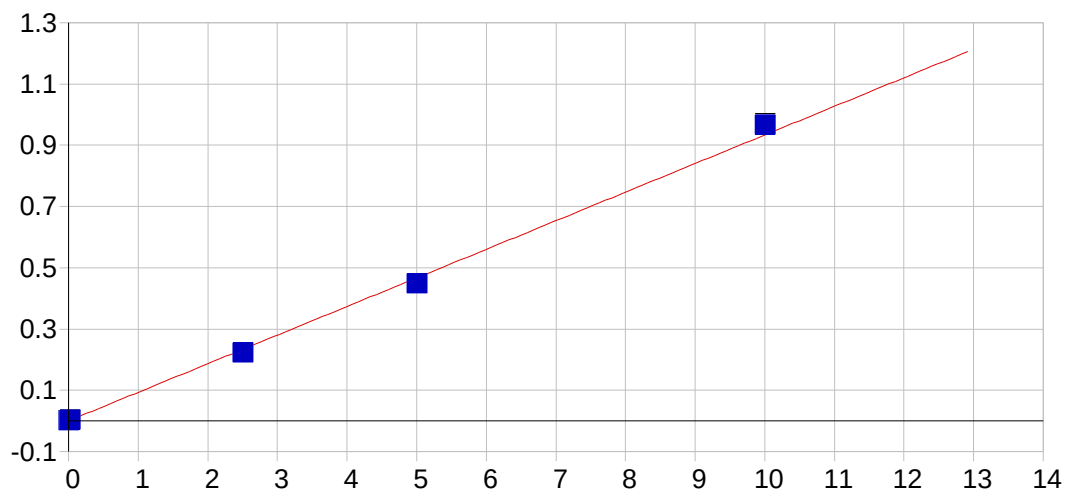


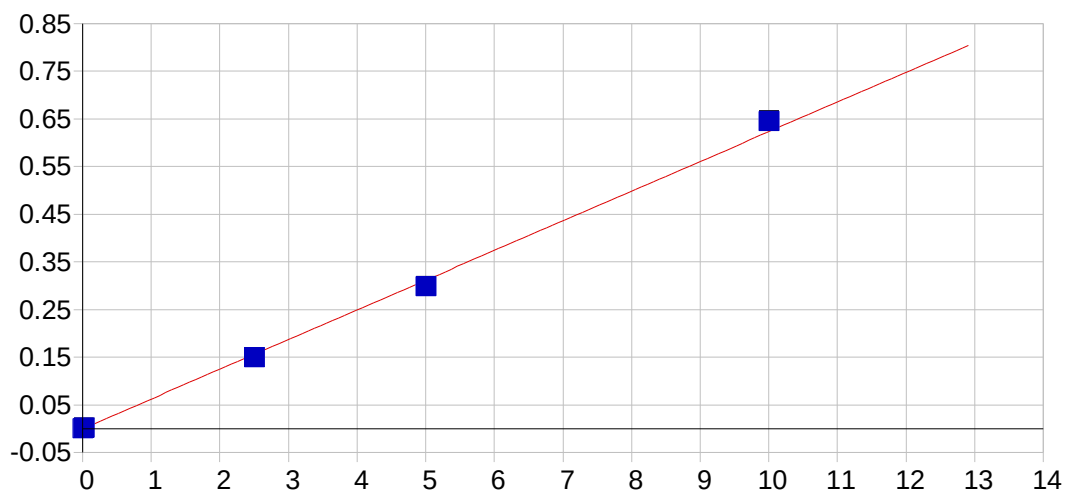


As 189.042 {478}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.093366 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999227 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.002426
 Predicted MQL: 0.008088

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.02000	.01683	-.003	-15.9	.00166	.000	1
S3	2.5000	2.3773	-.123	-4.91	.22203	.000	1
S4	5.0000	4.7868	-.213	-4.26	.44699	.001	1
S5	10.000	10.339	.339	3.39	.96534	.004	1



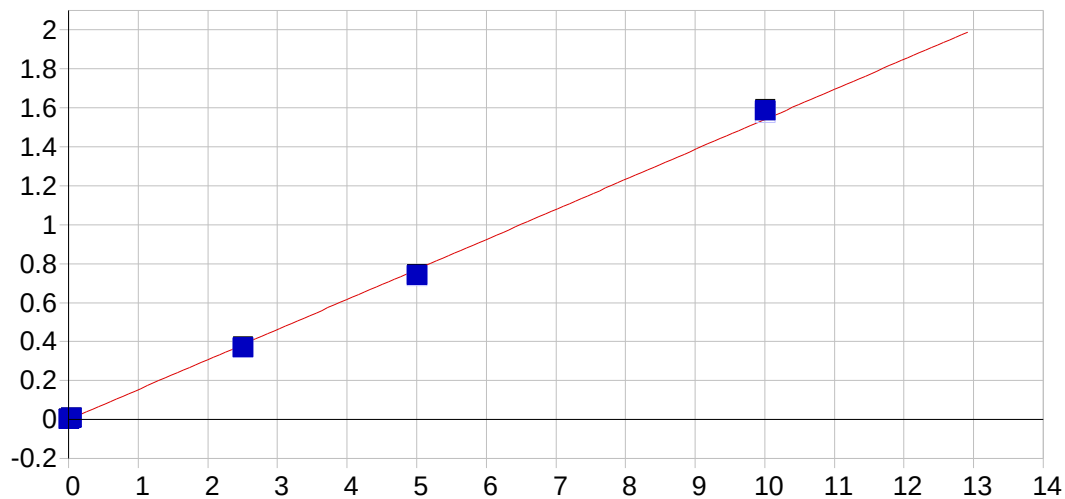
As 189.042 {479}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000

A1 (Gain): 0.062311 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999235 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.002355
 Predicted MQL: 0.007850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.02000	.01992	-.000	-.419	.00126	.000	1
S3	2.5000	2.3788	-.121	-4.85	.14824	.001	1
S4	5.0000	4.7824	-.218	-4.35	.29802	.000	1
S5	10.000	10.339	.339	3.39	.64425	.002	1

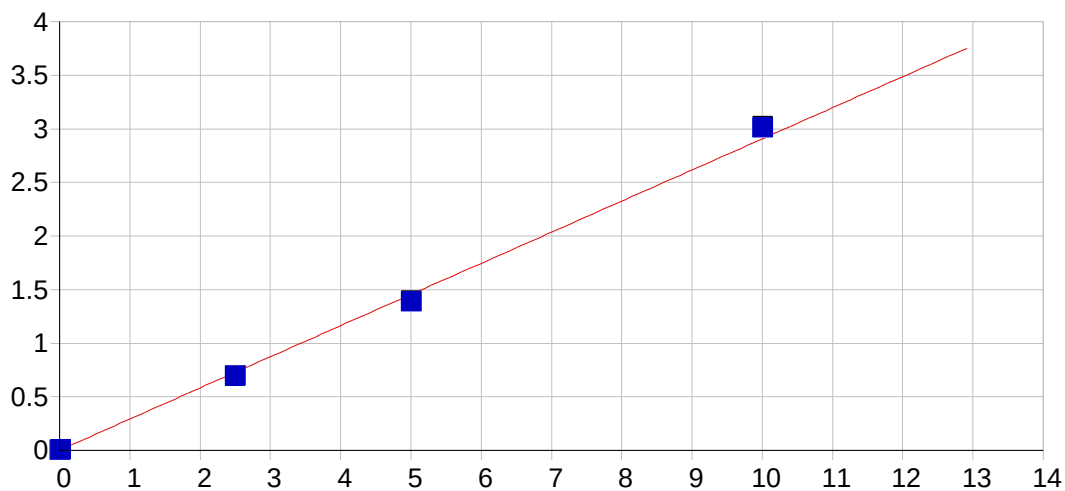


TI 190.856 {477}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000570 Re-Slope: 1.000000
 A1 (Gain): 0.154133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999421 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.001188
 Predicted MQL: 0.003959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00057	.000	1
S1	.04000	.04307	.003	7.68	.00591	.000	1
S3	2.5000	2.3996	-.100	-4.02	.36534	.002	1
S4	5.0000	4.8089	-.191	-3.82	.73273	.002	1
S5	10.000	10.289	.289	2.89	1.5694	.005	1

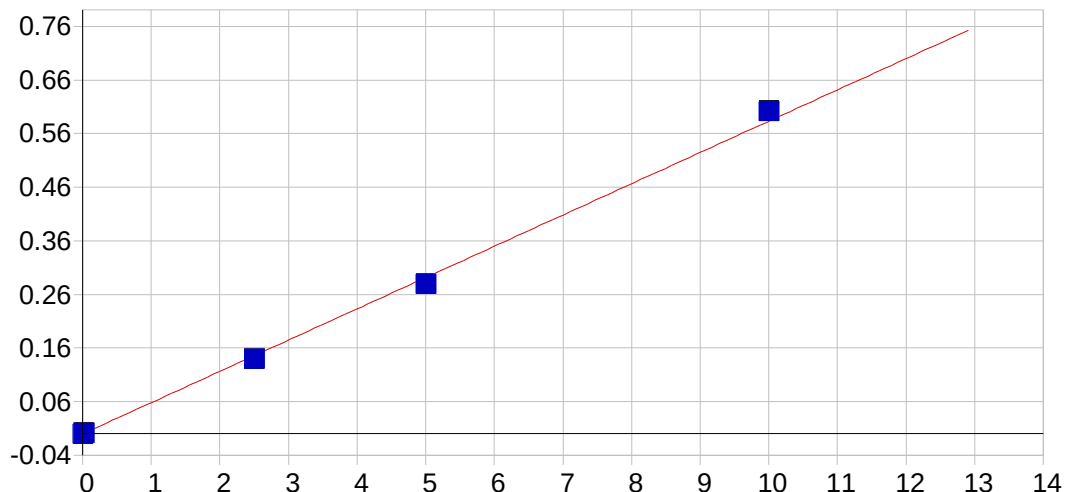


Pb 220.353 {453}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002444 Re-Slope: 1.000000
 A1 (Gain): 0.290351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999156 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.000981
 Predicted MQL: 0.003270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00244	.000	1
S1	.01200	.01297	.001	8.12	.00615	.000	1
S3	2.5000	2.3781	-.122	-4.88	.69198	.002	1
S4	5.0000	4.7663	-.234	-4.67	1.3844	.004	1
S5	10.000	10.355	.355	3.55	3.0051	.012	1



Se 196.090 {472}

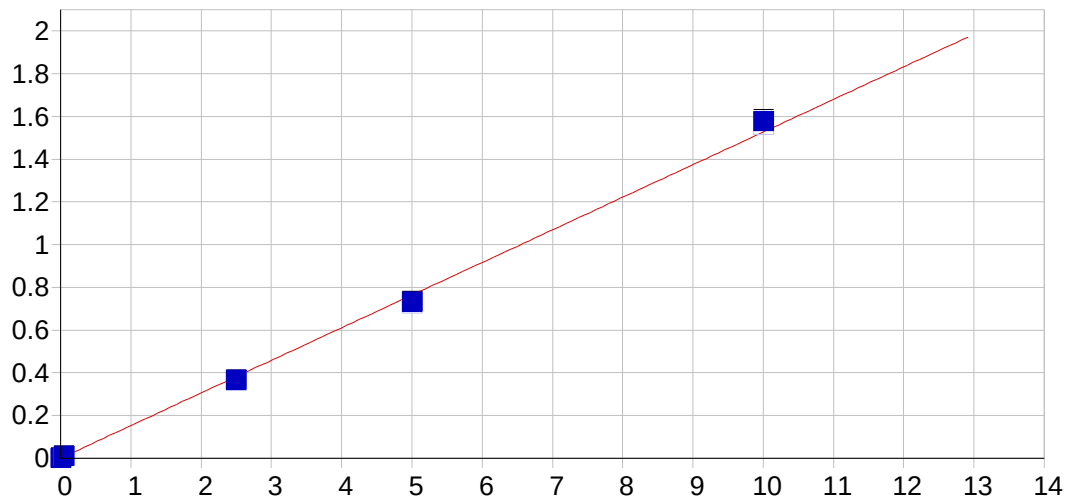
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.058325 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999330
 Std Error of Est: 0.000052
 Predicted MDL: 0.003189
 Predicted MQL: 0.010631

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.02000	.02167	.002	8.34	.00112	.000	1
S3	2.5000	2.3926	-.107	-4.29	.13939	.000	1
S4	5.0000	4.7903	-.210	-4.19	.27922	.001	1
S5	10.000	10.315	.315	3.15	.60143	.001	1



Sb 206.833 {463}

Date of Fit: 11/5/2018 11:22:55

Type of Fit: Linear

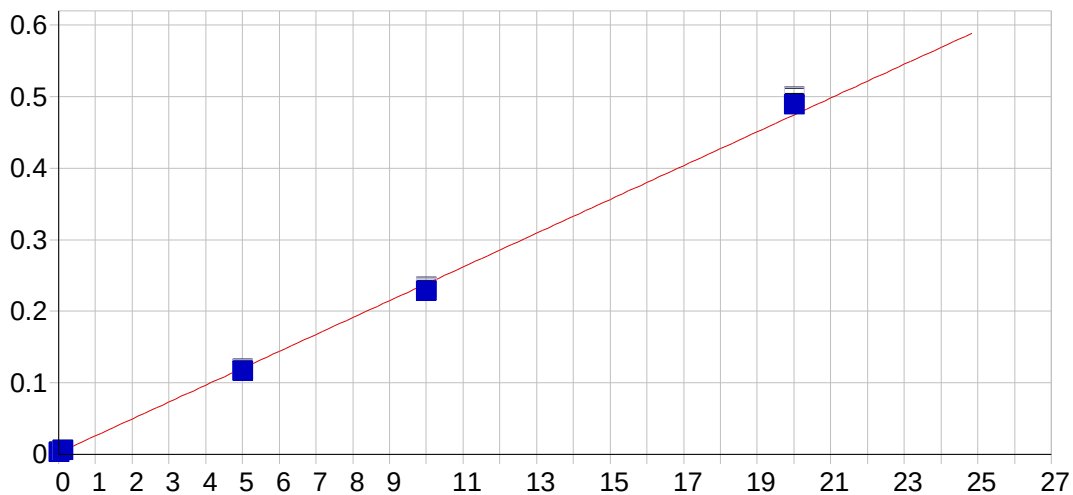
Weighting: 1/Conc

A0 (Offset): 0.000630
 A1 (Gain): 0.152671
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999285
 Std Error of Est: 0.000218
 Predicted MDL: 0.001681
 Predicted MQL: 0.005602

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	.00063	.000	1
S1	.05000	.05336	.003	6.73	.00859	.000	1
S3	2.5000	2.3859	-.114	-4.56	.36060	.001	1
S4	5.0000	4.7899	-.210	-4.20	.72333	.001	1
S5	10.000	10.321	.321	3.21	1.5592	.007	1

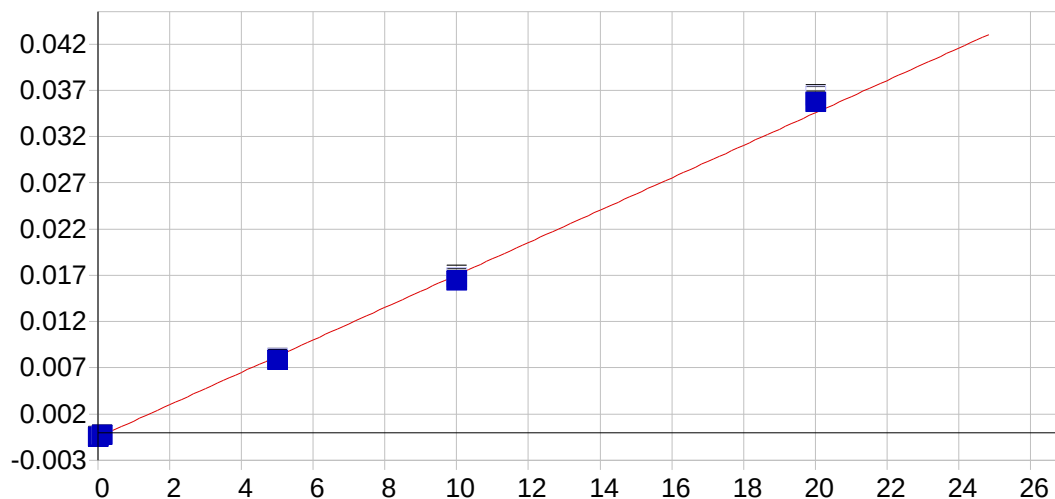


AI 308.215 {109}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002383 Re-Slope: 1.000000
 A1 (Gain): 0.023605 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999383 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.003539
 Predicted MQL: 0.011798

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00238	.000	1
S1	.10000	.10805	.008	8.05	.00510	.000	1
S3	5.0000	4.8169	-.183	-3.66	.11844	.000	1
S4	10.000	9.5635	-.436	-4.36	.23283	.001	1
S5	20.000	20.611	.611	3.06	.49831	.001	1



AI 309.271 {109}

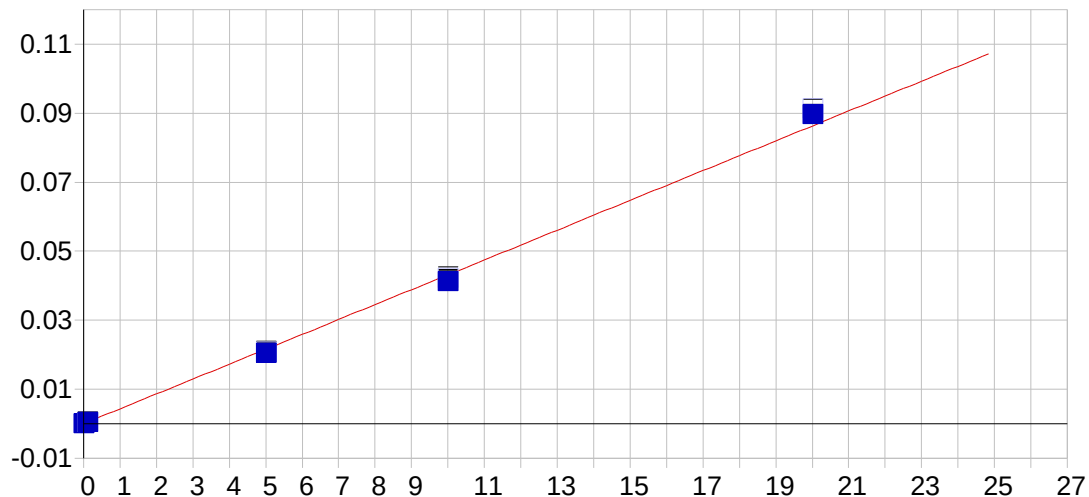
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000498 Re-Slope: 1.000000
 A1 (Gain): 0.001752 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999311
 Std Error of Est: 0.000005
 Predicted MDL: 0.031323
 Predicted MQL: 0.104410

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00050	.000	1
S1	.10000	.09645	-.004	-3.55	-.00032	.000	1
S3	5.0000	4.7324	-.268	-5.35	.00797	.000	1
S4	10.000	9.6181	-.382	-3.82	.01671	.000	1
S5	20.000	20.653	.653	3.27	.03639	.000	1

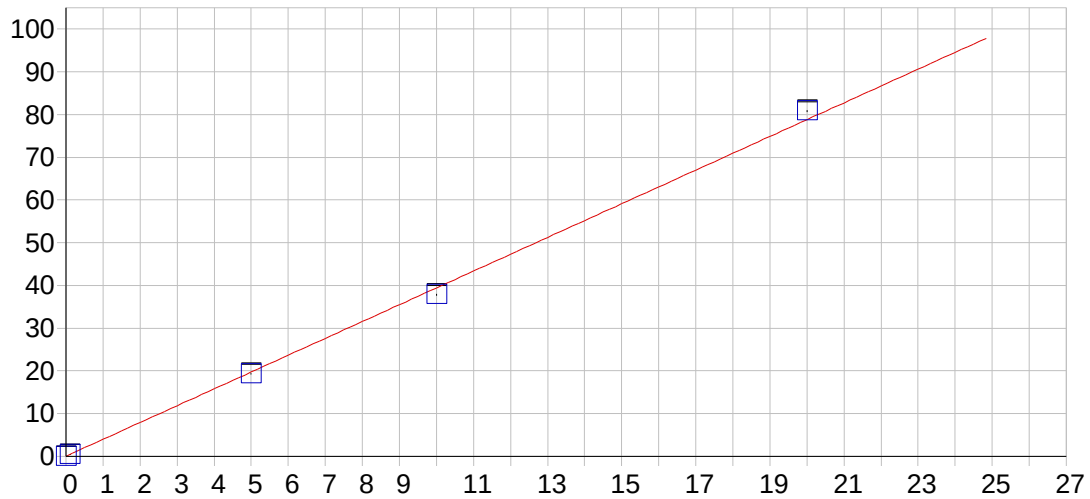


AI 396.152 { 85}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.004315 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999121 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.016941
 Predicted MQL: 0.056469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00002	.000	1
S1	.10000	.08682	-.013	-13.2	.00042	.000	1
S3	5.0000	4.7352	-.265	-5.30	.02088	.000	1
S4	10.000	9.5394	-.461	-4.61	.04204	.000	1
S5	20.000	20.739	.739	3.70	.09122	.000	1

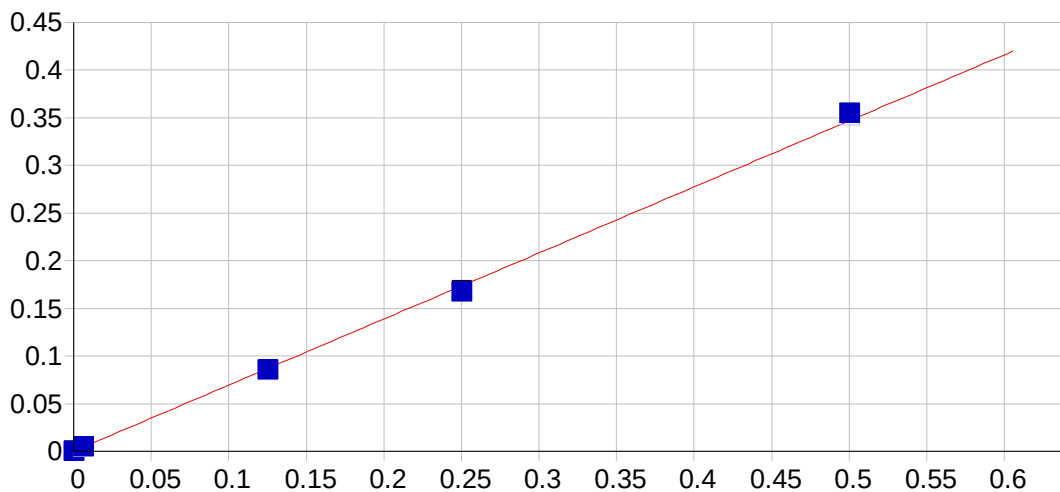


Ba 493.409 { 68}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.058496 Re-Slope: 1.000000
 A1 (Gain): 3.937859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999546 Status: OK.
 Std Error of Est: 0.009073
 Predicted MDL: 0.000831
 Predicted MQL: 0.002769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05849	.001	1
S1	.10000	.10451	.005	4.51	.47005	.000	1
S3	5.0000	4.8858	-.114	-2.28	19.298	.142	1
S5	20.000	20.510	.510	2.55	80.825	.222	1
S4	10.000	9.5993	-.401	-4.01	37.859	.218	1



Be 234.861 {144}

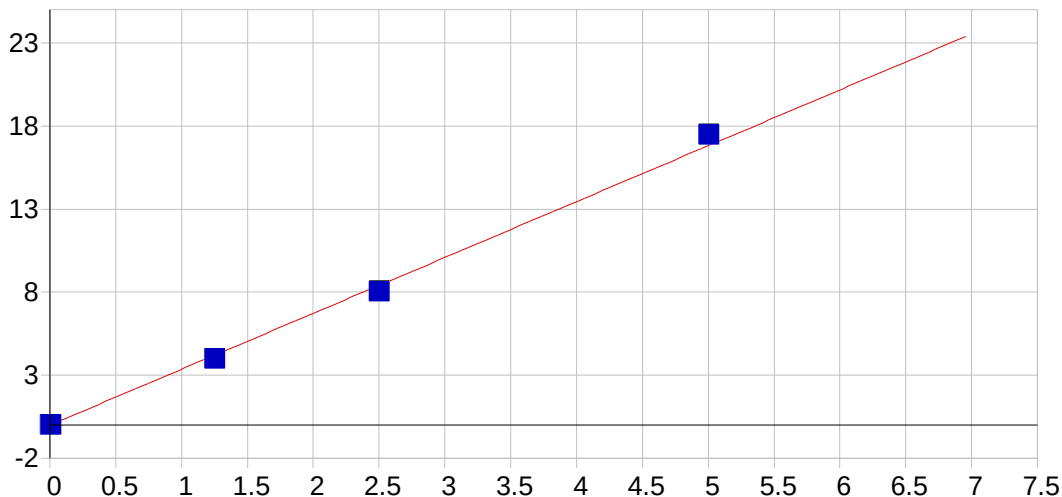
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.693239 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662
 Std Error of Est: 0.000053
 Predicted MDL: 0.000073
 Predicted MQL: 0.000244

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00600	.00611	.000	1.81	.00435	.000	1
S3	.12500	.12240	-.003	-2.08	.08447	.000	1
S4	.25000	.24149	-.009	-3.40	.16648	.001	1
S5	.50000	.51100	.011	2.20	.35223	.000	1



Cd 226.502 {449}

Date of Fit: 11/5/2018 11:22:55

Type of Fit: Linear

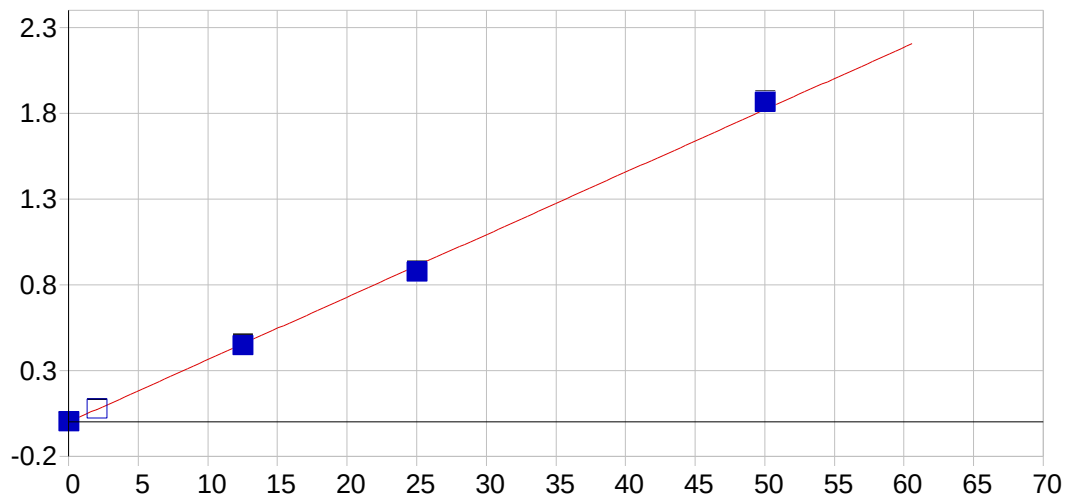
Weighting: 1/Conc

A0 (Offset): -0.000712
 A1 (Gain): 3.362480
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999055
 Std Error of Est: 0.001368
 Predicted MDL: 0.000090
 Predicted MQL: 0.000298

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	-.00071	.000	1
S1	.00600	.00577	-.000	-3.86	.01872	.000	1
S3	1.2500	1.1765	-.073	-5.88	3.9562	.010	1
S4	2.5000	2.3860	-.114	-4.56	8.0241	.015	1
S5	5.0000	5.1877	.188	3.75	17.447	.058	1

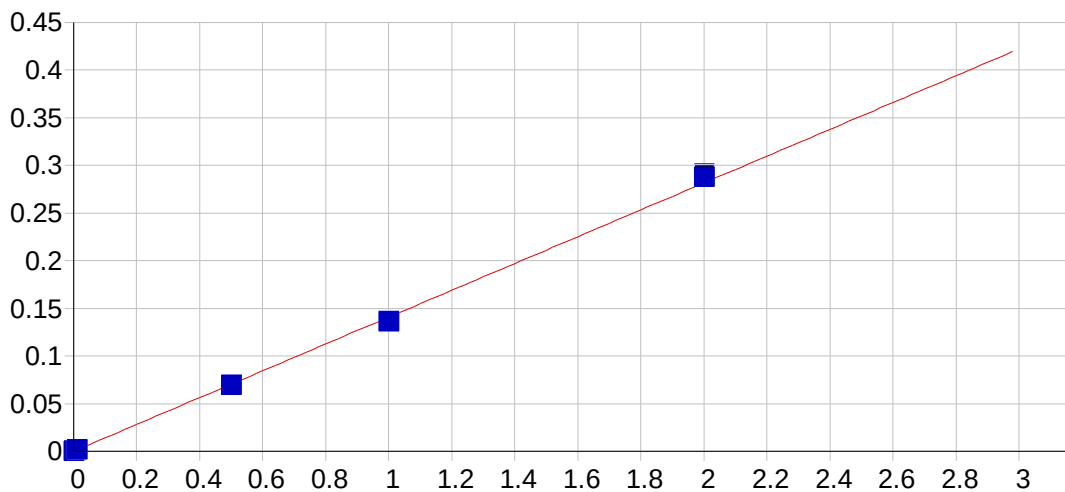


Ca 373.690 { 90}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.036407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999578 Status: OK.
 Std Error of Est: 0.000578
 Predicted MDL: 0.025444
 Predicted MQL: 0.084813

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0401	.040	2.00	.07441	.000	1
S0	.00000	.00003	.000	.000	.00014	.001	1
S3	12.500	12.254	-.246	-1.97	.44649	.008	1
S4	25.000	23.993	-1.01	-4.03	.87414	.003	1
S5	50.000	51.213	1.21	2.43	1.8656	.003	1



Cr 267.716 {126}

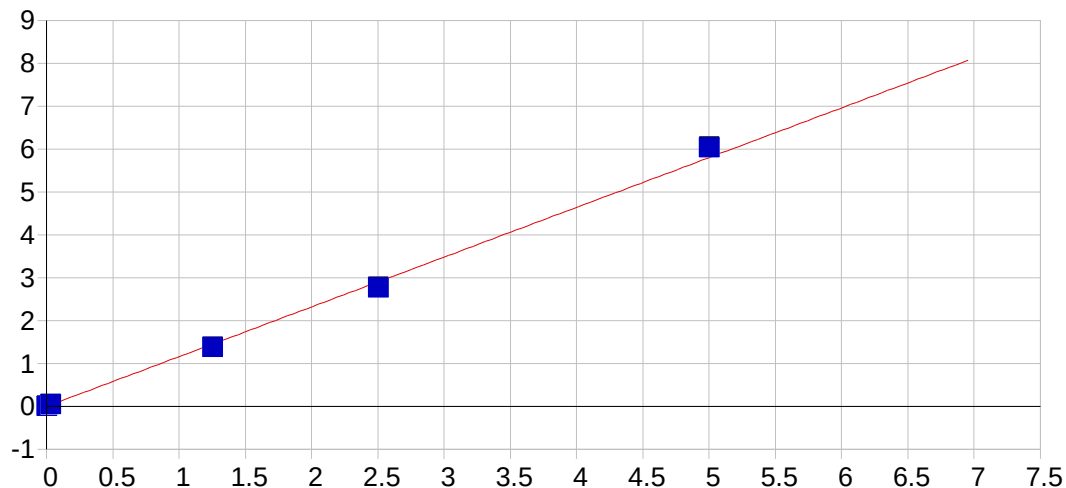
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.140751 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999661
 Std Error of Est: 0.000028
 Predicted MDL: 0.000488
 Predicted MQL: 0.001625

