.99	-.00000	.03024	.41309	.00010	.00779

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17279	.40858	.00209	.00339	-.00471	.0039	.03126	3.3789
Stddev	.00285	.00320	.00035	.00209	.00176	.0003	.00001	.0118
%RSD	1.6522	.78382	16.899	61.519	37.257	8.538	.04095	.35002

#1	.17481	.41085	.00234	.00192	-.00595	.0041	.03125	3.3705
#2	.17077	.40632	.00184	.00487	-.00347	.0037	.03126	3.3872

Sample Name: J5816-08 Acquired: 11/6/2018 21:36:28 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4A-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2490
Stddev .1575
%RSD 7.0019

#1 2.3604
#2 2.1377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3392.5	43902.	3479.0	91.225	3585.8
Stddev	32.0	297.	28.2	1.143	11.8
%RSD	.94353	.67623	.81171	1.2531	.32857

#1	3369.8	43692.	3459.0	90.417	3577.5
#2	3415.1	44112.	3499.0	92.033	3594.2

Sample Name: J5816-12 Acquired: 11/6/2018 21:40:39 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4A-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00754	-.00270	.00502	.00096	-.00062	.93340	.53072	.00005
Stddev	.00180	.00148	.00080	.00101	.00123	.00979	.00020	.00006
%RSD	23.915	54.604	15.863	105.96	196.51	1.0487	.03719	107.20

#1	.00627	-.00166	.00558	.00168	.00024	.92648	.53058	.00009
#2	.00882	-.00375	.00446	.00024	-.00149	.94033	.53086	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	16.546	.00133	-.00015	.00120	2.2976	.81945	3.5255
Stddev	.00002	.014	.00000	.00014	.00044	.0702	.00131	.0576
%RSD	11.462	.08513	.01837	99.294	36.712	3.0555	.15952	1.6332

#1	-.00020	16.556	.00133	-.00025	.00151	2.2479	.82038	3.4848
#2	-.00017	16.536	.00133	-.00004	.00089	2.3472	.81853	3.5662

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00022	264.62	.00163	.08446	.54605	.00011	.03105
Stddev	.00033	.00062	1.81	.00002	.00290	.02406	.00004	.00486
%RSD	101.89	289.18	.68517	1.2056	3.4354	4.4064	40.181	15.659

#1	.00009	.00023	263.34	.00161	.08240	.56306	.00008	.03449
#2	.00055	-.00066	265.90	.00164	.08651	.52903	.00014	.02761

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23468	2.6404	.00184	.02070	-.00485	.1767	.04154	3.6562
Stddev	.00222	.0130	.00004	.00072	.00287	.0008	.00021	.0824
%RSD	.94783	.49138	1.9760	3.4673	59.242	.4809	.51033	2.2543

#1	.23311	2.6312	.00182	.02019	-.00688	.1773	.04169	3.5979
#2	.23625	2.6496	.00187	.02121	-.00282	.1761	.04139	3.7145

Sample Name: J5816-12 Acquired: 11/6/2018 21:40:39 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4A-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3990
 Stddev .2851
 %RSD 11.885

#1 2.1974
 #2 2.6006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.0	43562.	3490.8	92.768	3585.3
Stddev	1.7	143.	15.9	3.211	3.9
%RSD	.05051	.32927	.45652	3.4613	.10778

#1	3418.2	43460.	3502.0	95.039	3582.5
#2	3415.7	43663.	3479.5	90.498	3588.0

Sample Name: CCV13 Acquired: 11/6/2018 21:44:42 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14126 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0072	4.8924	5.0100	4.9641	5.1109	10.072	10.206	.25244
Stddev	.0010	.0065	.0000	.0061	.0034	.061	.044	.00014
%RSD	.01935	.13319	.00086	.12265	.06682	.60190	.43055	.05441
#1	5.0065	4.8878	5.0101	4.9598	5.1133	10.029	10.237	.25234
#2	5.0079	4.8970	5.0100	4.9684	5.1084	10.115	10.175	.25254
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4451	26.642	.96071	2.4650	1.2613	4.7643	2.5605	24.400
Stddev	.0007	.122	.00353	.0007	.0023	.0255	.0009	.167
%RSD	.02695	.45610	.36731	.02984	.17991	.53510	.03634	.68586
#1	2.4446	26.556	.95821	2.4645	1.2629	4.7823	2.5598	24.518
#2	2.4456	26.728	.96320	2.4655	1.2597	4.7463	2.5611	24.282
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4133	1.1998	23.814	2.4129	2.5809	24.758	4.9389	4.9680
Stddev	.0035	.0008	.131	.0010	.0178	.038	.0001	.0070
%RSD	.14355	.06290	.54865	.04196	.69091	.15367	.00206	.14147
#1	2.4108	1.2004	23.906	2.4121	2.5935	24.785	4.9389	4.9730
#2	2.4157	1.1993	23.722	2.4136	2.5683	24.731	4.9390	4.9630
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7317	5.0512	4.7027	4.9361	5.0392	4.847	4.8932	F 3.6321
Stddev	.0004	.0060	.0129	.0200	.0112	.001	.0285	.4123
%RSD	.00747	.11978	.27328	.40463	.22156	.0140	.58330	11.352
#1	4.7319	5.0555	4.6936	4.9502	5.0471	4.848	4.9133	3.3405
#2	4.7314	5.0469	4.7118	4.9220	5.0313	4.847	4.8730	3.9236

Sample Name: CCV13 Acquired: 11/6/2018 21:44:42 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14126 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5787
Stddev .0226
%RSD .87446

#1 2.5628
#2 2.5946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.0	44976.	3438.4	90.215	3627.2
Stddev	5.4	56.	11.8	.706	2.3
%RSD	.15639	.12441	.34236	.78236	.06413

#1	3476.2	44937.	3430.1	89.715	3625.5
#2	3483.9	45016.	3446.7	90.714	3628.8

Sample Name: CCB13 Acquired: 11/6/2018 21:48:28 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14126 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00281	-.00089	.00044	-.00436	.00031	-.00549	.00253	.00006
Stddev	.00027	.00116	.00018	.00039	.00141	.00691	.00032	.00002
%RSD	9.7688	130.13	39.758	9.0444	450.36	125.88	12.733	40.109
#1	.00300	-.00171	.00032	-.00408	-.00069	-.00060	.00275	.00004
#2	.00262	-.00007	.00057	-.00464	.00131	-.01038	.00230	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00088	-.00011	.00004	-.00023	.00991	-.00003	.02036
Stddev	.00013	.01428	.00027	.00000	.00012	.00425	.00002	.03586
%RSD	308.82	1628.8	240.18	10.595	51.956	42.918	63.798	176.09
#1	-.00013	.00922	-.00031	.00004	-.00015	.00690	-.00004	-.00499
#2	.00005	-.01097	.00008	.00004	-.00032	.01292	-.00001	.04572
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00005	-.53440	.00016	-.00059	-.02734	.00031	.01091
Stddev	.00004	.00039	.01208	.00023	.00007	.01624	.00037	.00857
%RSD	8.2779	756.53	2.2604	141.60	11.217	59.407	119.76	78.546
#1	.00055	-.00023	-.52586	.00032	-.00055	-.03882	.00056	.01697
#2	.00049	.00033	-.54294	-.00000	-.00064	-.01585	.00005	.00485
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00393	.00001	.00181	-.00657	-.0024	-.00007	F 2.3145
Stddev	.00296	.00115	.00017	.00094	.00003	.0017	.00002	.4487
%RSD	32301.	29.207	1659.9	51.809	.46761	73.24	33.327	19.386
#1	-.00208	.00474	.00013	.00247	-.00659	-.0036	-.00009	2.6318
#2	.00210	.00312	-.00011	.00114	-.00655	-.0011	-.00006	1.9973

Sample Name: CCB13 Acquired: 11/6/2018 21:48:28 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14126 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2797
Stddev	.4209
%RSD	32.891

#1	1.5773
#2	.98207

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.1	46656.	3505.6	94.475	4054.9
Stddev	5.2	118.	58.3	1.945	10.2
%RSD	.14469	.25300	1.6641	2.0583	.25201

#1	3593.4	46573.	3464.4	93.100	4047.7
#2	3600.8	46740.	3546.9	95.850	4062.2

Sample Name: J5789-02 Acquired: 11/6/2018 21:52:35 Type: Unk
Method: P4-ICP2(v2552) 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	.00426	.00029	.00303	.00149	-.00323	.00452	.02394	.00005
Stddev	.00059	.00161	.00142	.00040	.00119	.01400	.00040	.00002
%RSD	13.741	557.61	46.826	26.447	36.904	310.05	1.6777	30.542
#1	.00385	.00142	.00403	.00177	-.00407	-.00539	.02423	.00004
#2	.00468	-.00085	.00202	.00121	-.00239	.01442	.02366	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	72.960	-.00103	-.00040	.00151	-.00864	.00610	148.62
Stddev	.00003	.110	.00038	.00005	.00020	.01443	.00012	.46
%RSD	23.512	.15138	36.367	11.662	13.211	167.09	1.9608	.30698
#1	-.00017	72.882	-.00130	-.00037	.00165	-.01884	.00619	148.94
#2	-.00012	73.038	-.00077	-.00044	.00137	.00157	.00602	148.30
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00015	1143.4	.00081	-.00014	49.404	.00137	.53431
Stddev	.00028	.00024	8.5	.00004	.00005	.010	.00023	.00653
%RSD	12.815	164.16	.74445	5.2173	35.752	.01986	16.771	1.2219
#1	-.00196	-.00032	1149.4	.00078	-.00018	49.397	.00153	.52970
#2	-.00235	.00002	1137.4	.00084	-.00011	49.411	.00120	.53893
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 115.84	1.7228	-.04244	-.00007	.01249	.0750	.95340	5.2956
Stddev	.02	.0054	.00053	.00299	.00139	.0001	.00069	.0641
%RSD	.01345	.31348	1.2578	4573.1	11.115	.1965	.07260	1.2103
#1	115.85	1.7267	-.04281	-.00218	.01347	.0751	.95389	5.3409
#2	115.83	1.7190	-.04206	.00205	.01151	.0749	.95291	5.2503

Sample Name: J5789-02 Acquired: 11/6/2018 21:52:35 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3435
Stddev	.5662
%RSD	13.035

#1	4.7438
#2	3.9432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.9	42035.	3533.7	93.992	3268.6
Stddev	2.8	132.	3.6	.354	1.2
%RSD	.08512	.31508	.10119	.37615	.03544

#1	3317.9	41942.	3536.3	94.242	3267.8
#2	3321.9	42129.	3531.2	93.742	3269.4

Sample Name: J5789-03 Acquired: 11/6/2018 21:56:44 Type: Unk
Method: P4-ICP2(v2552) 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	.00433	.00021	.00271	-.00104	-.00229	.01691	.02418	.00004
Stddev	.00210	.00007	.00089	.00006	.00132	.03244	.00059	.00001
%RSD	48.657	33.474	32.939	5.6745	57.765	191.82	2.4489	24.509
#1	.00284	.00027	.00208	-.00100	-.00136	-.00603	.02376	.00004
#2	.00581	.00016	.00334	-.00108	-.00323	.03985	.02460	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	65.816	-.00064	-.00035	.00093	-.00027	.00443	122.73
Stddev	.00002	.609	.00025	.00017	.00091	.01721	.00004	.87
%RSD	18.781	.92462	39.299	47.291	96.871	6313.4	.98423	.70654
#1	-.00014	66.246	-.00082	-.00023	.00029	.01190	.00446	123.34
#2	-.00011	65.386	-.00047	-.00047	.00157	-.01244	.00440	122.11
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	.00004	927.72	.00135	.00024	40.950	.00119	.42830
Stddev	.00015	.00026	13.46	.00038	.00011	.197	.00015	.00681
%RSD	7.1787	743.04	1.4507	27.826	47.336	.48094	12.479	1.5894
#1	-.00220	.00022	937.24	.00162	.00032	41.090	.00130	.43312
#2	-.00199	-.00015	918.21	.00108	.00016	40.811	.00109	.42349
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.251	1.7742	-.03361	-.00192	.00753	.0732	.81034	4.9819
Stddev	.911	.0068	.00070	.00135	.00032	.0005	.00325	.1863
%RSD	.96655	.38312	2.0832	70.211	4.2626	.6273	.40134	3.7400
#1	94.895	1.7790	-.03411	-.00097	.00775	.0735	.81264	5.1137
#2	93.606	1.7694	-.03312	-.00288	.00730	.0729	.80804	4.8502

Sample Name: J5789-03 Acquired: 11/6/2018 21:56:44 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1040
Stddev .2211
%RSD 5.3869

#1 3.9476
#2 4.2603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.7	42405.	3571.1	92.943	3346.4
Stddev	18.4	204.	31.5	4.521	20.9
%RSD	.54570	.48113	.88131	4.8642	.62505

#1	3351.7	42549.	3548.9	89.746	3331.6
#2	3377.7	42260.	3593.4	96.140	3361.2

Sample Name: J5789-04 Acquired: 11/6/2018 22:00:52 Type: Unk
Method: P4-ICP2(v2552) 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	.00732	-.00020	.00190	.00018	-.00271	-.00172	.02340	.00003
Stddev	.00065	.00033	.00010	.00206	.00289	.01444	.00000	.00001
%RSD	8.8292	168.67	5.4875	1163.4	106.36	841.61	.01375	58.389

#1	.00778	.00004	.00183	.00163	-.00475	-.01192	.02340	.00004
#2	.00686	-.00043	.00198	-.00128	-.00067	.00849	.02340	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	78.418	-.00049	-.00046	.00117	-.00584	.00576	165.99
Stddev	.00011	.831	.00017	.00000	.00013	.00696	.00001	.91
%RSD	51.470	1.0600	35.074	.31541	10.936	119.21	.23352	.54745

#1	-.00013	77.830	-.00062	-.00046	.00108	-.00092	.00575	165.34
#2	-.00029	79.006	-.00037	-.00046	.00127	-.01077	.00577	166.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00260	-.00019	1213.0	.00091	.00004	56.110	.00158	.59159
Stddev	.00018	.00033	23.3	.00025	.00015	.845	.00002	.01024
%RSD	6.8096	172.85	1.9199	26.879	364.27	1.5058	1.4635	1.7306