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	.01049	.000	4.92	.00155	.000	1
S3	.50000	.49198	-.008	-1.60	.06984	.000	1
S4	1.0000	.96380	-.036	-3.62	.13677	.000	1
S5	2.0000	2.0437	.044	2.19	.28983	.001	1

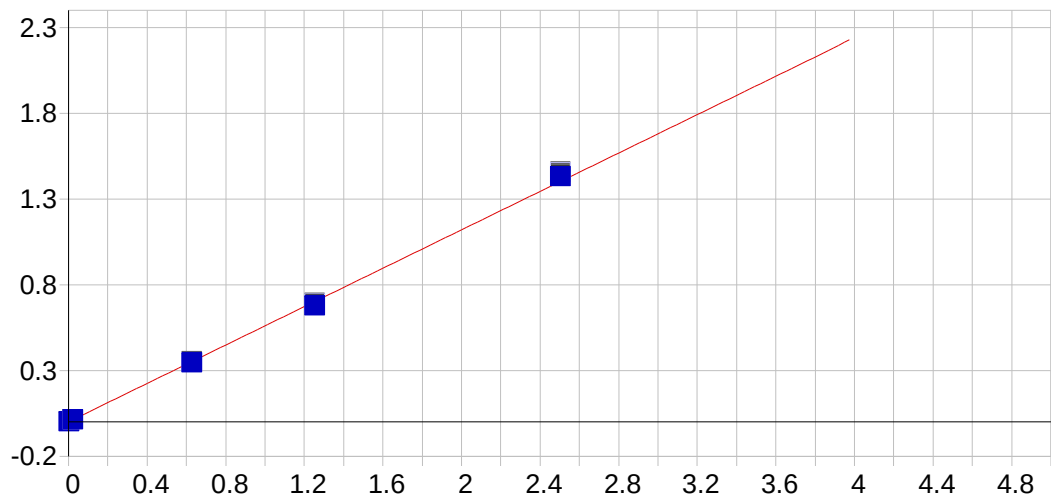


Co 228.616 {447}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000192 Re-Slope: 1.000000
 A1 (Gain): 1.160608 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999019 Status: OK.
 Std Error of Est: 0.001078
 Predicted MDL: 0.000235
 Predicted MQL: 0.000784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.03000	.03239	.002	7.97	.03716	.000	1
S3	1.2500	1.1776	-.072	-5.79	1.3677	.001	1
S4	2.5000	2.3805	-.119	-4.78	2.7649	.008	1
S5	5.0000	5.1895	.190	3.79	6.0274	.022	1

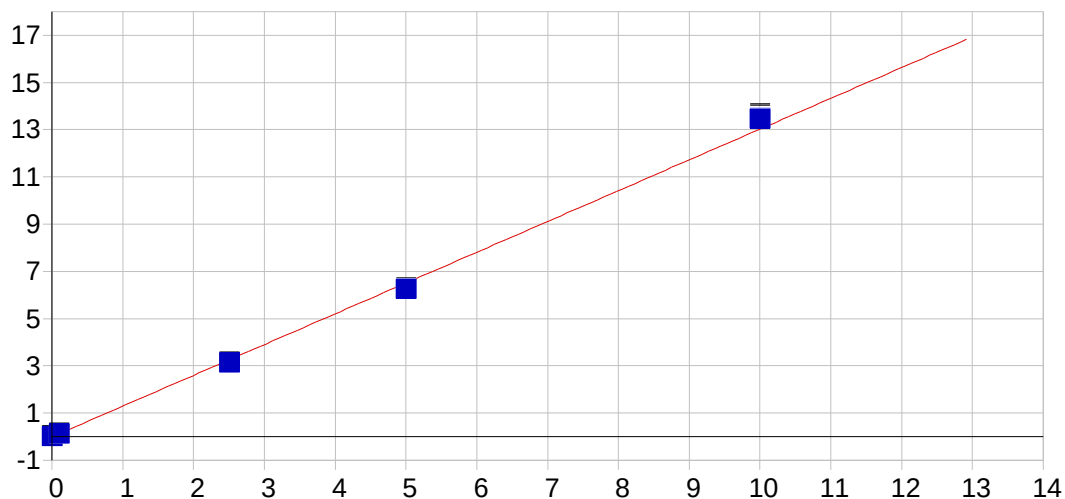


Cu 224.700 {450}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000314 Re-Slope: 1.000000
 A1 (Gain): 0.560458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.000540
 Predicted MQL: 0.001799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.02000	.02108	.001	5.38	.01167	.000	1
S3	.62500	.61366	-.011	-1.81	.34914	.001	1
S4	1.2500	1.2077	-.042	-3.39	.68758	.002	1
S5	2.5000	2.5526	.053	2.10	1.4524	.006	1



Fe 240.488 {140}

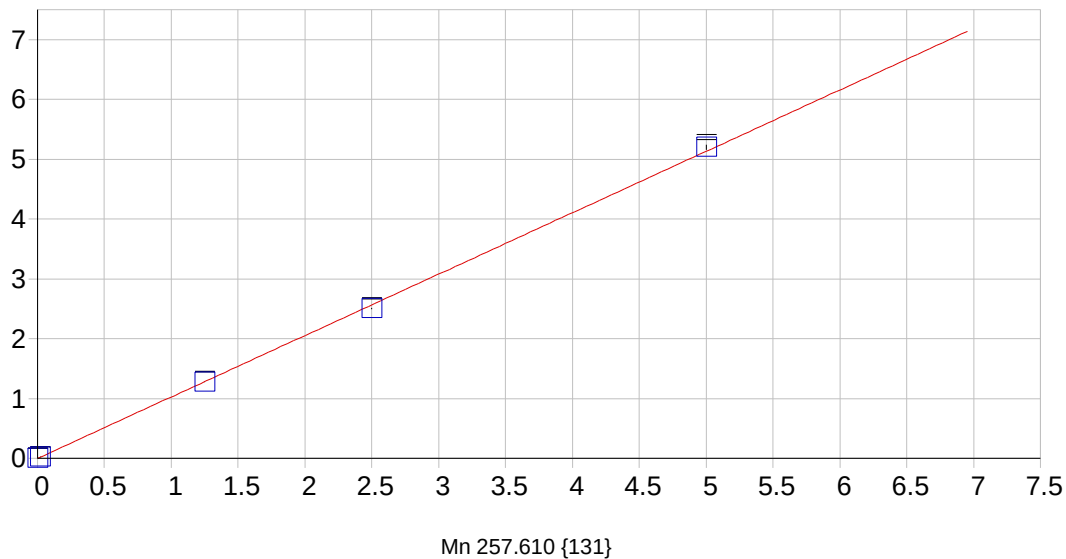
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009875 Re-Slope: 1.000000
 A1 (Gain): 1.303513 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999346
 Std Error of Est: 0.002565
 Predicted MDL: 0.008839
 Predicted MQL: 0.029464

Status: OK.

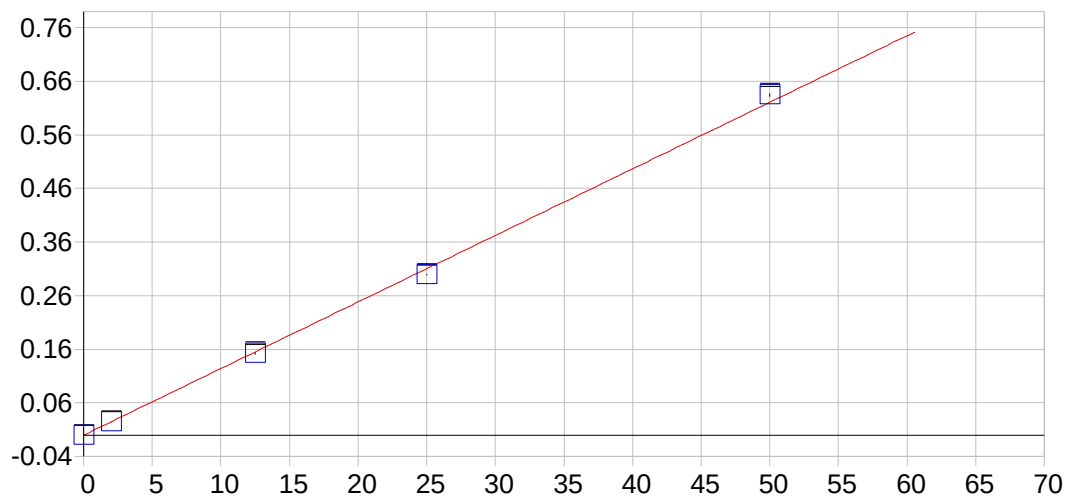
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00987	.026	1
S1	.10000	.09789	-.002	-2.11	.11836	.020	1
S3	2.5000	2.3985	-.101	-4.06	3.1330	.027	1
S4	5.0000	4.7870	-.213	-4.26	6.2628	.041	1
S5	10.000	10.317	.317	3.17	13.504	.169	1



Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 1.026318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000307
 Predicted MDL: 0.000065
 Predicted MQL: 0.000218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.02000	.02263	.003	13.2	.02328	.000	1
S3	1.2500	1.2455	-.005	-.361	1.2783	.003	1
S4	2.5000	2.4385	-.062	-2.46	2.5027	.008	1
S5	5.0000	5.0634	.063	1.27	5.1967	.043	1

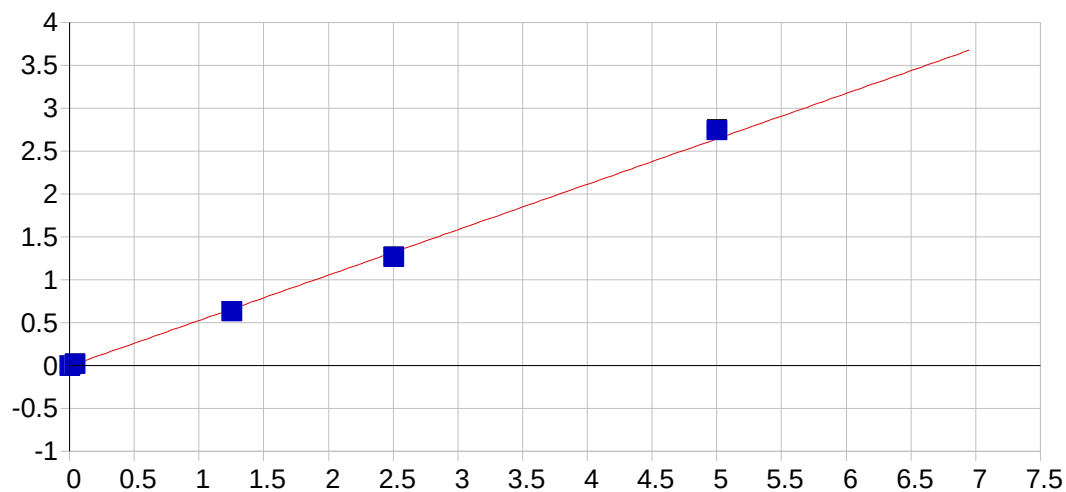


Mg 279.079 {121}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.012422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.041597
 Predicted MQL: 0.138656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0404	.040	2.02	.02508	.000	1
S0	.00000	.00002	.000	.000	-.00027	.000	1
S3	12.500	12.281	-.219	-1.75	.15229	.002	1
S4	25.000	24.099	-.901	-3.60	.29910	.001	1
S5	50.000	51.080	1.08	2.16	.63426	.003	1



Ni 231.604 {445}

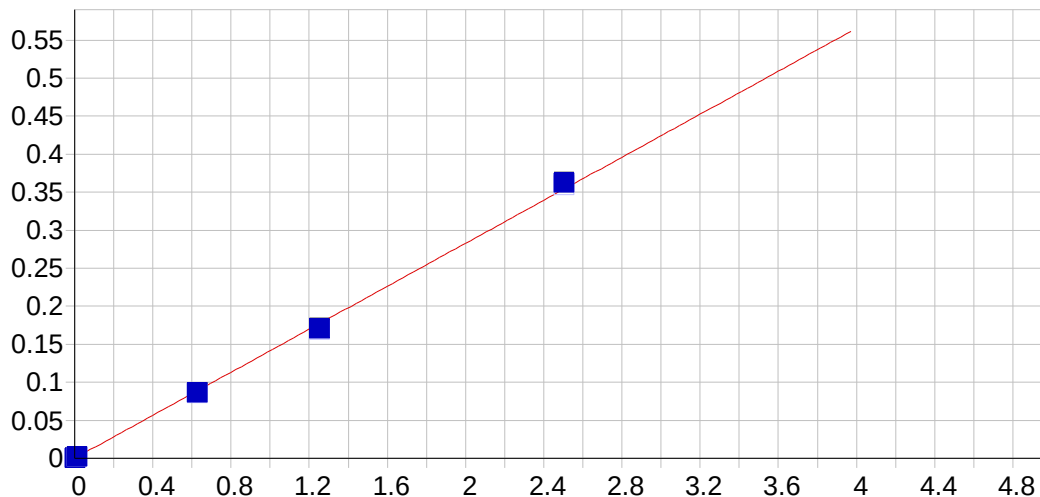
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004912 Re-Slope: 1.000000
 A1 (Gain): 0.529644 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999171
 Std Error of Est: 0.000523
 Predicted MDL: 0.000477
 Predicted MQL: 0.001589

Status: OK.

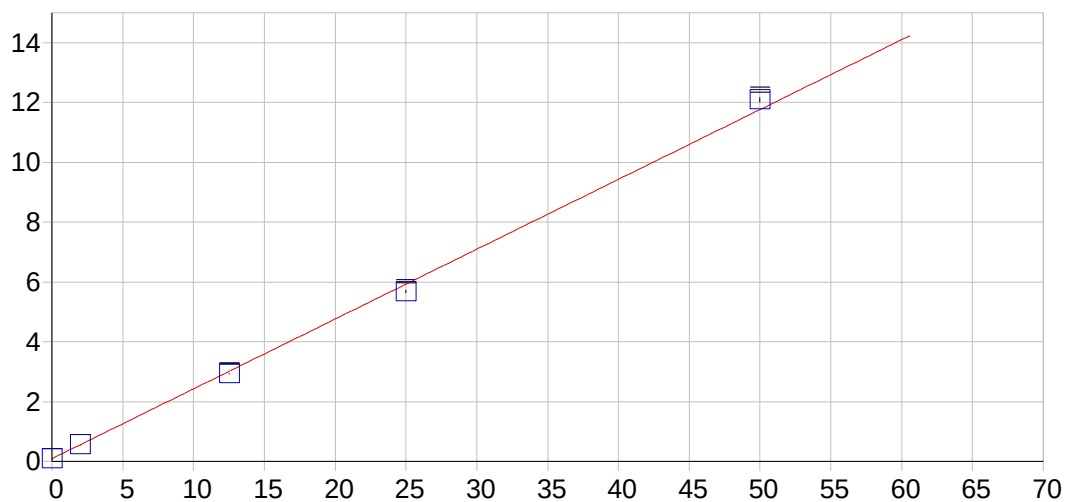
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00491	.000	1
S1	.04000	.04220	.002	5.50	.01745	.000	1
S3	1.2500	1.1860	-.064	-5.12	.62395	.001	1
S4	2.5000	2.3870	-.113	-4.52	1.2608	.003	1
S5	5.0000	5.1749	.175	3.50	2.7388	.009	1



Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.141362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999583 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000697
 Predicted MQL: 0.002325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.00998	-.000	-.189	.00147	.000	1
S3	.62500	.60881	-.016	-2.59	.08515	.000	1
S4	1.2500	1.2047	-.045	-3.63	.16838	.001	1
S5	2.5000	2.5615	.062	2.46	.35818	.000	1

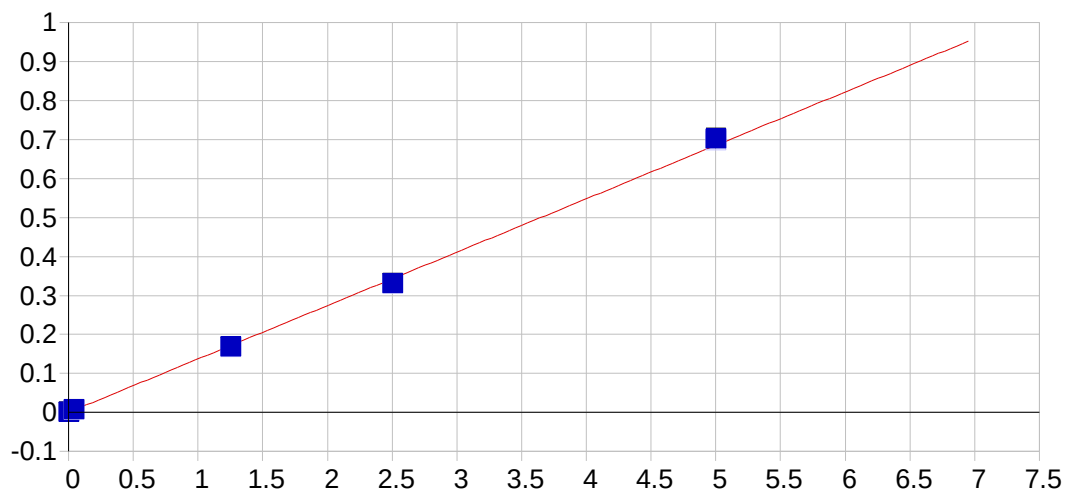


Na 589.592 { 57}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.090730 Re-Slope: 1.000000
 A1 (Gain): 0.233486 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.004111
 Predicted MDL: 0.012824
 Predicted MQL: 0.042745

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0031	.003	.157	.55843	.001	1
S0	.00000	.00008	.000	.000	.09075	.003	1
S3	12.500	12.177	-.323	-2.59	2.9338	.020	1
S4	25.000	23.928	-1.07	-4.29	5.6775	.047	1
S5	50.000	51.392	1.39	2.78	12.090	.087	1



V 292.402 {115}

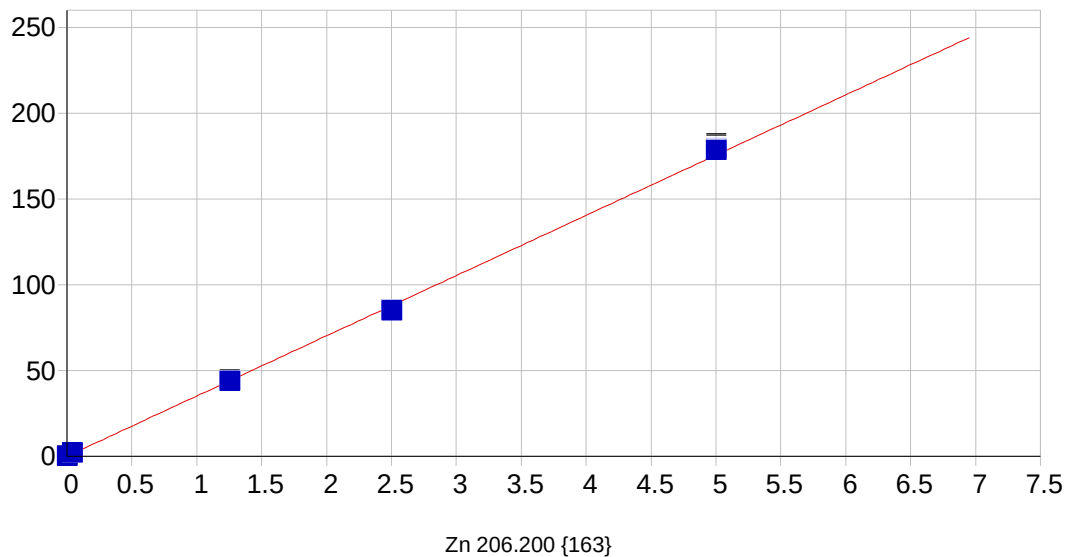
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.137078 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999594
 Std Error of Est: 0.000094
 Predicted MDL: 0.000570
 Predicted MQL: 0.001901

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04394	.004	9.86	.00591	.000	1
S3	1.2500	1.2188	-.031	-2.50	.16592	.001	1
S4	2.5000	2.4109	-.089	-3.56	.32822	.001	1
S5	5.0000	5.1164	.116	2.33	.69684	.002	1



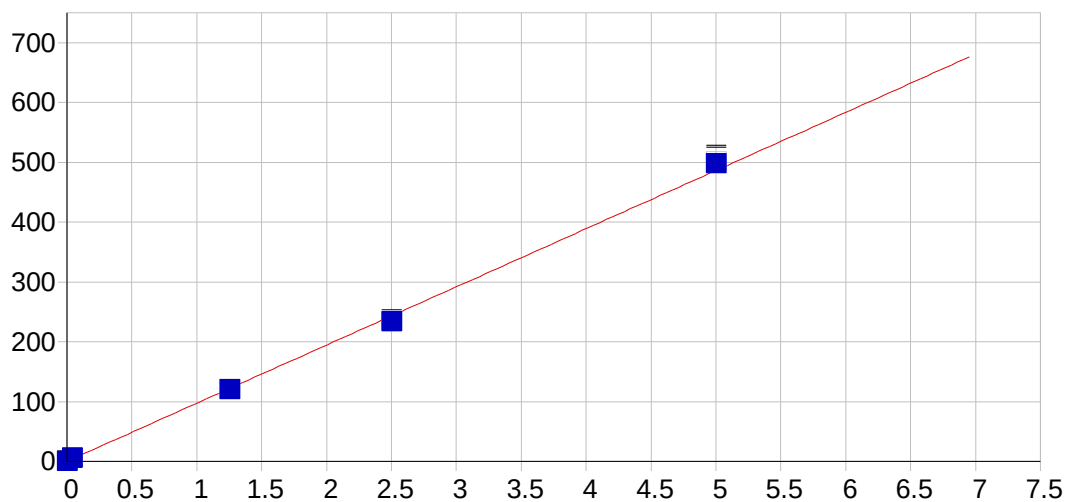
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027875
 A1 (Gain): 35.104626
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999623
 Std Error of Est: 0.023483
 Predicted MDL: 0.000448
 Predicted MQL: 0.001492

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	.02757	.022	1
S1	.04000	.04947	.009	23.7	1.7737	.044	1
S3	1.2500	1.2441	-.006	-.468	43.968	.368	1
S4	2.5000	2.4127	-.087	-3.49	85.256	.243	1
S5	5.0000	5.0837	.084	1.67	179.55	2.64	1

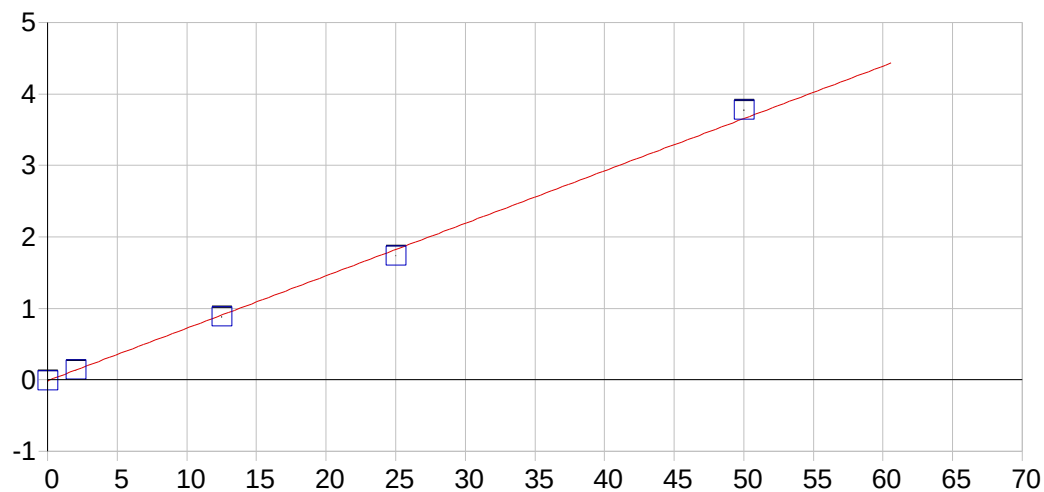


Zn 213.856 {458}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.069411 Re-Slope: 1.000000
 A1 (Gain): 97.236642 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999501 Status: OK.
 Std Error of Est: 0.074818
 Predicted MDL: 0.000083
 Predicted MQL: 0.000278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06869	.001	1
S1	.04000	.04882	.009	22.1	4.8421	.106	1
S3	1.2500	1.2270	-.023	-1.84	120.11	.201	1
S4	2.5000	2.4007	-.099	-3.97	234.97	1.32	1
S5	5.0000	5.1135	.113	2.27	500.23	10.9	1



K 766.490 {44}

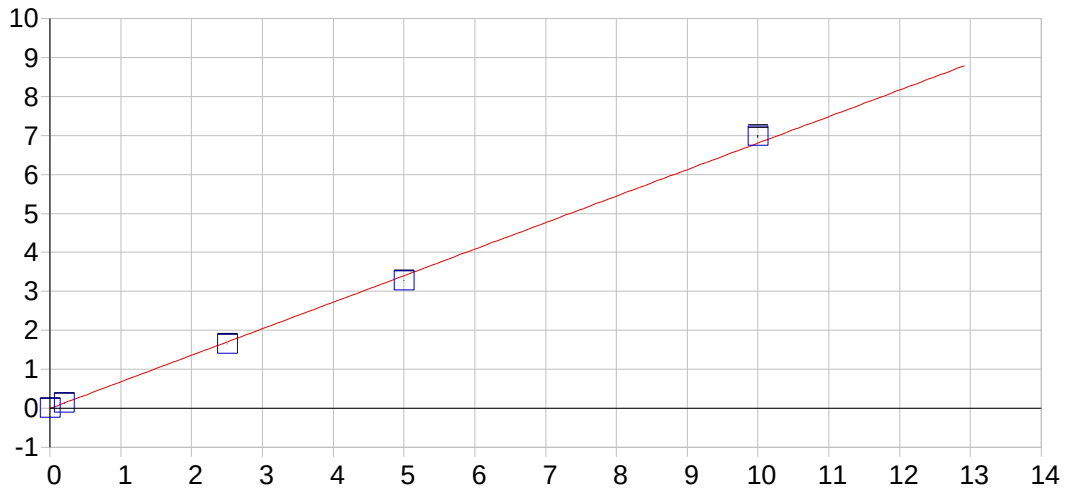
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012086 Re-Slope: 1.000000
 A1 (Gain): 0.073373 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999338
 Std Error of Est: 0.001457
 Predicted MDL: 0.044567
 Predicted MQL: 0.148557

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9757	-.024	-1.22	.13287	.001	1
S0	.00000	.00011	.000	.000	-.01208	.003	1
S3	12.500	12.147	-.353	-2.82	.87919	.008	1
S4	25.000	23.794	-1.21	-4.82	1.7338	.003	1
S5	50.000	51.583	1.58	3.17	3.7727	.005	1



Mo 202.030 {467}

Date of Fit: 11/5/2018 11:22:55

Type of Fit: Linear

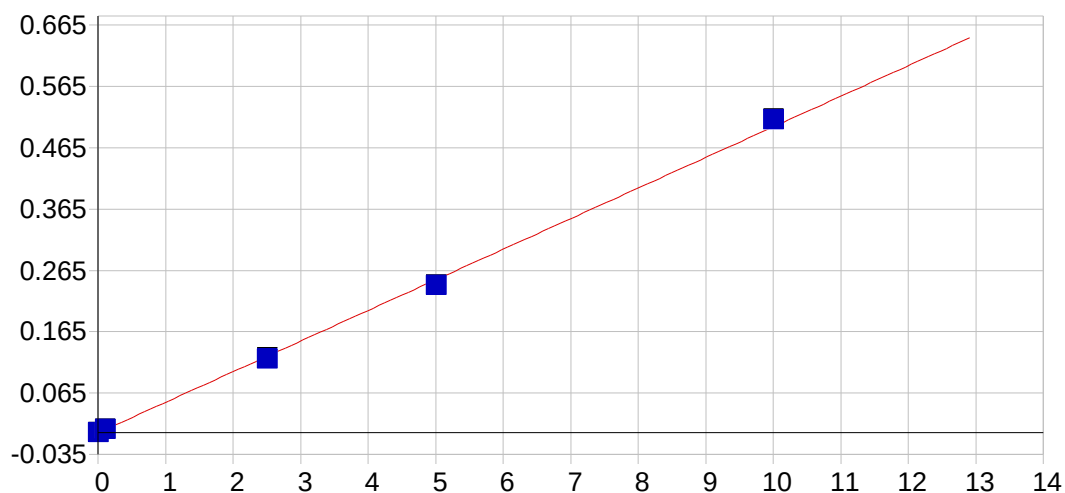
Weighting: 1/Conc

A0 (Offset): -0.000044
 A1 (Gain): 0.680432
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999543
 Std Error of Est: 0.001580
 Predicted MDL: 0.000304
 Predicted MQL: 0.001012

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	.20000	.20600	.006	3.00	.14012	.000	1
S3	2.5000	2.4229	-.077	-3.08	1.6486	.004	1
S4	5.0000	4.8132	-.187	-3.74	3.2750	.007	1
S5	10.000	10.258	.258	2.58	6.9797	.028	1

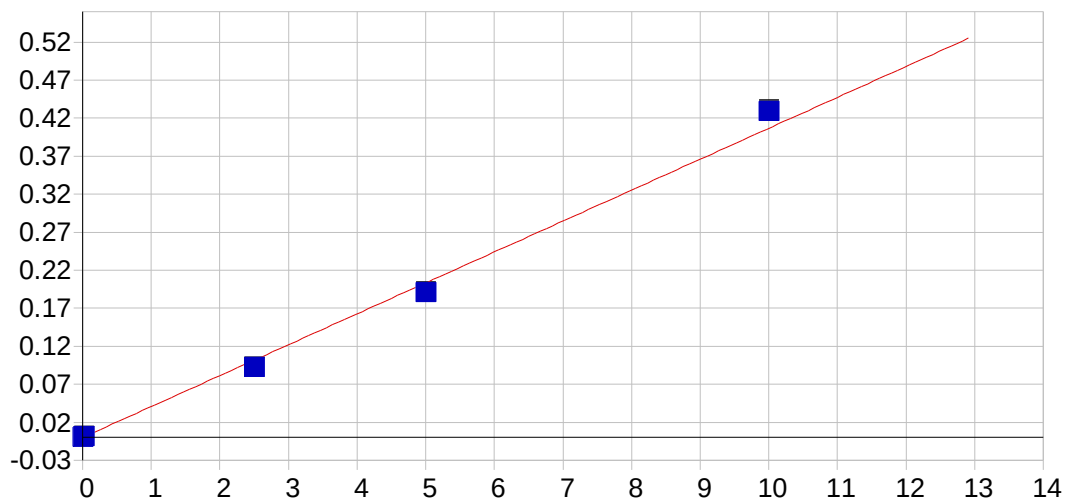


B 249.678 {135}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.049911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.008886
 Predicted MQL: 0.029619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00007	.000	1
S1	.10000	.11007	.010	10.1	.00554	.000	1
S3	2.5000	2.4218	-.078	-3.13	.12065	.002	1
S4	5.0000	4.8245	-.175	-3.51	.24028	.001	1
S5	10.000	10.244	.244	2.44	.51017	.001	1



S 182.034 {485}

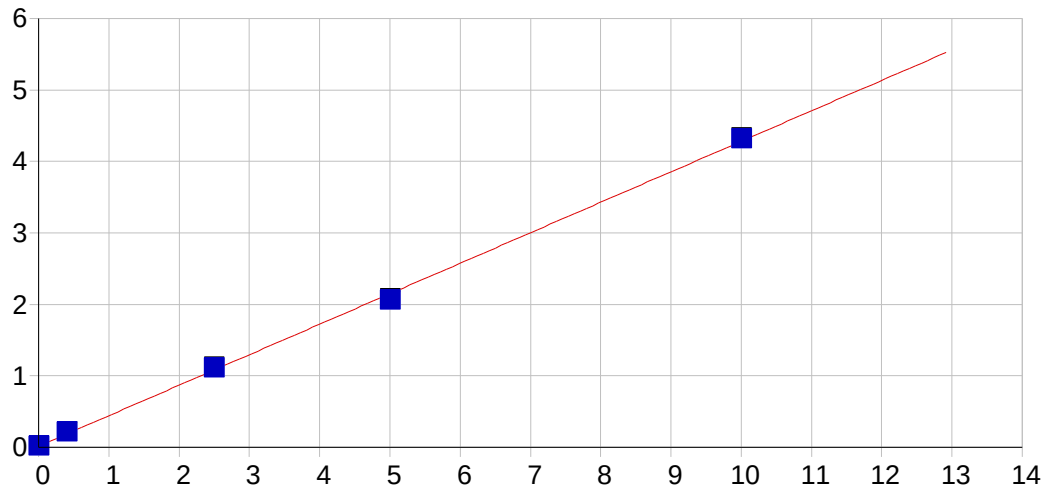
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.040662 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997930
 Std Error of Est: 0.000063
 Predicted MDL: 0.003152
 Predicted MQL: 0.010507

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.02000	.02248	.002	12.4	.00089	.000	1
S3	2.5000	2.2640	-.236	-9.44	.09195	.000	1
S4	5.0000	4.6847	-.315	-6.31	.19026	.000	1
S5	10.000	10.549	.549	5.49	.42848	.002	1



Si 288.158 {117}

Date of Fit: 11/5/2018 11:22:55

Type of Fit: Linear

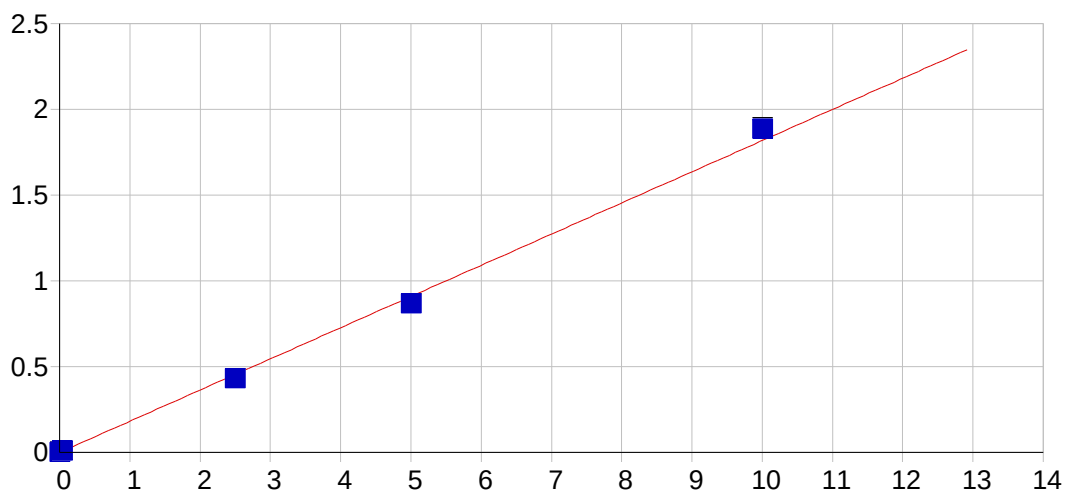
Weighting: 1/Conc

A0 (Offset): 0.016137
 A1 (Gain): 0.426525
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999466
 Std Error of Est: 0.001521
 Predicted MDL: 0.002959
 Predicted MQL: 0.009862

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	.01611	.000	1
S1	.40000	.45630	.056	14.1	.21062	.001	1
S3	2.5000	2.5610	.061	2.44	1.1079	.013	1
S4	5.0000	4.7901	-.210	-4.20	2.0581	.021	1
S5	10.000	10.093	.093	.926	4.3186	.006	1

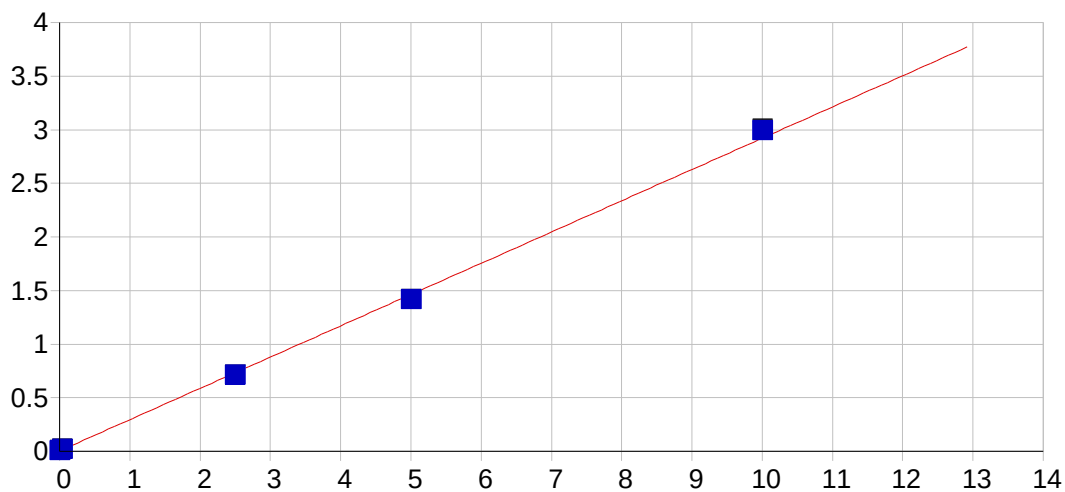


Sn 189.989 {477}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000185 Re-Slope: 1.000000
 A1 (Gain): 0.181784 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999101 Status: OK.
 Std Error of Est: 0.000264
 Predicted MDL: 0.000733
 Predicted MQL: 0.002445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.04000	.04199	.002	4.96	.00782	.000	1
S3	2.5000	2.3691	-.131	-5.24	.43092	.000	1
S4	5.0000	4.7630	-.237	-4.74	.86618	.000	1
S5	10.000	10.366	.366	3.66	1.8849	.006	1



Ti 336.121 {100}

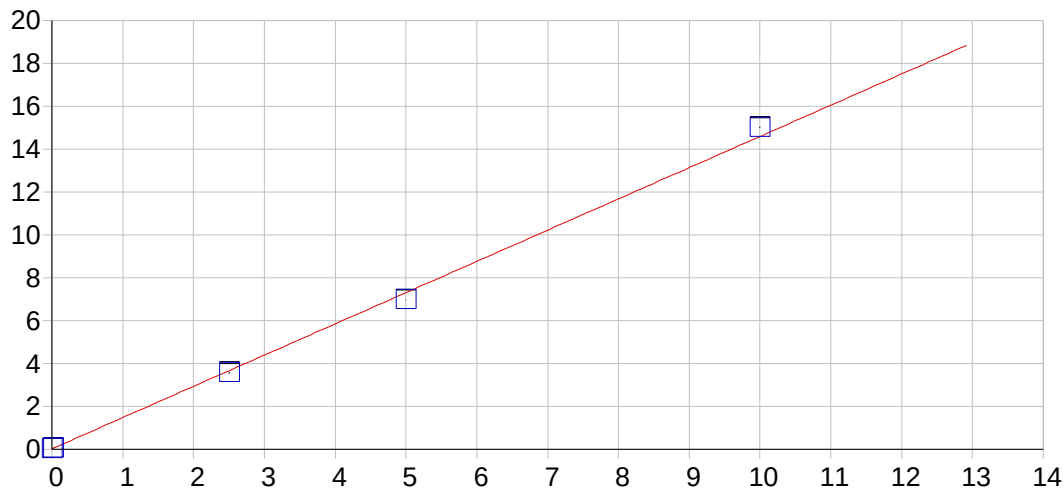
Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003742 Re-Slope: 1.000000
 A1 (Gain): 0.291684 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999586
 Std Error of Est: 0.000287
 Predicted MDL: 0.002434
 Predicted MQL: 0.008113

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00374	.000	1
S1	.04000	.04047	.000	1.17	.01554	.000	1
S3	2.5000	2.4157	-.084	-3.37	.70826	.003	1
S4	5.0000	4.8347	-.165	-3.31	1.4138	.002	1
S5	10.000	10.249	.249	2.49	2.9929	.011	1



Li 670.784 { 50}

Date of Fit: 11/5/2018 11:22:55

Type of Fit: Linear

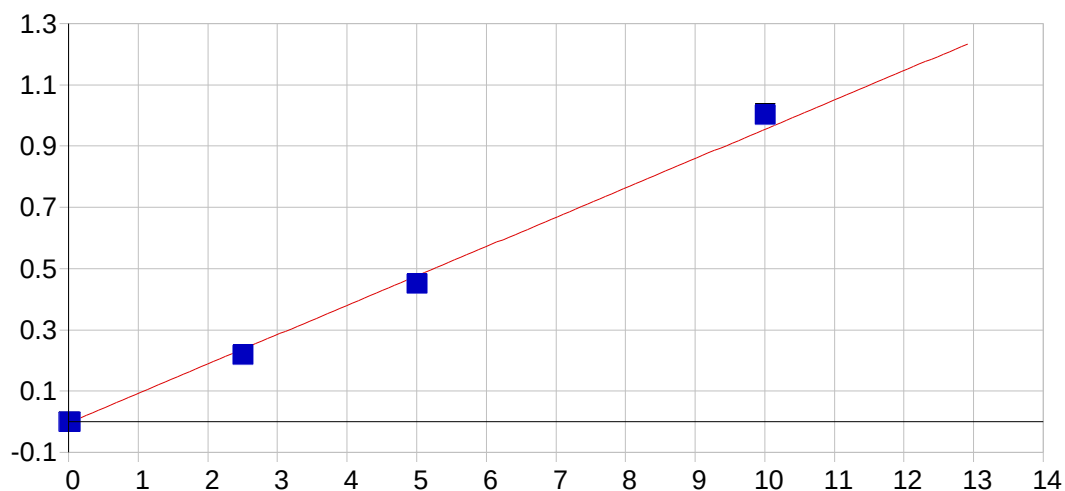
Weighting: 1/Conc

A0 (Offset): 0.022507
 A1 (Gain): 1.456978
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999408
 Std Error of Est: 0.001211
 Predicted MDL: 0.002134
 Predicted MQL: 0.007114

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	.02251	.001	1
S1	.02000	.02009	.000	.467	.05178	.002	1
S3	2.5000	2.4383	-.062	-2.47	3.5750	.041	1
S4	5.0000	4.7690	-.231	-4.62	6.9708	.021	1
S5	10.000	10.293	.293	2.93	15.019	.027	1

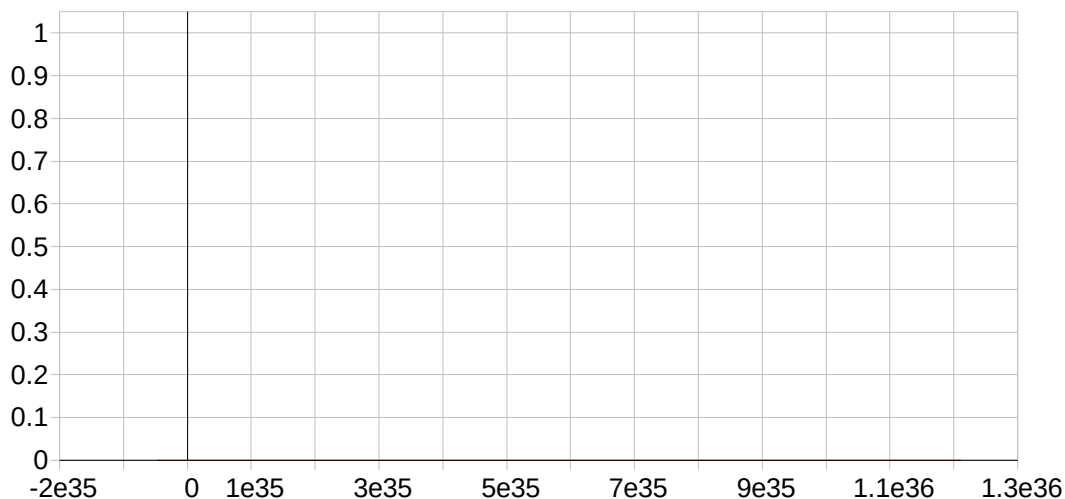


P 177.495 {490}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002830 Re-Slope: 1.000000
 A1 (Gain): 0.095765 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998397 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.001546
 Predicted MQL: 0.005153

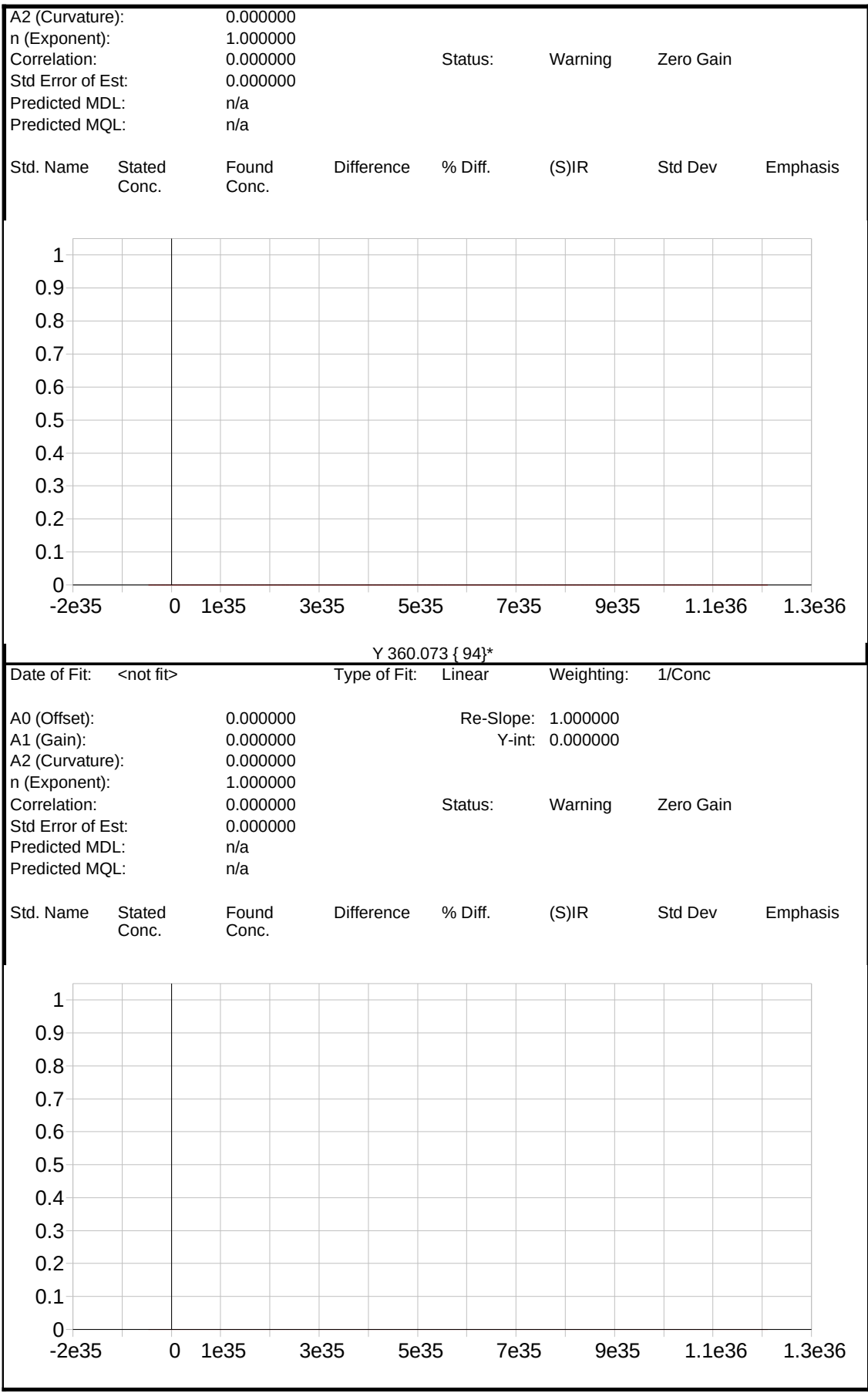
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00283	.000	1
S1	.02000	.01851	-.001	-7.47	-.00106	.000	1
S3	2.5000	2.2934	-.207	-8.27	.21645	.001	1
S4	5.0000	4.7227	-.277	-5.55	.44874	.000	1
S5	10.000	10.485	.485	4.85	.99992	.004	1

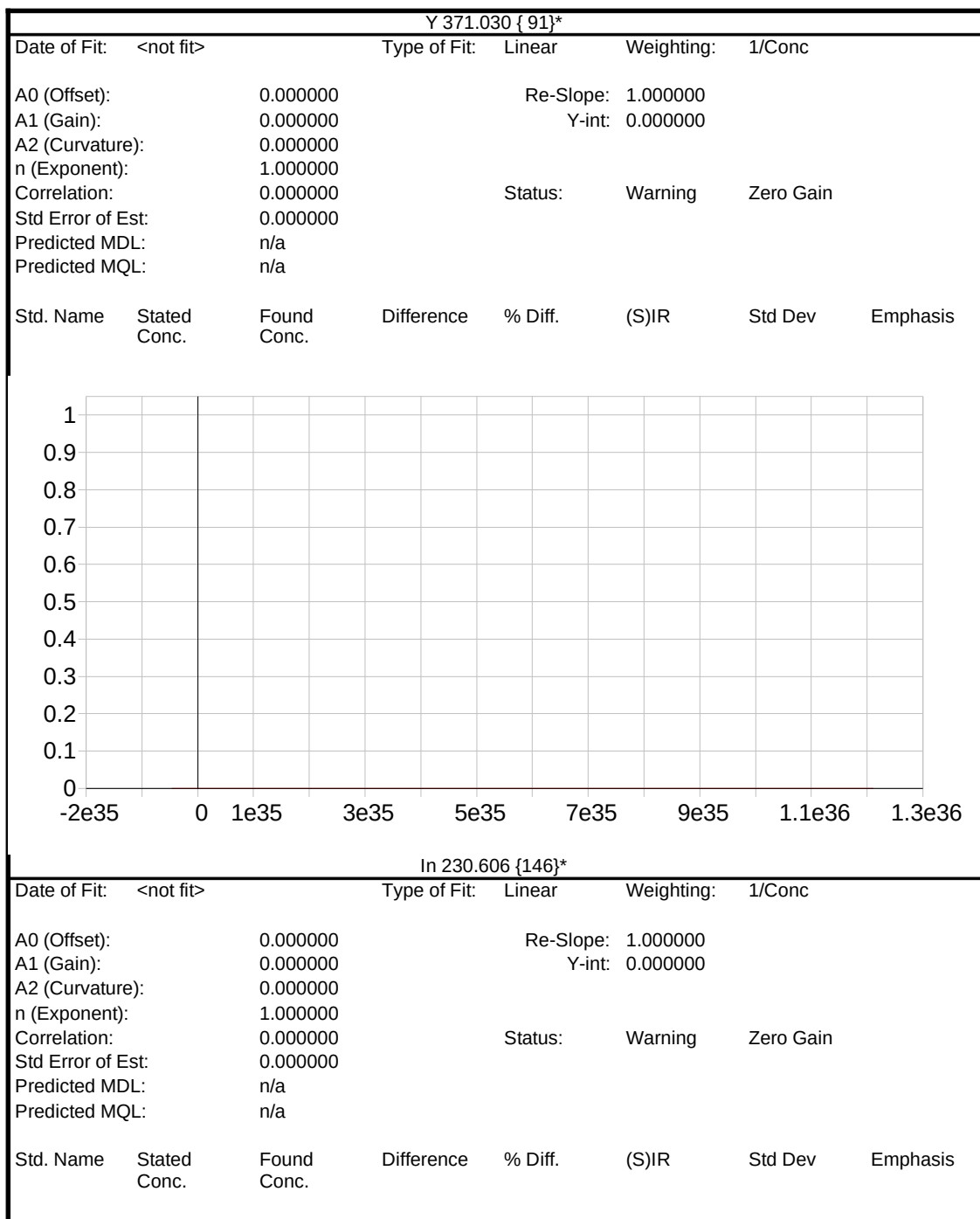


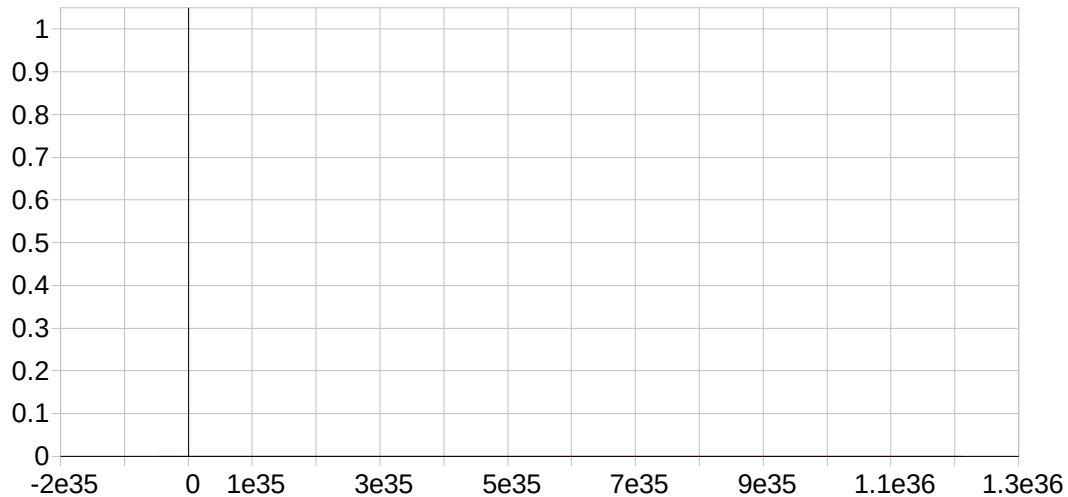
Y 224.306 {450}*

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

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



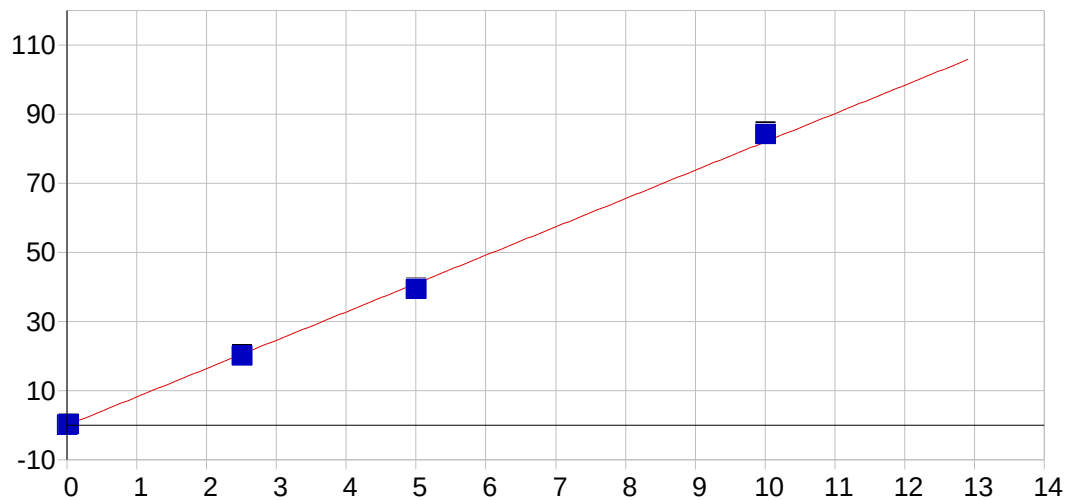




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

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

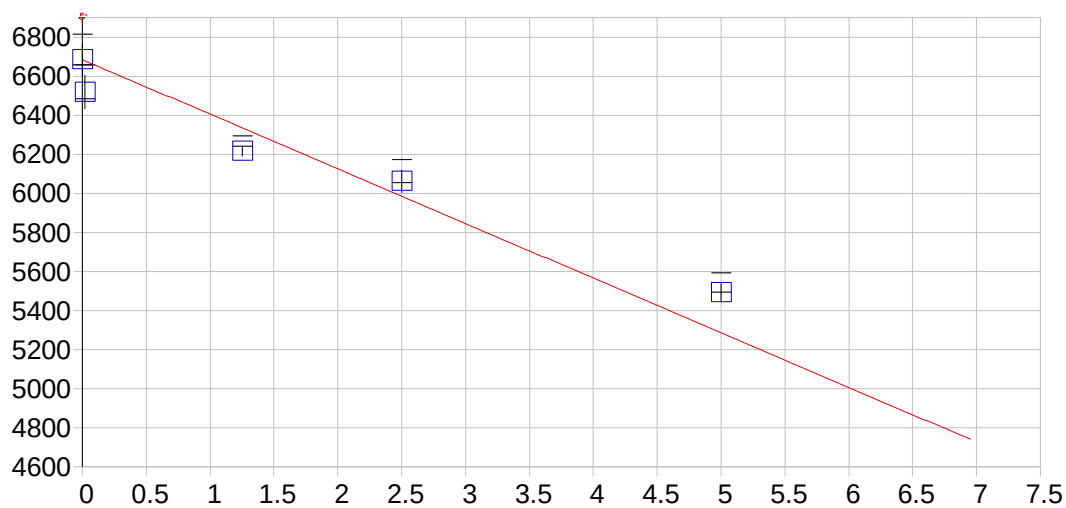


Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005200 Re-Slope: 1.000000
 A1 (Gain): 8.198993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999545 Status: OK.
 Std Error of Est: 0.005985
 Predicted MDL: 0.000152

Predicted MQL: 0.000505

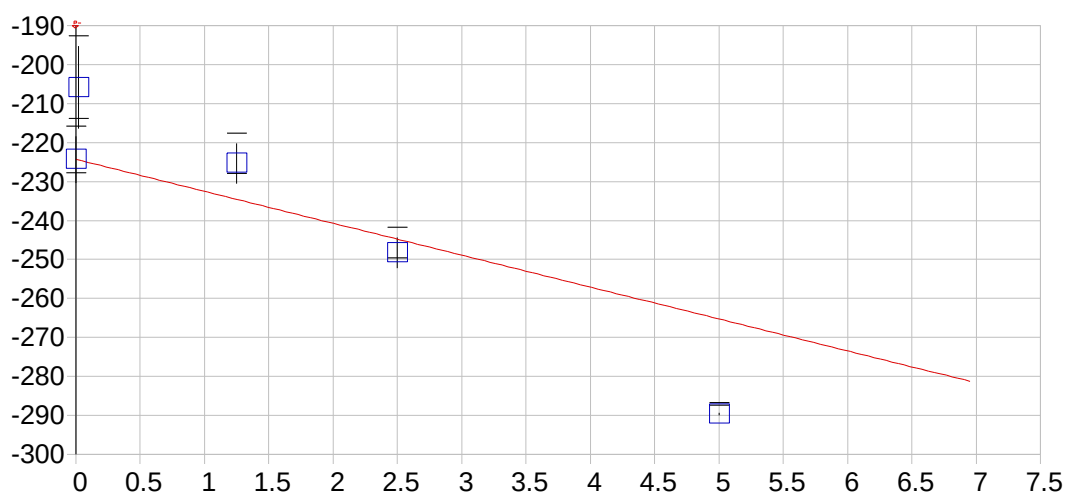
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00520	.000	1
S1	.02000	.02071	.001	3.55	.16551	.001	1
S3	2.5000	2.4459	-.054	-2.16	20.072	.247	1
S4	5.0000	4.7970	-.203	-4.06	39.371	.168	1
S5	10.000	10.256	.256	2.56	84.176	.612	1



Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 6684.658596 Re-Slope: 1.000000
A1 (Gain): -279.722772 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.584737 Status: Warning Negative Gain
Std Error of Est: 6.631565
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00058	-.001	.000	6684.8	79.1	1
S1	.02000	.59580	.576	2880.	6518.0	87.0	1
S3	1.2500	1.6801	.430	34.4	6214.7	25.6	1
S4	2.5000	2.2272	-.273	-10.9	6061.7	59.1	1
S5	5.0000	4.2670	-.733	-14.7	5491.1	48.1	1



U 385.958 { 87}

Date of Fit: 11/5/2018 11:22:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -224.335435 Re-Slope: 1.000000

A1 (Gain): -8.185438 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.180034

Status: Warning Negative Gain

Std Error of Est: 0.764260

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00228	.002	.000	-224.35	6.03	1
S1	.02000	-2.2545	-2.27	-11400.	-205.88	10.6	1
S3	1.2500	.12482	-1.13	-90.0	-225.36	5.12	1
S4	2.5000	2.9184	.418	16.7	-248.22	3.92	1
S5	5.0000	7.9814	2.98	59.6	-289.67	.291	1

Sample Name: S0 Acquired: 11/5/2018 10:59:28 Type: Cal
Method: P4-ICP2(v2549) 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	.00002	-.00057	.00244	-.00014	.00063	.00002	.05849	.00016
Stddev	.00008	.00003	.00014	.00016	.00013	.00002	.00149	.00000
%RSD	503.19	6.0930	5.7545	114.28	21.297	132.79	2.5415	.12367
#1	.00007	-.00059	.00234	-.00026	.00053	.00000	.05744	.00016
#2	-.00004	-.00055	.00254	-.00003	.00072	.00003	.05954	.00016
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	-.00071	-.00044	.00007	-.00019	-.00031	-.00987	.00005	-.00027
Stddev	.00003	.00156	.00006	.00004	.00020	.02630	.00001	.00008
%RSD	4.2333	352.47	85.358	23.316	62.853	266.60	27.204	29.884
#1	-.00069	.00066	.00003	-.00022	-.00017	-.02846	.00006	-.00032
#2	-.00073	-.00155	.00011	-.00016	-.00045	.00873	.00004	-.00021
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	-.00491	.00009	.09075	-.00003	.06869	-.01208	-.00004	.00007
Stddev	.00004	.00004	.00265	.00006	.00090	.00313	.00003	.00019
%RSD	.89554	48.914	2.9199	201.07	1.3126	25.924	77.230	287.75
#1	-.00494	.00012	.08887	-.00007	.06805	-.01429	-.00007	-.00007
#2	-.00488	.00006	.09262	.00001	.06933	-.00986	-.00002	.00020
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	.00000	.01611	.00018	.00374	.02251	-.0028	-.00520	6684.8
Stddev	.00017	.00012	.00009	.00001	.00063	.0000	.00010	79.1
%RSD	6967.5	.75724	50.802	.19921	2.7951	.1654	1.8556	1.1838
#1	.00012	.01620	.00012	.00375	.02295	-.0028	-.00527	6628.9
#2	-.00012	.01603	.00025	.00374	.02206	-.0028	-.00513	6740.8