#1	-.00248	.00004	1229.5	.00109	-.00006	55.512	.00160	.58435
#2	-.00273	-.00043	1196.6	.00074	.00015	56.707	.00156	.59883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 132.30	1.7002	-.04755	.00072	.01251	.0830	1.0586	5.5462
Stddev	2.00	.0244	.00130	.00189	.00043	.0000	.0083	.0077
%RSD	1.5151	1.4341	2.7243	260.61	3.4053	.0318	.78496	.13842

#1	130.89	1.6829	-.04663	.00206	.01281	.0830	1.0527	5.5407
#2	133.72	1.7174	-.04846	-.00061	.01221	.0829	1.0644	5.5516

Sample Name: J5789-04 Acquired: 11/6/2018 22:00:52 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5800
Stddev .2278
%RSD 4.9731

#1 4.4189
#2 4.7410

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.5	41583.	3514.1	90.007	3192.2
Stddev	60.7	71.	16.2	2.326	40.6
%RSD	1.8731	.17093	.46012	2.5839	1.2731

#1	3284.5	41533.	3525.6	91.652	3221.0
#2	3198.6	41634.	3502.7	88.363	3163.5

Sample Name: J5789-05 Acquired: 11/6/2018 22:05:01 Type: Unk
Method: P4-ICP2(v2552) 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	.00459	-.00008	.00338	-.00295	-.00346	.00312	.02313	.00007
Stddev	.00013	.00063	.00056	.00094	.00100	.00584	.00013	.00009
%RSD	2.9363	815.71	16.696	32.062	29.022	186.98	.57801	118.42

#1	.00468	-.00052	.00298	-.00228	-.00275	.00726	.02304	.00013
#2	.00449	.00037	.00378	-.00362	-.00416	-.00101	.02323	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	69.295	-.00068	-.00021	.00126	-.00681	.00450	136.06
Stddev	.00005	.915	.00040	.00004	.00022	.00935	.00033	.15
%RSD	31.010	1.3203	58.559	19.362	17.641	137.31	7.2386	.11219

#1	-.00013	68.648	-.00040	-.00018	.00141	-.00020	.00473	135.95
#2	-.00020	69.942	-.00096	-.00024	.00110	-.01342	.00427	136.16

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	.00006	999.00	.00120	-.00009	45.806	.00131	.48776
Stddev	.00016	.00064	.26	.00037	.00003	.627	.00033	.00428
%RSD	8.7130	1111.3	.02646	31.005	33.877	1.3698	25.244	.87655

#1	-.00168	.00051	999.18	.00094	-.00012	45.362	.00154	.49079
#2	-.00190	-.00039	998.81	.00147	-.00007	46.250	.00108	.48474

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.83	1.7154	-.03808	-.00086	.00813	.0732	.88611	4.5059
Stddev	.35	.0031	.00035	.00219	.00027	.0002	.00669	.7346
%RSD	.33501	.17856	.91236	253.50	3.3731	.3181	.75514	16.304

#1	106.08	1.7175	-.03832	.00069	.00794	.0730	.88137	5.0254
#2	105.58	1.7132	-.03783	-.00241	.00832	.0734	.89084	3.9865

Sample Name: J5789-05 Acquired: 11/6/2018 22:05:01 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0768
Stddev	.0290
%RSD	.71166

#1	4.0563
#2	4.0973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.4	44016.	3585.8	94.095	3292.7
Stddev	16.0	2662.	53.6	2.656	18.0
%RSD	.47947	6.0477	1.4943	2.8227	.54551

#1	3318.1	42133.	3623.7	95.973	3280.0
#2	3340.6	45898.	3548.0	92.217	3305.4

Sample Name: J5789-06 Acquired: 11/6/2018 22:09:09 Type: Unk
Method: P4-ICP2(v2552) 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	.00450	.00011	.00372	-.00306	-.00137	.02101	.02403	.00010
Stddev	.00181	.00021	.00158	.00003	.00099	.01022	.00068	.00006
%RSD	40.260	185.81	42.337	.91911	72.562	48.663	2.8387	58.746
#1	.00322	.00026	.00483	-.00304	-.00207	.01378	.02354	.00014
#2	.00578	-.00003	.00261	-.00308	-.00066	.02824	.02451	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	65.111	-.00070	-.00018	.00083	-.00652	.00471	124.79
Stddev	.00004	.126	.00068	.00002	.00043	.00494	.00001	.60
%RSD	23.048	.19354	97.234	12.236	52.029	75.793	.25700	.48357
#1	-.00018	65.200	-.00022	-.00020	.00114	-.01001	.00470	124.36
#2	-.00013	65.022	-.00118	-.00016	.00052	-.00303	.00472	125.21
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00001	909.26	.00165	.00056	41.286	.00111	.44620
Stddev	.00004	.00049	.68	.00027	.00021	.123	.00027	.01664
%RSD	2.2323	7786.2	.07479	16.046	37.152	.29694	24.673	3.7288
#1	-.00169	.00034	908.78	.00147	.00070	41.200	.00091	.43444
#2	-.00164	-.00035	909.74	.00184	.00041	41.373	.00130	.45797
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 95.946	1.7621	-.03471	-.00108	.00435	.0756	.81005	5.0264
Stddev	.952	.0192	.00027	.00040	.00085	.0015	.00560	.0868
%RSD	.99181	1.0902	.77427	37.210	19.511	1.936	.69100	1.7263
#1	95.273	1.7757	-.03452	-.00137	.00495	.0766	.80609	4.9650
#2	96.619	1.7485	-.03491	-.00080	.00375	.0745	.81401	5.0878

Sample Name: J5789-06 Acquired: 11/6/2018 22:09:09 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9153
Stddev .0135
%RSD .34468

#1 3.9249
#2 3.9058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.8	42282.	3615.6	94.635	3324.6
Stddev	17.8	81.	.3	1.351	34.7
%RSD	.53409	.19062	.00788	1.4278	1.0427

#1	3344.3	42339.	3615.4	93.679	3349.1
#2	3319.2	42225.	3615.8	95.590	3300.1

Sample Name: J5789-07 Acquired: 11/6/2018 22:13:18 Type: Unk
Method: P4-ICP2(v2552) 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	.00526	.00007	.00311	-.00259	-.00171	.01548	.02382	.00008
Stddev	.00017	.00144	.00019	.00109	.00148	.01176	.00055	.00006
%RSD	3.2137	1941.1	6.2058	42.152	86.239	75.951	2.3029	77.759
#1	.00538	.00109	.00325	-.00181	-.00067	.02380	.02344	.00004
#2	.00514	-.00094	.00298	-.00336	-.00275	.00717	.02421	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	80.813	-.00084	-.00041	.00082	-.00113	.00652	171.13
Stddev	.00004	2.040	.00015	.00023	.00005	.00100	.00004	3.31
%RSD	28.101	2.5244	17.830	56.039	6.6614	88.338	.64625	1.9324
#1	-.00010	79.370	-.00094	-.00057	.00086	-.00183	.00649	168.79
#2	-.00015	82.255	-.00073	-.00025	.00079	-.00042	.00655	173.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	.00043	1215.6	.00126	.00047	58.488	.00157	.60614
Stddev	.00023	.00055	15.2	.00049	.00001	1.472	.00012	.02745
%RSD	9.4741	129.19	1.2500	38.903	2.1539	2.5163	7.8844	4.5283
#1	-.00256	.00082	1204.9	.00160	.00046	57.447	.00149	.58673
#2	-.00224	.00004	1226.4	.00091	.00048	59.528	.00166	.62555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 133.39	1.7226	-.04821	-.00145	.01617	.0876	1.1020	5.3470
Stddev	2.33	.0372	.00109	.00152	.00159	.0002	.0259	.5792
%RSD	1.7461	2.1587	2.2698	105.04	9.8234	.2640	2.3535	10.833
#1	135.04	1.6963	-.04899	-.00252	.01505	.0877	1.0837	5.7566
#2	131.75	1.7489	-.04744	-.00037	.01729	.0874	1.1204	4.9375

Sample Name: J5789-07 Acquired: 11/6/2018 22:13:18 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5467
Stddev .2113
%RSD 4.6481

#1 4.3973
#2 4.6962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3262.3	41102.	3498.2	89.670	3205.3
Stddev	37.0	79.	67.3	.259	43.4
%RSD	1.1337	.19148	1.9237	.28891	1.3526

#1	3236.2	41047.	3545.7	89.487	3174.7
#2	3288.5	41158.	3450.6	89.853	3236.0

Sample Name: J5789-08 Acquired: 11/6/2018 22:17:27 Type: Unk
Method: P4-ICP2(v2552) 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	.00618	-.00133	.00242	-.00156	-.00334	.02473	.02402	.00009
Stddev	.00085	.00002	.00082	.00005	.00001	.00770	.00049	.00001
%RSD	13.778	1.2945	33.837	3.2894	.38418	31.121	2.0431	12.279

#1	.00558	-.00132	.00300	-.00153	-.00333	.01929	.02367	.00008
#2	.00678	-.00134	.00184	-.00160	-.00335	.03017	.02437	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	72.133	-.00098	-.00029	.00107	-.00455	.00485	142.82
Stddev	.00006	.767	.00029	.00005	.00058	.00684	.00002	1.00
%RSD	62.784	1.0633	29.255	16.806	53.938	150.17	.42135	.70022

#1	-.00014	71.591	-.00119	-.00033	.00066	.00028	.00487	142.12
#2	-.00006	72.676	-.00078	-.00026	.00148	-.00939	.00484	143.53

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	-.00007	1034.6	.00105	.00025	48.879	.00129	.50742
Stddev	.00010	.00011	.1	.00066	.00002	.537	.00022	.00313
%RSD	5.3678	160.92	.00787	62.818	9.8825	1.0993	16.919	.61606

#1	-.00198	.00001	1034.5	.00151	.00023	48.499	.00114	.50521
#2	-.00183	-.00015	1034.6	.00058	.00026	49.258	.00144	.50963

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 110.86	1.7410	-.03975	-.00191	.00768	.0772	.93040	5.4044
Stddev	.56	.0301	.00117	.00089	.00034	.0007	.00795	.1346
%RSD	.50254	1.7272	2.9489	46.502	4.4402	.8771	.85458	2.4914

#1	111.25	1.7197	-.04058	-.00254	.00744	.0776	.92478	5.4996
#2	110.47	1.7623	-.03892	-.00128	.00793	.0767	.93602	5.3092

Sample Name: J5789-08 Acquired: 11/6/2018 22:17:27 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0960
Stddev	.3854
%RSD	9.4087

#1	3.8235
#2	4.3686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.1	41620.	3548.1	94.009	3269.3
Stddev	10.2	.	40.3	.720	17.9
%RSD	.30992	.00077	1.1358	.76607	.54637

#1	3292.9	41620.	3576.6	93.500	3256.7
#2	3307.4	41619.	3519.6	94.519	3282.0

Sample Name: J5789-09 Acquired: 11/6/2018 22:21:37 Type: Unk
Method: P4-ICP2(v2552) 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	.00321	-.00071	.00304	-.00260	-.00349	.02019	.02207	.00000
Stddev	.00004	.00118	.00064	.00071	.00188	.01567	.00131	.00012
%RSD	1.1828	165.68	21.039	27.163	53.740	77.621	5.9477	7374.3
#1	.00323	.00012	.00258	-.00210	-.00482	.00911	.02114	-.00008
#2	.00318	-.00155	.00349	-.00310	-.00216	.03128	.02299	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	57.688	-.00045	-.00035	.00097	.00030	.00409	99.431
Stddev	.00002	2.167	.00013	.00007	.00042	.00360	.00004	4.043
%RSD	32.379	3.7569	27.953	19.691	43.043	1182.3	.86290	4.0661
#1	-.00008	56.156	-.00036	-.00039	.00126	-.00224	.00411	96.572
#2	-.00005	59.221	-.00054	-.00030	.00067	.00285	.00406	102.29
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	-.00038	751.61	.00096	.00009	33.872	.00098	.35559
Stddev	.00019	.00010	22.71	.00004	.00000	1.276	.00011	.00537
%RSD	14.180	25.622	3.0219	4.4587	5.3087	3.7667	11.595	1.5095
#1	-.00151	-.00031	735.55	.00093	.00010	32.970	.00090	.35180
#2	-.00124	-.00045	767.67	.00099	.00009	34.774	.00106	.35939
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.310	1.7634	-.02717	-.00062	.00126	.0675	.67950	4.4691
Stddev	.421	.0606	.00079	.00138	.00128	.0015	.02649	.1949
%RSD	.53145	3.4375	2.9219	220.76	101.76	2.189	3.8983	4.3613
#1	79.608	1.7205	-.02661	.00035	.00035	.0665	.66077	4.3313
#2	79.012	1.8062	-.02773	-.00160	.00217	.0686	.69824	4.6069

Sample Name: J5789-09 Acquired: 11/6/2018 22:21:37 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6737
Stddev .0484
%RSD 1.3163

#1 3.6395
#2 3.7079

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.2	43186.	3688.5	96.696	3360.3
Stddev	22.3	183.	126.2	1.372	14.9
%RSD	.66425	.42487	3.4200	1.4189	.44386

#1	3344.4	43315.	3777.7	97.666	3349.8
#2	3376.0	43056.	3599.3	95.726	3370.8

Sample Name: J5789-10 Acquired: 11/6/2018 22:25:46 Type: Unk
Method: P4-ICP2(v2552) 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	.00396	-.00023	.00239	-.00068	-.00288	.02683	.02417	.00004
Stddev	.00335	.00023	.00070	.00013	.00126	.00504	.00088	.00005
%RSD	84.414	98.186	29.127	18.524	43.596	18.798	3.6546	115.14

#1	.00160	-.00039	.00288	-.00077	-.00377	.02326	.02355	.00007
#2	.00633	-.00007	.00190	-.00059	-.00199	.03039	.02480	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	64.321	-.00065	-.00033	.00145	-.00218	.01111	120.55
Stddev	.00006	.499	.00019	.00017	.00030	.00679	.00008	.42
%RSD	36.688	.77609	28.904	50.552	20.724	311.32	.73284	.35052

#1	-.00012	64.674	-.00052	-.00021	.00124	.00262	.01117	120.85
#2	-.00020	63.968	-.00078	-.00045	.00167	-.00699	.01106	120.26

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.00017	899.09	.00155	.00005	40.665	.00123	.43134
Stddev	.00030	.00020	27.58	.00001	.00002	.322	.00026	.00611
%RSD	13.944	116.30	3.0679	.75650	31.977	.79177	21.555	1.4159

#1	-.00233	-.00003	918.60	.00154	.00006	40.892	.00141	.42702
#2	-.00191	-.00031	879.59	.00156	.00004	40.437	.00104	.43566

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.280	1.7390	-.03385	-.00111	.00632	.0733	.79952	5.1071
Stddev	.328	.0458	.00037	.00395	.00122	.0010	.01098	.1157
%RSD	.34804	2.6322	1.0978	355.67	19.293	1.368	1.3738	2.2652

#1	94.512	1.7713	-.03411	.00168	.00719	.0726	.80729	5.1889
#2	94.048	1.7066	-.03359	-.00390	.00546	.0740	.79176	5.0253

Sample Name: J5789-10 Acquired: 11/6/2018 22:25:46 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0885
Stddev	.1490
%RSD	3.6456

#1	3.9831
#2	4.1939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.1	42101.	3564.8	93.979	3339.3
Stddev	9.8	46.	48.3	.159	2.4
%RSD	.29224	.10932	1.3553	.16916	.07084

#1	3376.1	42134.	3530.7	93.867	3341.0
#2	3362.1	42069.	3599.0	94.091	3337.6

Sample Name: J5789-11 Acquired: 11/6/2018 22:29:55 Type: Unk
Method: P4-ICP2(v2552) 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	.00507	-.00175	.00282	-.00107	-.00280	-.00009	.02450	.00008
Stddev	.00186	.00029	.00096	.00143	.00083	.00006	.00023	.00003
%RSD	36.692	16.279	34.167	133.36	29.627	61.205	.92638	38.083

#1	.00375	-.00155	.00350	-.00209	-.00339	-.00005	.02434	.00006
#2	.00638	-.00195	.00214	-.00006	-.00221	-.00013	.02466	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	62.789	-.00115	-.00047	.00083	.00442	.00874	116.57
Stddev	.00001	.107	.00004	.00005	.00020	.00399	.00017	.12
%RSD	9.0139	.17057	3.1980	11.055	23.922	90.279	1.9100	.10306

#1	-.00010	62.864	-.00113	-.00044	.00069	.00725	.00862	116.49
#2	-.00011	62.713	-.00118	-.00051	.00097	.00160	.00885	116.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	.00015	859.09	.00144	-.00009	39.365	.00117	.40803
Stddev	.00000	.00042	5.11	.00038	.00001	.184	.00016	.00568
%RSD	.15619	285.71	.59441	26.274	13.025	.46756	13.614	1.3917

#1	-.00193	.00044	862.70	.00117	-.00010	39.495	.00128	.40401
#2	-.00193	-.00015	855.48	.00171	-.00008	39.235	.00106	.41204

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.200	1.7203	-.03186	.00032	.00310	.0704	.77491	4.7066
Stddev	.122	.0091	.00064	.00123	.00014	.0027	.00518	.2062
%RSD	.13357	.52907	2.0002	381.33	4.5733	3.795	.66786	4.3814

#1	91.114	1.7138	-.03231	.00119	.00300	.0723	.77857	4.8524
#2	91.286	1.7267	-.03141	-.00055	.00320	.0685	.77125	4.5608

Sample Name: J5789-11 Acquired: 11/6/2018 22:29:55 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2530
Stddev .2256
%RSD 5.3033

#1 4.0936
#2 4.4125

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.9	42640.	3599.5	93.854	3316.7
Stddev	2.2	12.	19.4	1.798	10.5
%RSD	.06494	.02811	.53853	1.9158	.31770

#1	3326.4	42648.	3585.8	92.582	3324.1
#2	3329.5	42631.	3613.3	95.125	3309.2

Sample Name: CCV14 Acquired: 11/6/2018 22:34:04 Type: Unk
Method: P4-ICP2(v2552) 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	4.9846	4.8188	4.9219	4.9622	5.1106	10.172	10.178	.24973
Stddev	.0311	.0127	.0152	.0049	.0087	.042	.047	.00019
%RSD	.62453	.26338	.30956	.09894	.16943	.41392	.46462	.07430

#1	4.9626	4.8098	4.9112	4.9587	5.1045	10.142	10.144	.24960
#2	5.0066	4.8277	4.9327	4.9657	5.1167	10.201	10.211	.24987

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4023	26.247	.94643	2.4231	1.2500	4.7074	2.5295	23.896
Stddev	.0073	.441	.00199	.0070	.0025	.1182	.0021	.101
%RSD	.30598	1.6818	.21044	.29002	.19896	2.5115	.08130	.42347

#1	2.3971	25.934	.94784	2.4181	1.2517	4.6238	2.5281	23.824
#2	2.4075	26.559	.94503	2.4280	1.2482	4.7910	2.5310	23.967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3743	1.1928	F 21.819	2.3860	2.5419	25.085	4.8998	4.8852
Stddev	.0006	.0014	.057	.0001	.0702	.087	.0005	.0423
%RSD	.02590	.11551	.25975	.00197	2.7607	.34692	.01025	.86491

#1	2.3738	1.1919	21.779	2.3859	2.4922	25.023	4.8994	4.8553
#2	2.3747	1.1938	21.859	2.3860	2.5915	25.147	4.9001	4.9150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0253	4.9245	4.6164	4.8916	5.0340	4.805	4.8625	F 3.6929
Stddev	.0465	.0251	.0147	.0252	.0464	.010	.0167	.0075
%RSD	.92531	.51050	.31732	.51495	.92212	.1998	.34437	.20251

#1	5.0582	4.9068	4.6060	4.8738	5.0012	4.798	4.8506	3.6876
#2	4.9925	4.9423	4.6267	4.9094	5.0668	4.811	4.8743	3.6982

Sample Name: CCV14 Acquired: 11/6/2018 22:34:04 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5431
Stddev .0948
%RSD 3.7262

#1 2.6101
#2 2.4761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.2	45454.	3547.8	91.629	3668.9
Stddev	5.5	159.	10.8	2.234	3.5
%RSD	.15765	.34893	.30352	2.4376	.09631

#1	3502.2	45342.	3555.4	93.209	3666.4
#2	3510.1	45567.	3540.2	90.050	3671.4

Sample Name: CCB14 Acquired: 11/6/2018 22:37:52 Type: Unk
Method: P4-ICP2(v2552) 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	.00066	.00132	-.00051	-.00246	.00030	-.00278	.00115	-.00001
Stddev	.00308	.00061	.00039	.00149	.00089	.00281	.00117	.00004
%RSD	466.63	45.786	77.537	60.697	294.03	101.18	101.45	423.55
#1	.00283	.00175	-.00023	-.00140	-.00033	-.00079	.00033	-.00004
#2	-.00152	.00089	-.00079	-.00352	.00093	-.00477	.00198	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01915	.00001	-.00006	-.00024	.00877	-.00005	-.07594
Stddev	.00001	.00242	.00061	.00012	.00047	.00762	.00002	.04867
%RSD	296.24	12.657	4716.3	208.18	192.98	86.901	38.968	64.082
#1	.00001	-.02087	-.00042	-.00014	-.00058	.01416	-.00006	-.04153
#2	-.00000	-.01744	.00045	.00003	.00009	.00338	-.00004	-.11036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00003	.27594	-.00017	-.00071	.16659	.00030	-.00277
Stddev	.00003	.00019	.00231	.00021	.00006	.01308	.00004	.00555
%RSD	4.5262	626.86	.83779	128.87	8.6727	7.8530	14.366	200.45
#1	.00056	-.00011	.27431	-.00032	-.00066	.17584	.00033	.00116
#2	.00060	.00017	.27758	-.00001	-.00075	.15734	.00027	-.00669
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05289	.00144	.00017	.00100	-.00301	-.0004	.00000	F 2.0547
Stddev	.00895	.00139	.00006	.00068	.00247	.0009	.00001	.4815
%RSD	16.924	96.556	35.765	68.075	81.999	214.2	433.06	23.434
#1	.05922	.00046	.00013	.00052	-.00476	.0002	.00001	2.3952
#2	.04656	.00242	.00022	.00148	-.00126	-.0011	-.00001	1.7143

Sample Name: CCB14 Acquired: 11/6/2018 22:37:52 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0080
Stddev .0949
%RSD 9.4110

#1 .94091
#2 1.0751

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.4	47488.	3573.9	94.792	4110.7
Stddev	7.7	233.	24.9	.577	7.5
%RSD	.21201	.49166	.69807	.60920	.18191

#1	3626.9	47323.	3556.2	95.200	4105.4
#2	3637.8	47653.	3591.5	94.383	4116.0

Sample Name: J5808-02 Acquired: 11/6/2018 22:41:58 Type: Unk
Method: P4-ICP2(v2552) 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	.00409	-.00054	.00285	-.00250	-.00279	.00932	.02307	.00004
Stddev	.00089	.00115	.00038	.00025	.00136	.00833	.00116	.00006
%RSD	21.693	211.39	13.252	10.018	48.616	89.334	5.0313	141.65

#1	.00472	-.00136	.00312	-.00232	-.00183	.00343	.02225	-.00000
#2	.00346	.00027	.00259	-.00267	-.00375	.01521	.02389	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	64.040	-.00089	-.00019	.00100	-.00603	.00394	119.64
Stddev	.00006	1.478	.00008	.00019	.00030	.00454	.00007	2.16
%RSD	65.194	2.3079	8.9418	96.823	30.489	75.273	1.8518	1.8086

#1	-.00013	62.994	-.00083	-.00006	.00121	-.00924	.00399	118.11
#2	-.00005	65.085	-.00095	-.00032	.00078	-.00282	.00389	121.17

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00069	930.90	.00103	.00100	40.178	.00106	.41715
Stddev	.00014	.00014	22.72	.00027	.00007	.864	.00040	.01735
%RSD	8.0970	20.405	2.4405	25.912	7.2654	2.1510	37.980	4.1602

#1	-.00159	-.00059	914.83	.00121	.00095	39.567	.00134	.40487
#2	-.00178	-.00079	946.96	.00084	.00105	40.789	.00077	.42942

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 95.033	1.7686	-.03424	-.00064	.00657	.0714	.79496	4.8830
Stddev	.307	.0245	.00056	.00088	.00131	.0006	.01280	.4334
%RSD	.32347	1.3867	1.6325	136.33	19.907	.9068	1.6096	8.8746

#1	94.815	1.7513	-.03463	-.00126	.00749	.0718	.78591	4.5766
#2	95.250	1.7859	-.03384	-.00002	.00564	.0709	.80401	5.1894

Sample Name: J5808-02 Acquired: 11/6/2018 22:41:58 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4548
Stddev	.1782
%RSD	4.0003

#1	4.3288
#2	4.5808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3304.9	42087.	3571.0	91.301	3281.2
Stddev	9.8	121.	68.2	2.825	14.0
%RSD	.29518	.28813	1.9099	3.0944	.42599

#1	3311.8	42173.	3619.2	93.299	3291.0
#2	3298.0	42001.	3522.8	89.304	3271.3

Sample Name: J5808-03 Acquired: 11/6/2018 22:46:08 Type: Unk
Method: P4-ICP2(v2552) 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	.00362	.00005	.00475	.00200	-.00423	.01422	.02393	-.00001
Stddev	.00019	.00020	.00075	.00228	.00088	.01711	.00107	.00001
%RSD	5.1627	402.86	15.878	114.04	20.928	120.34	4.4697	104.50

#1	.00349	.00019	.00421	.00039	-.00485	.00212	.02318	-.00002
#2	.00375	-.00009	.00528	.00362	-.00360	.02632	.02469	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	64.272	-.00044	-.00034	.00132	.00434	.00485	120.46
Stddev	.00005	.541	.00063	.00009	.00045	.01183	.00007	1.12
%RSD	71.465	.84178	142.50	27.942	34.362	272.77	1.4036	.93191

#1	-.00011	64.655	.00000	-.00041	.00100	-.00403	.00490	119.67
#2	-.00003	63.890	-.00089	-.00027	.00164	.01270	.00480	121.25

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	.00038	911.64	.00091	.00393	40.019	.00118	.42680
Stddev	.00001	.00023	6.03	.00004	.00001	.133	.00025	.00262
%RSD	.56189	59.171	.66121	4.2482	.16898	.33162	21.469	.61386

#1	-.00122	.00054	915.90	.00089	.00394	39.925	.00136	.42865
#2	-.00121	.00022	907.38	.00094	.00393	40.112	.00100	.42494

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.544	1.7640	-.03405	.00086	.00543	.0719	.78903	4.8062
Stddev	.145	.0021	.00138	.00165	.00039	.0009	.00710	.2738
%RSD	.15510	.11910	4.0545	192.32	7.1111	1.253	.90041	5.6977

#1	93.441	1.7625	-.03308	-.00031	.00570	.0726	.78401	4.9999
#2	93.646	1.7655	-.03503	.00203	.00515	.0713	.79405	4.6126

Sample Name: J5808-03 Acquired: 11/6/2018 22:46:08 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3006
Stddev .1868
%RSD 4.3426

#1 4.1686
#2 4.4327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.6	42436.	3578.6	91.993	3345.7
Stddev	5.9	31.	.6	.436	5.0
%RSD	.17388	.07327	.01553	.47362	.14886

#1	3369.5	42458.	3579.0	91.685	3342.1
#2	3377.7	42414.	3578.2	92.301	3349.2

Sample Name: J5808-04 Acquired: 11/6/2018 22:50:17 Type: Unk
Method: P4-ICP2(v2552) 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	.00562	.00136	.00187	-.00137	-.00304	.02924	.02388	.00006
Stddev	.00054	.00033	.00027	.00220	.00057	.00019	.00078	.00002
%RSD	9.6472	24.479	14.229	160.69	18.601	.64486	3.2855	31.739

#1	.00524	.00159	.00168	-.00292	-.00264	.02937	.02332	.00004
#2	.00601	.00112	.00206	.00019	-.00344	.02911	.02443	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	75.392	-.00081	-.00022	.00117	-.00417	.00456	157.02
Stddev	.00004	.473	.00019	.00011	.00020	.00338	.00013	.22
%RSD	30.750	.62735	23.797	50.849	17.275	80.868	2.8101	.14013