Sample Name: S0 Acquired: 11/5/2018 10:59:28 Type: Cal
 Method: P4-ICP2(v2549) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-224.35
Stddev	6.03
%RSD	2.6880

#1	-228.62
#2	-220.09

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4120.4	73785.	4181.8	115.55	4667.3
Stddev	3.8	354.	19.5	.12	2.8
%RSD	.09125	.47968	.46623	.10709	.06092

#1	4117.8	73535.	4168.0	115.64	4665.3
#2	4123.1	74036.	4195.6	115.47	4669.3

Sample Name: S1 Acquired: 11/5/2018 11:03:31 Type: Cal
Method: P4-ICP2(v2549) 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	.00126	.00591	.00615	.00112	.00859	.00042	.47005	.00435
Stddev	.00005	.00000	.00002	.00007	.00014	.00006	.00038	.00007
%RSD	4.0818	.05491	.30883	6.5673	1.6194	13.468	.07992	1.6684

#1	.00129	.00591	.00613	.00107	.00849	.00038	.46978	.00440
#2	.00122	.00591	.00616	.00117	.00869	.00046	.47031	.00430

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	.01872	.00155	.03716	.01167	.11836	.02328	.01745	.00147
Stddev	.00025	.00003	.00015	.00037	.02003	.00015	.00016	.00005
%RSD	1.3187	1.6861	.39108	3.1509	16.922	.63830	.90095	3.6163

#1	.01890	.00157	.03706	.01141	.13253	.02318	.01734	.00151
#2	.01855	.00153	.03727	.01193	.10420	.02339	.01756	.00143

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	.00591	4.8421	.14012	.00554	.00089	.21062	.00782	.01554
Stddev	.00005	.1062	.00008	.00003	.00011	.00088	.00010	.00026
%RSD	.80215	2.1924	.05869	.50738	12.442	.41701	1.2201	1.6902

#1	.00594	4.9172	.14018	.00556	.00081	.20999	.00775	.01572
#2	.00588	4.7670	.14007	.00552	.00097	.21124	.00788	.01535

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05178	-.0011	.16551	6518.0	-205.88
Stddev	.00199	.0001	.00100	87.0	10.63
%RSD	3.8403	9.591	.60499	1.3354	5.1649

#1	.05319	-.0010	.16622	6456.5	-198.36
#2	.05038	-.0011	.16480	6579.6	-213.40

Sample Name: S1 Acquired: 11/5/2018 11:03:31 Type: Cal
Method: P4-ICP2(v2549) 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	4067.9	72328.	4184.4	114.20	4565.4
Stddev	3.6	31.	29.4	2.60	4.6
%RSD	.08961	.04232	.70153	2.2754	.10039
#1	4065.3	72350.	4163.6	112.37	4562.2
#2	4070.5	72306.	4205.2	116.04	4568.7

Sample Name: S2 Acquired: 11/5/2018 11:07:33 Type: Cal
Method: P4-ICP2(v2549) 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	.07243	.02508	.55843	.13287
Stddev	.00039	.00039	.00116	.00140
%RSD	.54235	1.5628	.20700	1.0563

#1	.07215	.02536	.55761	.13387
#2	.07271	.02480	.55925	.13188

Int. Std.	Y_3710
Units	Cts/S
Avg	4153.6
Stddev	58.1
%RSD	1.3989

#1	4112.5
#2	4194.7

Sample Name: S3 Acquired: 11/5/2018 11:11:28 Type: Cal
Method: P4-ICP2(v2549) 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	.14824	.36534	.69198	.13939	.36060	.02088	19.298	.08447
Stddev	.00076	.00230	.00151	.00046	.00149	.00003	.142	.00002
%RSD	.51200	.62996	.21813	.33350	.41198	.12435	.73649	.02476
#1	.14878	.36696	.69305	.13972	.36165	.02090	19.198	.08446
#2	.14771	.36371	.69091	.13906	.35955	.02086	19.399	.08449
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9562	.43631	.06984	1.3677	.34914	3.1330	1.2783	.15229
Stddev	.0097	.00761	.00020	.0008	.00131	.0269	.0033	.00187
%RSD	.24430	1.7451	.27925	.05470	.37618	.85777	.26063	1.2278
#1	3.9631	.43093	.06998	1.3682	.35007	3.1520	1.2807	.15097
#2	3.9494	.44170	.06970	1.3671	.34821	3.1140	1.2760	.15361
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	.62395	.08515	2.9338	.16592	120.11	.87919	1.6486	.12065
Stddev	.00061	.00009	.0199	.00054	.20	.00791	.0045	.00163
%RSD	.09718	.10782	.67678	.32712	.16724	.89950	.27101	1.3520
#1	.62438	.08521	2.9197	.16630	120.26	.87360	1.6517	.11949
#2	.62353	.08508	2.9478	.16553	119.97	.88478	1.6454	.12180
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	.09195	1.1079	.43092	.70826	3.5750	.2164	20.072	6214.7
Stddev	.00026	.0128	.00003	.00346	.0409	.0008	.247	25.6
%RSD	.28695	1.1531	.00607	.48851	1.1429	.3490	1.2284	.41119
#1	.09213	1.0989	.43094	.70581	3.5461	.2170	19.897	6196.6
#2	.09176	1.1170	.43090	.71070	3.6039	.2159	20.246	6232.8

Sample Name: S3 Acquired: 11/5/2018 11:11:28 Type: Cal
Method: P4-ICP2(v2549) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-225.36
Stddev	5.12
%RSD	2.2732

#1	-221.73
#2	-228.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3946.5	70036.	4099.8	108.34	4246.5
Stddev	22.1	329.	20.4	.39	17.6
%RSD	.55907	.46976	.49861	.35832	.41350

#1	3930.9	69804.	4114.2	108.07	4234.1
#2	3962.1	70269.	4085.3	108.62	4258.9

Sample Name: S4 Acquired: 11/5/2018 11:15:15 Type: Cal
Method: P4-ICP2(v2549) 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	.29802	.73273	1.3844	.27922	.72333	.04204	37.859	.16648
Stddev	.00014	.00207	.0037	.00064	.00111	.00038	.218	.00071
%RSD	.04654	.28228	.26501	.22914	.15331	.89700	.57600	.42647

#1	.29812	.73420	1.3870	.27967	.72411	.04177	38.014	.16598
#2	.29792	.73127	1.3818	.27877	.72254	.04230	37.705	.16698

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	8.0241	.85452	.13677	2.7649	.68758	6.2628	2.5027	.29910
Stddev	.0147	.00297	.00020	.0079	.00241	.0408	.0076	.00070
%RSD	.18280	.34699	.14578	.28479	.35036	.65219	.30469	.23517

#1	8.0345	.85662	.13691	2.7705	.68929	6.2339	2.4973	.29959
#2	8.0137	.85242	.13663	2.7594	.68588	6.2916	2.5081	.29860

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	1.2608	.16838	5.6775	.32822	234.97	1.7338	3.2750	.24028
Stddev	.0025	.00057	.0475	.00068	1.32	.0031	.0066	.00083
%RSD	.20086	.33662	.83607	.20783	.56353	.18054	.20104	.34616

#1	1.2626	.16797	5.7111	.32773	235.91	1.7360	3.2797	.24087
#2	1.2590	.16878	5.6440	.32870	234.04	1.7316	3.2704	.23969

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	.19026	2.0581	.86618	1.4138	6.9708	.4487	39.371	6061.7
Stddev	.00047	.0213	.00036	.0023	.0210	.0005	.168	59.1
%RSD	.24754	1.0337	.04115	.16303	.30120	.1006	.42658	.97452

#1	.19060	2.0731	.86593	1.4154	6.9857	.4491	39.490	6019.9
#2	.18993	2.0430	.86643	1.4121	6.9560	.4484	39.252	6103.4

Sample Name: S4 Acquired: 11/5/2018 11:15:15 Type: Cal
Method: P4-ICP2(v2549) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-248.22
Stddev	3.92
%RSD	1.5796

#1	-245.45
#2	-251.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.2	69261.	4132.9	107.83	4050.7
Stddev	14.0	127.	60.0	.72	14.1
%RSD	.36120	.18294	1.4520	.67014	.34697

#1	3853.3	69171.	4090.5	107.32	4040.8
#2	3873.1	69351.	4175.4	108.34	4060.7

Sample Name: S5 Acquired: 11/5/2018 11:19:01 Type: Cal
Method: P4-ICP2(v2549) 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	.64425	1.5694	3.0051	.60143	1.5592	.09122	80.825	.35223
Stddev	.00206	.0046	.0124	.00091	.0071	.00012	.222	.00032
%RSD	.31925	.29313	.41153	.15169	.45316	.13049	.27524	.09148

#1	.64280	1.5662	2.9964	.60079	1.5542	.09114	80.668	.35200
#2	.64571	1.5727	3.0139	.60208	1.5642	.09131	80.983	.35246

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	17.447	1.8227	.28983	6.0274	1.4524	13.504	5.1967	.63426
Stddev	.058	.0036	.00066	.0223	.0055	.169	.0432	.00333
%RSD	.33428	.19469	.22752	.37000	.38069	1.2491	.83194	.52577

#1	17.406	1.8202	.29029	6.0116	1.4485	13.623	5.2273	.63661
#2	17.488	1.8252	.28936	6.0431	1.4563	13.384	5.1662	.63190

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7388	.35818	12.090	.69684	500.23	3.7727	6.9797	.51017
Stddev	.0091	.00044	.087	.00189	10.87	.0055	.0284	.00090
%RSD	.33202	.12148	.72095	.27113	2.1727	.14471	.40722	.17652

#1	2.7324	.35787	12.152	.69551	507.91	3.7766	6.9596	.50953
#2	2.7452	.35849	12.028	.69818	492.54	3.7689	6.9998	.51081

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	.42848	4.3186	1.8849	2.9929	15.019	.9999	84.176	5491.1
Stddev	.00153	.0056	.0064	.0111	.027	.0045	.612	48.1
%RSD	.35721	.13046	.33719	.36949	.17765	.4474	.72758	.87568

#1	.42740	4.3146	1.8804	3.0007	15.038	.9968	83.743	5457.1
#2	.42957	4.3226	1.8894	2.9851	15.000	1.003	84.609	5525.1

Sample Name: S5 Acquired: 11/5/2018 11:19:01 Type: Cal
 Method: P4-ICP2(v2549) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-289.67
Stddev	.29
%RSD	.10054

#1	-289.46
#2	-289.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.4	64456.	3897.3	99.155	3616.9
Stddev	6.0	209.	18.0	2.333	4.0
%RSD	.16902	.32501	.46125	2.3534	.11102

#1	3563.7	64307.	3884.6	97.505	3619.8
#2	3555.2	64604.	3910.0	100.80	3614.1

Sample Name: ICV01 Acquired: 11/5/2018 11:30:51 Type: Unk
Method: P4-ICP2(v2549) 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	.99722	1.0212	.97626	.99530	.98416	2.4769	.51312
Stddev	.00279	.0015	.00280	.00435	.00069	.0065	.00013
%RSD	.27950	.14483	.28645	.43696	.06980	.26357	.02450

#1	.99525	1.0222	.97824	.99837	.98464	2.4815	.51304
#2	.99919	1.0201	.97429	.99222	.98367	2.4723	.51321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47546	.47536	10.334	.50309	.48159	.51459	F 4.7916
Stddev	.00060	.00101	.136	.00290	.00114	.00117	.0487
%RSD	.12645	.21309	1.3203	.57704	.23704	.22688	1.0162

#1	.47503	.47608	10.430	.50514	.48240	.51542	4.8260
#2	.47588	.47465	10.237	.50104	.48078	.51376	4.7572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50801	6.0305	.48585	.48965	9.9806	.48920	1.0061
Stddev	.00128	.0895	.00019	.00158	.0082	.00186	.0261
%RSD	.25291	1.4836	.03943	.32351	.08192	.38016	2.5935

#1	.50892	5.9673	.48572	.48853	9.9863	.49052	1.0245
#2	.50710	6.0938	.48599	.49077	9.9748	.48789	.98763

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.152	2.5536	2.5866	F .01286	2.4596	2.4812	2.5628
Stddev	.048	.0055	.0127	.00123	.0257	.0051	.0047
%RSD	.47078	.21408	.49311	9.5574	1.0432	.20512	.18179

#1	10.186	2.5574	2.5956	.01373	2.4778	2.4848	2.5595
#2	10.118	2.5497	2.5775	.01199	2.4415	2.4776	2.5661

Sample Name: ICV01 Acquired: 11/5/2018 11:30:51 Type: Unk
 Method: P4-ICP2(v2549) 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 -.00032	F .0032	F .00698	F 3.5576	F 2.3253
Stddev	.00163	.0003	.00009	.2202	.3865
%RSD	509.23	9.687	1.3474	6.1883	16.622

#1	.00083	.0034	.00705	3.7133	2.5986
#2	-.00148	.0030	.00692	3.4019	2.0520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3764.5	67985.	3960.2	107.68	4154.4
Stddev	13.8	264.	42.5	2.74	13.8
%RSD	.36638	.38881	1.0732	2.5447	.33250

#1	3754.7	67798.	3930.2	105.74	4144.6
#2	3774.2	68172.	3990.3	109.62	4164.1

Sample Name: LLICV01 Acquired: 11/5/2018 11:38:42 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02120	.04588	.01366	.02143	.05504	.10910	.11158
Stddev	.00156	.00130	.00058	.00173	.00026	.00110	.00128
%RSD	7.3798	2.8306	4.2304	8.0885	.47890	1.0112	1.1511

#1	.02231	.04496	.01407	.02021	.05486	.10988	.11068
#2	.02009	.04679	.01325	.02266	.05523	.10832	.11249

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	.00596	2.3587	.01106	.03345	.02260	.10627
Stddev	.00003	.00004	.0536	.00011	.00017	.00017	.00676
%RSD	.47891	.65025	2.2717	.98675	.51768	.73635	6.3634

#1	.00637	.00594	2.3208	.01098	.03333	.02272	.10149
#2	.00632	.00599	2.3965	.01114	.03358	.02248	.11105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02343	2.2796	.04328	.01001	2.1585	.04531	.04107
Stddev	.00014	.0233	.00028	.00002	.0282	.00004	.00003
%RSD	.59572	1.0211	.63972	.16911	1.3069	.08857	.08084

#1	.02333	2.2961	.04308	.01002	2.1386	.04534	.04109
#2	.02353	2.2632	.04347	.00999	2.1785	.04528	.04104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1781	.21795	.11694	.02108	F .48915	.04430	.04470
Stddev	.0404	.00165	.00564	.00351	.00329	.00065	.00004
%RSD	1.8564	.75724	4.8217	16.671	.67314	1.4740	.09242

#1	2.1495	.21912	.12093	.01860	.48682	.04384	.04468
#2	2.2067	.21678	.11296	.02357	.49148	.04476	.04473

Sample Name: LLICV01 Acquired: 11/5/2018 11:38:42 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02070	.0206	.02227	F 3.7560	F<.00000
Stddev	.00130	.0018	.00040	.0312	.21081
%RSD	6.2579	8.884	1.8074	.82933	11.583

#1	.01979	.0219	.02199	3.7780	-1.9692
#2	.02162	.0193	.02256	3.7339	-1.6710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3767.3	67782.	3906.6	105.82	4292.4
Stddev	14.0	246.	40.2	.51	14.2
%RSD	.37074	.36309	1.0281	.48445	.33134

#1	3757.4	67956.	3935.0	105.46	4282.3
#2	3777.2	67608.	3878.2	106.18	4302.5

Sample Name: ICB01 Acquired: 11/5/2018 11:42:44 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00086	-.00007	.00219	-.00021	-.02111	.00094
Stddev	.00082	.00035	.00089	.00022	.00053	.00575	.00017
%RSD	43.254	40.953	1333.8	10.217	252.55	27.218	17.872

#1	-.00246	-.00110	.00057	.00235	.00017	-.01705	.00106
#2	-.00131	-.00061	-.00070	.00203	-.00059	-.02518	.00082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00011	.02684	-.00056	.00015	.00007	.00816
Stddev	.00005	.00002	.00420	.00026	.00003	.00028	.00554
%RSD	63.189	20.869	15.633	46.170	22.245	411.11	67.888

#1	-.00005	-.00013	.02981	-.00037	.00013	.00027	.01207
#2	-.00012	-.00010	.02387	-.00074	.00017	-.00013	.00424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02760	-.00018	.00009	-.07521	-.00012	-.00013
Stddev	.00005	.03520	.00069	.00034	.01948	.00069	.00002
%RSD	134.11	127.52	380.14	372.92	25.904	581.75	16.680

#1	.00007	.05249	.00031	-.00015	-.08899	-.00061	-.00014
#2	.00000	.00271	-.00067	.00033	-.06143	.00037	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01479	.00021	.00619	-.00033	.00152	-.00007	-.00138
Stddev	.02033	.00035	.00963	.00027	.00022	.00019	.00262
%RSD	137.47	163.94	155.61	82.134	14.216	292.33	190.06

#1	-.00041	.00046	-.00062	-.00014	.00137	.00007	-.00323
#2	-.02917	-.00003	.01300	-.00053	.00167	-.00020	.00047

Sample Name: ICB01 Acquired: 11/5/2018 11:42:44 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	-.0003	-.00008	F 3.5623	F<.00000
Stddev	.00390	.0001	.00002	.2239	.65133
%RSD	1091.8	20.80	22.198	6.2856	27.544
#1	-.00312	-.0003	-.00007	3.7206	-1.9041
#2	.00240	-.0004	-.00009	3.4039	-2.8252
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3765.7	67980.	3924.3	108.66	4327.0
Stddev	2.0	369.	6.1	1.16	4.4
%RSD	.05426	.54269	.15439	1.0683	.10110
#1	3767.2	67719.	3928.6	107.84	4323.9
#2	3764.3	68241.	3920.0	109.48	4330.0

Sample Name: CRI01 Acquired: 11/5/2018 11:46:48 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02195	.04551	.01324	.02398	.05645	.08936	.11175
Stddev	.00198	.00160	.00099	.00612	.00138	.00938	.00062
%RSD	9.0086	3.5130	7.4840	25.528	2.4509	10.492	.55589

#1	.02335	.04438	.01394	.01965	.05548	.08273	.11132
#2	.02055	.04664	.01254	.02831	.05743	.09599	.11219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.00589	2.3125	.01072	.03357	.02268	.10306
Stddev	.00011	.00010	.0333	.00035	.00002	.00012	.00192
%RSD	1.7390	1.7383	1.4397	3.2329	.06924	.51514	1.8677

#1	.00620	.00582	2.2889	.01096	.03359	.02276	.10169
#2	.00635	.00596	2.3360	.01047	.03356	.02260	.10442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02335	2.2774	.04364	.00987	2.1511	.04538	.04014
Stddev	.00009	.0806	.00049	.00013	.0008	.00049	.00010
%RSD	.40630	3.5407	1.1120	1.2902	.03640	1.0767	.25232

#1	.02328	2.3344	.04398	.00978	2.1506	.04503	.04021
#2	.02342	2.2204	.04330	.00996	2.1517	.04572	.04007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1626	.21631	.11398	.01683	.47757	.04363	.04234
Stddev	.0314	.00058	.00688	.00019	.00491	.00052	.00164
%RSD	1.4507	.26718	6.0347	1.1139	1.0281	1.1896	3.8786

#1	2.1404	.21672	.11885	.01696	.47410	.04400	.04118
#2	2.1848	.21590	.10912	.01670	.48104	.04326	.04350

Sample Name: CRI01 Acquired: 11/5/2018 11:46:48 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02278	.0197	.02209	F 3.2176	F<.00000
Stddev	.00105	.0002	.00007	.0878	.43002
%RSD	4.6299	1.051	.33808	2.7277	19.943
#1	.02352	.0198	.02214	3.1555	-2.4603
#2	.02203	.0195	.02204	3.2797	-1.8522
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.9	68044.	3931.1	107.97	4291.9
Stddev	13.6	113.	.0	.31	14.5
%RSD	.35921	.16673	.00033	.28925	.33819
#1	3767.3	68125.	3931.0	107.75	4281.6
#2	3786.5	67964.	3931.1	108.19	4302.2

Sample Name: ICSA01 Acquired: 11/5/2018 11:57:19 Type: Unk
Method: P4-ICP2(v2549) 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	-.00317	-.00960	-.00415	.01396	.00177	288.83	.00634	-.00130
Stddev	.00098	.00003	.00010	.00163	.00166	1.40	.00146	.00015
%RSD	30.993	.27848	2.2987	11.661	93.415	.48606	23.015	11.633
#1	-.00387	-.00962	-.00422	.01511	.00060	289.82	.00531	-.00140
#2	-.00248	-.00958	-.00408	.01281	.00295	287.84	.00738	-.00119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	265.63	.05951	-.00028	-.00377	102.85	.01615	272.73
Stddev	.00003	.83	.00040	.00031	.00008	.68	.00023	.44
%RSD	2.5788	.31251	.67181	108.34	2.1201	.66298	1.3975	.16055
#1	-.00106	265.04	.05923	-.00050	-.00382	102.37	.01599	273.04
#2	-.00110	266.21	.05980	-.00007	-.00371	103.33	.01631	272.42
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00501	-.00395	.24780	.00120	.00002	.13636	.00006	.06390
Stddev	.00025	.00035	.03402	.00050	.00001	.09387	.00048	.00425
%RSD	4.9201	8.8409	13.729	41.584	93.514	68.837	780.70	6.6547
#1	-.00484	-.00370	.22375	.00084	.00003	.20274	-.00028	.06089
#2	-.00519	-.00419	.27186	.00155	.00001	.06999	.00040	.06691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	-.00444	.00282	-.00583	.00645	-.0006	.00196	F 5.8348
Stddev	.00245	.00220	.00191	.00001	.00009	.0008	.00049	.1911
%RSD	246.36	49.556	67.765	.21247	1.4096	120.5	25.238	3.2751
#1	.00272	-.00289	.00147	-.00583	.00638	-.0012	.00230	5.9699
#2	-.00074	-.00600	.00417	-.00584	.00651	-.0001	.00161	5.6997

Sample Name: ICSA01 Acquired: 11/5/2018 11:57:19 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 7.5103
Stddev	.0277
%RSD	.36927

#1	7.4907
#2	7.5299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3363.1	59947.	3757.7	97.189	3428.6
Stddev	11.2	147.	7.6	.659	25.0
%RSD	.33182	.24473	.20207	.67826	.73020

#1	3371.0	59843.	3763.1	97.655	3446.3
#2	3355.3	60051.	3752.4	96.723	3410.9

Sample Name: ICSAB01 Acquired: 11/5/2018 12:07:23 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10191	.09904	.04643	.06095	.65605	289.96	.56269	.56747
Stddev	.00310	.00062	.00088	.00241	.00934	2.31	.00242	.00074
%RSD	3.0421	.62948	1.8988	3.9588	1.4238	.79825	.42963	.12956

#1	.10410	.09860	.04705	.06266	.66265	288.32	.56440	.56799
#2	.09971	.09948	.04580	.05925	.64944	291.60	.56098	.56695

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0506	266.13	.60851	.52680	.52369	102.13	.56037	273.76
Stddev	.0037	.05	.00555	.00214	.00258	1.48	.00083	1.01
%RSD	.35379	.01838	.91216	.40537	.49260	1.4467	.14723	.36866

#1	1.0532	266.10	.60459	.52831	.52551	103.17	.55979	274.48
#2	1.0479	266.16	.61244	.52529	.52186	101.08	.56095	273.05

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0417	.21892	.22658	.53321	1.0821	.11719	-.00089	.05745
Stddev	.0052	.00016	.01394	.00390	.0191	.03023	.00025	.00803
%RSD	.49583	.07515	6.1533	.73082	1.7656	25.794	28.486	13.970

#1	1.0454	.21880	.23644	.53045	1.0956	.13856	-.00071	.06313
#2	1.0381	.21904	.21672	.53596	1.0686	.09581	-.00107	.05178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00325	-.00422	.00329	-.00544	.00445	F -.0000	F .00308	F 6.3759
Stddev	.00373	.00126	.00111	.00152	.00061	.0025	.00212	.1694
%RSD	114.77	29.867	33.698	27.902	13.669	25720.	68.665	2.6569

#1	.00588	-.00333	.00407	-.00651	.00488	-.0018	.00159	6.2561
#2	.00061	-.00511	.00250	-.00436	.00402	.0017	.00458	6.4957

Sample Name: ICSAB01 Acquired: 11/5/2018 12:07:23 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.3164
Stddev .9867
%RSD 15.622

#1 7.0141
#2 5.6187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.9	59966.	3762.8	97.700	3416.2
Stddev	33.3	103.	23.6	1.886	21.4
%RSD	.99481	.17189	.62661	1.9304	.62649

#1	3321.4	60039.	3746.2	96.366	3401.0
#2	3368.4	59893.	3779.5	99.033	3431.3

Sample Name: CCV01 Acquired: 11/5/2018 12:11:22 Type: Unk
Method: P4-ICP2(v2549) 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	F 5.2665	5.1663	5.1038	5.2427	5.2492	F 10.645	F 10.580	.26155
Stddev	.0148	.0230	.0111	.0243	.0172	.000	.019	.00036
%RSD	.28142	.44504	.21735	.46384	.32778	.00265	.17940	.13783
#1	5.2770	5.1826	5.1117	5.2599	5.2613	10.644	10.567	.26130
#2	5.2560	5.1501	5.0960	5.2255	5.2370	10.645	10.594	.26181
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5341	F 26.490	F 1.0915	2.5327	1.2718	5.0717	F 2.6387	25.897
Stddev	.0087	.149	.0052	.0054	.0057	.0018	.0107	.065
%RSD	.34274	.56420	.47155	.21251	.44491	.03492	.40405	.25067
#1	2.5403	26.384	1.0879	2.5365	1.2758	5.0729	2.6311	25.851
#2	2.5280	26.595	1.0952	2.5289	1.2678	5.0704	2.6462	25.943
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5414	1.2827	F 26.308	2.6214	2.6099	F 26.448	F 5.2664	F 5.2868
Stddev	.0109	.0033	.007	.0074	.0028	.039	.0253	.0056
%RSD	.43008	.26001	.02642	.28287	.10782	.14692	.48036	.10571
#1	2.5491	1.2803	26.303	2.6161	2.6079	26.420	5.2843	5.2907
#2	2.5336	1.2850	26.313	2.6266	2.6119	26.475	5.2485	5.2828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0765	F 5.2642	5.1223	5.1584	F 5.3368	5.153	F 5.4605	F 5.7799
Stddev	.0180	.0233	.0180	.0054	.0253	.023	.0306	.0211
%RSD	.35444	.44338	.35203	.10422	.47311	.4384	.55966	.36476
#1	5.0892	5.2477	5.1351	5.1546	5.3189	5.169	5.4388	5.7650
#2	5.0638	5.2807	5.1096	5.1622	5.3546	5.137	5.4821	5.7948

Sample Name: CCV01 Acquired: 11/5/2018 12:11:22 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9344
Stddev	.1892
%RSD	6.4478

#1	3.0682
#2	2.8006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.5	64053.	3831.1	100.87	3815.0
Stddev	21.5	205.	15.2	.03	17.1
%RSD	.60178	.31959	.39684	.03011	.44935

#1	3560.3	64198.	3841.8	100.89	3802.9
#2	3590.8	63909.	3820.3	100.85	3827.1

Sample Name: LLCCV01 Acquired: 11/5/2018 12:15:08 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02112	.04718	.01396	.02292	.05877	.11599	.11392
Stddev	.00211	.00065	.00005	.00204	.00027	.01582	.00085
%RSD	9.9923	1.3762	.38897	8.9162	.46117	13.643	.74182

#1	.02262	.04764	.01392	.02437	.05858	.10480	.11452
#2	.01963	.04672	.01400	.02148	.05897	.12718	.11332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00629	.00606	2.3684	.01127	.03425	.02246	.11456
Stddev	.00002	.00010	.0374	.00035	.00060	.00077	.00977
%RSD	.27409	1.6703	1.5798	3.0903	1.7389	3.4226	8.5242

#1	.00628	.00599	2.3949	.01102	.03383	.02192	.10766
#2	.00631	.00613	2.3419	.01152	.03467	.02300	.12147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02358	2.3323	.04434	.01039	2.1914	.04601	.04055
Stddev	.00015	.0262	.00021	.00040	.0134	.00006	.00022
%RSD	.62487	1.1240	.47549	3.8369	.61226	.12677	.55153

#1	.02347	2.3508	.04420	.01011	2.2009	.04597	.04039
#2	.02368	2.3138	.04449	.01068	2.1819	.04605	.04071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2319	.22386	F .12337	.01997	F .50212	.04422	.04308
Stddev	.0464	.00082	.00505	.00020	.00616	.00100	.00105
%RSD	2.0806	.36704	4.0925	.97963	1.2264	2.2721	2.4267

#1	2.1990	.22328	.11980	.02010	.50647	.04351	.04382
#2	2.2647	.22444	.12694	.01983	.49776	.04493	.04234

Sample Name: LLCCV01 Acquired: 11/5/2018 12:15:08 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02184	.0205	.02324	F 4.4150	F<.00000
Stddev	.00004	.0000	.00016	.0693	1.6380
%RSD	.18696	.1174	.68687	1.5690	111.90

#1	.02181	.0205	.02336	4.3660	-.30562
#2	.02187	.0205	.02313	4.4639	-2.6221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3737.2	67674.	3871.3	106.35	4269.9
Stddev	.3	70.	33.4	.14	7.1
%RSD	.00763	.10401	.86254	.13298	.16583

#1	3737.4	67624.	3847.7	106.45	4274.9
#2	3737.0	67724.	3894.9	106.25	4264.8

Sample Name: CCB01 Acquired: 11/5/2018 12:19:11 Type: Unk
Method: P4-ICP2(v2549) 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	-.00091	-.00165	.00036	.00062	-.00035	-.00658	.00097
Stddev	.00200	.00052	.00081	.00103	.00041	.01088	.00122
%RSD	220.89	31.299	221.81	165.65	118.43	165.38	125.36

#1	.00051	-.00129	.00093	.00135	-.00064	.00111	.00011
#2	-.00232	-.00202	-.00021	-.00011	-.00006	-.01428	.00183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00007	-.00789	-.00017	.00011	.00018	-.00689
Stddev	.00001	.00006	.00091	.00024	.00005	.00005	.00475
%RSD	9.1854	86.522	11.530	138.56	42.680	26.344	69.027

#1	-.00009	-.00011	-.00853	-.00034	.00008	.00022	-.00353
#2	-.00010	-.00003	-.00725	-.00000	.00014	.00015	-.01025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02100	-.00005	-.00058	-.12381	-.00046	-.00027
Stddev	.00002	.00933	.00045	.00000	.00536	.00003	.00003
%RSD	48.970	44.423	844.27	.01412	4.3259	5.8150	9.5470

#1	-.00003	.02760	-.00037	-.00058	-.12003	-.00048	-.00028
#2	-.00006	.01441	.00026	-.00058	-.12760	-.00045	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02670	.00046	-.00034	.00008	.00491	.00069	-.00245
Stddev	.00574	.00010	.01752	.00043	.00128	.00017	.00041
%RSD	21.494	22.258	5166.3	504.47	26.129	24.758	16.651

#1	-.02264	.00039	.01205	-.00022	.00581	.00081	-.00274
#2	-.03076	.00053	-.01273	.00039	.00400	.00057	-.00216

Sample Name: CCB01 Acquired: 11/5/2018 12:19:11 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00190	-0.0002	-0.00010	F 4.2761	F<.00000
Stddev	.00089	.0005	.00003	.0174	.61655
%RSD	47.010	200.5	27.505	.40764	24.349

#1	-0.00127	-0.0006	-0.00012	4.2638	-2.9681
#2	-0.00253	.0001	-0.00008	4.2885	-2.0962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.6	67393.	3882.2	105.89	4337.3
Stddev	12.9	579.	.6	1.41	14.0
%RSD	.34301	.85859	.01540	1.3300	.32380

#1	3741.5	67802.	3882.6	104.89	4327.3
#2	3759.7	66983.	3881.8	106.88	4347.2

Sample Name: LR CHECK1 Acquired: 11/5/2018 12:27:42 Type: Unk
Method: P4-ICP2(v2549) 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	-.06239	-.07317	-.11534	.06334	.03854	1896.9	.00887
Stddev	.00262	.00367	.01346	.00835	.00176	5.9	.00053
%RSD	4.2018	5.0173	11.666	13.178	4.5779	.31032	6.0110

#1	-.06054	-.07577	-.12485	.05744	.03729	1892.7	.00850
#2	-.06424	-.07057	-.10582	.06924	.03978	1901.0	.00925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	.01639	F 1800.1	.14321	.00706	.06964	F 962.44
Stddev	.00029	.00374	6.6	.00101	.00066	.00349	31.55
%RSD	10.691	22.829	.36686	.70778	9.3055	5.0050	3.2778

#1	-.00297	.01375	1804.7	.14249	.00753	.06718	984.75
#2	-.00255	.01904	1795.4	.14392	.00660	.07211	940.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03596	F 1923.7	.13630	-.03916	1704.0	.01157	.06061
Stddev	.00010	2.9	.00164	.00600	27.1	.00005	.00305
%RSD	.27225	.15108	1.2055	15.326	1.5878	.41798	5.0266

#1	.03603	1925.7	.13513	-.03492	1723.2	.01154	.06277
#2	.03589	1921.6	.13746	-.04341	1684.9	.01161	.05846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1017.5	.01658	.50862	.44040	-.01027	.03449	-.04201
Stddev	5.2	.00046	.04448	.02239	.00433	.00203	.00215
%RSD	.51097	2.7867	8.7450	5.0835	42.217	5.8856	5.1149

#1	1021.2	.01626	.54008	.45623	-.00720	.03305	-.04353
#2	1013.8	.01691	.47717	.42457	-.01333	.03593	-.04049

Sample Name: LR CHECK1 Acquired: 11/5/2018 12:27:42 Type: Unk
Method: P4-ICP2(v2549) 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	.03853	.0533	F -1.0387	6.8587	^ *****
Stddev	.00091	.0031	.0347	.0061	-----
%RSD	2.3723	5.838	3.3384	.08941	-----

#1	.03918	.0511	-1.0633	6.8630	^ -----
#2	.03789	.0555	-1.0142	6.8544	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.8	45855.	3238.2	72.353	2152.3
Stddev	24.8	64.	8.9	2.437	17.8
%RSD	.97320	.13996	.27377	3.3683	.82511

#1	2561.3	45901.	3231.9	70.629	2164.8
#2	2526.3	45810.	3244.5	74.076	2139.7

Sample Name: LR CHECK2 Acquired: 11/5/2018 12:32:22 Type: Unk
Method: P4-ICP2(v2549) 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	.00091	-.01491	F 271.89	.02829	-.00849	-.29535	F 101.83
Stddev	.00301	.00042	.19	.00115	.00140	.01423	.83
%RSD	332.40	2.7847	.07165	4.0641	16.495	4.8169	.81840

#1	.00304	-.01462	272.03	.02911	-.00750	-.30541	102.42
#2	-.00122	-.01521	271.75	.02748	-.00948	-.28529	101.25

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00841	.23730	-.13923	-.00938	F 260.90	-.86483
Stddev	.00002	.00009	.00295	.00019	.00025	1.33	.00206
%RSD	2.5702	1.0546	1.2412	.13415	2.6209	.51103	.23823

#1	-.00079	-.00835	.23939	-.13910	-.00955	259.96	-.86629
#2	-.00077	-.00847	.23522	-.13936	-.00920	261.85	-.86338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.839	-.02787	F 50.914	.00905	1.5913	-.00879	F 36.206
Stddev	.119	.04424	.003	.00018	.1043	.00036	.015
%RSD	.27143	158.76	.00533	2.0283	6.5559	4.0668	.04184

#1	43.755	.00342	50.916	.00892	1.6650	-.00853	36.195
#2	43.923	-.05915	50.912	.00918	1.5175	-.00904	36.216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4895	-.00395	-.00074	.10744	-.00404	.00071	-.00254
Stddev	.1831	.00047	.00281	.00617	.00154	.00044	.00287
%RSD	12.295	11.911	378.46	5.7393	38.099	62.383	112.97

#1	1.6190	-.00428	.00124	.11180	-.00295	.00103	-.00051
#2	1.3600	-.00361	-.00273	.10308	-.00513	.00040	-.00457

Sample Name: LR CHECK2 Acquired: 11/5/2018 12:32:22 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	-.1960	.00336	4.5133	F<.00000
Stddev	.00075	.0056	.00011	.1054	.50064
%RSD	26.984	2.852	3.2326	2.3351	49.622

#1	-.00330	-.1920	.00344	4.5879	-.65490
#2	-.00224	-.2000	.00329	4.4388	-1.3629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.3	68873.	4043.4	103.23	4078.5
Stddev	3.1	81.	12.7	.48	9.7
%RSD	.08468	.11774	.31287	.46237	.23730

#1	3623.4	68815.	4052.4	102.89	4071.6
#2	3619.1	68930.	4034.5	103.57	4085.3

Sample Name: J5724-06DLX10 Acquired: 11/5/2018 12:36:53 Type: Unk
Method: P4-ICP2(v2549) 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	.01652	.00616	.02384	.03224	-.00362	12.899	.06953
Stddev	.00226	.00037	.00195	.00004	.00042	.049	.00078
%RSD	13.691	5.9535	8.1845	.11704	11.525	.38050	1.1181

#1	.01812	.00642	.02522	.03221	-.00332	12.864	.07008
#2	.01492	.00591	.02246	.03227	-.00391	12.934	.06898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	.00128	10.359	.02646	.02308	.20855	221.83
Stddev	.00010	.00009	.001	.00010	.00008	.00059	1.15
%RSD	5.1582	6.7194	.01293	.37978	.34602	.28348	.51733

#1	-.00196	.00122	10.358	.02653	.02303	.20814	222.64
#2	-.00182	.00134	10.360	.02639	.02314	.20897	221.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49295	5.2627	.14543	-.00964	.85452	1.5548	.82242
Stddev	.00184	.0396	.00064	.00132	.02325	.0040	.00845
%RSD	.37385	.75195	.44223	13.659	2.7210	.25901	1.0275

#1	.49425	5.2347	.14588	-.01057	.87096	1.5577	.82840
#2	.49164	5.2907	.14497	-.00871	.83808	1.5520	.81645

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8228	.00508	.12073	F 97.069	.48940	-.02693	.17362
Stddev	.0339	.00031	.00059	.373	.00209	.00025	.00401
%RSD	1.8603	6.1517	.49035	.38396	.42730	.92974	2.3083

#1	1.8468	.00486	.12115	97.332	.49088	-.02675	.17646
#2	1.7988	.00530	.12031	96.805	.48792	-.02711	.17079

Sample Name: J5724-06DLX10 Acquired: 11/5/2018 12:36:53 Type: Unk
Method: P4-ICP2(v2549) 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	.04142	1.982	-.18486	3.7478	F<.00000
Stddev	.00071	.003	.00148	.2135	1.2601
%RSD	1.7239	.1694	.80013	5.6970	1.5053

#1	.04193	1.980	-.18591	3.8988	-82.822
#2	.04092	1.985	-.18382	3.5969	-84.604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.2	66120.	3933.8	106.28	4045.4
Stddev	11.5	209.	8.7	1.28	18.8
%RSD	.30955	.31603	.22002	1.2036	.46449

#1	3696.1	65972.	3927.7	105.37	4032.1
#2	3712.3	66268.	3939.9	107.18	4058.7

Sample Name: J5724-07DLX10 Acquired: 11/5/2018 12:40:48 Type: Unk
Method: P4-ICP2(v2549) 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	.04311	-.00017	.17780	.01656	-.00076	30.793	.20832	.00090
Stddev	.00232	.00025	.00258	.00049	.00247	.154	.00222	.00012
%RSD	5.3801	149.42	1.4505	2.9677	325.28	.50030	1.0645	13.774
#1	.04147	.00001	.17598	.01621	.00099	30.684	.20988	.00099
#2	.04475	-.00035	.17963	.01691	-.00251	30.902	.20675	.00081
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	31.681	.07259	.03161	.13629	91.163	1.5116	14.089
Stddev	.00001	.129	.00089	.00016	.00012	.311	.0003	.012
%RSD	3.8044	.40675	1.2292	.52088	.08926	.34144	.01749	.08810
#1	-.00025	31.772	.07196	.03150	.13637	91.383	1.5114	14.080
#2	-.00027	31.590	.07322	.03173	.13620	90.943	1.5117	14.098
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10576	-.00326	.51052	.37372	.43675	2.7870	.00457	.06960
Stddev	.00009	.00010	.01086	.00067	.00054	.0051	.00009	.00597
%RSD	.08419	3.0536	2.1281	.18058	.12408	.18353	1.9209	8.5804
#1	.10582	-.00319	.51820	.37324	.43713	2.7906	.00463	.07383
#2	.10570	-.00333	.50284	.37420	.43637	2.7833	.00451	.06538
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.954	.53623	.02167	.26330	.08892	2.490	.09514	3.6937
Stddev	.015	.00126	.00022	.00184	.00072	.010	.00020	.0012
%RSD	.10622	.23478	1.0182	.69700	.80462	.4067	.20738	.03172
#1	13.964	.53712	.02151	.26459	.08841	2.483	.09528	3.6929
#2	13.943	.53534	.02183	.26200	.08943	2.497	.09500	3.6946

Sample Name: J5724-07DLX10 Acquired: 11/5/2018 12:40:48 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .55673
Stddev .26653
%RSD 47.875

#1 .36826
#2 .74520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.1	68832.	4112.6	109.07	4138.5
Stddev	2.6	87.	34.3	.35	12.5
%RSD	.06842	.12649	.83292	.31793	.30130

#1	3846.0	68893.	4088.4	108.82	4147.3
#2	3842.2	68770.	4136.8	109.31	4129.7

Sample Name: J5741-59 Acquired: 11/5/2018 12:44:41 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07312	-.01140	.05022	.07711	-.00097	182.92	.37647
Stddev	.00390	.00009	.00321	.00434	.00111	.53	.00137
%RSD	5.3271	.75532	6.4015	5.6256	114.08	.28959	.36327

#1	.07588	-.01146	.04795	.08017	-.00176	183.30	.37743
#2	.07037	-.01134	.05249	.07404	-.00019	182.55	.37550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00439	110.37	.30614	.13067	.72790	427.72
Stddev	.00006	.00014	.60	.00046	.00018	.00146	2.95
%RSD	2.1933	3.1620	.54175	.15044	.14095	.20005	.68935

#1	.00260	-.00429	110.79	.30581	.13080	.72893	429.81
#2	.00252	-.00449	109.95	.30647	.13054	.72687	425.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4814	49.184	.22096	.00199	5.1663	.52428	2.8421
Stddev	.0042	.221	.00027	.00066	.0010	.00035	.0267
%RSD	.16805	.45032	.12245	33.222	.01890	.06584	.94047

#1	2.4843	49.341	.22115	.00246	5.1656	.52403	2.8610
#2	2.4784	49.027	.22077	.00153	5.1670	.52452	2.8232

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0516	.00209	1.9655	3.7737	5.5090	.01285	1.3544
Stddev	.0670	.00004	.0098	.0008	.0013	.00056	.0046
%RSD	.95026	1.9587	.49838	.02148	.02288	4.3966	.33966

#1	7.0990	.00206	1.9724	3.7743	5.5099	.01245	1.3512
#2	7.0042	.00212	1.9586	3.7732	5.5081	.01325	1.3577

Sample Name: J5741-59 Acquired: 11/5/2018 12:44:41 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12093	5.626	-.25078	<.00000	F<.00000
Stddev	.00092	.005	.00172	.04090	2.4346
%RSD	.75824	.0965	.68781	3.3364	.99251

#1	.12157	5.629	-.25200	-1.1970	-243.57
#2	.12028	5.622	-.24956	-1.2548	-247.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4350.6	78243.	4821.4	96.104	3529.6
Stddev	21.9	299.	21.2	1.033	15.4
%RSD	.50445	.38152	.43914	1.0746	.43705

#1	4335.1	78032.	4806.4	95.374	3518.7
#2	4366.2	78455.	4836.3	96.834	3540.5

Sample Name: J5741-59DUP Acquired: 11/5/2018 12:48:36 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07288	-.01155	.05477	.07142	-.00009	181.26	.37761
Stddev	.00257	.00018	.00220	.00038	.00125	.26	.00285
%RSD	3.5234	1.5468	4.0162	.52574	1321.8	.14432	.75565

#1	.07106	-.01142	.05632	.07116	.00079	181.44	.37963
#2	.07469	-.01168	.05321	.07169	-.00098	181.07	.37559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00293	110.88	.30636	.12942	.72315	412.77
Stddev	.00004	.00010	.17	.00396	.00056	.00118	1.49
%RSD	1.3323	3.2752	.15256	1.2916	.42914	.16324	.36138

#1	.00261	-.00286	110.76	.30916	.12902	.72398	411.72
#2	.00266	-.00299	111.00	.30356	.12981	.72232	413.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4756	49.236	.21953	-.00039	5.1814	.53045	2.6714
Stddev	.0017	.231	.00166	.00097	.0119	.00447	.0011
%RSD	.06917	.46878	.75822	251.83	.22962	.84178	.04133

#1	2.4768	49.399	.21836	-.00107	5.1898	.53360	2.6707
#2	2.4744	49.073	.22071	.00030	5.1730	.52729	2.6722

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0630	.00261	1.9210	3.6971	5.4561	.01306	1.3660
Stddev	.0372	.00023	.0043	.0092	.0386	.00213	.0034
%RSD	.52653	8.6281	.22575	.24749	.70687	16.333	.24852

#1	7.0893	.00277	1.9180	3.6906	5.4834	.01156	1.3684
#2	7.0367	.00245	1.9241	3.7036	5.4288	.01457	1.3636

Sample Name: J5741-59DUP Acquired: 11/5/2018 12:48:36 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-15DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12039	5.575	-.23475	<.00000	F<.00000
Stddev	.00267	.019	.00114	.12378	6.2275
%RSD	2.2196	.3374	.48600	5.6880	2.5463

#1	.11850	5.562	-.23394	-2.2636	-248.97
#2	.12228	5.588	-.23555	-2.0886	-240.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4357.2	78603.	4810.3	99.448	3558.7
Stddev	6.9	363.	29.2	.003	10.7
%RSD	.15848	.46166	.60684	.00285	.30014

#1	4352.3	78346.	4789.6	99.450	3566.3
#2	4362.1	78859.	4830.9	99.446	3551.2

Sample Name: J5741-59LX5 Acquired: 11/5/2018 12:52:32 Type: Unk
Method: P4-ICP2(v2549) 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	.01635	-.00136	.01171	.01545	-.00092	40.026	.08674	.00006
Stddev	.00121	.00032	.00040	.00046	.00079	.255	.00026	.00002
%RSD	7.3967	23.685	3.4037	2.9946	86.609	.63764	.30147	27.052

#1	.01720	-.00114	.01199	.01512	-.00148	39.846	.08655	.00005
#2	.01549	-.00159	.01143	.01577	-.00035	40.207	.08692	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	25.648	.07227	.02453	.17653	80.414	.59418	11.615
Stddev	.00001	.115	.00072	.00003	.00054	.499	.00202	.024
%RSD	.56170	.44892	.99964	.10798	.30400	.62061	.33941	.20820

#1	-.00130	25.730	.07278	.02451	.17615	80.767	.59561	11.598
#2	-.00131	25.567	.07176	.02455	.17691	80.061	.59276	11.632

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03946	-.00236	1.1457	.12154	.55243	1.7182	.00084	.37787
Stddev	.00040	.00044	.0076	.00141	.00983	.0056	.00070	.00197
%RSD	1.0242	18.538	.66179	1.1616	1.7798	.32855	83.674	.52122

#1	.03917	-.00267	1.1511	.12254	.55938	1.7222	.00133	.37926
#2	.03974	-.00205	1.1404	.12055	.54548	1.7142	.00034	.37648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68086	.47827	.00226	.28105	.02640	1.014	-.03868	2.8248
Stddev	.00119	.01389	.00080	.00079	.00051	.006	.00050	.0898
%RSD	.17422	2.9036	35.299	.28216	1.9212	.6246	1.2973	3.1809

#1	.68002	.48809	.00170	.28049	.02676	1.010	-.03903	2.8884
#2	.68170	.46845	.00283	.28161	.02604	1.019	-.03832	2.7613

Sample Name: J5741-59LX5 Acquired: 11/5/2018 12:52:32 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7727
 Stddev .9875
 %RSD 26.174

#1 3.0745
 #2 4.4710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3919.5	70183.	4142.7	105.39	4085.0
Stddev	12.7	327.	52.8	2.19	16.3
%RSD	.32409	.46649	1.2743	2.0780	.39877

#1	3910.6	69952.	4105.3	103.85	4073.5
#2	3928.5	70415.	4180.0	106.94	4096.5

Sample Name: J5741-59MS Acquired: 11/5/2018 12:56:29 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74640	2.1312	1.1404	1.7168	.18256	195.85	.55815
Stddev	.00275	.0197	.0012	.0115	.00083	2.11	.00938
%RSD	.36782	.92248	.10053	.67151	.45611	1.0762	1.6808

#1	.74446	2.1451	1.1412	1.7250	.18197	194.36	.56478
#2	.74834	2.1173	1.1396	1.7086	.18315	197.34	.55152

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17824	.20712	64.654	.63379	.33389	2.8665	397.60
Stddev	.00335	.00039	1.727	.01610	.00313	.0135	14.70
%RSD	1.8800	.18739	2.6712	2.5399	.93706	.47084	3.6970

#1	.17587	.20740	65.876	.62240	.33610	2.8760	407.99
#2	.18061	.20685	63.433	.64517	.33168	2.8570	387.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0674	46.472	.74616	.06305	8.0476	.76757	1.0688
Stddev	.0418	.997	.00709	.00264	.1513	.01104	.0348
%RSD	2.0200	2.1456	.95014	4.1947	1.8803	1.4388	3.2557

#1	2.0379	47.177	.75117	.06492	8.1546	.75976	1.0934
#2	2.0970	45.767	.74114	.06118	7.9406	.77538	1.0442

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.213	.31533	1.4934	4.6905	8.1612	.69916	1.5193
Stddev	.237	.00019	.0367	.0297	.0832	.00671	.0285
%RSD	1.4620	.06040	2.4549	.63425	1.0198	.96018	1.8730

#1	16.381	.31519	1.5193	4.7116	8.2201	.70391	1.5395
#2	16.045	.31546	1.4674	4.6695	8.1024	.69441	1.4992

Sample Name: J5741-59MS Acquired: 11/5/2018 12:56:29 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31254	F 12.06	-.00525	<.00000	F<.00000
Stddev	.00568	.18	.00673	.40655	4.1014
%RSD	1.8175	1.465	128.26	26.794	1.8127

#1	.31656	12.19	-.01000	-1.8048	-223.36
#2	.30852	11.94	-.00049	-1.2299	-229.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4347.0	78678.	4777.3	97.199	3564.5
Stddev	27.4	1026.	93.5	3.643	52.9
%RSD	.63055	1.3039	1.9580	3.7482	1.4851

#1	4327.6	79403.	4711.1	94.623	3527.1
#2	4366.4	77952.	4843.4	99.775	3601.9

Sample Name: J5741-59MSD Acquired: 11/5/2018 13:00:20 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74678	2.1519	1.1522	1.7119	.18249	199.81	.56282
Stddev	.00240	.0050	.0048	.0118	.00173	.51	.00111
%RSD	.32081	.23353	.41494	.68626	.94954	.25297	.19656

#1	.74847	2.1555	1.1556	1.7202	.18372	199.46	.56204
#2	.74508	2.1483	1.1489	1.7036	.18126	200.17	.56360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18041	.21022	65.236	.64421	.33699	2.8675	392.19
Stddev	.00030	.00157	.346	.00241	.00143	.0023	1.77
%RSD	.16656	.74610	.53112	.37401	.42292	.07913	.45111

#1	.18019	.21132	65.480	.64591	.33799	2.8659	390.94
#2	.18062	.20911	64.991	.64251	.33598	2.8692	393.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0892	46.789	.75214	.06292	8.1261	.77597	1.0472
Stddev	.0011	.132	.00404	.00050	.0133	.00006	.0015
%RSD	.05423	.28223	.53741	.79418	.16345	.00789	.14388

#1	2.0884	46.696	.75500	.06328	8.1167	.77593	1.0483
#2	2.0900	46.882	.74928	.06257	8.1355	.77602	1.0461

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.409	.31653	1.4932	4.7114	8.1818	.70687	1.5335
Stddev	.040	.00073	.0035	.0184	.0583	.00160	.0005
%RSD	.24255	.23109	.23360	.39127	.71320	.22637	.03047

#1	16.438	.31705	1.4957	4.7244	8.2231	.70800	1.5338
#2	16.381	.31601	1.4907	4.6983	8.1406	.70574	1.5332

Sample Name: J5741-59MSD Acquired: 11/5/2018 13:00:20 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31770	F 12.16	.00579	<.00000	F<.00000
Stddev	.00115	.01	.00323	.04211	1.9535
%RSD	.36115	.0439	55.722	3.6740	.86825

#1	.31851	12.16	.00807	-1.1759	-226.38
#2	.31689	12.17	.00351	-1.1164	-223.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4345.5	77673.	4761.5	99.005	3534.3
Stddev	3.7	95.	20.6	.115	6.3
%RSD	.08418	.12200	.43236	.11665	.17902

#1	4342.9	77740.	4747.0	98.923	3529.8
#2	4348.0	77606.	4776.1	99.086	3538.8

Sample Name: J5741-59A Acquired: 11/5/2018 13:04:11 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7642 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73731	2.1195	1.1345	1.6896	.18050	198.13	.55478
Stddev	.00003	.0030	.0076	.0010	.00007	.41	.00260
%RSD	.00474	.14119	.66924	.06035	.03904	.20547	.46880

#1	.73734	2.1216	1.1292	1.6889	.18055	197.84	.55294
#2	.73729	2.1174	1.1399	1.6903	.18045	198.41	.55662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17891	.20680	64.694	.64074	.33260	2.8477	388.90
Stddev	.00091	.00061	.463	.00020	.00012	.0088	3.10
%RSD	.51140	.29547	.71574	.03157	.03639	.30832	.79749

#1	.17956	.20637	64.367	.64089	.33268	2.8539	391.09
#2	.17826	.20723	65.022	.64060	.33251	2.8415	386.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0748	46.085	.74010	.06275	7.9908	.76947	1.0403
Stddev	.0023	.184	.00009	.00061	.0482	.00052	.0077
%RSD	.11244	.39935	.01232	.96599	.60308	.06739	.74011

#1	2.0764	45.955	.74003	.06318	7.9567	.76911	1.0458
#2	2.0731	46.215	.74016	.06232	8.0249	.76984	1.0349

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.203	.31186	1.4884	4.6526	8.1104	.69557	1.5194
Stddev	.057	.00043	.0199	.0092	.0601	.00284	.0040
%RSD	.35482	.13710	1.3334	.19675	.74107	.40811	.26366

#1	16.163	.31156	1.5024	4.6591	8.0679	.69357	1.5223
#2	16.244	.31216	1.4744	4.6462	8.1529	.69758	1.5166

Sample Name: J5741-59A Acquired: 11/5/2018 13:04:11 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7642 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31461	F 12.00	.00469	<.00000	F<.00000
Stddev	.00048	.07	.00560	.00551	2.4059
%RSD	.15200	.6204	119.45	.38889	1.0642

#1	.31428	12.06	.00073	-1.4123	-227.77
#2	.31495	11.95	.00865	-1.4200	-224.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4368.5	78167.	4809.3	99.479	3563.2
Stddev	15.4	156.	20.7	.939	15.2
%RSD	.35186	.19969	.43099	.94402	.42653

#1	4357.7	78056.	4824.0	98.815	3552.4
#2	4379.4	78277.	4794.7	100.14	3573.9

Sample Name: CCV02 Acquired: 11/5/2018 13:08:01 Type: Unk
Method: P4-ICP2(v2549) 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	5.2071	5.1055	5.0500	5.1969	5.2094	10.573	10.337	.25809
Stddev	.0067	.0154	.0097	.0166	.0136	.073	.030	.00021
%RSD	.12871	.30150	.19232	.31886	.26160	.68577	.28736	.08022
#1	5.2119	5.0946	5.0432	5.2086	5.2191	10.624	10.358	.25794
#2	5.2024	5.1164	5.0569	5.1852	5.1998	10.522	10.316	.25823
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5036	26.858	1.0742	2.5018	1.2980	4.9859	2.6023	25.508
Stddev	.0043	.119	.0049	.0057	.0022	.0602	.0039	.014
%RSD	.17095	.44393	.45727	.22655	.17007	1.2079	.14919	.05580
#1	2.5005	26.942	1.0777	2.4978	1.2995	4.9433	2.6050	25.497
#2	2.5066	26.773	1.0707	2.5058	1.2964	5.0285	2.5995	25.518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5086	1.2659	25.655	2.5882	2.5111	25.928	5.2143	5.2619
Stddev	.0060	.0047	.048	.0024	.0217	.082	.0046	.0156
%RSD	.23772	.36817	.18623	.09190	.86240	.31472	.08857	.29677
#1	2.5044	1.2626	25.621	2.5865	2.4958	25.985	5.2175	5.2730
#2	2.5128	1.2692	25.688	2.5899	2.5265	25.870	5.2110	5.2509
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0188	5.1956	5.0610	5.1077	5.2298	5.115	5.3859	5.4500
Stddev	.0221	.0016	.0232	.0109	.0227	.009	.0197	.3027
%RSD	.44036	.03024	.45801	.21335	.43381	.1695	.36637	5.5539
#1	5.0031	5.1945	5.0446	5.1154	5.2458	5.109	5.3999	5.6640
#2	5.0344	5.1967	5.0774	5.1000	5.2138	5.122	5.3720	5.2359

Sample Name: CCV02 Acquired: 11/5/2018 13:08:01 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4860
Stddev	1.2465
%RSD	50.139

#1	3.3674
#2	1.6046

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3631.9	65061.	3910.7	104.13	3876.8
Stddev	12.8	342.	10.1	.59	2.0
%RSD	.35170	.52594	.25848	.56471	.05256

#1	3622.9	64819.	3903.5	104.55	3875.3
#2	3640.9	65303.	3917.8	103.71	3878.2

Sample Name: CCB02 Acquired: 11/5/2018 13:11:46 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00059	-.00004	.00081	-.00078	-.00046	-.00087
Stddev	.00053	.00104	.00054	.00049	.00084	.00660	.00016
%RSD	42.306	175.69	1430.0	60.648	107.90	1441.9	18.084

#1	.00164	.00014	-.00042	.00116	-.00018	-.00512	-.00076
#2	.00088	-.00133	.00035	.00046	-.00137	.00421	-.00098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00002	.01074	-.00004	.00000	.00009	.00309
Stddev	.00011	.00004	.03260	.00014	.00015	.00053	.00441
%RSD	101.80	224.08	303.67	347.05	59071.	561.18	142.74

#1	-.00003	.00001	-.01232	-.00014	-.00011	.00047	-.00003
#2	-.00018	-.00005	.03379	.00006	.00011	-.00028	.00621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.03111	.00058	-.00012	-.09006	.00022	.00013
Stddev	.00001	.04961	.00012	.00004	.01081	.00011	.00003
%RSD	71.665	159.48	20.280	29.539	12.002	48.641	21.225

#1	.00001	-.00397	.00066	-.00010	-.08241	.00015	.00015
#2	.00003	.06619	.00049	-.00015	-.09770	.00030	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10319	.00050	.01396	.00136	.00308	.00030	-.00181
Stddev	.00834	.00023	.00579	.00182	.00006	.00063	.00168
%RSD	8.0823	46.288	41.439	134.23	1.8423	214.14	93.022

#1	.09729	.00066	.01805	.00264	.00304	-.00015	-.00299
#2	.10909	.00033	.00987	.00007	.00312	.00074	-.00062

Sample Name: CCB02 Acquired: 11/5/2018 13:11:46 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	.0008	.00000	F 3.8321	F<.00000
Stddev	.00013	.0015	.00002	.2153	.51285
%RSD	7.4961	185.5	674.14	5.6190	13.718

#1	-.00189	.0019	-.00001	3.9844	-4.1011
#2	-.00170	-.0003	.00002	3.6799	-3.3759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3830.3	68903.	3999.4	108.82	4430.7
Stddev	3.5	133.	3.1	.64	.1
%RSD	.09027	.19313	.07627	.59023	.00114

#1	3832.7	68809.	3997.2	109.28	4430.7
#2	3827.8	68997.	4001.5	108.37	4430.6

Sample Name: J5624-08DL2X20 Acquired: 11/5/2018 13:15:51 Type: Unk
Method: P4-ICP2(v2549) 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	.02879	-.00343	3.1563	.02251	.00611	37.866	.67123	.00532
Stddev	.00014	.00161	.0009	.00428	.00135	.029	.00044	.00010
%RSD	.48831	47.011	.02976	19.000	22.106	.07713	.06499	1.8020

#1	.02889	-.00457	3.1556	.02553	.00516	37.846	.67092	.00538
#2	.02869	-.00229	3.1569	.01948	.00707	37.887	.67154	.00525

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	208.86	1.9942	.11121	18.508	99.777	1.0256	27.579
Stddev	.00006	1.95	.0097	.00008	.003	.342	.0012	.026
%RSD	4.5712	.93322	.48747	.07066	.01511	.34273	.11254	.09609