#1	-.00010	75.058	-.00094	-.00030	.00102	-.00179	.00446	156.86
#2	-.00016	75.726	-.00067	-.00014	.00131	-.00656	.00465	157.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	.00048	1138.5	.00103	.00017	53.127	.00146	.53945
Stddev	.00043	.00020	7.7	.00025	.00001	.295	.00024	.00319
%RSD	24.430	42.827	.67249	24.106	7.3734	.55585	16.216	.59208

#1	-.00207	.00062	1143.9	.00086	.00017	52.918	.00129	.53719
#2	-.00146	.00033	1133.1	.00121	.00018	53.335	.00162	.54171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.34	1.7014	-.04460	-.00178	.01311	.0780	1.0012	5.3819
Stddev	.30	.0143	.00055	.00186	.00020	.0027	.0045	.1325
%RSD	.24306	.83785	1.2343	104.37	1.5278	3.422	.45115	2.4621

#1	124.13	1.6913	-.04499	-.00047	.01297	.0761	.99798	5.2882
#2	124.56	1.7114	-.04421	-.00310	.01325	.0799	1.0044	5.4756

Sample Name: J5808-04 Acquired: 11/6/2018 22:50:17 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6794
Stddev	.2437
%RSD	5.2079

#1	4.8517
#2	4.5071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.9	41614.	3530.9	91.096	3210.1
Stddev	45.2	144.	32.9	2.117	35.2
%RSD	1.3821	.34651	.93169	2.3236	1.0969

#1	3305.9	41716.	3554.2	92.593	3235.0
#2	3241.9	41512.	3507.6	89.599	3185.2

Sample Name: J5808-05 Acquired: 11/6/2018 22:54:26 Type: Unk
Method: P4-ICP2(v2552) 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	.00493	-.00145	.00348	.00114	-.00216	.02340	.02251	.00000
Stddev	.00079	.00032	.00121	.00116	.00234	.01392	.00003	.00003
%RSD	16.051	22.360	34.858	101.06	108.03	59.506	.14355	821.95

#1	.00437	-.00168	.00433	.00033	-.00051	.01355	.02253	-.00002
#2	.00548	-.00122	.00262	.00196	-.00382	.03325	.02248	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	73.206	-.00079	-.00025	.00127	-.00410	.00442	149.34
Stddev	.00004	.438	.00049	.00011	.00023	.00776	.00007	.22
%RSD	28.066	.59875	62.348	41.871	18.438	189.39	1.6337	.15032

#1	-.00010	72.896	-.00044	-.00018	.00111	-.00959	.00437	149.50
#2	-.00015	73.516	-.00114	-.00033	.00144	.00139	.00447	149.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	.00057	1072.6	.00138	-.00007	50.863	.00120	.53365
Stddev	.00048	.00008	25.5	.00023	.00005	.379	.00009	.00202
%RSD	22.600	14.039	2.3778	16.706	67.847	.74608	7.8274	.37802

#1	-.00178	.00052	1090.7	.00154	-.00004	50.595	.00113	.53508
#2	-.00246	.00063	1054.6	.00121	-.00010	51.131	.00126	.53222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 117.97	1.7019	-.04200	-.00056	.01037	.0761	.96230	5.5068
Stddev	.94	.0053	.00010	.00272	.00090	.0008	.00845	.2679
%RSD	.79320	.31047	.23170	485.22	8.6541	1.060	.87855	4.8656

#1	117.31	1.6981	-.04207	-.00248	.01101	.0767	.95632	5.3173
#2	118.63	1.7056	-.04194	.00136	.00974	.0756	.96828	5.6962

Sample Name: J5808-05 Acquired: 11/6/2018 22:54:26 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2800
Stddev .0354
%RSD .82751

#1 4.3051
#2 4.2550

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.8	41185.	3538.2	90.003	3210.4
Stddev	25.5	247.	5.2	1.154	25.5
%RSD	.78199	.59863	.14750	1.2822	.79550

#1	3273.8	41011.	3541.9	90.819	3228.4
#2	3237.8	41360.	3534.5	89.187	3192.3

Sample Name: J5808-06 Acquired: 11/6/2018 22:58:36 Type: Unk
Method: P4-ICP2(v2552) 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	.00417	.00039	.00299	-.00183	-.00296	.02204	.02399	.00008
Stddev	.00017	.00065	.00018	.00304	.00075	.01259	.00030	.00004
%RSD	4.1875	164.56	5.8725	166.72	25.397	57.126	1.2584	54.393
#1	.00429	-.00006	.00287	-.00398	-.00349	.01313	.02421	.00011
#2	.00405	.00085	.00312	.00033	-.00243	.03094	.02378	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	60.640	-.00069	-.00004	.00129	.00031	.00329	105.44
Stddev	.00010	.336	.00020	.00003	.00021	.00440	.00004	.14
%RSD	68.777	.55379	29.061	79.572	16.474	1440.4	1.2079	.13079
#1	-.00008	60.878	-.00084	-.00006	.00114	-.00280	.00326	105.34
#2	-.00022	60.403	-.00055	-.00002	.00144	.00341	.00332	105.53
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	.00007	799.59	.00115	-.00014	35.984	.00097	.36876
Stddev	.00051	.00045	9.34	.00040	.00006	.296	.00018	.01629
%RSD	26.752	620.74	1.1681	34.283	41.336	.82331	18.637	4.4177
#1	-.00227	.00039	806.20	.00087	-.00010	36.193	.00110	.35724
#2	-.00155	-.00025	792.99	.00143	-.00018	35.774	.00084	.38028
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 81.379	1.8433	-.02853	.00047	.00220	.0702	.71830	4.5554
Stddev	.139	.0079	.00016	.00200	.00045	.0006	.00321	.2770
%RSD	.17073	.42886	.57567	427.05	20.526	.8293	.44658	6.0805
#1	81.281	1.8377	-.02842	.00188	.00252	.0698	.72057	4.3595
#2	81.477	1.8489	-.02865	-.00095	.00188	.0706	.71603	4.7513

Sample Name: J5808-06 Acquired: 11/6/2018 22:58:36 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4215
Stddev	.2527
%RSD	5.7152

#1	4.2428
#2	4.6002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.2	42365.	3525.9	89.894	3332.9
Stddev	.4	139.	15.0	.180	4.8
%RSD	.01170	.32875	.42552	.20010	.14471

#1	3334.9	42464.	3515.3	89.767	3336.3
#2	3335.4	42267.	3536.5	90.021	3329.5

Sample Name: J5808-07 Acquired: 11/6/2018 23:02:45 Type: Unk
Method: P4-ICP2(v2552) 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	.00367	-.00066	.00175	-.00157	-.00311	.02695	.02411	.00002
Stddev	.00143	.00135	.00053	.00325	.00152	.00650	.00090	.00005
%RSD	38.897	206.30	30.455	207.12	48.815	24.119	3.7367	231.40

#1	.00266	.00030	.00212	.00073	-.00204	.03154	.02475	-.00001
#2	.00468	-.00161	.00137	-.00387	-.00419	.02235	.02348	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	69.774	-.00074	-.00043	.00109	-.01332	.00430	137.48
Stddev	.00004	.082	.00006	.00007	.00022	.01142	.00003	.26
%RSD	19.543	.11769	8.0420	16.986	20.298	85.727	.59338	.19174

#1	-.00019	69.716	-.00070	-.00038	.00125	-.00524	.00432	137.67
#2	-.00025	69.832	-.00078	-.00049	.00094	-.02139	.00429	137.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	.00031	1012.6	.00154	.00016	46.936	.00116	.48682
Stddev	.00018	.00016	12.8	.00000	.00001	.125	.00033	.00130
%RSD	10.992	50.740	1.2592	.10255	7.9610	.26723	28.834	.26762

#1	-.00180	.00020	1003.6	.00154	.00017	46.847	.00140	.48590
#2	-.00154	.00042	1021.7	.00154	.00015	47.025	.00092	.48775

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 107.61	1.7640	-.03849	-.00060	.00848	.0742	.90161	5.0859
Stddev	.31	.0200	.00002	.00107	.00314	.0004	.00262	.2658
%RSD	.28669	1.1350	.05713	177.77	37.093	.5521	.29077	5.2260

#1	107.39	1.7498	-.03850	.00015	.01070	.0739	.89976	5.2738
#2	107.82	1.7782	-.03847	-.00136	.00625	.0745	.90346	4.8979

Sample Name: J5808-07 Acquired: 11/6/2018 23:02:45 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.4096
Stddev .5183
%RSD 11.754

#1 4.0431
#2 4.7761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.0	41579.	3489.8	88.134	3240.3
Stddev	5.9	146.	19.6	3.550	2.9
%RSD	.17939	.35066	.56256	4.0284	.08838

#1	3282.2	41476.	3503.7	90.644	3242.3
#2	3273.8	41682.	3475.9	85.623	3238.3

Sample Name: J5808-08 Acquired: 11/6/2018 23:06:55 Type: Unk
Method: P4-ICP2(v2552) 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	.00445	-.00024	.00350	-.00125	-.00375	.00891	.02375	.00006
Stddev	.00226	.00166	.00088	.00034	.00145	.01157	.00042	.00004
%RSD	50.783	688.21	24.994	27.387	38.604	129.82	1.7479	65.417
#1	.00604	.00093	.00288	-.00101	-.00477	.01709	.02404	.00009
#2	.00285	-.00142	.00412	-.00150	-.00273	.00073	.02345	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	68.674	-.00067	-.00033	.00120	-.00048	.00408	132.72
Stddev	.00003	.553	.00028	.00028	.00001	.01911	.00006	.01
%RSD	20.335	.80591	42.119	84.552	.79443	3994.7	1.3831	.00833
#1	-.00014	68.282	-.00086	-.00013	.00120	.01303	.00412	132.73
#2	-.00019	69.065	-.00047	-.00053	.00121	-.01399	.00404	132.72
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00020	979.98	.00124	.00107	45.606	.00128	.46767
Stddev	.00039	.00025	5.04	.00046	.00011	.260	.00039	.00342
%RSD	20.181	121.70	.51445	37.503	10.050	.57019	30.684	.73165
#1	-.00219	-.00038	976.41	.00156	.00099	45.422	.00156	.47009
#2	-.00165	-.00003	983.54	.00091	.00115	45.790	.00100	.46525
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 104.22	1.7584	-.03823	-.00164	.00843	.0746	.87743	5.4484
Stddev	.07	.0008	.00003	.00110	.00202	.0001	.00318	.0779
%RSD	.06709	.04312	.08710	66.979	23.906	.0743	.36241	1.4294
#1	104.17	1.7590	-.03825	-.00086	.00986	.0746	.87518	5.3933
#2	104.27	1.7579	-.03821	-.00241	.00701	.0745	.87968	5.5035

Sample Name: J5808-08 Acquired: 11/6/2018 23:06:55 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1771
Stddev	.1547
%RSD	3.7043

#1	4.0677
#2	4.2865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.1	41606.	3490.9	88.619	3291.6
Stddev	7.1	87.	25.8	.787	2.8
%RSD	.21309	.20965	.74011	.88762	.08383

#1	3337.1	41668.	3509.2	89.175	3289.6
#2	3327.1	41545.	3472.7	88.063	3293.5

Sample Name: J5808-09 Acquired: 11/6/2018 23:11:05 Type: Unk
Method: P4-ICP2(v2552) 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	.00677	.00048	.00104	-.00153	-.00308	.02522	.02309	.00006
Stddev	.00054	.00022	.00066	.00034	.00034	.00514	.00058	.00002
%RSD	7.9183	45.362	63.042	22.026	11.043	20.362	2.5269	28.494

#1	.00715	.00064	.00058	-.00129	-.00284	.02886	.02350	.00005
#2	.00639	.00033	.00151	-.00177	-.00332	.02159	.02268	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	60.365	-.00095	-.00017	.00142	-.00889	.00354	104.51
Stddev	.00010	.540	.00014	.00015	.00051	.00815	.00004	.17
%RSD	87.081	.89391	14.873	90.408	36.124	91.668	1.2225	.16059

#1	-.00019	59.984	-.00085	-.00006	.00106	-.00313	.00351	104.63
#2	-.00005	60.747	-.00105	-.00028	.00179	-.01465	.00357	104.40

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	-.00064	785.95	.00088	-.00014	35.566	.00096	.36736
Stddev	.00068	.00029	13.94	.00005	.00004	.352	.00023	.00069
%RSD	42.166	44.591	1.7739	5.9355	29.898	.99025	23.534	.18753

#1	-.00208	-.00084	795.81	.00084	-.00011	35.317	.00080	.36687
#2	-.00112	-.00044	776.09	.00091	-.00017	35.815	.00112	.36785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 80.936	1.8343	-.02823	-.00037	.00330	.0668	.71098	4.8628
Stddev	.059	.0043	.00103	.00230	.00116	.0001	.00352	.1465
%RSD	.07257	.23342	3.6401	629.60	35.159	.1049	.49478	3.0125

#1	80.894	1.8313	-.02750	-.00199	.00248	.0668	.70850	4.9664
#2	80.977	1.8374	-.02895	.00126	.00412	.0669	.71347	4.7593

Sample Name: J5808-09 Acquired: 11/6/2018 23:11:05 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1611
Stddev	.1293
%RSD	3.1074

#1	4.2525
#2	4.0696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.7	42462.	3542.7	90.383	3329.9
Stddev	.8	33.	5.9	2.208	1.7
%RSD	.02304	.07664	.16756	2.4434	.05151