#1	-.00131	207.48	2.0011	.11127	18.506	100.02	1.0264	27.598
#2	-.00123	210.24	1.9873	.11115	18.510	99.536	1.0248	27.560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31281	-.00000	2.8272	.20271	28.270	5.3572	.00751	.13095
Stddev	.00015	.00036	.0186	.00143	.026	.0295	.00060	.00008
%RSD	.04667	13909.	.65642	.70775	.09278	.55053	8.0181	.05784

#1	.31292	-.00026	2.8141	.20372	28.251	5.3363	.00794	.13090
#2	.31271	.00025	2.8403	.20169	28.288	5.3780	.00709	.13100

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55095	.92831	.61963	1.5699	.05015	1.652	.26929	5.1061
Stddev	.00004	.01411	.00081	.0104	.00048	.004	.00202	.0865
%RSD	.00693	1.5196	.13027	.65938	.94888	.2299	.74850	1.6934

#1	.55098	.93829	.61906	1.5626	.04982	1.655	.26787	5.1673
#2	.55092	.91834	.62020	1.5773	.05049	1.650	.27072	5.0450

Sample Name: J5624-08DL2X20 Acquired: 11/5/2018 13:15:51 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3040
Stddev 1.5317
%RSD 46.359

#1 2.2210
#2 4.3871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3578.9	64936.	3925.5	102.22	3749.5
Stddev	8.9	201.	5.8	.01	8.1
%RSD	.24820	.30942	.14681	.01159	.21723

#1	3572.6	64794.	3929.6	102.23	3743.7
#2	3585.2	65078.	3921.4	102.21	3755.3

Sample Name: J5624-10DLX10 Acquired: 11/5/2018 13:19:42 Type: Unk
 Method: P4-ICP2(v2549) 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	.00443	-.00200	.00522	.00363	-.00309	.02646	.00513	-.00007
Stddev	.00130	.00020	.00118	.00455	.00145	.00629	.00108	.00004
%RSD	29.298	10.244	22.638	125.41	46.840	23.761	21.108	56.576
#1	.00535	-.00214	.00438	.00685	-.00411	.02201	.00436	-.00010
#2	.00351	-.00185	.00606	.00041	-.00207	.03090	.00589	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	33.679	-.00095	-.00002	.00144	.05319	.00853	97.418
Stddev	.00002	.322	.00049	.00020	.00003	.00368	.00000	.004
%RSD	11.852	.95671	51.204	972.51	1.9083	6.9217	.00357	.00460
#1	-.00013	33.451	-.00130	.00012	.00142	.05579	.00853	97.415
#2	-.00016	33.907	-.00061	-.00016	.00146	.05059	.00853	97.421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	.00018	763.81	.00020	.00318	32.056	.00109	.36022
Stddev	.00018	.00045	7.22	.00007	.00001	.075	.00013	.00578
%RSD	5.5286	246.05	.94552	35.298	.42569	.23503	12.023	1.6052
#1	-.00305	-.00014	768.91	.00025	.00318	32.003	.00119	.36430
#2	-.00330	.00050	758.70	.00015	.00317	32.109	.00100	.35613
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.122	.39719	-.02683	-.00039	.02101	.0257	.62437	7.4456
Stddev	.238	.00232	.00103	.00009	.00467	.0007	.00371	.2165
%RSD	.32111	.58379	3.8531	23.237	22.212	2.788	.59394	2.9081
#1	73.953	.39883	-.02610	-.00032	.01771	.0262	.62174	7.5987
#2	74.290	.39556	-.02757	-.00045	.02431	.0252	.62699	7.2925

Sample Name: J5624-10DLX10 Acquired: 11/5/2018 13:19:42 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0581
Stddev	.2098
%RSD	4.1479

#1	5.2065
#2	4.9097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.4	58364.	3725.2	99.789	3431.1
Stddev	10.6	361.	15.4	.468	13.0
%RSD	.31954	.61796	.41277	.46910	.37977

#1	3317.9	58109.	3714.4	99.458	3421.9
#2	3333.0	58619.	3736.1	100.12	3440.3

Sample Name: J5729-03 Acquired: 11/5/2018 13:23:51 Type: Unk
Method: P4-ICP2(v2549) 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	.01197	-.00295	.02482	.00596	-.00210	.98356	.18844	-.00014
Stddev	.00253	.00082	.00070	.00010	.00151	.03053	.00095	.00005
%RSD	21.170	27.694	2.8036	1.6972	71.925	3.1044	.50298	36.454
#1	.01376	-.00353	.02531	.00603	-.00103	.96197	.18777	-.00010
#2	.01018	-.00237	.02433	.00589	-.00317	1.0052	.18911	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	97.382	.00360	.00158	.13216	6.5429	.99333	22.912
Stddev	.00005	.357	.00013	.00002	.00017	.0102	.00118	.230
%RSD	35.440	.36705	3.5355	1.4129	.12890	.15610	.11865	1.0026
#1	-.00011	97.129	.00351	.00157	.13204	6.5357	.99416	22.749
#2	-.00019	97.635	.00369	.00160	.13228	6.5501	.99249	23.074
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01374	-.00034	172.95	.00413	.14581	21.652	.01444	.62202
Stddev	.00005	.00026	.64	.00000	.00001	.047	.00013	.01283
%RSD	.38379	75.311	.36724	.00422	.00473	.21916	.92017	2.0628
#1	.01370	-.00016	172.50	.00413	.14581	21.686	.01434	.63109
#2	.01378	-.00052	173.40	.00413	.14582	21.619	.01453	.61294
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.222	F 26.065	-.00713	.02473	.12145	.2654	.61353	7.2536
Stddev	.009	.023	.00216	.00102	.00398	.0002	.00021	.1443
%RSD	.03367	.08804	30.331	4.1273	3.2777	.0639	.03420	1.9897
#1	27.215	26.049	-.00560	.02401	.12427	.2655	.61367	7.3556
#2	27.228	26.082	-.00866	.02545	.11864	.2652	.61338	7.1515

Sample Name: J5729-03 Acquired: 11/5/2018 13:23:51 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0738
Stddev	1.6895
%RSD	33.298

#1	3.8791
#2	6.2684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.5	59826.	3688.2	98.520	3585.4
Stddev	13.1	321.	3.8	.327	17.7
%RSD	.39453	.53697	.10354	.33200	.49326

#1	3322.2	59599.	3685.5	98.289	3572.9
#2	3340.8	60053.	3690.9	98.751	3597.9

Sample Name: J5755-13 Acquired: 11/5/2018 13:27:51 Type: Unk
Method: P4-ICP2(v2549) 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	.07437	-.01067	.17568	.03506	-.00140	121.41	2.9573
Stddev	.00049	.00129	.00276	.00032	.00017	.78	.0017
%RSD	.65559	12.059	1.5729	.89898	11.882	.63916	.05876

#1	.07403	-.00976	.17763	.03529	-.00152	120.86	2.9585
#2	.07472	-.01158	.17373	.03484	-.00128	121.95	2.9560

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00244	260.78	.14862	.10109	.25264	164.32
Stddev	.00004	.00017	1.84	.00230	.00087	.00153	2.60
%RSD	1.1042	6.7979	.70406	1.5449	.86029	.60531	1.5812

#1	.00330	-.00232	259.48	.14700	.10047	.25156	162.48
#2	.00336	-.00256	262.08	.15025	.10170	.25372	166.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2963	99.873	.13364	-.00168	208.57	.27604	.42516
Stddev	.0533	.474	.00052	.00035	.66	.00023	.00851
%RSD	.84703	.47463	.38593	21.047	.31422	.08347	2.0022

#1	6.2586	99.538	.13327	-.00193	208.11	.27588	.41914
#2	6.3340	100.21	.13400	-.00143	209.04	.27621	.43118

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.394	.00302	.29006	F 12.871	F 100.68	.00889	1.5915
Stddev	.067	.00042	.00851	.054	.64	.00083	.0069
%RSD	.54317	13.801	2.9323	.41650	.63733	9.3360	.43673

#1	12.347	.00331	.29607	12.833	100.23	.00947	1.5964
#2	12.442	.00272	.28404	12.908	101.13	.00830	1.5866

Sample Name: J5755-13 Acquired: 11/5/2018 13:27:51 Type: Unk
 Method: P4-ICP2(v2549) 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	.12613	3.145	.94203	4.9223	F<.00000
Stddev	.00105	.010	.00261	.2143	1.0426
%RSD	.83069	.3127	.27755	4.3534	5.3619

#1	.12539	3.138	.94018	4.7708	-20.182
#2	.12687	3.152	.94388	5.0738	-18.707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.9	64503.	4113.2	91.426	3241.0
Stddev	4.8	343.	11.1	1.655	16.1
%RSD	.13398	.53145	.27030	1.8103	.49806

#1	3615.3	64745.	4121.1	92.596	3252.5
#2	3608.5	64260.	4105.4	90.256	3229.6

Sample Name: J5778-06 Acquired: 11/5/2018 13:31:51 Type: Unk
Method: P4-ICP2(v2549) 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	-.00484	-.00224	-.00536	.00547	-.00184	.03508	.01274	-.00048
Stddev	.00272	.00114	.00070	.00133	.00071	.00291	.00114	.00012
%RSD	56.088	51.109	13.047	24.380	38.417	8.2928	8.9325	25.778

#1	-.00292	-.00304	-.00586	.00641	-.00234	.03302	.01194	-.00040
#2	-.00676	-.00143	-.00487	.00453	-.00134	.03714	.01355	-.00057

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	4.6012	.00253	.00070	.02411	25.838	.23290	1.2727
Stddev	.00006	.0726	.00055	.00003	.00006	.444	.00049	.0203
%RSD	6.4713	1.5783	21.667	4.9796	.26320	1.7192	.20922	1.5965

#1	-.00099	4.5499	.00214	.00073	.02416	26.153	.23324	1.2871
#2	-.00091	4.6526	.00292	.00068	.02407	25.524	.23255	1.2584

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	-.00121	3.1517	.00022	.07520	.86833	.00128	.03536
Stddev	.00009	.00019	.0395	.00003	.00161	.00645	.00018	.00322
%RSD	1.5135	15.991	1.2531	13.230	2.1359	.74276	14.035	9.1011

#1	.00582	-.00107	3.1796	.00025	.07633	.87289	.00115	.03309
#2	.00594	-.00134	3.1238	.00020	.07406	.86377	.00141	.03764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28032	.21133	.00041	-.00049	.00119	.0111	-.01507	5.2472
Stddev	.00228	.00046	.00004	.00156	.00317	.0005	.00047	.1978
%RSD	.81378	.21770	9.4902	319.93	266.42	4.777	3.1231	3.7688

#1	.28193	.21166	.00038	-.00160	.00343	.0115	-.01540	5.3871
#2	.27871	.21101	.00044	.00062	-.00105	.0107	-.01474	5.1074

Sample Name: J5778-06 Acquired: 11/5/2018 13:31:51 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.310
Stddev 1.584
%RSD 15.362

#1 9.1902
#2 11.430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.2	63971.	3774.1	101.95	4051.3
Stddev	22.5	455.	24.9	2.33	19.6
%RSD	.63071	.71149	.65958	2.2888	.48497

#1	3550.3	63649.	3756.5	100.30	4037.4
#2	3582.1	64293.	3791.7	103.60	4065.2

Sample Name: J5767-01 Acquired: 11/5/2018 13:35:54 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01178	-.01522	.32537	.05412	-.00096	137.88	.63620
Stddev	.00175	.00198	.00901	.00150	.00049	.14	.00026
%RSD	14.897	13.037	2.7687	2.7765	51.009	.10277	.04053

#1	.01054	-.01381	.31900	.05518	-.00061	137.98	.63602
#2	.01302	-.01662	.33174	.05305	-.00131	137.78	.63638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00502	122.79	.21351	.15197	1.4606	308.18
Stddev	.00002	.00057	.22	.00025	.00290	.0176	.18
%RSD	1.0862	11.462	.17678	.11876	1.9090	1.2049	.05840

#1	.00206	-.00542	122.94	.21333	.14992	1.4482	308.05
#2	.00209	-.00461	122.64	.21369	.15402	1.4731	308.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1406	74.162	.26392	-.00031	8.1558	.44267	.65538
Stddev	.0055	.359	.00449	.00020	.0081	.00054	.00094
%RSD	.13244	.48352	1.7015	65.572	.09908	.12226	.14324

#1	4.1445	74.416	.26075	-.00016	8.1615	.44305	.65472
#2	4.1368	73.908	.26710	-.00045	8.1501	.44229	.65604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.994	.01344	.29154	9.9183	2.2974	.02029	6.8716
Stddev	.010	.00041	.00726	.1603	.0046	.00017	.0058
%RSD	.04331	3.0298	2.4917	1.6162	.20172	.85589	.08480

#1	24.001	.01373	.28640	9.8049	2.3007	.02017	6.8757
#2	23.987	.01315	.29668	10.032	2.2942	.02041	6.8674

Sample Name: J5767-01 Acquired: 11/5/2018 13:35:54 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15864	F 14.06	-.00214	.07631	F<.00000
Stddev	.00044	.20	.00055	.03479	.16989
%RSD	.27673	1.418	25.657	45.592	.11047

#1	.15833	13.92	-.00175	.10091	-153.91
#2	.15895	14.21	-.00252	.05171	-153.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4225.8	75592.	4737.7	100.71	3615.8
Stddev	32.8	165.	13.9	.16	42.4
%RSD	.77630	.21863	.29299	.16195	1.1734

#1	4249.0	75475.	4727.9	100.60	3645.8
#2	4202.6	75709.	4747.5	100.83	3585.8

Sample Name: J5767-03 Acquired: 11/5/2018 13:39:49 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03362	-.01240	5.2478	.05811	.01543	158.27	2.0337
Stddev	.00044	.00127	.0069	.00100	.00090	1.52	.0114
%RSD	1.3164	10.238	.13166	1.7161	5.8131	.95750	.55951

#1	.03394	-.01330	5.2430	.05881	.01607	159.34	2.0417
#2	.03331	-.01150	5.2527	.05740	.01480	157.19	2.0256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	.00225	126.99	.28193	.15212	1.2961	341.11
Stddev	.00015	.00011	1.10	.00396	.00061	.0031	.81
%RSD	3.9229	4.9378	.86674	1.4059	.40410	.24109	.23639

#1	.00383	.00233	127.77	.28473	.15169	1.2939	340.54
#2	.00405	.00217	126.21	.27912	.15255	1.2983	341.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4072	65.372	.30875	.00241	10.807	.49960	2.5910
Stddev	.0710	.338	.00139	.00042	.076	.00666	.0145
%RSD	1.3130	.51709	.45162	17.247	.70628	1.3333	.55995

#1	5.4574	65.611	.30974	.00211	10.861	.50431	2.6012
#2	5.3570	65.133	.30776	.00270	10.753	.49489	2.5807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.014	.01097	.34918	8.9011	3.1369	.17338	4.7525
Stddev	.116	.00002	.00206	.0374	.0372	.00203	.0211
%RSD	.64570	.14025	.59061	.41966	1.1875	1.1717	.44489

#1	18.097	.01098	.35064	8.9275	3.1632	.17481	4.7675
#2	17.932	.01096	.34773	8.8747	3.1105	.17194	4.7375

Sample Name: J5767-03 Acquired: 11/5/2018 13:39:49 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19307	F 12.69	.12762	<.00000	F<.00000
Stddev	.00029	.00	.00610	.33217	.55136
%RSD	.14979	.0221	4.7822	36.971	.29135

#1	.19327	12.69	.13194	-.66360	-188.85
#2	.19286	12.69	.12331	-1.1334	-189.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4244.1	76859.	4797.2	101.90	3643.4
Stddev	.9	1032.	59.4	.44	.7
%RSD	.02063	1.3426	1.2377	.42958	.01860

#1	4243.5	76129.	4755.2	101.59	3643.9
#2	4244.7	77588.	4839.2	102.21	3642.9

Sample Name: J5767-05 Acquired: 11/5/2018 13:43:50 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03071	-.01363	1.2611	.06287	.00735	172.24	1.3830
Stddev	.00240	.00158	.0030	.00222	.00171	.02	.0056
%RSD	7.8295	11.603	.24009	3.5272	23.298	.00999	.40736

#1	.02901	-.01475	1.2589	.06130	.00856	172.23	1.3790
#2	.03242	-.01251	1.2632	.06443	.00614	172.26	1.3870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	-.00221	67.742	.35823	.15850	.84994	347.52
Stddev	.00012	.00096	.004	.00038	.00178	.00243	7.89
%RSD	2.6270	43.444	.00586	.10734	1.1241	.28578	2.2716

#1	.00475	-.00153	67.739	.35796	.15724	.84822	341.94
#2	.00458	-.00290	67.744	.35850	.15976	.85166	353.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1910	48.710	.29465	.00103	10.246	.52831	1.6312
Stddev	.0256	.315	.00226	.00092	.011	.00285	.0242
%RSD	.35600	.64610	.76740	89.458	.10728	.53901	1.4821

#1	7.1729	48.487	.29305	.00038	10.238	.52629	1.6141
#2	7.2091	48.932	.29625	.00169	10.254	.53032	1.6483

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.082	.00572	.30962	7.8171	2.5033	.09276	4.4224
Stddev	.021	.00037	.01682	.0467	.0068	.00120	.0035
%RSD	.15128	6.3925	5.4330	.59762	.27073	1.2897	.08013

#1	14.067	.00598	.29772	7.7841	2.4985	.09191	4.4199
#2	14.098	.00546	.32151	7.8501	2.5081	.09360	4.4249

Sample Name: J5767-05 Acquired: 11/5/2018 13:43:50 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18359	F 14.59	-.08210	<.00000	F<.00000
Stddev	.00223	.20	.00898	.16900	.09957
%RSD	1.2141	1.367	10.942	152.61	.05362

#1	.18201	14.45	-.07575	.00876	-185.64
#2	.18517	14.73	-.08846	-.23025	-185.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4176.7	74607.	4698.7	98.814	3546.1
Stddev	12.2	88.	9.7	1.289	23.3
%RSD	.29176	.11792	.20595	1.3039	.65632

#1	4185.3	74545.	4691.9	99.726	3562.5
#2	4168.1	74669.	4705.6	97.903	3529.6

Sample Name: J5767-07 Acquired: 11/5/2018 13:47:51 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02575	-.01101	1.2604	.05522	.00370	162.97	1.2859
Stddev	.00083	.00345	.0074	.00068	.00063	1.08	.0054
%RSD	3.2285	31.331	.58740	1.2349	17.016	.66294	.41647

#1	.02634	-.01345	1.2552	.05473	.00414	163.73	1.2897
#2	.02517	-.00857	1.2657	.05570	.00325	162.20	1.2821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	-.00283	67.926	.22776	.12064	.68386	302.54
Stddev	.00013	.00074	.092	.00019	.00068	.00073	8.31
%RSD	2.7602	26.255	.13562	.08124	.56465	.10664	2.7477

#1	.00452	-.00231	67.991	.22789	.12016	.68335	296.66
#2	.00470	-.00336	67.861	.22763	.12112	.68438	308.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9702	41.870	.24421	.00066	10.790	.38581	1.3322
Stddev	.0145	.132	.00149	.00072	.011	.00026	.0413
%RSD	.29191	.31561	.60986	108.78	.10108	.06650	3.1021

#1	4.9805	41.776	.24316	.00015	10.797	.38599	1.3029
#2	4.9599	41.963	.24526	.00117	10.782	.38563	1.3614

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.811	.00474	.25917	6.8468	3.3802	.06727	3.2827
Stddev	.059	.00030	.01973	.0336	.0025	.00061	.0036
%RSD	.49586	6.2292	7.6144	.49080	.07449	.91093	.10809

#1	11.852	.00453	.24521	6.8231	3.3784	.06770	3.2853
#2	11.769	.00495	.27312	6.8706	3.3820	.06683	3.2802

Sample Name: J5767-07 Acquired: 11/5/2018 13:47:51 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-110118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14940	7.824	.04528	<.00000	F<.00000
Stddev	.00115	.043	.01102	.23849	2.6549
%RSD	.77291	.5504	24.337	45.396	1.6908

#1	.15022	7.794	.05307	-.35671	-158.90
#2	.14859	7.854	.03749	-.69398	-155.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4236.8	75824.	4752.1	102.72	3712.9
Stddev	.4	349.	1.4	2.92	10.5
%RSD	.00927	.46084	.02956	2.8404	.28400

#1	4237.1	75577.	4751.1	104.78	3720.3
#2	4236.5	76071.	4753.1	100.65	3705.4

Sample Name: J5769-01 Acquired: 11/5/2018 13:51:52 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WAGARAW-RD-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05557	-.01257	1.6271	.04897	.02146	130.87	.88619
Stddev	.00171	.00023	.0172	.00211	.00135	1.33	.00387
%RSD	3.0811	1.8658	1.0590	4.3069	6.2962	1.0182	.43690

#1	.05678	-.01273	1.6149	.05046	.02051	131.81	.88892
#2	.05436	-.01240	1.6393	.04748	.02242	129.93	.88345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00470	.00081	460.45	.32869	.10992	6.3022	262.83
Stddev	.00018	.00037	.42	.00137	.00029	.0372	1.39
%RSD	3.9164	45.990	.09115	.41744	.26388	.59045	.52710

#1	.00457	.00055	460.16	.32966	.10972	6.2759	263.81
#2	.00483	.00108	460.75	.32772	.11013	6.3285	261.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6163	80.651	.25513	.00194	3.5887	.43792	1.8349
Stddev	.0488	.446	.00153	.00053	.0030	.00545	.0152
%RSD	1.0571	.55281	.60129	27.453	.08349	1.2445	.82599

#1	4.6508	80.335	.25405	.00157	3.5908	.44178	1.8456
#2	4.5818	80.966	.25622	.00232	3.5865	.43407	1.8242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.289	.01612	.39788	9.5229	3.5146	1.0985	4.0835
Stddev	.024	.00015	.00775	.0323	.0188	.0077	.0010
%RSD	.23560	.91116	1.9476	.33885	.53499	.69701	.02444

#1	10.306	.01602	.40336	9.5001	3.5279	1.0931	4.0828
#2	10.272	.01623	.39240	9.5457	3.5013	1.1040	4.0842

Sample Name: J5769-01 Acquired: 11/5/2018 13:51:52 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WAGARAW-RD-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14908	9.370	1.5009	.28783	F<.00000
Stddev	.00090	.029	.0046	.27964	2.4698
%RSD	.60080	.3064	.30840	97.153	2.2813

#1	.14845	9.350	1.5042	.48556	-110.01
#2	.14971	9.390	1.4977	.09010	-106.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4110.4	73716.	4799.4	102.05	3528.0
Stddev	11.5	877.	13.1	1.11	10.8
%RSD	.27941	1.1892	.27267	1.0888	.30642

#1	4118.5	73097.	4790.1	101.26	3535.6
#2	4102.3	74336.	4808.6	102.83	3520.3

Sample Name: CCV03 Acquired: 11/5/2018 13:55:53 Type: Unk
Method: P4-ICP2(v2549) 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	5.4708	5.3821	5.2787	5.4632	5.4675	10.846	10.472	.26500
Stddev	.1587	.1795	.1726	.1721	.1670	.032	.104	.00135
%RSD	2.9011	3.3356	3.2705	3.1500	3.0541	.29896	.99720	.50869
#1	5.5830	5.5090	5.4008	5.5849	5.5855	10.823	10.398	.26404
#2	5.3586	5.2552	5.1567	5.3415	5.3494	10.869	10.546	.26595
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6225	26.631	1.0979	2.6291	1.3591	5.0399	2.6697	25.415
Stddev	.0865	.248	.0091	.0871	.0438	.0511	.0214	.335
%RSD	3.2979	.93012	.82474	3.3127	3.2251	1.0136	.80211	1.3175
#1	2.6837	26.456	1.0915	2.6907	1.3900	5.0760	2.6546	25.179
#2	2.5614	26.806	1.1043	2.5675	1.3281	5.0037	2.6849	25.652
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6343	1.2961	25.925	2.6459	2.5330	25.967	5.4640	5.2245
Stddev	.0887	.0069	.276	.0142	.0470	.143	.1566	.0576
%RSD	3.3683	.53399	1.0654	.53599	1.8571	.54891	2.8655	1.1033
#1	2.6970	1.2912	25.730	2.6359	2.5663	25.866	5.5747	5.1837
#2	2.5715	1.3010	26.121	2.6559	2.4997	26.067	5.3533	5.2653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3268	5.1894	5.3214	5.1092	5.2725	5.428	5.4094	F 6.0374
Stddev	.1817	.1084	.1739	.0440	.0493	.172	.0501	.0789
%RSD	3.4104	2.0895	3.2683	.86108	.93516	3.178	.92601	1.3067
#1	5.4552	5.1127	5.4443	5.0781	5.2377	5.550	5.3740	5.9817
#2	5.1983	5.2660	5.1984	5.1403	5.3074	5.306	5.4448	6.0932

Sample Name: CCV03 Acquired: 11/5/2018 13:55:53 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5448
Stddev 1.1469
%RSD 32.355

#1 2.7338
#2 4.3559

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.3	63470.	3951.3	103.88	3708.9
Stddev	88.9	248.	49.0	1.58	109.3
%RSD	2.5476	.39074	1.2409	1.5199	2.9455

#1	3426.4	63646.	3986.0	102.76	3631.6
#2	3552.2	63295.	3916.7	105.00	3786.1

Sample Name: CCB03 Acquired: 11/5/2018 13:59:37 Type: Unk
Method: P4-ICP2(v2549) 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	-.00065	-.00040	-.00026	.00191	-.00034	-.00601	.00018
Stddev	.00013	.00120	.00023	.00187	.00009	.01132	.00056
%RSD	20.397	298.77	87.505	97.644	25.905	188.29	306.56

#1	-.00075	.00045	-.00042	.00323	-.00027	-.01402	-.00021
#2	-.00056	-.00125	-.00010	.00059	-.00040	.00199	.00058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00009	.01394	-.00040	-.00002	-.00024	-.00366
Stddev	.00008	.00003	.00436	.00039	.00025	.00037	.00454
%RSD	62.855	36.196	31.288	97.169	1049.1	156.12	124.25

#1	-.00018	-.00012	.01703	-.00012	.00015	.00002	-.00044
#2	-.00007	-.00007	.01086	-.00067	-.00020	-.00050	-.00687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00430	-.00021	-.00086	-.12773	-.00033	.00011
Stddev	.00005	.00346	.00014	.00020	.00345	.00017	.00010
%RSD	102.63	80.467	68.480	22.921	2.6977	52.477	86.232

#1	.00009	.00185	-.00011	-.00072	-.12529	-.00045	.00004
#2	.00001	.00675	-.00031	-.00099	-.13016	-.00021	.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11880	.00045	-.00698	.00118	.00741	.00058	-.00000
Stddev	.01099	.00016	.01237	.00154	.00408	.00066	.00125
%RSD	9.2518	36.600	177.17	130.72	55.102	114.25	28729.

#1	.11103	.00033	.00176	.00227	.01029	.00105	.00088
#2	.12657	.00057	-.01573	.00009	.00452	.00011	-.00089

Sample Name: CCB03 Acquired: 11/5/2018 13:59:37 Type: Unk
 Method: P4-ICP2(v2549) 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	.00141	.0003	-.00010	F 4.9470	F<.00000
Stddev	.00235	.0005	.00000	.1544	.40274
%RSD	166.52	161.9	4.1803	3.1204	13.743

#1	-.00025	-.0000	-.00010	5.0562	-3.2154
#2	.00308	.0006	-.00009	4.8379	-2.6458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3744.6	66551.	3917.4	107.41	4333.8
Stddev	23.4	1378.	24.2	1.59	20.1
%RSD	.62372	2.0698	.61888	1.4813	.46481

#1	3728.0	65576.	3934.6	108.53	4319.6
#2	3761.1	67525.	3900.3	106.28	4348.1

Sample Name: J5690-01 Acquired: 11/5/2018 14:03:43 Type: Unk
Method: P4-ICP2(v2549) 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	.00531	-.00418	.01448	.01566	-.00207	4.6029	.24869	-.00019
Stddev	.00269	.00137	.00131	.00198	.00019	.0279	.00562	.00011
%RSD	50.665	32.706	9.0350	12.654	9.1168	.60505	2.2613	58.092

#1	.00341	-.00514	.01355	.01426	-.00220	4.5832	.25266	-.00028
#2	.00722	-.00321	.01540	.01706	-.00194	4.6226	.24471	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	58.253	.00531	.00291	.04314	38.829	4.6158	48.493
Stddev	.00029	1.533	.00001	.00018	.00122	1.178	.0287	.897
%RSD	28.617	2.6322	.22519	6.0063	2.8172	3.0334	.62145	1.8502

#1	-.00122	59.337	.00532	.00304	.04228	39.662	4.5955	49.128
#2	-.00081	57.169	.00530	.00279	.04400	37.997	4.6360	47.859

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	-.00038	43.803	.01442	.03847	3.5348	.00572	.12670
Stddev	.00003	.00021	1.368	.00024	.00179	.0704	.00035	.00016
%RSD	1.6590	54.861	3.1229	1.6483	4.6445	1.9907	6.1427	.12394

#1	.00194	-.00023	44.770	.01425	.03974	3.5846	.00597	.12659
#2	.00199	-.00052	42.836	.01459	.03721	3.4851	.00547	.12681

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7749	F 30.712	.00055	.07159	.03391	1.199	.49025	7.1366
Stddev	.0092	.865	.00078	.00506	.00112	.004	.01353	.1146
%RSD	.19178	2.8160	141.36	7.0743	3.3113	.3419	2.7595	1.6057

#1	4.7684	31.324	.00111	.07518	.03470	1.196	.49982	7.0556
#2	4.7814	30.101	.00000	.06801	.03311	1.202	.48069	7.2176

Sample Name: J5690-01 Acquired: 11/5/2018 14:03:43 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 18.118
 Stddev .939
 %RSD 5.1836

#1 17.454
 #2 18.782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.5	61565.	3791.3	99.425	3671.4
Stddev	4.8	69.	122.4	4.410	19.3
%RSD	.14126	.11246	3.2284	4.4359	.52687

#1	3395.2	61614.	3704.8	96.306	3685.0
#2	3401.9	61516.	3877.9	102.54	3657.7

Sample Name: J5690-02 Acquired: 11/5/2018 14:14:23 Type: Unk
Method: P4-ICP2(v2549) 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	.89515	2.1756	1.0769	2.2056	.90651	10.555	.52312	.21718
Stddev	.01834	.0238	.0091	.0298	.00509	.056	.00009	.00061
%RSD	2.0487	1.0937	.84343	1.3517	.56179	.52606	.01733	.28280

#1	.88218	2.1588	1.0705	2.1845	.90291	10.516	.52319	.21675
#2	.90812	2.1924	1.0833	2.2267	.91011	10.595	.52306	.21761

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21185	64.881	.46918	.22077	.38090	46.465	4.9993	55.450
Stddev	.00165	.246	.00183	.00185	.00410	.080	.0266	.067
%RSD	.77955	.37874	.38961	.83616	1.0761	.17259	.53243	.12074

#1	.21068	64.707	.46788	.21946	.37800	46.522	4.9805	55.497
#2	.21302	65.055	.47047	.22207	.38380	46.409	5.0181	55.402

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54324	.07567	51.085	.35535	.26340	16.163	.48155	.48886
Stddev	.00359	.00054	.003	.00132	.00342	.047	.00468	.02004
%RSD	.66062	.71607	.00536	.37055	1.2988	.29339	.97257	4.0999

#1	.54070	.07529	51.087	.35442	.26098	16.197	.47823	.50303
#2	.54578	.07605	51.083	.35629	.26582	16.129	.48486	.47468

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8409	F 39.860	.78552	.47357	.28070	7.798	.77553	6.8994
Stddev	.0103	.061	.00488	.00087	.00096	.052	.00291	.0330
%RSD	.21221	.15257	.62070	.18430	.34296	.6680	.37539	.47781

#1	4.8337	39.903	.78208	.47418	.28002	7.761	.77759	6.8760
#2	4.8482	39.817	.78897	.47295	.28138	7.835	.77348	6.9227

Sample Name: J5690-02 Acquired: 11/5/2018 14:14:23 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.907
Stddev .280
%RSD 2.0152

#1 14.105
#2 13.708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.7	61667.	3729.1	96.344	3653.7
Stddev	12.4	20.	20.2	.121	23.4
%RSD	.36298	.03275	.54213	.12577	.64124

#1	3403.0	61681.	3714.8	96.430	3637.2
#2	3420.5	61653.	3743.4	96.259	3670.3

Sample Name: PB114500BL Acquired: 11/5/2018 14:25:44 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	-.00088	.00085	-.00031	-.00005	-.00587	.00100
Stddev	.00094	.00121	.00094	.00169	.00057	.01068	.00017
%RSD	88.280	136.51	109.83	537.36	1131.1	181.84	17.211

#1	-.00173	-.00174	.00151	-.00151	-.00045	.00168	.00112
#2	-.00040	-.00003	.00019	.00088	.00035	-.01343	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00001	.00399	-.00052	.00027	-.00022	.00866
Stddev	.00002	.00001	.01477	.00029	.00003	.00034	.01052
%RSD	35.999	58.179	370.64	54.577	12.682	149.93	121.47

#1	-.00006	-.00001	-.00646	-.00032	.00029	.00001	.00122
#2	-.00004	-.00002	.01443	-.00072	.00025	-.00046	.01610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00852	.00038	-.00003	-.13642	-.00000	.00003
Stddev	.00004	.01936	.00027	.00001	.00131	.00036	.00000
%RSD	120.06	227.40	70.524	23.568	.96032	7727.9	6.9119

#1	.00000	-.00518	.00056	-.00003	-.13549	.00025	.00003
#2	.00005	.02221	.00019	-.00004	-.13734	-.00026	.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05622	.00011	.00600	.00217	.00681	-.00061	-.00050
Stddev	.04161	.00023	.00169	.00294	.00144	.00000	.00043
%RSD	74.011	209.69	28.202	135.19	21.098	.29550	85.894

#1	.08564	-.00005	.00720	.00010	.00579	-.00061	-.00081
#2	.02680	.00027	.00480	.00425	.00782	-.00061	-.00020

Sample Name: PB114500BL Acquired: 11/5/2018 14:25:44 Type: Unk
Method: P4-ICP2(v2549) 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	.00001	-.0004	-.00001	F 4.1901	F<.00000
Stddev	.00023	.0003	.00009	.2044	1.4737
%RSD	3948.8	61.68	890.38	4.8778	47.985

#1	.00016	-.0003	.00005	4.0455	-4.1133
#2	-.00015	-.0006	-.00007	4.3346	-2.0291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.3	68864.	3993.7	111.09	4427.0
Stddev	19.1	204.	17.6	1.85	13.8
%RSD	.50083	.29572	.44159	1.6655	.31063

#1	3800.8	69008.	3981.3	109.78	4417.3
#2	3827.8	68720.	4006.2	112.40	4436.8

Sample Name: PB114500TB Acquired: 11/5/2018 14:33:40 Type: Unk
Method: P4-ICP2(v2549) 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	-.00177	-.00318	.00169	.00200	.00052	-.01165	.00092
Stddev	.00112	.00039	.00144	.00295	.00084	.02107	.00006
%RSD	63.384	12.297	85.085	147.45	160.76	180.85	6.1941

#1	-.00256	-.00346	.00270	.00409	-.00007	.00325	.00096
#2	-.00098	-.00290	.00067	-.00009	.00112	-.02655	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00009	.10852	.00070	-.00014	-.00013	.01107
Stddev	.00006	.00006	.01070	.00025	.00005	.00007	.00465
%RSD	142.63	59.544	9.8579	36.093	33.267	52.527	41.968

#1	.00000	-.00005	.11608	.00087	-.00017	-.00008	.01436
#2	-.00009	-.00013	.10095	.00052	-.00011	-.00018	.00779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00748	.00156	.00143	F 329.98	.00011	F .02020
Stddev	.00001	.03481	.00031	.00051	1.39	.00029	.00051
%RSD	3.7052	465.19	19.542	35.568	.41998	266.15	2.5468

#1	.00036	.03210	.00178	.00107	330.96	.00031	.01984
#2	.00038	-.01713	.00135	.00179	329.00	-.00009	.02057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22592	.00073	.00567	.00971	.02583	.00131	-.00072
Stddev	.01582	.00018	.00903	.00010	.00555	.00027	.00191
%RSD	7.0017	24.836	159.27	1.0805	21.475	20.432	266.58

#1	.21474	.00061	.01206	.00978	.02975	.00150	-.00207
#2	.23711	.00086	-.00072	.00963	.02191	.00112	.00064

Sample Name: PB114500TB Acquired: 11/5/2018 14:33:40 Type: Unk
 Method: P4-ICP2(v2549) 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	.00313	.0000	.00009	F 6.9028	F<.00000
Stddev	.00101	.0014	.00013	.1384	.04920
%RSD	32.296	3138.	143.33	2.0048	11.612

#1	.00242	.0010	.00018	6.8049	-.45851
#2	.00384	-.0009	-.00000	7.0006	-.38892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.4	60297.	3736.2	96.858	3581.6
Stddev	12.2	66.	23.8	1.497	23.9
%RSD	.36599	.10991	.63574	1.5453	.66739

#1	3322.8	60250.	3719.4	97.917	3564.7
#2	3340.1	60344.	3752.9	95.800	3598.5

Sample Name: J5690-03 Acquired: 11/5/2018 14:37:52 Type: Unk
Method: P4-ICP2(v2549) 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	.87600	2.1355	1.0590	2.1606	.88029	9.7838	.49594	.21438
Stddev	.00399	.0060	.0019	.0051	.00023	.1210	.00064	.00166
%RSD	.45505	.28264	.17801	.23541	.02627	1.2363	.12857	.77557
#1	.87882	2.1398	1.0603	2.1570	.88045	9.6982	.49639	.21321
#2	.87318	2.1312	1.0577	2.1642	.88012	9.8693	.49549	.21556
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20781	60.615	.46000	.21660	.37256	43.400	4.8043	52.645
Stddev	.00011	.666	.00114	.00020	.00163	.954	.0129	.410
%RSD	.05434	1.0983	.24843	.09204	.43647	2.1989	.26767	.77963
#1	.20789	61.086	.45919	.21675	.37141	44.075	4.7952	52.355
#2	.20773	60.145	.46081	.21646	.37371	42.726	4.8134	52.935
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53477	.07395	48.273	.34925	.25200	15.601	.47075	.46836
Stddev	.00121	.00001	.505	.00213	.00551	.014	.00008	.00412
%RSD	.22690	.00751	1.0465	.61072	2.1876	.09090	.01710	.87874
#1	.53563	.07395	48.630	.34774	.25590	15.591	.47069	.46545
#2	.53391	.07396	47.916	.35076	.24810	15.611	.47081	.47127
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7599	F 37.568	.76631	.44945	.27070	7.607	.73141	6.3730
Stddev	.0146	.353	.00201	.01554	.00057	.015	.00785	.2587
%RSD	.30595	.94075	.26295	3.4569	.20948	.1960	1.0735	4.0599
#1	4.7702	37.818	.76773	.43846	.27110	7.597	.73696	6.5559
#2	4.7496	37.318	.76488	.46044	.27030	7.618	.72586	6.1900

Sample Name: J5690-03 Acquired: 11/5/2018 14:37:52 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.261
Stddev 1.501
%RSD 9.8360

#1 16.322
#2 14.199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.6	62163.	3742.2	98.244	3649.0
Stddev	15.8	6.	56.9	2.573	23.2
%RSD	.46382	.00968	1.5208	2.6191	.63611

#1	3397.4	62167.	3701.9	96.424	3632.6
#2	3419.7	62159.	3782.4	100.06	3665.4

Sample Name: J5690-01A Acquired: 11/5/2018 14:41:38 Type: Unk
Method: P4-ICP2(v2549) 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	.86294	2.0985	1.0399	2.1270	.86181	9.8986	.50311	.21733
Stddev	.00170	.0060	.0059	.0011	.00206	.0800	.00009	.00097
%RSD	.19695	.28839	.56988	.05116	.23876	.80841	.01713	.44701
#1	.86414	2.0943	1.0357	2.1262	.86036	9.9552	.50305	.21801
#2	.86174	2.1028	1.0441	2.1277	.86327	9.8420	.50317	.21664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20402	61.344	.46801	.21358	.36560	44.427	4.8662	52.948
Stddev	.00049	.535	.00187	.00144	.00224	.448	.0232	.205
%RSD	.24214	.87273	.40060	.67450	.61217	1.0076	.47665	.38812
#1	.20367	60.966	.46933	.21256	.36401	44.110	4.8826	52.803
#2	.20437	61.723	.46668	.21460	.36718	44.744	4.8498	53.093
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52491	.07605	49.193	.35455	.25733	15.717	.46126	.47238
Stddev	.00377	.00013	.319	.00024	.00225	.012	.00217	.00300
%RSD	.71774	.16444	.64794	.06799	.87545	.07846	.46968	.63446
#1	.52225	.07596	48.967	.35438	.25574	15.708	.45973	.47450
#2	.52757	.07614	49.418	.35472	.25892	15.726	.46279	.47026
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6870	F 37.937	.75245	.44714	.27486	7.478	.74470	6.8286
Stddev	.0259	.323	.00371	.00949	.00254	.017	.00497	.4037
%RSD	.55315	.85072	.49245	2.1222	.92547	.2292	.66771	5.9111
#1	4.6687	37.709	.74983	.45385	.27306	7.466	.74118	7.1141
#2	4.7053	38.165	.75507	.44043	.27666	7.490	.74821	6.5432

Sample Name: J5690-01A Acquired: 11/5/2018 14:41:38 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.519
Stddev	1.377
%RSD	9.4824

#1	13.546
#2	15.493

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.0	61361.	3694.1	95.812	3695.2
Stddev	4.5	430.	20.9	.274	4.0
%RSD	.13110	.70029	.56500	.28605	.10739

#1	3452.8	61058.	3708.8	96.006	3692.4
#2	3459.2	61665.	3679.3	95.619	3698.0

Sample Name: PB114499BL Acquired: 11/5/2018 14:45:25 Type: Unk
Method: P4-ICP2(v2549) 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	-.00102	.00004	-.00039	.00235	-.00057	-.01544	.00027
Stddev	.00204	.00143	.00036	.00123	.00028	.00125	.00034
%RSD	200.53	3258.5	93.055	52.235	49.825	8.0884	123.36

#1	-.00246	-.00097	-.00064	.00322	-.00037	-.01456	.00003
#2	.00043	.00105	-.00013	.00148	-.00077	-.01632	.00051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00004	.02289	-.00018	.00000	.00036	.00191
Stddev	.00003	.00006	.00486	.00020	.00002	.00019	.01343
%RSD	35.499	158.18	21.223	109.43	515.90	51.584	703.02

#1	-.00007	.00000	.02632	-.00004	-.00001	.00049	-.00758
#2	-.00011	-.00008	.01945	-.00032	.00002	.00023	.01140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.03810	.00020	-.00006	-.10086	.00022	-.00000
Stddev	.00003	.01901	.00041	.00006	.01299	.00003	.00001
%RSD	97.221	49.889	199.49	98.248	12.881	13.838	758.66

#1	.00005	.05154	.00049	-.00002	-.09168	.00020	.00001
#2	.00001	.02466	-.00008	-.00010	-.11005	.00024	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05637	.00023	-.00109	.00109	.00699	-.00044	-.00163
Stddev	.01472	.00039	.00257	.00477	.00210	.00020	.00191
%RSD	26.114	168.64	236.73	437.03	30.014	44.795	117.27

#1	.06678	-.00004	.00073	-.00228	.00848	-.00058	-.00298
#2	.04596	.00051	-.00290	.00446	.00551	-.00030	-.00028

Sample Name: PB114499BL Acquired: 11/5/2018 14:45:25 Type: Unk
Method: P4-ICP2(v2549) 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	.00030	-.0009	.00008	F 4.2176	F<.00000
Stddev	.00082	.0007	.00008	.3743	.42900
%RSD	268.18	80.37	106.27	8.8752	20.949

#1	.00088	-.0014	.00014	3.9529	-1.7445
#2	-.00027	-.0004	.00002	4.4823	-2.3512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.3	68426.	4026.1	112.12	4411.3
Stddev	14.8	68.	3.7	1.56	14.0
%RSD	.39048	.09880	.09181	1.3875	.31779

#1	3790.8	68474.	4028.7	111.02	4401.4
#2	3811.8	68378.	4023.5	113.22	4421.2

Sample Name: PB114499TB Acquired: 11/5/2018 14:53:18 Type: Unk
Method: P4-ICP2(v2549) 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	-.00363	-.00367	.00139	.00292	-.00050	-.00861	.00073	-.00015
Stddev	.00018	.00111	.00003	.00013	.00021	.00922	.00049	.00003
%RSD	5.0620	30.115	2.4115	4.3254	41.729	107.04	66.393	20.126

#1	-.00376	-.00445	.00142	.00301	-.00065	-.00209	.00108	-.00013
#2	-.00350	-.00289	.00137	.00283	-.00035	-.01513	.00039	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.02046	.00065	.00003	.00024	-.00538	.00032	.00240
Stddev	.00000	.02197	.00042	.00007	.00050	.01270	.00001	.03464
%RSD	.80256	107.35	63.900	212.12	204.99	235.88	2.8813	1443.0

#1	-.00012	.03600	.00036	.00008	.00060	-.01436	.00033	.02690
#2	-.00013	.00493	.00095	-.00002	-.00011	.00360	.00032	-.02210

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	.00263	F 439.35	-.00045	.00120	.21186	.00028	.01047
Stddev	.00015	.00008	.01	.00084	.00004	.00810	.00022	.00028
%RSD	6.3124	3.1571	.00181	183.98	3.6542	3.8242	78.807	2.6801

#1	.00226	.00268	439.36	.00014	.00123	.20613	.00044	.01027
#2	.00247	.00257	439.35	-.00105	.00116	.21759	.00013	.01066

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00507	.01490	.00189	.00121	.00482	-.0030	-.00015	F 7.1171
Stddev	.00005	.00274	.00010	.00147	.00005	.0002	.00008	.1812
%RSD	1.0726	18.402	5.2132	121.76	1.1395	5.273	55.387	2.5464

#1	.00511	.01296	.00196	.00225	.00478	-.0029	-.00021	6.9890
#2	.00503	.01684	.00182	.00017	.00486	-.0031	-.00009	7.2453

Sample Name: PB114499TB Acquired: 11/5/2018 14:53:18 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .87774
Stddev .91631
%RSD 104.39

#1 .22982
#2 1.5257

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.1	59351.	3716.6	100.13	3521.5
Stddev	26.4	134.	5.2	.08	26.9
%RSD	.79931	.22553	.13923	.08239	.76425

#1	3279.5	59445.	3713.0	100.08	3502.5
#2	3316.8	59256.	3720.3	100.19	3540.6

Sample Name: PB114500BS Acquired: 11/5/2018 15:01:18 Type: Unk
Method: P4-ICP2(v2549) 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	.85487	2.1548	1.0447	2.1265	.88422	2.1346	.20234
Stddev	.00551	.0098	.0036	.0198	.01026	.0227	.00025
%RSD	.64453	.45386	.34362	.92921	1.1607	1.0629	.12328

#1	.85876	2.1617	1.0473	2.1405	.89148	2.1186	.20216
#2	.85097	2.1479	1.0422	2.1125	.87697	2.1507	.20252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20770	.20437	1.0445	.46305	.21391	.34446	2.8062
Stddev	.00061	.00104	.0056	.00135	.00036	.00221	.0162
%RSD	.29502	.50958	.53471	.29067	.16828	.64127	.57584

#1	.20726	.20511	1.0484	.46401	.21417	.34602	2.8176
#2	.20813	.20363	1.0406	.46210	.21366	.34290	2.7948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22944	1.9284	.53397	.07357	2.9523	.33211	.19149
Stddev	.00032	.0710	.00259	.00025	.0109	.00051	.00284
%RSD	.14082	3.6816	.48520	.33319	.37034	.15477	1.4806

#1	.22921	1.8782	.53581	.07374	2.9600	.33174	.19349
#2	.22967	1.9786	.53214	.07339	2.9446	.33247	.18948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8822	.47322	.29898	F .75043	.91696	.75061	.19677
Stddev	.0265	.00297	.00307	.00063	.01279	.00281	.00550
%RSD	.26802	.62664	1.0254	.08361	1.3951	.37417	2.7969

#1	9.9009	.47532	.30115	.75088	.92600	.75260	.20066
#2	9.8635	.47113	.29681	.74999	.90791	.74862	.19287

Sample Name: PB114500BS Acquired: 11/5/2018 15:01:18 Type: Unk
 Method: P4-ICP2(v2549) 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	.20644	5.977	.20804	F 5.4662	F<.00000
Stddev	.00006	.027	.00146	.1187	.30710
%RSD	.02720	.4513	.70377	2.1724	5.7786

#1	.20648	5.996	.20907	5.3822	-5.5316
#2	.20640	5.958	.20700	5.5501	-5.0973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.1	64297.	4182.3	114.79	3967.5
Stddev	26.2	82.	32.1	1.69	18.5
%RSD	.74739	.12741	.76696	1.4681	.46545

#1	3489.5	64355.	4159.7	113.60	3954.5
#2	3526.6	64239.	4205.0	115.98	3980.6

Sample Name: PB114499BS Acquired: 11/5/2018 15:05:08 Type: Unk
Method: P4-ICP2(v2549) 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	.85943	2.1600	1.0466	2.1356	.88298	2.1954	.23194
Stddev	.00263	.0120	.0046	.0043	.00449	.0152	.00081
%RSD	.30579	.55519	.43630	.20151	.50829	.69233	.34775

#1	.85757	2.1515	1.0433	2.1326	.87981	2.2061	.23251
#2	.86129	2.1685	1.0498	2.1387	.88616	2.1846	.23137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20781	.20489	F 1.2140	.46261	.21428	.34556	3.3108
Stddev	.00031	.00068	.0002	.00110	.00168	.00170	.0336
%RSD	.14925	.33367	.01463	.23780	.78553	.49293	1.0144

#1	.20802	.20441	1.2142	.46339	.21309	.34436	3.3345
#2	.20759	.20537	1.2139	.46183	.21547	.34677	3.2870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23033	2.2778	.53527	.07398	3.4028	.33403	.21909
Stddev	.00008	.0003	.00210	.00026	.0017	.00011	.00029
%RSD	.03456	.01440	.39212	.34487	.05087	.03243	.13156

#1	.23027	2.2781	.53379	.07416	3.4040	.33396	.21930
#2	.23038	2.2776	.53676	.07380	3.4016	.33411	.21889

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.199	.47337	.33924	F .76019	1.0324	.75081	.22898
Stddev	.004	.00162	.00221	.00072	.0146	.00331	.00175
%RSD	.03490	.34299	.65159	.09524	1.4099	.44038	.76269

#1	11.202	.47222	.34081	.75968	1.0221	.74847	.23021
#2	11.196	.47452	.33768	.76070	1.0427	.75314	.22774

Sample Name: PB114499BS Acquired: 11/5/2018 15:05:08 Type: Unk
Method: P4-ICP2(v2549) 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	.23400	5.981	.23644	F 5.5983	F<.00000
Stddev	.00198	.010	.00012	.3291	.77715
%RSD	.84571	.1626	.05078	5.8779	13.892

#1	.23260	5.974	.23652	5.8310	-5.0445
#2	.23540	5.988	.23635	5.3656	-6.1436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.3	64033.	3740.7	100.41	3950.3
Stddev	7.5	203.	9.0	.75	3.9
%RSD	.21354	.31672	.23990	.74528	.09972

#1	3488.0	63889.	3747.0	99.883	3947.6
#2	3498.6	64176.	3734.4	100.94	3953.1

Sample Name: CCV04 Acquired: 11/5/2018 15:08:56 Type: Unk
Method: P4-ICP2(v2549) 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	5.2583	5.1301	5.0606	5.2559	5.2517	10.311	10.403	.25639
Stddev	.0247	.0051	.0125	.0087	.0247	.079	.083	.00157
%RSD	.46985	.09885	.24678	.16474	.47092	.76607	.79594	.61222
#1	5.2758	5.1265	5.0695	5.2620	5.2692	10.367	10.345	.25750
#2	5.2408	5.1337	5.0518	5.2498	5.2342	10.256	10.462	.25528
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5051	26.401	1.0553	2.5079	1.3065	4.9557	2.5783	25.334
Stddev	.0031	.158	.0021	.0034	.0046	.2281	.0066	.194
%RSD	.12322	.59812	.20271	.13652	.34987	4.6030	.25536	.76699
#1	2.5073	26.289	1.0568	2.5104	1.3097	4.7944	2.5829	25.197
#2	2.5029	26.513	1.0538	2.5055	1.3032	5.1170	2.5736	25.472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5160	1.2552	25.921	2.5512	2.5327	25.742	5.2631	5.1784
Stddev	.0025	.0032	.262	.0092	.1312	.253	.0152	.0322
%RSD	.09829	.25424	1.0122	.35978	5.1807	.98247	.28879	.62220
#1	2.5177	1.2575	25.736	2.5577	2.4399	25.563	5.2738	5.1556
#2	2.5142	1.2530	26.107	2.5447	2.6255	25.921	5.2523	5.2012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0948	5.2309	5.0931	5.0874	5.2529	5.174	5.3658	5.3422
Stddev	.0135	.0386	.0086	.0122	.0510	.012	.0452	.0505
%RSD	.26436	.73768	.16872	.23946	.97149	.2310	.84211	.94568
#1	5.1044	5.2036	5.0991	5.0787	5.2168	5.182	5.3338	5.3779
#2	5.0853	5.2582	5.0870	5.0960	5.2890	5.165	5.3977	5.3064

Sample Name: CCV04 Acquired: 11/5/2018 15:08:56 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7727
Stddev .2802
%RSD 10.106

#1 2.5745
#2 2.9708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3645.1	65979.	3940.6	104.75	3901.3
Stddev	16.4	213.	23.8	5.19	13.4
%RSD	.45032	.32330	.60341	4.9517	.34415

#1	3633.5	65828.	3957.4	108.42	3891.8
#2	3656.7	66130.	3923.8	101.08	3910.8

Sample Name: CCB04 Acquired: 11/5/2018 15:12:39 Type: Unk
Method: P4-ICP2(v2549) 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	.00030	-.00003	.00010	-.00064	-.00332	-.00025
Stddev	.00095	.00038	.00006	.00224	.00021	.00246	.00027
%RSD	184.96	126.35	186.28	2141.6	32.681	74.112	109.02

#1	.00119	.00003	-.00007	-.00148	-.00049	-.00158	-.00006
#2	-.00016	.00056	.00001	.00169	-.00079	-.00505	-.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00004	.00354	-.00001	.00007	-.00049	-.00201
Stddev	.00007	.00006	.01028	.00018	.00015	.00032	.00334
%RSD	82.645	166.74	290.28	1316.4	228.35	64.838	166.44

#1	-.00013	-.00008	.01081	-.00014	-.00004	-.00072	-.00437
#2	-.00003	.00001	-.00373	.00012	.00017	-.00027	.00035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00275	.00035	-.00046	-.14149	.00007	-.00005
Stddev	.00006	.04203	.00052	.00053	.01769	.00067	.00004
%RSD	122.48	1529.6	147.57	114.18	12.505	991.22	74.175

#1	-.00001	.03246	.00072	-.00009	-.15400	.00054	-.00003
#2	-.00009	-.02697	-.00002	-.00083	-.12898	-.00041	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	.00043	.01287	-.00114	.00518	-.00055	-.00128
Stddev	.00616	.00008	.00118	.00028	.00131	.00033	.00126
%RSD	137.66	17.986	9.1783	24.700	25.356	60.384	98.436

#1	.00012	.00049	.01204	-.00134	.00611	-.00078	-.00039
#2	.00884	.00038	.01371	-.00094	.00425	-.00031	-.00218

Sample Name: CCB04 Acquired: 11/5/2018 15:12:39 Type: Unk
 Method: P4-ICP2(v2549) 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	.00257	-.0008	-.00007	F 3.6573	F<.00000
Stddev	.00197	.0001	.00010	.0687	.11805
%RSD	76.576	8.885	141.29	1.8790	2.9710

#1	.00118	-.0007	-.00014	3.6087	-3.8898
#2	.00396	-.0008	-.00000	3.7059	-4.0567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3795.6	68971.	4012.6	109.90	4404.5
Stddev	8.0	95.	24.1	1.34	13.9
%RSD	.20958	.13827	.60019	1.2225	.31482

#1	3790.0	69039.	4029.6	110.85	4394.7
#2	3801.2	68904.	3995.6	108.95	4414.3

Sample Name: J5751-01 Acquired: 11/5/2018 15:16:44 Type: Unk
Method: P4-ICP2(v2549) 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	.00230	-.01067	1.0116	.01870	.00212	3.3341	.22458	-.00026
Stddev	.00332	.00112	.0262	.00645	.00253	.0569	.00065	.00013
%RSD	144.40	10.502	2.5875	34.488	119.40	1.7063	.28727	52.023
#1	.00464	-.01146	1.0301	.02326	.00391	3.2939	.22504	-.00035
#2	-.00005	-.00988	.99313	.01414	.00033	3.3744	.22412	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	417.14	.00551	.00384	5.3346	26.579	.25019	1291.7
Stddev	.00041	4.82	.00051	.00068	.0844	1.476	.00335	4.1
%RSD	16.124	1.1560	9.2745	17.691	1.5824	5.5519	1.3391	.31912
#1	.00285	420.55	.00515	.00432	5.3943	25.536	.24782	1294.7
#2	.00227	413.73	.00587	.00336	5.2749	27.622	.25256	1288.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00104	F 3277.2	.01122	1.7491	488.05	.01525	4.4639
Stddev	.00023	.00080	438.0	.00022	.0855	4.87	.00009	.0045
%RSD	12.595	77.251	13.366	1.9811	4.8874	.99802	.61698	.10030
#1	.00201	-.00161	3586.9	.01137	1.6886	491.49	.01519	4.4607
#2	.00168	-.00047	2967.5	.01106	1.8095	484.61	.01532	4.4671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1132.6	7.3106	-.41800	.09520	.43494	.4528	7.2298	13.964
Stddev	19.8	.1263	.00749	.00273	.00784	.0037	.1151	.093
%RSD	1.7442	1.7283	1.7926	2.8627	1.8017	.8212	1.5916	.66708
#1	1146.6	7.4000	-.42330	.09327	.42940	.4554	7.3112	13.898
#2	1118.7	7.2213	-.41270	.09713	.44048	.4501	7.1484	14.030

Sample Name: J5751-01 Acquired: 11/5/2018 15:16:44 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 23.672
Stddev 1.660
%RSD 7.0144

#1 22.498
#2 24.846

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.4	39735.	3090.6	75.419	2002.6
Stddev	36.4	305.	29.3	3.423	39.5
%RSD	1.6759	.76795	.94650	4.5392	1.9733

#1	2143.7	39951.	3069.9	77.839	1974.7
#2	2195.2	39520.	3111.3	72.998	2030.6

Sample Name: J5751-01DUP Acquired: 11/5/2018 15:20:46 Type: Unk
Method: P4-ICP2(v2549) 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	.00420	-.00838	1.0109	.01140	.00112	3.3229	.23486	-.00026
Stddev	.00253	.00438	.0075	.00056	.00143	.0046	.00053	.00001
%RSD	60.304	52.331	.74043	4.9341	128.17	.13826	.22770	3.5407

#1	.00599	-.01148	1.0162	.01100	.00213	3.3196	.23524	-.00027
#2	.00241	-.00528	1.0056	.01179	.00010	3.3261	.23448	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	441.83	.00549	.00357	5.3704	27.791	.25960	1374.3
Stddev	.00001	4.69	.00023	.00017	.0033	.015	.00076	12.5
%RSD	.41785	1.0624	4.1481	4.6847	.06225	.05433	.29415	.91202

#1	.00260	438.51	.00533	.00345	5.3681	27.802	.25906	1365.4
#2	.00262	445.15	.00566	.00368	5.3728	27.780	.26014	1383.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	-.00101	F 2514.0	.01205	1.8345	518.46	.01553	4.6976
Stddev	.00040	.00029	155.7	.00063	.0045	1.75	.00002	.0158
%RSD	20.903	28.402	6.1942	5.2518	.24588	.33784	.09943	.33578

#1	.00162	-.00122	2403.9	.01160	1.8377	517.23	.01554	4.6864
#2	.00218	-.00081	2624.1	.01250	1.8313	519.70	.01552	4.7087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1138.1	7.5314	-.42086	.09353	.43751	.4523	7.6498	14.140
Stddev	5.3	.0585	.00155	.00078	.01267	.0027	.0478	.011
%RSD	.46846	.77715	.36888	.83532	2.8970	.5992	.62489	.07832

#1	1141.9	7.4900	-.42196	.09298	.42855	.4543	7.6160	14.132
#2	1134.3	7.5728	-.41977	.09409	.44647	.4504	7.6836	14.148

Sample Name: J5751-01DUP Acquired: 11/5/2018 15:20:46 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	21.613
Stddev	.555
%RSD	2.5676

#1	22.005
#2	21.220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.3	38763.	2963.0	72.311	1999.3
Stddev	.6	37.	5.4	.095	9.1
%RSD	.02918	.09647	.18247	.13162	.45729

#1	2159.9	38789.	2966.8	72.244	1992.8
#2	2160.8	38736.	2959.2	72.378	2005.8

Sample Name: J5751-01LX5 Acquired: 11/5/2018 15:24:49 Type: Unk
Method: P4-ICP2(v2549) 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	-.00418	.19703	.00561	-.00153	.48566	.04363	-.00009
Stddev	.00437	.00042	.00017	.00005	.00234	.00752	.00059	.00006
%RSD	764.53	10.007	.08520	.86505	153.33	1.5490	1.3441	68.865

#1	-.00367	-.00388	.19691	.00565	-.00318	.49097	.04322	-.00013
#2	.00252	-.00447	.19715	.00558	.00013	.48034	.04405	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	86.600	.00090	.00032	1.1185	5.1604	.05064	266.13
Stddev	.00009	.168	.00069	.00012	.0027	.0955	.00010	.15
%RSD	48.634	.19433	77.146	37.882	.24177	1.8500	.19744	.05645