#1	3327.1	42485.	3538.5	88.822	3328.7
#2	3328.2	42439.	3546.9	91.945	3331.1

Sample Name: J5808-10 Acquired: 11/6/2018 23:15:14 Type: Unk
Method: P4-ICP2(v2552) 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	.00513	-.00074	.00242	-.00180	-.00350	-.00431	.02464	.00004
Stddev	.00082	.00114	.00067	.00035	.00253	.00639	.00179	.00008
%RSD	16.048	154.78	27.659	19.499	72.403	148.13	7.2544	196.87
#1	.00455	.00007	.00194	-.00205	-.00529	-.00883	.02590	-.00002
#2	.00572	-.00155	.00289	-.00156	-.00171	.00020	.02337	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	63.128	-.00025	-.00026	.00136	-.00402	.00530	116.22
Stddev	.00005	.474	.00029	.00018	.00024	.00402	.00008	.12
%RSD	48.853	.75081	116.54	69.852	17.892	99.933	1.5677	.10476
#1	-.00014	63.463	-.00045	-.00013	.00154	-.00687	.00524	116.30
#2	-.00007	62.793	-.00004	-.00039	.00119	-.00118	.00536	116.13
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	.00025	853.01	.00098	.00012	39.448	.00083	.40638
Stddev	.00002	.00029	12.31	.00018	.00020	.071	.00038	.00335
%RSD	1.3479	118.27	1.4436	17.955	160.54	.17996	45.867	.82399
#1	-.00153	.00004	861.72	.00110	-.00002	39.498	.00109	.40875
#2	-.00156	.00045	844.30	.00085	.00026	39.398	.00056	.40402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 89.552	1.7945	-.03152	-.00063	.00450	.0689	.77691	4.7532
Stddev	.718	.0075	.00047	.00246	.00220	.0027	.00311	.1350
%RSD	.80147	.41581	1.4758	389.37	48.849	3.940	.39996	2.8394
#1	89.045	1.7998	-.03119	.00111	.00294	.0670	.77911	4.6577
#2	90.060	1.7893	-.03185	-.00237	.00605	.0709	.77472	4.8486

Sample Name: J5808-10 Acquired: 11/6/2018 23:15:14 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3702
 Stddev .1525
 %RSD 3.4897

#1 4.4780
 #2 4.2624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.6	42520.	3517.8	88.719	3328.3
Stddev	32.5	110.	38.3	1.116	46.4
%RSD	.97172	.25768	1.0880	1.2577	1.3951

#1	3365.6	42443.	3490.7	89.508	3361.1
#2	3319.6	42598.	3544.8	87.930	3295.5

Sample Name: J5808-11 Acquired: 11/6/2018 23:19:23 Type: Unk
Method: P4-ICP2(v2552) 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	.00569	-.00115	.00268	-.00173	-.00272	.01050	.02384	.00004
Stddev	.00017	.00041	.00081	.00312	.00123	.01803	.00012	.00009
%RSD	3.0224	35.695	30.341	179.89	45.193	171.78	.49965	206.17
#1	.00556	-.00144	.00325	.00047	-.00185	-.00225	.02393	.00010
#2	.00581	-.00086	.00210	-.00393	-.00359	.02325	.02376	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	62.767	-.00061	-.00023	.00126	-.00227	.00541	114.57
Stddev	.00003	.356	.00031	.00032	.00017	.00500	.00006	.23
%RSD	25.660	.56747	51.791	140.25	13.155	220.11	1.0540	.19864
#1	-.00012	62.515	-.00038	-.00045	.00138	.00126	.00537	114.41
#2	-.00008	63.019	-.00083	-.00000	.00114	-.00581	.00545	114.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	.00025	865.06	.00132	.00003	39.221	.00117	.40154
Stddev	.00007	.00017	4.00	.00024	.00009	.232	.00017	.00041
%RSD	4.3264	66.411	.46222	17.951	274.33	.59257	14.800	.10305
#1	-.00160	.00013	867.88	.00115	-.00003	39.057	.00129	.40125
#2	-.00150	.00037	862.23	.00148	.00010	39.386	.00104	.40184
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 89.868	1.7724	-.03189	-.00179	.00539	.0723	.77075	5.2504
Stddev	.517	.0003	.00007	.00118	.00079	.0010	.00752	.2989
%RSD	.57514	.01714	.21956	65.566	14.684	1.440	.97607	5.6932
#1	89.502	1.7727	-.03194	-.00262	.00483	.0731	.76543	5.4618
#2	90.233	1.7722	-.03184	-.00096	.00595	.0716	.77607	5.0390

Sample Name: J5808-11 Acquired: 11/6/2018 23:19:23 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3267
Stddev	.4887
%RSD	11.294

#1	3.9812
#2	4.6723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.5	41968.	3530.3	89.201	3298.7
Stddev	5.7	164.	20.6	1.198	6.8
%RSD	.17092	.39172	.58379	1.3425	.20531

#1	3322.5	41851.	3544.8	90.048	3303.5
#2	3314.5	42084.	3515.7	88.354	3294.0

Sample Name: CCV15 Acquired: 11/6/2018 23:23:32 Type: Unk
Method: P4-ICP2(v2552) 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	4.9795	4.8289	4.9361	4.9402	5.1017	10.139	10.108	.24994
Stddev	.0011	.0025	.0024	.0091	.0045	.007	.032	.00026
%RSD	.02255	.05255	.04806	.18440	.08871	.07055	.31772	.10566
#1	4.9803	4.8271	4.9344	4.9466	5.1049	10.134	10.086	.25012
#2	4.9787	4.8307	4.9378	4.9337	5.0985	10.144	10.131	.24975
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4117	26.001	.94459	2.4317	1.2485	4.7233	2.5297	23.581
Stddev	.0002	.160	.00064	.0017	.0002	.0471	.0035	.156
%RSD	.00751	.61683	.06745	.06840	.01478	.99661	.13671	.66203
#1	2.4115	25.888	.94504	2.4329	1.2483	4.7566	2.5322	23.471
#2	2.4118	26.114	.94414	2.4306	1.2486	4.6900	2.5273	23.692
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3821	1.1871	F 21.302	2.3872	2.5958	24.885	4.8974	4.8237
Stddev	.0001	.0001	.001	.0049	.0387	.173	.0030	.0015
%RSD	.00274	.01024	.00254	.20682	1.4910	.69621	.06107	.03191
#1	2.3821	1.1870	21.302	2.3907	2.6232	24.763	4.8953	4.8248
#2	2.3822	1.1872	21.303	2.3838	2.5684	25.008	4.8995	4.8226
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0318	4.9150	4.6344	4.8750	5.0047	4.808	4.8393	F 3.6084
Stddev	.0602	.0156	.0035	.0119	.0312	.018	.0207	.1230
%RSD	1.1968	.31814	.07645	.24371	.62348	.3652	.42753	3.4081
#1	5.0743	4.9039	4.6319	4.8666	4.9827	4.820	4.8246	3.6954
#2	4.9892	4.9260	4.6369	4.8834	5.0268	4.795	4.8539	3.5215

Sample Name: CCV15 Acquired: 11/6/2018 23:23:32 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6892
Stddev .3101
%RSD 11.533

#1 2.9085
#2 2.4699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.7	45393.	3544.7	89.679	3660.6
Stddev	6.2	162.	11.9	1.461	6.5
%RSD	.17819	.35651	.33495	1.6290	.17890

#1	3500.3	45278.	3553.1	88.646	3656.0
#2	3509.2	45507.	3536.3	90.712	3665.2

Sample Name: CCB15 Acquired: 11/6/2018 23:27:19 Type: Unk
Method: P4-ICP2(v2552) 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	.00063	.00096	-.00086	-.00363	.00002	.00643	.00169	.00002
Stddev	.00079	.00043	.00031	.00133	.00058	.00139	.00042	.00006
%RSD	125.75	44.453	36.259	36.710	3478.9	21.586	24.599	334.05
#1	.00007	.00127	-.00108	-.00457	.00043	.00545	.00140	-.00002
#2	.00119	.00066	-.00064	-.00269	-.00039	.00742	.00199	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01113	-.00008	-.00010	-.00026	.00553	.00000	.01920
Stddev	.00001	.01848	.00011	.00010	.00036	.00291	.00002	.02092
%RSD	90.166	166.04	146.92	106.03	137.54	52.591	1048.5	109.00
#1	-.00001	-.02420	-.00015	-.00017	-.00052	.00347	.00001	.03399
#2	-.00003	.00194	.00000	-.00002	-.00001	.00758	-.00001	.00440
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00016	F .51487	-.00035	-.00063	.25015	.00041	-.00386
Stddev	.00030	.00032	.00729	.00016	.00006	.03290	.00002	.00190
%RSD	37.578	202.63	1.4152	46.982	9.3508	13.153	5.0909	49.326
#1	.00058	-.00038	.52002	-.00023	-.00059	.27341	.00040	-.00251
#2	.00101	.00007	.50972	-.00046	-.00067	.22688	.00043	-.00521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06141	.00347	-.00007	-.00023	-.00229	-.0014	-.00002	F 2.3010
Stddev	.00664	.00157	.00052	.00048	.00111	.0001	.00016	.1117
%RSD	10.805	45.397	747.53	206.02	48.586	9.041	856.74	4.8534
#1	.06611	.00458	-.00044	-.00057	-.00150	-.0013	.00010	2.2221
#2	.05672	.00235	.00030	.00011	-.00307	-.0015	-.00013	2.3800

Sample Name: CCB15 Acquired: 11/6/2018 23:27:19 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1857
Stddev	.0335
%RSD	2.8289

#1	1.2095
#2	1.1620

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.5	47245.	3543.7	91.563	4101.8
Stddev	13.4	6.	10.9	2.363	12.9
%RSD	.37000	.01329	.30693	2.5807	.31429

#1	3624.9	47240.	3551.4	89.892	4092.7
#2	3644.0	47249.	3536.0	93.233	4110.9

Sample Name: J5808-12 Acquired: 11/6/2018 23:31:26 Type: Unk
Method: P4-ICP2(v2552) 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	.00624	-.00138	.00211	.00079	-.00428	-.00662	.02301	.00006
Stddev	.00095	.00134	.00077	.00174	.00159	.00305	.00048	.00003
%RSD	15.170	97.397	36.583	218.79	37.279	46.096	2.0752	60.195

#1	.00557	-.00233	.00265	-.00043	-.00540	-.00446	.02335	.00003
#2	.00691	-.00043	.00156	.00202	-.00315	-.00878	.02267	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	62.453	-.00037	-.00039	.00127	-.01283	.00552	112.25
Stddev	.00002	.843	.00039	.00007	.00000	.00378	.00005	.52
%RSD	16.990	1.3492	106.08	19.117	.28941	29.424	.90415	.46557

#1	-.00009	61.857	-.00065	-.00044	.00127	-.01016	.00548	111.88
#2	-.00011	63.049	-.00009	-.00034	.00127	-.01550	.00555	112.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00002	871.79	.00140	.00025	37.933	.00089	.38843
Stddev	.00053	.00048	8.91	.00030	.00010	.081	.00033	.00574
%RSD	30.849	2346.2	1.0216	21.312	38.076	.21375	37.004	1.4780

#1	-.00210	-.00032	878.09	.00119	.00019	37.876	.00065	.39249
#2	-.00135	.00036	865.49	.00162	.00032	37.990	.00112	.38437

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 87.479	1.7673	-.03187	-.00050	.00563	.0710	.75798	4.7615
Stddev	.113	.0008	.00068	.00038	.00004	.0002	.00072	.0732
%RSD	.12874	.04316	2.1400	75.515	.71021	.3016	.09440	1.5366

#1	87.559	1.7668	-.03139	-.00023	.00560	.0712	.75848	4.7098
#2	87.400	1.7679	-.03235	-.00076	.00565	.0709	.75747	4.8133

Sample Name: J5808-12 Acquired: 11/6/2018 23:31:26 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1281
Stddev	.1742
%RSD	4.2191

#1	4.2513
#2	4.0049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.6	42641.	3571.6	89.320	3353.4
Stddev	13.4	48.	12.4	1.802	14.0
%RSD	.39806	.11277	.34799	2.0171	.41871

#1	3360.1	42607.	3562.8	88.046	3343.5
#2	3379.1	42675.	3580.4	90.594	3363.4

Sample Name: J5808-13 Acquired: 11/6/2018 23:35:36 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	-.00023	.00293	-.00131	-.00245	.01658	.02368	.00002
Stddev	.00089	.00022	.00209	.00111	.00238	.00940	.00034	.00010
%RSD	26.259	98.782	71.099	84.354	97.460	56.689	1.4472	520.78
#1	.00277	-.00038	.00441	-.00210	-.00413	.02323	.02344	-.00005
#2	.00404	-.00007	.00146	-.00053	-.00076	.00993	.02392	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	62.474	-.00091	-.00015	.00022	-.00433	.00538	112.32
Stddev	.00008	.464	.00026	.00009	.00022	.00082	.00008	.52
%RSD	120.83	.74242	29.076	63.496	99.459	19.029	1.4048	.46723
#1	-.00001	62.146	-.00109	-.00022	.00006	-.00491	.00544	111.95
#2	-.00012	62.802	-.00072	-.00008	.00037	-.00375	.00533	112.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	.00022	860.51	.00121	.00004	38.231	.00136	.38671
Stddev	.00031	.00015	1.70	.00025	.00013	.393	.00015	.00709
%RSD	20.957	65.124	.19805	20.658	349.09	1.0293	10.904	1.8326
#1	-.00169	.00012	861.72	.00103	.00013	37.953	.00126	.39172
#2	-.00126	.00033	859.31	.00138	-.00005	38.509	.00146	.38170
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 86.887	1.7910	-.03124	.00048	.00307	.0693	.75636	5.1424
Stddev	.720	.0080	.00138	.00032	.00068	.0023	.00618	.1153
%RSD	.82850	.44407	4.4204	66.714	22.017	3.366	.81645	2.2413
#1	86.378	1.7853	-.03026	.00025	.00355	.0677	.75199	5.0609
#2	87.396	1.7966	-.03222	.00071	.00260	.0710	.76072	5.2239

Sample Name: J5808-13 Acquired: 11/6/2018 23:35:36 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1223
Stddev .0227
%RSD .55031

#1 4.1063
#2 4.1384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.5	42250.	3514.5	87.966	3328.9
Stddev	8.0	15.	38.2	1.512	18.2
%RSD	.24085	.03453	1.0881	1.7186	.54537

#1	3320.1	42260.	3541.6	86.897	3341.8
#2	3308.8	42239.	3487.5	89.035	3316.1

Sample Name: J5810-02 Acquired: 11/6/2018 23:39:46 Type: Unk
Method: P4-ICP2(v2552) 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	.00725	-.00078	.00402	-.00012	-.00298	.02105	.02344	.00006
Stddev	.00280	.00015	.00097	.00030	.00039	.00213	.00111	.00004
%RSD	38.585	19.359	24.024	240.81	13.130	10.100	4.7424	63.811

#1	.00527	-.00088	.00470	-.00033	-.00270	.02256	.02265	.00009
#2	.00922	-.00067	.00334	.00009	-.00325	.01955	.02422	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	91.583	-.00112	-.00037	.00078	-.02460	.00407	206.96
Stddev	.00002	.683	.00036	.00038	.00037	.01217	.00002	3.84
%RSD	19.970	.74572	31.925	100.54	46.745	49.485	.57996	1.8573

#1	-.00011	91.100	-.00087	-.00064	.00052	-.01599	.00409	204.24
#2	-.00014	92.066	-.00138	-.00011	.00104	-.03320	.00405	209.68

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	-.00022	1453.9	.00136	.00040	72.811	.00195	.73382
Stddev	.00032	.00003	15.0	.00000	.00007	.577	.00028	.01554
%RSD	12.072	15.503	1.0288	.17041	17.674	.79307	14.623	2.1173

#1	-.00290	-.00024	1464.4	.00136	.00045	72.403	.00174	.74481
#2	-.00245	-.00019	1443.3	.00136	.00035	73.220	.00215	.72284

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 168.34	1.6627	-.06095	.00027	.02253	.0882	1.3154	5.9915
Stddev	.74	.0193	.00117	.00262	.00176	.0008	.0087	.2331
%RSD	.43804	1.1594	1.9118	975.82	7.8246	.9076	.66121	3.8908

#1	168.86	1.6491	-.06178	-.00158	.02128	.0888	1.3092	5.8266
#2	167.82	1.6763	-.06013	.00212	.02377	.0877	1.3215	6.1563

Sample Name: J5810-02 Acquired: 11/6/2018 23:39:46 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8374
Stddev	.0054
%RSD	.11172

#1	4.8412
#2	4.8336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.0	39937.	3444.3	84.617	3088.4
Stddev	9.4	63.	32.5	1.016	9.1
%RSD	.29554	.15863	.94460	1.2011	.29452

#1	3172.3	39892.	3467.4	83.898	3082.0
#2	3185.6	39982.	3421.3	85.336	3094.8

Sample Name: J5810-03 Acquired: 11/6/2018 23:43:55 Type: Unk
Method: P4-ICP2(v2552) 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	-.00074	.00302	-.00241	-.00234	.01064	.02420	.00014
Stddev	.00120	.00137	.00153	.00037	.00167	.00461	.00072	.00001
%RSD	25.664	185.90	50.757	15.301	71.280	43.329	2.9675	7.0045
#1	.00383	-.00170	.00411	-.00215	-.00352	.00738	.02369	.00015
#2	.00553	.00023	.00194	-.00267	-.00116	.01390	.02471	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	72.567	-.00083	-.00036	.00117	-.01378	.00492	147.21
Stddev	.00008	.021	.00024	.00015	.00020	.00151	.00001	.35
%RSD	29.553	.02913	28.463	42.733	17.224	10.981	.13075	.23437
#1	-.00032	72.582	-.00100	-.00047	.00132	-.01485	.00492	147.45
#2	-.00021	72.552	-.00066	-.00025	.00103	-.01271	.00493	146.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00001	1057.9	.00149	.00008	50.986	.00144	.50872
Stddev	.00029	.00106	.9	.00046	.00006	.078	.00020	.00913
%RSD	13.057	15147.	.08943	31.047	74.898	.15283	13.954	1.7947
#1	-.00244	.00074	1058.5	.00182	.00004	50.931	.00130	.51518
#2	-.00203	-.00076	1057.2	.00116	.00012	51.041	.00158	.50227
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 116.11	1.7849	-.04174	-.00273	.01063	.0804	.96266	5.6453
Stddev	.86	.0149	.00024	.00028	.00055	.0005	.00574	.2998
%RSD	.74189	.83655	.57962	10.083	5.1918	.5991	.59609	5.3112
#1	116.72	1.7743	-.04191	-.00293	.01102	.0801	.96672	5.8574
#2	115.50	1.7955	-.04157	-.00254	.01024	.0808	.95860	5.4333

Sample Name: J5810-03 Acquired: 11/6/2018 23:43:55 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6997
 Stddev .4314
 %RSD 9.1794

#1 5.0047
 #2 4.3946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.3	41546.	3471.3	86.985	3233.1
Stddev	6.8	54.	13.8	2.620	14.4
%RSD	.20632	.13057	.39681	3.0121	.44415

#1	3286.5	41508.	3461.5	88.837	3222.9
#2	3296.1	41584.	3481.0	85.132	3243.2

Sample Name: J5810-04 Acquired: 11/6/2018 23:48:04 Type: Unk
Method: P4-ICP2(v2552) 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	.00557	-.00214	.00373	-.00049	-.00294	-.00855	.02327	.00006
Stddev	.00103	.00126	.00021	.00031	.00075	.00425	.00036	.00006
%RSD	18.528	58.888	5.5810	62.744	25.481	49.726	1.5328	97.684

#1	.00630	-.00125	.00358	-.00070	-.00347	-.00554	.02302	.00010
#2	.00484	-.00303	.00388	-.00027	-.00241	-.01155	.02353	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	102.09	-.00087	-.00032	.00097	-.01184	.00361	238.38
Stddev	.00006	.18	.00067	.00014	.00018	.00796	.00004	1.97
%RSD	40.370	.17340	76.867	43.104	18.726	67.272	.97411	.82661

#1	-.00019	102.21	-.00134	-.00042	.00084	-.00621	.00359	239.77
#2	-.00011	101.96	-.00040	-.00022	.00110	-.01747	.00364	236.98

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00321	.00022	1580.8	.00099	.00040	85.005	.00238	.84432
Stddev	.00043	.00017	56.8	.00036	.00009	.365	.00011	.02198
%RSD	13.250	76.079	3.5915	36.280	23.444	.42923	4.5807	2.6036

#1	-.00291	.00010	1621.0	.00074	.00047	85.263	.00246	.82877
#2	-.00351	.00034	1540.7	.00125	.00034	84.747	.00230	.85986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 197.07	1.6381	-.07171	-.00251	.02850	.0926	1.5124	6.1972
Stddev	.01	.0078	.00020	.00032	.00087	.0003	.0120	.3166
%RSD	.00301	.47674	.28255	12.701	3.0614	.2776	.78992	5.1095

#1	197.07	1.6436	-.07157	-.00229	.02788	.0928	1.5208	6.4211
#2	197.07	1.6325	-.07185	-.00274	.02912	.0924	1.5039	5.9733

Sample Name: J5810-04 Acquired: 11/6/2018 23:48:04 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.6880
Stddev .1300
%RSD 2.7719

#1 4.7799
#2 4.5961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.3	39488.	3401.0	83.520	3017.2
Stddev	11.0	89.	26.8	.217	9.0
%RSD	.35331	.22611	.78768	.26021	.29711

#1	3118.5	39551.	3382.1	83.674	3010.9
#2	3134.1	39425.	3419.9	83.367	3023.6

Sample Name: J5810-05 Acquired: 11/6/2018 23:52:13 Type: Unk
Method: P4-ICP2(v2552) 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	.00466	.00068	.00273	-.00074	-.00187	.02427	.02366	.00009
Stddev	.00307	.00010	.00103	.00021	.00003	.00492	.00094	.00010
%RSD	65.878	14.290	37.851	29.111	1.3722	20.292	3.9714	115.67
#1	.00683	.00061	.00346	-.00059	-.00188	.02775	.02432	.00016
#2	.00249	.00074	.00200	-.00089	-.00185	.02079	.02299	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	80.760	-.00125	-.00046	.00135	-.01493	.00461	171.81
Stddev	.00012	.394	.00020	.00017	.00002	.01873	.00004	2.72
%RSD	120.68	.48802	16.149	37.351	1.1878	125.45	.88578	1.5806
#1	-.00018	80.481	-.00139	-.00034	.00134	-.00169	.00458	173.73
#2	-.00001	81.038	-.00111	-.00058	.00136	-.02818	.00463	169.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	.00018	1195.0	.00150	.00024	60.016	.00155	.60694
Stddev	.00001	.00052	41.2	.00012	.00006	.034	.00010	.01020
%RSD	.51040	290.20	3.4517	8.2196	23.559	.05667	6.3893	1.6798
#1	-.00235	.00054	1224.2	.00159	.00020	59.992	.00162	.61415
#2	-.00237	-.00019	1165.9	.00141	.00028	60.040	.00148	.59973
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 136.51	1.7522	-.04908	-.00178	.01365	.0801	1.1023	5.5265
Stddev	.20	.0158	.00038	.00095	.00189	.0006	.0090	.2617
%RSD	.14997	.90423	.76993	53.373	13.829	.7291	.81312	4.7355
#1	136.65	1.7410	-.04935	-.00111	.01232	.0805	1.1087	5.7116
#2	136.36	1.7634	-.04881	-.00245	.01499	.0797	1.0960	5.3415

Sample Name: J5810-05 Acquired: 11/6/2018 23:52:13 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.5935
Stddev	.1923
%RSD	4.1859

#1	4.4575
#2	4.7294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.0	40689.	3423.3	86.897	3165.3
Stddev	1.0	167.	2.6	.483	2.7
%RSD	.03090	.41062	.07533	.55560	.08446

#1	3239.7	40571.	3425.1	86.556	3163.4
#2	3238.2	40808.	3421.5	87.239	3167.2

Sample Name: J5810-06 Acquired: 11/6/2018 23:56:23 Type: Unk
Method: P4-ICP2(v2552) 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	.00456	-.00094	.00228	-.00169	-.00381	.01451	.02306	-.00001
Stddev	.00141	.00127	.00085	.00267	.00015	.02384	.00017	.00007
%RSD	30.902	135.51	37.404	157.52	3.8240	164.35	.73199	566.76
#1	.00556	-.00004	.00289	.00019	-.00370	-.00235	.02294	.00004
#2	.00356	-.00183	.00168	-.00358	-.00391	.03137	.02318	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	74.762	-.00068	-.00003	.00154	-.01155	.00453	153.41
Stddev	.00021	1.214	.00020	.00004	.00004	.00211	.00002	.53
%RSD	156.55	1.6239	29.271	141.90	2.6281	18.248	.45569	.34630
#1	-.00028	75.621	-.00054	-.00005	.00157	-.01304	.00451	153.78
#2	.00001	73.904	-.00082	.00000	.00151	-.01006	.00454	153.03
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	.00044	1077.1	.00131	.00039	52.613	.00150	.53115
Stddev	.00032	.00068	31.0	.00043	.00009	.718	.00023	.00029
%RSD	15.722	155.83	2.8769	32.786	22.279	1.3649	15.276	.05475
#1	-.00179	-.00004	1099.1	.00101	.00046	53.120	.00166	.53135
#2	-.00223	.00091	1055.2	.00161	.00033	52.105	.00134	.53094
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 121.31	1.7570	-.04385	.00074	.01019	.0806	.98340	5.3397
Stddev	.90	.0335	.00138	.00336	.00380	.0009	.01693	.1338
%RSD	.74240	1.9035	3.1577	454.66	37.309	1.172	1.7219	2.5049
#1	120.68	1.7807	-.04287	-.00164	.00750	.0812	.99538	5.4342
#2	121.95	1.7334	-.04483	.00311	.01288	.0799	.97143	5.2451

Sample Name: J5810-06 Acquired: 11/6/2018 23:56:23 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3627
Stddev	.3075
%RSD	7.0482

#1	4.5801
#2	4.1453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.6	41251.	3469.7	84.940	3191.9
Stddev	11.5	27.	51.3	3.333	6.1
%RSD	.35270	.06447	1.4788	3.9241	.19064

#1	3254.7	41232.	3433.5	82.583	3196.3
#2	3238.5	41270.	3506.0	87.297	3187.6

Sample Name: J5810-07 Acquired: 11/7/2018 0:00:33 Type: Unk
Method: P4-ICP2(v2552) 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	.00404	-.00033	.00532	.00080	-.00333	.00133	.02351	.00002
Stddev	.00011	.00077	.00032	.00325	.00007	.00238	.00057	.00005
%RSD	2.7797	229.11	6.0305	404.88	2.1174	179.66	2.4311	287.56
#1	.00396	.00021	.00555	.00310	-.00338	-.00036	.02391	.00005
#2	.00412	-.00088	.00509	-.00150	-.00328	.00301	.02311	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	100.17	-.00106	-.00054	.00094	-.01709	.00391	233.79
Stddev	.00004	.18	.00023	.00048	.00025	.00724	.00002	.32
%RSD	24.520	.17797	22.058	87.820	27.166	42.352	.45938	.13835
#1	-.00017	100.29	-.00089	-.00021	.00112	-.02221	.00390	233.56
#2	-.00012	100.04	-.00122	-.00088	.00076	-.01197	.00393	234.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	-.00008	1483.6	.00155	.00172	83.289	.00216	.81567
Stddev	.00014	.00055	60.7	.00003	.00005	.217	.00001	.01184
%RSD	5.0285	700.75	4.0885	2.2252	2.7990	.26078	.63629	1.4516
#1	-.00280	.00031	1526.5	.00152	.00175	83.443	.00215	.80730
#2	-.00261	-.00047	1440.7	.00157	.00168	83.136	.00217	.82404
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 191.73	1.6661	-.07008	.00197	.02531	.0943	1.4927	6.4273
Stddev	1.23	.0065	.00047	.00196	.00039	.0016	.0056	.0895
%RSD	.64406	.39052	.66585	99.482	1.5301	1.669	.37797	1.3926
#1	192.61	1.6615	-.07041	.00058	.02558	.0931	1.4966	6.4906
#2	190.86	1.6707	-.06975	.00335	.02504	.0954	1.4887	6.3641

Sample Name: J5810-07 Acquired: 11/7/2018 0:00:33 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8271
Stddev	.1594
%RSD	3.3020

#1	4.9398
#2	4.7144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.0	39221.	3370.7	83.071	3015.1
Stddev	21.9	124.	7.3	.759	16.7
%RSD	.70163	.31540	.21596	.91413	.55400

#1	3109.5	39133.	3365.5	82.534	3003.3
#2	3140.5	39308.	3375.8	83.608	3026.9

Sample Name: J5810-08 Acquired: 11/7/2018 0:04:43 Type: Unk
Method: P4-ICP2(v2552) 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	.00453	.00015	.00404	.00127	-.00265	.02126	.02371	.00013
Stddev	.00051	.00055	.00007	.00129	.00100	.01786	.00016	.00002
%RSD	11.354	364.76	1.7704	101.42	37.784	83.984	.65944	12.443
#1	.00416	.00054	.00409	.00036	-.00194	.03389	.02382	.00015
#2	.00489	-.00024	.00399	.00218	-.00336	.00863	.02360	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	94.078	-.00103	-.00025	.00119	-.01414	.00376	213.38
Stddev	.00017	.219	.00075	.00029	.00066	.00335	.00001	.54
%RSD	92.062	.23250	72.621	113.51	55.551	23.681	.32848	.25306
#1	-.00030	93.923	-.00155	-.00046	.00072	-.01177	.00375	213.76
#2	-.00006	94.232	-.00050	-.00005	.00165	-.01650	.00377	213.00
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	-.00002	1410.6	.00118	.00044	76.371	.00197	.74473
Stddev	.00025	.00032	24.0	.00029	.00002	.262	.00052	.00058
%RSD	7.2671	1491.3	1.6982	24.654	5.4808	.34322	26.503	.07728
#1	-.00357	.00020	1427.6	.00138	.00046	76.557	.00160	.74433
#2	-.00322	-.00025	1393.7	.00097	.00042	76.186	.00234	.74514
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 174.77	1.6855	-.06322	-.00220	.02363	.0925	1.3817	5.9664
Stddev	.77	.0017	.00002	.00085	.00124	.0005	.0017	.1772
%RSD	.43822	.09823	.02775	38.642	5.2603	.5820	.12501	2.9694
#1	175.31	1.6866	-.06324	-.00280	.02451	.0921	1.3829	6.0917
#2	174.23	1.6843	-.06321	-.00160	.02275	.0929	1.3804	5.8412

Sample Name: J5810-08 Acquired: 11/7/2018 0:04:43 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0033
Stddev .0280
%RSD .55949

#1 5.0231
#2 4.9835

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.4	39585.	3376.7	84.815	3028.0
Stddev	3.5	216.	2.8	1.083	10.0
%RSD	.11044	.54549	.08311	1.2771	.32922

#1	3127.9	39738.	3374.7	85.581	3021.0
#2	3132.8	39433.	3378.7	84.049	3035.1

Sample Name: J5810-09 Acquired: 11/7/2018 0:08:53 Type: Unk
Method: P4-ICP2(v2552) 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	.00644	-.00067	.00412	-.00182	-.00283	.04268	.02311	.00000
Stddev	.00205	.00252	.00073	.00140	.00076	.01324	.00031	.00006
%RSD	31.813	378.38	17.757	76.919	26.796	31.014	1.3479	6768.6

#1	.00499	.00112	.00464	-.00083	-.00337	.03332	.02289	-.00004
#2	.00789	-.00245	.00360	-.00281	-.00229	.05203	.02333	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	68.306	-.00100	-.00040	.00084	-.01072	.00397	133.12
Stddev	.00002	.455	.00037	.00023	.00050	.01191	.00000	.57
%RSD	8.9758	.66570	36.590	57.325	59.890	111.13	.04986	.42504

#1	-.00019	67.984	-.00074	-.00024	.00119	-.00230	.00397	132.72
#2	-.00017	68.628	-.00126	-.00056	.00048	-.01914	.00397	133.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00018	953.87	.00133	.00046	46.205	.00150	.46767
Stddev	.00045	.00045	8.52	.00002	.00021	.210	.00026	.00030
%RSD	26.019	249.92	.89353	1.1559	45.728	.45558	17.227	.06332

#1	-.00141	.00049	947.84	.00132	.00061	46.056	.00168	.46746
#2	-.00205	-.00014	959.90	.00135	.00031	46.354	.00132	.46788

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.01	1.8030	-.03751	-.00251	.00689	.0754	.88451	5.0130
Stddev	.78	.0043	.00017	.00089	.00023	.0015	.00039	.2852
%RSD	.74018	.23866	.44062	35.359	3.3764	1.931	.04398	5.6893

#1	104.46	1.8000	-.03763	-.00314	.00673	.0744	.88479	5.2147
#2	105.56	1.8061	-.03740	-.00189	.00706	.0764	.88424	4.8114

Sample Name: J5810-09 Acquired: 11/7/2018 0:08:53 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1769
Stddev .1055
%RSD 2.5255

#1 4.1023
#2 4.2515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3280.1	41535.	3459.9	86.130	3240.0
Stddev	21.6	162.	3.7	1.569	12.9
%RSD	.65712	.39103	.10829	1.8216	.39862

#1	3295.3	41420.	3462.5	85.020	3249.2
#2	3264.9	41649.	3457.2	87.239	3230.9

Sample Name: CCV16 Acquired: 11/7/2018 0:13:02 Type: Unk
Method: P4-ICP2(v2552) 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	4.9639	4.8483	4.9434	4.9463	5.0825	10.010	10.214	.25000
Stddev	.0047	.0252	.0133	.0252	.0042	.054	.073	.00018
%RSD	.09453	.51952	.26918	.50957	.08239	.53705	.71464	.07081

#1	4.9606	4.8661	4.9528	4.9641	5.0855	9.9721	10.265	.24988
#2	4.9672	4.8305	4.9340	4.9285	5.0795	10.048	10.162	.25013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4202	26.284	.95514	2.4359	1.2569	4.8651	2.5392	23.694
Stddev	.0056	.112	.00126	.0056	.0049	.0449	.0012	.079
%RSD	.23156	.42575	.13212	.23107	.39007	.92228	.04706	.33424

#1	2.4241	26.364	.95425	2.4399	1.2603	4.8968	2.5401	23.638
#2	2.4162	26.205	.95603	2.4320	1.2534	4.8334	2.5384	23.750

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3953	1.1961	F 21.168	2.4044	2.7307	25.319	4.9189	4.7950
Stddev	.0058	.0002	.051	.0012	.0310	.161	.0015	.0076
%RSD	.24332	.01597	.23917	.04844	1.1368	.63403	.03038	.15856

#1	2.3994	1.1960	21.203	2.4036	2.7527	25.432	4.9199	4.7897
#2	2.3911	1.1962	21.132	2.4053	2.7088	25.205	4.9178	4.8004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1920	4.9994	4.6686	4.9059	5.0674	4.830	4.8896	F 3.9536
Stddev	.0190	.0101	.0082	.0020	.0463	.019	.0347	.0831
%RSD	.36660	.20208	.17555	.04089	.91429	.3986	.71045	2.1027

#1	5.2055	4.9923	4.6744	4.9073	5.1002	4.844	4.9142	3.8948
#2	5.1785	5.0066	4.6628	4.9045	5.0347	4.817	4.8651	4.0124

Sample Name: CCV16 Acquired: 11/7/2018 0:13:02 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1576
Stddev .1068
%RSD 3.3836

#1 3.2331
#2 3.0820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.4	45225.	3489.4	85.250	3649.1
Stddev	9.1	15.	11.9	1.122	15.6
%RSD	.25886	.03318	.34241	1.3163	.42718

#1	3497.0	45215.	3481.0	84.457	3638.1
#2	3509.8	45236.	3497.9	86.043	3660.1

Sample Name: CCB16 Acquired: 11/7/2018 0:16:50 Type: Unk
Method: P4-ICP2(v2552) 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	.00104	.00019	-.00031	-.00358	.00035	-.00337	.00116	-.00002
Stddev	.00060	.00063	.00001	.00253	.00024	.01323	.00058	.00005
%RSD	58.350	325.60	3.2946	70.563	68.752	392.22	49.653	217.97

#1	.00061	.00064	-.00031	-.00537	.00018	-.01273	.00157	-.00006
#2	.00146	-.00025	-.00030	-.00180	.00051	.00598	.00075	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00453	.00014	-.00013	-.00042	.00666	-.00005	.00386
Stddev	.00001	.00052	.00004	.00020	.00043	.00246	.00001	.00138
%RSD	193.31	11.413	28.122	160.67	104.02	37.002	17.819	35.733

#1	.00000	.00490	.00012	-.00027	-.00011	.00492	-.00004	.00288
#2	-.00002	.00416	.00017	.00002	-.00072	.00840	-.00006	.00483

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00003	F .93072	.00032	-.00072	.31347	.00054	-.00050
Stddev	.00022	.00037	.02479	.00033	.00006	.03660	.00018	.00316
%RSD	36.486	1123.3	2.6634	102.85	8.7220	11.677	33.088	628.57

#1	.00045	.00023	.94825	.00009	-.00067	.33935	.00041	.00173
#2	.00077	-.00030	.91319	.00055	-.00076	.28759	.00067	-.00274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08808	.00452	-.00025	.00166	-.00450	.0000	.00001	F 2.2309
Stddev	.01107	.00223	.00026	.00244	.00105	.0002	.00013	.2974
%RSD	12.564	49.299	101.63	147.11	23.352	617.3	1119.3	13.332

#1	.09590	.00295	-.00043	-.00007	-.00525	-.0001	-.00008	2.4412
#2	.08025	.00610	-.00007	.00339	-.00376	.0002	.00011	2.0206

Sample Name: CCB16 Acquired: 11/7/2018 0:16:50 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3142
Stddev .0456
%RSD 3.4663

#1 1.3464
#2 1.2819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3631.7	47257.	3494.6	88.000	4089.8
Stddev	10.3	25.	4.3	.177	4.8
%RSD	.28361	.05388	.12205	.20088	.11646

#1	3624.4	47239.	3491.6	88.125	4086.5
#2	3639.0	47275.	3497.7	87.875	4093.2

Sample Name: J5810-10 Acquired: 11/7/2018 0:20:57 Type: Unk
Method: P4-ICP2(v2552) 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	.00492	-.00072	.00232	-.00201	-.00224	.01661	.02274	.00005
Stddev	.00053	.00071	.00031	.00016	.00009	.01442	.00123	.00000
%RSD	10.759	99.397	13.443	8.1669	4.0482	86.842	5.4053	6.8783
#1	.00455	-.00122	.00254	-.00189	-.00217	.00641	.02360	.00005
#2	.00530	-.00021	.00210	-.00213	-.00230	.02681	.02187	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	63.088	-.00065	-.00029	.00118	-.00870	.00614	118.58
Stddev	.00010	2.471	.00038	.00002	.00008	.00216	.00011	3.55
%RSD	110.82	3.9165	59.437	7.3437	6.4563	24.812	1.7508	2.9907
#1	-.00016	64.835	-.00092	-.00028	.00113	-.01023	.00622	121.08
#2	-.00002	61.341	-.00037	-.00031	.00123	-.00718	.00607	116.07
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	.00040	908.87	.00085	.00028	40.404	.00131	.40929
Stddev	.00031	.00006	44.93	.00022	.00000	1.365	.00024	.02159
%RSD	16.216	15.191	4.9433	25.317	.93296	3.3795	18.670	5.2752
#1	-.00168	.00044	940.64	.00070	.00027	41.370	.00148	.42455
#2	-.00212	.00036	877.11	.00101	.00028	39.439	.00113	.39402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.538	1.7975	-.03466	.00134	.00603	.0785	.79034	4.6311
Stddev	.112	.0818	.00081	.00008	.00198	.0007	.03079	.3255
%RSD	.11843	4.5480	2.3335	5.7794	32.905	.9413	3.8956	7.0275
#1	94.618	1.8553	-.03409	.00139	.00743	.0790	.81211	4.4010
#2	94.459	1.7397	-.03524	.00128	.00462	.0779	.76857	4.8612

Sample Name: J5810-10 Acquired: 11/7/2018 0:20:57 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1980
Stddev .0236
%RSD .56197

#1 4.1813
#2 4.2147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.7	41761.	3541.7	86.647	3300.4
Stddev	24.4	180.	123.3	.035	4.4
%RSD	.73538	.43144	3.4800	.04077	.13296

#1	3301.5	41633.	3454.5	86.622	3297.3
#2	3336.0	41888.	3628.8	86.672	3303.6

Sample Name: J5810-11 Acquired: 11/7/2018 0:25:06 Type: Unk
Method: P4-ICP2(v2552) 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	.00378	-.00033	.00393	-.00010	-.00468	.01778	.02328	.00002
Stddev	.00360	.00104	.00007	.00325	.00141	.01254	.00082	.00010
%RSD	95.357	310.46	1.9069	3224.1	30.124	70.498	3.5419	451.33
#1	.00123	-.00107	.00388	.00220	-.00368	.02665	.02386	-.00005
#2	.00632	.00040	.00398	-.00240	-.00568	.00892	.02269	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	64.771	-.00081	-.00026	.00100	-.01767	.00564	118.79
Stddev	.00002	.455	.00013	.00021	.00084	.00298	.00004	.05
%RSD	19.321	.70319	16.348	80.182	84.047	16.892	.68058	.03935
#1	-.00014	65.093	-.00090	-.00040	.00041	-.01556	.00566	118.75
#2	-.00011	64.449	-.00071	-.00011	.00160	-.01978	.00561	118.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	.00020	903.14	.00080	.00005	41.287	.00118	.41466
Stddev	.00036	.00010	4.42	.00018	.00001	.057	.00001	.00639
%RSD	20.402	50.789	.48911	21.979	26.181	.13901	.92425	1.5420
#1	-.00203	.00027	906.26	.00093	.00006	41.328	.00119	.41014
#2	-.00152	.00013	900.02	.00068	.00004	41.247	.00117	.41919
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 92.568	1.8397	-.03318	-.00190	.00390	.0771	.80146	4.6962
Stddev	.141	.0235	.00029	.00017	.00176	.0002	.00016	.0132
%RSD	.15268	1.2787	.87778	9.1382	45.221	.2004	.01992	.28069
#1	92.468	1.8563	-.03298	-.00202	.00514	.0770	.80134	4.6868
#2	92.668	1.8231	-.03339	-.00178	.00265	.0772	.80157	4.7055

Sample Name: J5810-11 Acquired: 11/7/2018 0:25:06 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3166
Stddev .1873
%RSD 4.3395

#1 4.1842
#2 4.4491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.6	42362.	3450.4	84.243	3307.8
Stddev	10.0	170.	18.0	.758	1.8
%RSD	.30033	.40104	.52076	.89980	.05323

#1	3317.5	42482.	3437.7	83.707	3309.1
#2	3331.6	42242.	3463.1	84.779	3306.6

Sample Name: J5810-12 Acquired: 11/7/2018 0:29:16 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	-.00060	.00311	-.00006	-.00228	.02823	.02318	-.00002
Stddev	.00030	.00056	.00012	.00219	.00158	.00681	.00050	.00010
%RSD	7.5160	94.393	3.6952	3373.2	68.967	24.138	2.1609	467.27
#1	.00415	-.00020	.00320	.00148	-.00117	.03305	.02282	.00005
#2	.00374	-.00099	.00303	-.00161	-.00340	.02341	.02353	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	62.770	-.00058	-.00015	.00115	-.01106	.00474	110.43
Stddev	.00006	.064	.00018	.00032	.00041	.00089	.00002	.04
%RSD	73.361	.10153	31.820	210.97	35.971	8.0247	.34087	.03364
#1	-.00012	62.724	-.00045	-.00037	.00086	-.01043	.00472	110.40
#2	-.00004	62.815	-.00070	.00007	.00144	-.01169	.00475	110.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00020	847.87	.00115	.00010	38.464	.00113	.37322
Stddev	.00004	.00011	7.89	.00009	.00002	.071	.00025	.00038
%RSD	2.5588	57.170	.93041	7.7693	24.056	.18573	21.705	.10229
#1	-.00155	-.00012	853.44	.00109	.00012	38.413	.00130	.37349
#2	-.00149	-.00028	842.29	.00122	.00008	38.514	.00096	.37295
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 86.721	1.8457	-.03111	.00006	.00496	.0742	.75128	4.7523
Stddev	.769	.0168	.00092	.00034	.00409	.0002	.00068	.4381
%RSD	.88635	.90787	2.9673	518.94	82.571	.2312	.09063	9.2181
#1	86.177	1.8339	-.03046	-.00017	.00785	.0743	.75176	4.4426
#2	87.264	1.8576	-.03176	.00030	.00206	.0740	.75079	5.0621

Sample Name: J5810-12 Acquired: 11/7/2018 0:29:16 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0271
Stddev .3870
%RSD 9.6095

#1 4.3007
#2 3.7534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.5	42630.	3491.0	85.971	3309.5
Stddev	34.4	114.	3.9	.416	27.9
%RSD	1.0318	.26838	.11270	.48335	.84274

#1	3356.8	42711.	3493.7	85.677	3329.2
#2	3308.1	42549.	3488.2	86.265	3289.8

Sample Name: J5810-13 Acquired: 11/7/2018 0:33:26 Type: Unk
Method: P4-ICP2(v2552) 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	.00383	-.00165	.00350	-.00319	-.00291	.01037	.02398	.00003
Stddev	.00073	.00142	.00023	.00175	.00092	.00700	.00013	.00001
%RSD	19.034	85.980	6.5512	54.907	31.765	67.491	.52370	39.922

#1	.00332	-.00065	.00333	-.00442	-.00356	.01531	.02389	.00004
#2	.00435	-.00265	.00366	-.00195	-.00226	.00542	.02406	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	63.258	-.00098	-.00021	.00116	-.00885	.00491	111.23
Stddev	.00002	.135	.00001	.00001	.00031	.00753	.00010	.09
%RSD	17.059	.21265	1.1594	3.1641	27.089	85.080	2.0771	.08032

#1	-.00015	63.163	-.00097	-.00021	.00138	-.01418	.00499	111.17
#2	-.00012	63.353	-.00099	-.00020	.00094	-.00353	.00484	111.29

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	.00031	837.61	.00088	.00026	38.385	.00096	.39447
Stddev	.00002	.00002	.08	.00033	.00004	.182	.00009	.00452
%RSD	.97032	5.5873	.00901	37.533	14.387	.47369	9.0481	1.1464

#1	-.00183	.00032	837.56	.00112	.00028	38.257	.00103	.39767
#2	-.00180	.00029	837.67	.00065	.00023	38.514	.00090	.39127

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 86.228	1.8590	-.03011	-.00145	.00449	.0758	.74680	4.9939
Stddev	.105	.0152	.00042	.00129	.00188	.0003	.00124	.2050
%RSD	.12188	.81959	1.4029	88.577	41.928	.4143	.16581	4.1058

#1	86.303	1.8697	-.03041	-.00054	.00316	.0755	.74593	5.1389
#2	86.154	1.8482	-.02981	-.00236	.00582	.0760	.74768	4.8489

Sample Name: J5810-13 Acquired: 11/7/2018 0:33:26 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9636
Stddev .6589
%RSD 16.623

#1 4.4295
#2 3.4977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.8	42167.	3466.3	85.597	3340.4
Stddev	34.9	61.	17.4	1.203	36.2
%RSD	1.0353	.14491	.50253	1.4058	1.0844

#1	3347.1	42124.	3478.6	86.448	3314.8
#2	3396.5	42210.	3454.0	84.746	3366.0

Sample Name: J5815-01DLX10 Acquired: 11/7/2018 0:37:35 Type: Unk
Method: P4-ICP2(v2552) 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	.00942	-.00043	.06772	-.00196	-.00250	7.9286	.06771	.00025
Stddev	.00020	.00150	.00020	.00021	.00228	.0101	.00005	.00001
%RSD	2.1246	345.11	.29943	10.742	90.994	.12775	.06835	4.1882

#1	.00956	.00062	.06787	-.00211	-.00089	7.9357	.06775	.00025
#2	.00928	-.00149	.06758	-.00181	-.00412	7.9214	.06768	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	7.9999	.62871	.00610	.02800	11.563	.13022	1.9862
Stddev	.00008	.0251	.00865	.00002	.00045	.280	.00184	.0133
%RSD	31.484	.31434	1.3753	.40561	1.6219	2.4180	1.4144	.67008

#1	-.00021	8.0177	.63483	.00608	.02833	11.365	.13152	1.9768
#2	-.00033	7.9821	.62260	.00612	.02768	11.760	.12892	1.9956

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02430	-.00042	3.3998	.03043	.09134	1.2501	.00062	-.00945
Stddev	.00039	.00062	.1704	.00043	.00157	.0665	.00012	.01351
%RSD	1.5984	146.68	5.0123	1.4283	1.7233	5.3174	19.317	142.94

#1	.02403	-.00086	3.5203	.03073	.09022	1.2971	.00071	-.01901
#2	.02458	.00002	3.2793	.03012	.09245	1.2031	.00054	.00010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37221	.16935	.00366	.07609	.00095	.2662	.02710	2.2011
Stddev	.02348	.00379	.00045	.00288	.00165	.0004	.00041	.2582
%RSD	6.3073	2.2373	12.354	3.7793	174.40	.1577	1.5211	11.730

#1	.38881	.17203	.00398	.07812	-.00022	.2659	.02739	2.0185
#2	.35561	.16667	.00334	.07406	.00212	.2665	.02681	2.3837

Sample Name: J5815-01DLX10 Acquired: 11/7/2018 0:37:35 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3077
Stddev	.1435
%RSD	4.3390

#1	3.4092
#2	3.2063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.1	47360.	3504.0	86.763	4038.3
Stddev	6.6	66.	25.5	1.067	2.6
%RSD	.17829	.13892	.72731	1.2293	.06508

#1	3683.5	47314.	3486.0	87.517	4036.4
#2	3692.8	47407.	3522.0	86.008	4040.2

Sample Name: J5815-03DLX10 Acquired: 11/7/2018 0:41:38 Type: Unk
Method: P4-ICP2(v2552) 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	.00573	.00040	.02886	-.00330	-.00517	6.8819	.04889	.00023
Stddev	.00063	.00136	.00101	.00355	.00078	.0530	.00061	.00003
%RSD	10.917	338.31	3.4836	107.61	15.019	.77024	1.2423	12.833

#1	.00618	.00137	.02957	-.00580	-.00572	6.9194	.04846	.00021
#2	.00529	-.00056	.02815	-.00079	-.00462	6.8444	.04931	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	13.713	.92896	.00695	.01807	9.7059	.07568	1.6599
Stddev	.00010	.082	.00220	.00019	.00013	.1056	.00030	.0265
%RSD	31.456	.59548	.23675	2.7070	.70493	1.0878	.39847	1.5969

#1	-.00040	13.655	.93051	.00708	.01798	9.7806	.07547	1.6787
#2	-.00025	13.771	.92740	.00681	.01816	9.6313	.07589	1.6412

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03438	-.00030	1.5375	.02790	.09619	.39538	.00155	-.00496
Stddev	.00015	.00075	.0108	.00040	.00124	.02352	.00013	.00088
%RSD	.44523	248.89	.70264	1.4402	1.2924	5.9493	8.3170	17.708

#1	.03449	-.00083	1.5451	.02762	.09707	.37875	.00164	-.00434
#2	.03428	.00023	1.5298	.02818	.09531	.41201	.00146	-.00558

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38855	.20408	.00297	.10331	-.00431	.2204	.04769	2.4949
Stddev	.00294	.00781	.00038	.00090	.00140	.0008	.00022	.0783
%RSD	.75622	3.8266	12.829	.87377	32.546	.3537	.45168	3.1371

#1	.39062	.19856	.00270	.10395	-.00530	.2198	.04753	2.4395
#2	.38647	.20960	.00324	.10267	-.00331	.2209	.04784	2.5502

Sample Name: J5815-03DLX10 Acquired: 11/7/2018 0:41:38 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3254
Stddev .0927
%RSD 2.7888

#1 3.2598
#2 3.3910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3633.0	47004.	3523.3	89.646	3999.2
Stddev	.3	219.	10.9	1.043	3.7
%RSD	.00718	.46494	.30934	1.1634	.09374

#1	3633.2	46850.	3531.1	88.908	3996.6
#2	3632.8	47159.	3515.6	90.383	4001.9

Sample Name: CCV17 Acquired: 11/7/2018 0:45:41 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SODUS-TS-001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9726	4.8436	4.9533	4.9555	5.0957	10.069	10.215	.25039
Stddev	.0011	.0072	.0044	.0024	.0080	.045	.060	.00019
%RSD	.02173	.14776	.08968	.04857	.15786	.44298	.58262	.07529
#1	4.9718	4.8486	4.9565	4.9572	5.1013	10.038	10.257	.25025
#2	4.9734	4.8385	4.9502	4.9538	5.0900	10.101	10.173	.25052
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4230	26.481	.95637	2.4376	1.2554	4.7940	2.5444	23.909
Stddev	.0020	.145	.00164	.0052	.0008	.0281	.0008	.067
%RSD	.08152	.54834	.17186	.21453	.06782	.58610	.03267	.28123
#1	2.4244	26.378	.95753	2.4413	1.2560	4.8139	2.5450	23.956
#2	2.4216	26.584	.95521	2.4339	1.2548	4.7742	2.5438	23.861
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3947	1.2027	22.629	2.4168	2.7442	25.075	4.9298	4.8222
Stddev	.0061	.0029	.085	.0007	.0351	.111	.0044	.0050
%RSD	.25652	.24190	.37438	.02744	1.2782	.44303	.09013	.10351
#1	2.3990	1.2048	22.689	2.4172	2.7690	25.154	4.9329	4.8257
#2	2.3903	1.2007	22.569	2.4163	2.7194	24.997	4.9267	4.8187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7366	5.0680	4.6607	4.8988	5.0743	4.825	4.8820	F 3.5495
Stddev	.0112	.0226	.0059	.0127	.0209	.007	.0379	.0176
%RSD	.23646	.44508	.12575	.25977	.41097	.1393	.77593	.49669
#1	4.7445	5.0839	4.6649	4.8898	5.0890	4.830	4.9087	3.5371
#2	4.7286	5.0520	4.6566	4.9078	5.0595	4.821	4.8552	3.5620

Sample Name: CCV17 Acquired: 11/7/2018 0:45:41 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SODUS-TS-001 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9716
Stddev .1066
%RSD 3.5866

#1 2.8963
#2 3.0470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.1	45381.	3473.1	85.536	3678.7
Stddev	14.2	50.	24.9	1.270	15.3
%RSD	.40225	.10987	.71562	1.4844	.41468

#1	3515.1	45346.	3455.6	84.638	3667.9
#2	3535.1	45417.	3490.7	86.434	3689.5

Sample Name: CCB17 Acquired: 11/7/2018 0:49:29 Type: Unk
 Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SODUS-TS-002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	.00096	-.00106	-.00243	-.00172	.00857	.00175	-.00004
Stddev	.00159	.00028	.00034	.00385	.00109	.00394	.00058	.00000
%RSD	55.625	29.130	32.427	158.57	63.389	45.919	32.932	5.4287
#1	.00399	.00116	-.00130	.00029	-.00249	.00579	.00215	-.00004
#2	.00174	.00076	-.00081	-.00515	-.00095	.01136	.00134	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00049	.00025	-.00008	.00026	.00699	-.00004	-.03801
Stddev	.00004	.00362	.00009	.00006	.00039	.00464	.00005	.01990
%RSD	1213.3	738.64	36.876	78.208	149.73	66.346	130.25	52.366
#1	.00002	-.00305	.00031	-.00004	.00054	.01027	-.00008	-.05208
#2	-.00003	.00207	.00018	-.00012	-.00002	.00371	-.00000	-.02393
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00020	-.06756	.00029	-.00060	.07167	.00040	-.00079
Stddev	.00005	.00061	.02151	.00025	.00004	.01103	.00004	.00131
%RSD	7.2711	308.00	31.835	84.245	6.0728	15.388	10.123	166.01
#1	.00073	.00063	-.08276	.00047	-.00057	.06387	.00038	-.00171
#2	.00065	-.00023	-.05235	.00012	-.00062	.07946	.00043	.00014
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01315	.00184	-.00026	.00127	-.00915	-.0012	.00008	F 2.1651
Stddev	.00259	.00076	.00027	.00000	.00046	.0003	.00014	.0987
%RSD	19.726	41.592	101.17	.00718	5.0098	25.52	170.32	4.5570
#1	.01498	.00238	-.00008	.00127	-.00882	-.0010	.00019	2.2348
#2	.01131	.00130	-.00045	.00127	-.00947	-.0015	-.00002	2.0953

Sample Name: CCB17 Acquired: 11/7/2018 0:49:29 Type: Unk
Method: P4-ICP2(v2552) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SODUS-TS-002 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1774
Stddev .2063
%RSD 17.522

#1 1.3233
#2 1.0315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3641.4	47160.	3480.4	89.338	4110.1
Stddev	17.9	306.	4.1	2.410	17.1
%RSD	.49120	.64964	.11839	2.6977	.41546

#1	3628.7	46943.	3483.3	91.042	4098.0
#2	3654.0	47376.	3477.5	87.633	4122.2