#1	.00026	86.719	.00139	.00041	1.1165	5.0929	.05071	266.03
#2	.00013	86.481	.00041	.00024	1.1204	5.2279	.05057	266.24

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	-.00003	1120.5	.00259	.32950	87.788	.00277	.90670
Stddev	.00021	.00037	1.5	.00002	.00512	.143	.00009	.01054
%RSD	9.0952	1063.0	.12987	.94652	1.5533	.16252	3.3031	1.1622

#1	-.00243	.00022	1121.5	.00261	.32588	87.889	.00270	.89925
#2	-.00213	-.00029	1119.4	.00258	.33312	87.687	.00283	.91415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 206.91	1.3218	-.07477	.01700	.07947	.0708	1.4100	9.4449
Stddev	.52	.0097	.00111	.00216	.00430	.0011	.0014	.1823
%RSD	.25103	.73141	1.4883	12.691	5.4126	1.488	.09826	1.9301

#1	206.54	1.3150	-.07398	.01547	.07643	.0701	1.4110	9.5738
#2	207.28	1.3287	-.07555	.01852	.08251	.0716	1.4090	9.3160

Sample Name: J5751-01LX5 Acquired: 11/5/2018 15:24:49 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.059
Stddev .879
%RSD 8.7363

#1 10.681
#2 9.4380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.3	52398.	3520.0	92.755	2944.2
Stddev	.5	316.	.3	1.264	1.3
%RSD	.01744	.60322	.00865	1.3623	.04583

#1	2959.7	52175.	3520.2	93.648	2943.2
#2	2958.9	52622.	3519.8	91.861	2945.1

Sample Name: PB114498BL Acquired: 11/5/2018 15:40:34 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00086	.00001	.00347	-.00117	-.02252	-.00042
Stddev	.00252	.00130	.00005	.00185	.00157	.00602	.00054
%RSD	408.52	152.33	346.35	53.241	133.79	26.745	130.59

#1	.00240	.00007	-.00002	.00216	-.00228	-.02678	-.00080
#2	-.00117	-.00178	.00004	.00478	-.00006	-.01826	-.00003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00005	.02111	-.00041	.00027	.00024	.00221
Stddev	.00003	.00012	.00080	.00007	.00000	.00025	.00282
%RSD	37.073	271.10	3.8127	16.567	.80198	106.59	127.63

#1	-.00011	.00004	.02168	-.00046	.00027	.00041	.00421
#2	-.00007	-.00013	.02054	-.00036	.00027	.00006	.00022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00756	.00034	-.00013	F 2.7680	-.00031	.00002
Stddev	.00000	.03456	.00048	.00021	.2633	.00022	.00010
%RSD	8.8419	456.97	141.65	158.28	9.5108	73.253	491.29

#1	.00003	.03200	-.00000	-.00028	2.9541	-.00047	.00009
#2	.00003	-.01687	.00068	.00002	2.5818	-.00015	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .62739	.00040	.01246	F .05520	.00571	-.00054	-.00179
Stddev	.08774	.00023	.00464	.01059	.00367	.00031	.00071
%RSD	13.985	57.675	37.234	19.190	64.280	57.016	39.556

#1	.68943	.00024	.01574	.06269	.00831	-.00076	-.00129
#2	.56535	.00056	.00918	.04771	.00311	-.00032	-.00230

Sample Name: PB114498BL Acquired: 11/5/2018 15:40:34 Type: Unk
Method: P4-ICP2(v2549) 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	.00476	.0012	-.00015	F 3.7685	F<.00000
Stddev	.00060	.0001	.00025	.2069	.12519
%RSD	12.621	4.430	169.34	5.4912	4.0313
#1	.00518	.0012	.00003	3.9149	-3.1940
#2	.00433	.0011	-.00032	3.6222	-3.0169
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3757.1	68442.	3952.1	109.22	4357.6
Stddev	10.1	218.	16.4	1.93	13.3
%RSD	.27007	.31792	.41420	1.7697	.30447
#1	3749.9	68288.	3963.6	110.58	4348.2
#2	3764.3	68596.	3940.5	107.85	4367.0

Sample Name: J5751-01MS Acquired: 11/5/2018 15:44:41 Type: Unk
Method: P4-ICP2(v2549) 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	1.0017	1.9286	2.0467	2.5626	1.0126	6.5111	.45110	.26674
Stddev	.0128	.0184	.0129	.0257	.0020	.1218	.00512	.00070
%RSD	1.2766	.95438	.62853	1.0045	.19426	1.8704	1.1340	.26082
#1	.99261	1.9156	2.0376	2.5444	1.0112	6.4250	.44748	.26723
#2	1.0107	1.9416	2.0558	2.5808	1.0140	6.5972	.45471	.26625
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20905	440.46	.39408	.21211	5.7874	30.693	.45259	1381.5
Stddev	.00173	3.96	.00010	.00012	.0163	.821	.00089	12.9
%RSD	.82963	.89984	.02412	.05771	.28135	2.6740	.19711	.93685
#1	.20783	437.66	.39401	.21202	5.7759	31.274	.45322	1372.3
#2	.21028	443.26	.39414	.21220	5.7989	30.113	.45196	1390.6
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51347	.09529	F 2578.6	.31207	2.0097	544.29	.42795	4.9716
Stddev	.00283	.00086	54.3	.00194	.0766	5.08	.00472	.0702
%RSD	.55141	.90045	2.1041	.62168	3.8130	.93370	1.1031	1.4122
#1	.51147	.09590	2617.0	.31344	2.0639	540.70	.42462	4.9219
#2	.51547	.09469	2540.3	.31070	1.9555	547.89	.43129	5.0212
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1187.7	9.1480	.30651	.31737	.73270	9.216	7.8499	14.292
Stddev	3.3	.0501	.00040	.01021	.01555	.089	.0442	.058
%RSD	.27399	.54786	.13113	3.2173	2.1224	.9630	.56263	.40860
#1	1185.4	9.1126	.30679	.31015	.72171	9.153	7.8187	14.334
#2	1190.0	9.1835	.30622	.32459	.74370	9.279	7.8811	14.251

Sample Name: J5751-01MS Acquired: 11/5/2018 15:44:41 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.313
Stddev	1.050
%RSD	5.4368

#1	18.571
#2	20.056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.9	38590.	2967.5	73.600	1920.6
Stddev	1.4	166.	.3	3.049	2.9
%RSD	.06513	.43101	.00983	4.1428	.14854

#1	2095.9	38473.	2967.8	71.444	1918.6
#2	2097.8	38708.	2967.3	75.756	1922.7

Sample Name: J5751-01MSD Acquired: 11/5/2018 15:48:35 Type: Unk
Method: P4-ICP2(v2549) 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	.98099	1.8811	1.9711	2.4951	.98190	6.5793	.46409	.27229
Stddev	.01133	.0537	.0459	.0377	.01372	.0528	.00206	.00127
%RSD	1.1548	2.8552	2.3282	1.5112	1.3973	.80278	.44308	.46528

#1	.98900	1.9191	2.0035	2.5218	.99160	6.6166	.46554	.27319
#2	.97298	1.8432	1.9386	2.4685	.97220	6.5419	.46264	.27140

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20374	446.46	.40300	.20625	5.5521	31.767	.45783	1395.9
Stddev	.00467	2.50	.00399	.00486	.1105	.814	.00275	1.3
%RSD	2.2919	.55884	.98916	2.3550	1.9907	2.5638	.60137	.09518

#1	.20704	448.23	.40582	.20968	5.6302	31.192	.45978	1394.9
#2	.20044	444.70	.40018	.20282	5.4739	32.343	.45589	1396.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50203	.09800	F 2398.0	.31672	2.0469	547.16	.41728	5.0939
Stddev	.01251	.00091	28.2	.00147	.0299	1.16	.00750	.0008
%RSD	2.4918	.92622	1.1741	.46544	1.4622	.21128	1.7977	.01563

#1	.51087	.09735	2378.1	.31776	2.0257	547.98	.42259	5.0944
#2	.49318	.09864	2417.9	.31568	2.0681	546.34	.41198	5.0933

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1134.7	9.2074	.30357	.32684	.73830	8.945	7.9374	14.254
Stddev	32.0	.0127	.00536	.00961	.00201	.222	.0768	.228
%RSD	2.8206	.13847	1.7642	2.9398	.27206	2.482	.96752	1.6018

#1	1157.3	9.1984	.30736	.32005	.73972	9.102	7.9917	14.416
#2	1112.0	9.2164	.29979	.33364	.73688	8.788	7.8831	14.093

Sample Name: J5751-01MSD Acquired: 11/5/2018 15:48:35 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	20.222
Stddev	.617
%RSD	3.0512

#1	19.786
#2	20.658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.5	38558.	2942.0	71.834	2004.2
Stddev	43.8	327.	5.1	1.190	55.6
%RSD	2.0079	.84809	.17412	1.6564	2.7726

#1	2148.6	38327.	2938.3	72.675	1964.9
#2	2210.5	38789.	2945.6	70.992	2043.5

Sample Name: J5751-01A Acquired: 11/5/2018 15:52:30 Type: Unk
Method: P4-ICP2(v2549) 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	1.0058	1.9088	2.0046	2.5415	1.0044	6.4521	.45456	.26787
Stddev	.0127	.0132	.0124	.0299	.0095	.1364	.00318	.00293
%RSD	1.2594	.68923	.61698	1.1751	.95006	2.1138	.70037	1.0933
#1	1.0147	1.9181	2.0133	2.5626	1.0111	6.3557	.45231	.26580
#2	.99680	1.8995	1.9959	2.5203	.99764	6.5485	.45681	.26994
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20720	441.75	.40062	.20900	5.6418	30.199	.45062	1368.0
Stddev	.00154	3.10	.00177	.00037	.0416	.008	.00464	9.5
%RSD	.74472	.70178	.44281	.17517	.73683	.02807	1.0307	.69582
#1	.20829	439.56	.39937	.20926	5.6712	30.193	.44733	1361.2
#2	.20611	443.94	.40188	.20874	5.6124	30.205	.45390	1374.7
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51096	.09573	F 2326.5	.31364	1.9687	539.34	.42532	4.9995
Stddev	.00044	.00006	128.0	.00322	.0087	3.85	.00042	.0382
%RSD	.08604	.06716	5.5019	1.0252	.44098	.71394	.09981	.76509
#1	.51127	.09577	2236.0	.31136	1.9748	536.62	.42562	4.9725
#2	.51065	.09568	2417.0	.31591	1.9625	542.07	.42502	5.0266
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1152.7	8.9503	.31253	.31514	.72304	9.150	7.8604	14.236
Stddev	10.7	.1761	.00087	.00482	.01120	.092	.0397	.060
%RSD	.92575	1.9675	.27736	1.5299	1.5485	1.001	.50504	.41802
#1	1160.2	8.8258	.31192	.31855	.71512	9.214	7.8323	14.194
#2	1145.2	9.0749	.31314	.31173	.73095	9.085	7.8885	14.278

Sample Name: J5751-01A Acquired: 11/5/2018 15:52:30 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.940
Stddev	.550
%RSD	2.7602

#1	20.329
#2	19.551

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.6	39029.	2980.6	74.910	1976.1
Stddev	21.3	236.	.4	.410	18.3
%RSD	.99298	.60350	.01293	.54678	.92819

#1	2133.5	39196.	2980.3	74.620	1963.1
#2	2163.7	38863.	2980.9	75.199	1989.1

Sample Name: PB114498BS Acquired: 11/5/2018 15:56:25 Type: Unk
Method: P4-ICP2(v2549) 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	.88037	2.1938	1.0656	2.1913	.90724	2.2633	.23581
Stddev	.01358	.0327	.0135	.0323	.00934	.0338	.00959
%RSD	1.5431	1.4893	1.2664	1.4731	1.0291	1.4922	4.0657

#1	.88998	2.2169	1.0751	2.2142	.91384	2.2872	.24259
#2	.87077	2.1707	1.0560	2.1685	.90064	2.2395	.22903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21259	.20880	1.1994	.47500	.21843	.35302	3.2987
Stddev	.00011	.00276	.0433	.00272	.00323	.00478	.1429
%RSD	.05077	1.3217	3.6112	.57177	1.4765	1.3553	4.3313

#1	.21267	.21075	1.2300	.47692	.22071	.35640	3.3997
#2	.21252	.20685	1.1688	.47308	.21615	.34964	3.1977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23688	2.3117	.54453	.07600	F 5.4094	.34409	.21631
Stddev	.00016	.0815	.00680	.00019	.3544	.00069	.00819
%RSD	.06813	3.5265	1.2484	.25155	6.5525	.20085	3.7860

#1	.23699	2.3694	.54934	.07587	5.6600	.34457	.22210
#2	.23677	2.2541	.53973	.07614	5.1588	.34360	.21052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.884	F .48424	F .36005	F .84667	1.0546	.76249	.23029
Stddev	.440	.00776	.02211	.01759	.0273	.01171	.00908
%RSD	3.7060	1.6023	6.1421	2.0773	2.5901	1.5358	3.9408

#1	12.196	.48973	.37569	.85911	1.0739	.77077	.23670
#2	11.573	.47876	.34441	.83424	1.0353	.75420	.22387

Sample Name: PB114498BS Acquired: 11/5/2018 15:56:25 Type: Unk
Method: P4-ICP2(v2549) 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	.23934	6.117	F .24140	F 5.7105	F<.00000
Stddev	.01035	.094	.00949	.3420	.18821
%RSD	4.3246	1.539	3.9325	5.9884	3.1207

#1	.24665	6.184	.24811	5.9523	-5.8978
#2	.23202	6.051	.23468	5.4687	-6.1640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.3	63068.	3720.3	102.70	3918.3
Stddev	41.2	424.	105.2	3.61	44.9
%RSD	1.1934	.67181	2.8277	3.5173	1.1461

#1	3423.2	62769.	3645.9	100.14	3886.5
#2	3481.5	63368.	3794.7	105.25	3950.0

Sample Name: PB114498TB Acquired: 11/5/2018 16:00:17 Type: Unk
Method: P4-ICP2(v2549) 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	-.00179	-.00422	.00175	.00363	.00058	-.00587	.00020
Stddev	.00078	.00062	.00055	.00245	.00017	.00925	.00066
%RSD	43.441	14.789	31.440	67.538	29.446	157.43	327.87

#1	-.00124	-.00378	.00214	.00190	.00070	.00066	-.00027
#2	-.00234	-.00466	.00136	.00537	.00046	-.01241	.00067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.00015	.03043	.00030	-.00026	-.00002	-.00446
Stddev	.00012	.00002	.01675	.00068	.00026	.00031	.01226
%RSD	63.620	11.675	55.032	223.24	99.616	1968.2	274.63

#1	-.00011	-.00016	.04227	.00079	-.00044	-.00024	.00421
#2	-.00028	-.00014	.01859	-.00018	-.00008	.00020	-.01313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00297	.00156	.00225	F 351.26	-.00014	.00199
Stddev	.00002	.02091	.00060	.00006	3.26	.00005	.00011
%RSD	1.2825	703.61	38.724	2.7431	.92766	37.950	5.3148

#1	.00158	.01776	.00199	.00221	348.96	-.00017	.00192
#2	.00155	-.01182	.00113	.00229	353.57	-.00010	.00207

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64320	.00057	.01923	.05844	.01571	.00158	-.00194
Stddev	.05186	.00027	.00374	.00182	.00025	.00046	.00116
%RSD	8.0625	47.642	19.433	3.1178	1.6026	29.230	59.643

#1	.67987	.00037	.02187	.05973	.01589	.00191	-.00112
#2	.60653	.00076	.01658	.05715	.01554	.00125	-.00275

Sample Name: PB114498TB Acquired: 11/5/2018 16:00:17 Type: Unk
Method: P4-ICP2(v2549) 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	.00260	-.0012	-.00011	F 7.7123	F<.00000
Stddev	.00193	.0006	.00011	.2996	.51072
%RSD	74.532	51.93	98.161	3.8847	92.495

#1	.00123	-.0008	-.00019	7.9241	-.19103
#2	.00396	-.0017	-.00003	7.5004	-.91330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.4	57657.	3569.6	95.138	3327.5
Stddev	2.2	942.	34.6	1.208	.5
%RSD	.07067	1.6338	.96849	1.2697	.01445

#1	3153.8	56991.	3545.1	95.992	3327.8
#2	3157.0	58323.	3594.0	94.283	3327.1

Sample Name: J5751-01DLX10 Acquired: 11/5/2018 16:04:28 Type: Unk
Method: P4-ICP2(v2549) 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	.00286	-.00243	.10262	.00104	-.00226	.61370	.02461	-.00014
Stddev	.00226	.00029	.00069	.00190	.00066	.02523	.00072	.00005
%RSD	78.873	11.810	.67216	183.05	29.304	4.1117	2.9149	35.557

#1	.00446	-.00263	.10213	.00238	-.00273	.63154	.02411	-.00017
#2	.00127	-.00223	.10311	-.00031	-.00179	.59586	.02512	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	45.250	.00068	.00039	.58782	2.7243	.02681	138.04
Stddev	.00004	.095	.00035	.00020	.00472	.0659	.00008	.96
%RSD	206.26	.20989	51.336	51.012	.80311	2.4201	.28670	.69405

#1	-.00001	45.183	.00043	.00054	.59116	2.6777	.02676	137.36
#2	.00005	45.317	.00093	.00025	.58449	2.7709	.02687	138.71

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00260	-.00018	828.82	.00161	.16661	44.518	.00186	.47289
Stddev	.00071	.00018	15.53	.00007	.00306	.128	.00029	.00882
%RSD	27.399	95.563	1.8733	4.6094	1.8352	.28726	15.418	1.8641

#1	-.00210	-.00031	839.80	.00166	.16445	44.608	.00166	.47912
#2	-.00310	-.00006	817.84	.00155	.16877	44.427	.00206	.46666

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 101.13	1.5520	-.03660	.03274	.03053	.0317	.72102	7.7664
Stddev	.12	.0665	.00030	.00744	.00104	.0005	.00402	.2493
%RSD	.11915	4.2830	.82065	22.737	3.3929	1.539	.55721	3.2103

#1	101.22	1.5050	-.03638	.03801	.02980	.0321	.72386	7.9427
#2	101.05	1.5990	-.03681	.02748	.03126	.0314	.71818	7.5901

Sample Name: J5751-01DLX10 Acquired: 11/5/2018 16:04:28 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.9429
Stddev	1.1598
%RSD	19.516

#1	5.1228
#2	6.7629

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.6	56336.	3649.4	98.321	3234.9
Stddev	25.8	398.	10.6	2.017	9.6
%RSD	.81717	.70654	.29070	2.0511	.29694

#1	3142.3	56055.	3641.9	99.747	3228.1
#2	3178.8	56618.	3656.9	96.895	3241.7

Sample Name: CCV05 Acquired: 11/5/2018 16:27:40 Type: Unk
Method: P4-ICP2(v2549) 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	5.2467	5.1482	5.0298	5.2501	5.2581	10.428	10.400	.25562
Stddev	.0123	.0144	.0180	.0072	.0038	.042	.023	.00034
%RSD	.23497	.27960	.35691	.13752	.07290	.40455	.21669	.13180

#1	5.2379	5.1380	5.0171	5.2552	5.2553	10.399	10.384	.25538
#2	5.2554	5.1583	5.0425	5.2450	5.2608	10.458	10.416	.25585

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4950	26.707	1.0689	2.4974	1.3010	5.0070	2.5825	25.169
Stddev	.0067	.089	.0083	.0059	.0027	.0345	.0040	.033
%RSD	.26952	.33336	.77710	.23682	.20419	.68950	.15604	.12957

#1	2.4902	26.644	1.0631	2.4932	1.2992	5.0315	2.5797	25.145
#2	2.4997	26.770	1.0748	2.5016	1.3029	4.9826	2.5854	25.192

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5044	1.2457	24.443	2.5499	2.5372	25.955	5.2402	5.2243
Stddev	.0048	.0001	.057	.0002	.0096	.030	.0061	.0016
%RSD	.19077	.00928	.23217	.00890	.37845	.11559	.11609	.03077

#1	2.5010	1.2456	24.403	2.5497	2.5440	25.977	5.2359	5.2232
#2	2.5078	1.2457	24.483	2.5501	2.5304	25.934	5.2445	5.2255

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1086	5.2529	5.0758	5.0441	5.2506	5.218	5.4386	F 6.1232
Stddev	.0135	.0306	.0188	.0034	.0156	.009	.0232	.3113
%RSD	.26450	.58265	.37115	.06767	.29668	.1803	.42594	5.0841

#1	5.0990	5.2313	5.0625	5.0465	5.2395	5.211	5.4223	5.9030
#2	5.1181	5.2746	5.0891	5.0417	5.2616	5.224	5.4550	6.3433

Sample Name: CCV05 Acquired: 11/5/2018 16:27:40 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0105
Stddev	.0302
%RSD	1.0034

#1	2.9891
#2	3.0319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.6	64985.	3899.7	102.38	3848.9
Stddev	1.2	169.	3.4	.49	6.7
%RSD	.03406	.26031	.08685	.47705	.17492

#1	3600.4	65104.	3902.1	102.04	3853.7
#2	3598.7	64865.	3897.3	102.73	3844.1

Sample Name: CCB05 Acquired: 11/5/2018 16:31:44 Type: Unk
Method: P4-ICP2(v2549) 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	.00126	.00079	.00001	.00148	-.00182	-.02154	-.00040
Stddev	.00032	.00133	.00029	.00497	.00054	.00867	.00068
%RSD	25.759	168.97	2433.9	336.36	29.578	40.226	168.28

#1	.00149	-.00015	.00022	.00499	-.00220	-.01542	.00008
#2	.00103	.00172	-.00020	-.00204	-.00144	-.02767	-.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00001	.01114	-.00039	.00015	-.00027	-.00356
Stddev	.00004	.00001	.00958	.00012	.00011	.00002	.00668
%RSD	30.960	112.32	86.074	31.278	70.868	8.1355	187.75

#1	-.00010	.00000	.00436	-.00048	.00023	-.00028	.00117
#2	-.00016	.00002	.01791	-.00031	.00007	-.00025	-.00828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01831	.00030	.00029	.27613	.00008	-.00002
Stddev	.00001	.01527	.00053	.00019	.01305	.00030	.00002
%RSD	49.206	83.400	178.89	65.049	4.7265	382.35	93.192

#1	-.00001	.00751	.00067	.00015	.28536	.00029	-.00003
#2	-.00002	.02910	-.00008	.00042	.26690	-.00013	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14847	.00055	.00422	F .00555	.00609	.00024	-.00359
Stddev	.02780	.00000	.00350	.00224	.00131	.00042	.00270
%RSD	18.724	.22332	82.882	40.442	21.415	179.03	75.201

#1	.12881	.00055	.00669	.00396	.00517	-.00006	-.00550
#2	.16813	.00055	.00175	.00713	.00702	.00054	-.00168

Sample Name: CCB05 Acquired: 11/5/2018 16:31:44 Type: Unk
 Method: P4-ICP2(v2549) 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	-.00164	.0004	-.00002	F 4.1945	F<.00000
Stddev	.00012	.0012	.00003	.2033	.60330
%RSD	7.4554	310.7	190.35	4.8459	24.699

#1	-.00173	-.0005	.00001	4.0508	-2.0160
#2	-.00156	.0012	-.00004	4.3383	-2.8692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3774.1	68416.	4006.7	109.06	4385.7
Stddev	8.5	216.	34.3	.36	1.5
%RSD	.22509	.31591	.85577	.32958	.03388

#1	3768.1	68569.	3982.4	108.81	4384.6
#2	3780.1	68263.	4030.9	109.32	4386.7

Sample Name: J5751-01DUPDLX10 Acquired: 11/5/2018 16:36:11 Type: Unk
Method: P4-ICP2(v2549) 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	-.00220	-.00266	.10009	.00823	-.00182	.51779	.02378	-.00009
Stddev	.00049	.00066	.00048	.00336	.00057	.00311	.00025	.00001
%RSD	22.436	24.787	.48338	40.831	31.108	.60030	1.0647	14.861

#1	-.00255	-.00313	.10043	.01060	-.00142	.51560	.02360	-.00008
#2	-.00185	-.00220	.09975	.00585	-.00222	.51999	.02396	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	44.456	.00036	.00019	.57352	2.6205	.02627	133.37
Stddev	.00003	.024	.00018	.00005	.00176	.0250	.00025	.31
%RSD	136790.	.05420	50.063	24.535	.30736	.95609	.96186	.23009

#1	.00002	44.473	.00023	.00015	.57228	2.6383	.02645	133.15
#2	-.00002	44.439	.00049	.00022	.57477	2.6028	.02609	133.58

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	.00012	898.40	.00191	.15979	43.123	.00153	.46520
Stddev	.00021	.00080	18.82	.00023	.00259	.106	.00013	.00699
%RSD	8.3248	685.01	2.0953	12.054	1.6220	.24506	8.5517	1.5018

#1	-.00241	-.00045	911.71	.00207	.16162	43.198	.00144	.47014
#2	-.00271	.00068	885.09	.00175	.15796	43.049	.00162	.46026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 99.474	1.3174	-.03575	.01920	.02963	.0311	.70936	8.1271
Stddev	.345	.0106	.00034	.00090	.00054	.0000	.00510	.0269
%RSD	.34716	.80652	.95638	4.6719	1.8359	.0149	.71830	.33099

#1	99.230	1.3099	-.03551	.01856	.02925	.0311	.71296	8.1081
#2	99.718	1.3249	-.03600	.01983	.03002	.0311	.70576	8.1461

Sample Name: J5751-01DUPDLX10 Acquired: 11/5/2018 16:36:11 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.7757
Stddev	.9067
%RSD	11.661

#1	7.1345
#2	8.4168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.5	56295.	3737.3	100.98	3259.6
Stddev	5.9	315.	17.9	1.94	6.1
%RSD	.18552	.55908	.47901	1.9220	.18749

#1	3188.3	56073.	3724.7	99.605	3263.9
#2	3196.7	56518.	3750.0	102.35	3255.3

Sample Name: J5751-01LDLX50 Acquired: 11/5/2018 16:40:16 Type: Unk
Method: P4-ICP2(v2549) 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	.00046	-.00003	.02002	.00443	-.00210	.03016	.00339	-.00005
Stddev	.00139	.00158	.00053	.00125	.00023	.00000	.00013	.00002
%RSD	302.26	6091.9	2.6577	28.177	11.141	.00464	3.9154	33.292

#1	.00144	.00109	.02039	.00531	-.00226	.03015	.00330	-.00007
#2	-.00052	-.00114	.01964	.00355	-.00193	.03016	.00349	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	8.8829	-.00069	-.00006	.11700	.52471	.00508	26.495
Stddev	.00006	.0839	.00046	.00022	.00025	.01066	.00003	.158
%RSD	70.791	.94507	65.724	387.09	.21031	2.0308	.67527	.59557

#1	-.00004	8.8236	-.00102	.00010	.11718	.53224	.00506	26.383
#2	-.00013	8.9423	-.00037	-.00021	.11683	.51717	.00511	26.606

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00091	198.13	.00017	.03341	8.3600	.00039	.10281
Stddev	.00020	.00022	.01	.00043	.00003	.0732	.00004	.00099
%RSD	20.775	23.789	.00679	250.49	.08779	.87623	10.982	.96496

#1	-.00084	-.00075	198.14	.00048	.03339	8.4118	.00042	.10211
#2	-.00113	-.00106	198.12	-.00013	.03343	8.3082	.00036	.10352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.031	.13958	-.00684	.00100	.00559	.0038	.14192	5.5410
Stddev	.001	.00064	.00125	.00098	.00037	.0008	.00044	.0005
%RSD	.00737	.45664	18.196	97.779	6.5493	20.22	.30854	.00865

#1	18.032	.14003	-.00596	.00031	.00585	.0032	.14161	5.5413
#2	18.030	.13913	-.00772	.00169	.00534	.0043	.14223	5.5406

Sample Name: J5751-01LDLX50 Acquired: 11/5/2018 16:40:16 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.69377
Stddev	.59582
%RSD	85.882

#1	.27246
#2	1.1151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3517.7	63272.	3874.9	103.42	3787.2
Stddev	5.3	172.	13.1	.08	.3
%RSD	.15073	.27197	.33793	.08028	.00715

#1	3514.0	63151.	3884.2	103.36	3787.0
#2	3521.5	63394.	3865.7	103.48	3787.4

Sample Name: J5751-01MSDLX10 Acquired: 11/5/2018 16:44:18 Type: Unk
Method: P4-ICP2(v2549) 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	.08258	.17584	.18619	.20148	.07620	.45535	.03896	.01995
Stddev	.00155	.00049	.00071	.00565	.00045	.00737	.00029	.00032
%RSD	1.8711	.27904	.38284	2.8044	.58638	1.6196	.74296	1.6202
#1	.08367	.17549	.18670	.20548	.07589	.46056	.03875	.01972
#2	.08148	.17619	.18569	.19749	.07652	.45013	.03916	.02018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01840	41.855	.03964	.01867	.57867	2.7954	.04394	126.78
Stddev	.00002	.124	.00032	.00018	.00400	.0202	.00011	.59
%RSD	.11977	.29709	.81430	.99024	.69127	.72324	.24304	.46241
#1	.01839	41.767	.03941	.01854	.58150	2.7811	.04386	126.36
#2	.01842	41.943	.03987	.01880	.57584	2.8097	.04401	127.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04309	.00616	873.20	.02923	.17665	41.952	.04000	.46693
Stddev	.00040	.00042	1.98	.00014	.00062	.012	.00006	.00496
%RSD	.93043	6.8481	.22640	.48572	.35151	.02777	.16025	1.0618
#1	.04280	.00586	874.60	.02933	.17621	41.943	.04005	.47044
#2	.04337	.00645	871.80	.02913	.17709	41.960	.03996	.46342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.332	.80724	.03269	.02554	.05026	.6704	.69489	8.3284
Stddev	.280	.00608	.00153	.00193	.00032	.0092	.00053	.0859
%RSD	.29689	.75304	4.6786	7.5462	.64189	1.365	.07631	1.0313
#1	94.530	.80294	.03378	.02690	.05003	.6769	.69527	8.2676
#2	94.134	.81154	.03161	.02418	.05048	.6639	.69452	8.3891

Sample Name: J5751-01MSDLX10 Acquired: 11/5/2018 16:44:18 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0689
Stddev	1.3775
%RSD	22.698

#1	5.0949
#2	7.0429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.0	56410.	3718.6	97.350	3277.4
Stddev	20.4	3.	5.5	.467	12.0
%RSD	.64042	.00558	.14704	.47981	.36550

#1	3177.5	56408.	3722.4	97.680	3268.9
#2	3206.4	56412.	3714.7	97.020	3285.8

Sample Name: J5751-01MSDDLX10 Acquired: 11/5/2018 16:48:23 Type: Unk
Method: P4-ICP2(v2549) 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	.07875	.17395	.18454	.20392	.07598	.44579	.03981	.01989
Stddev	.00098	.00033	.00087	.00172	.00030	.00397	.00006	.00012
%RSD	1.2506	.19158	.47323	.84359	.39291	.89098	.14427	.59751

#1	.07945	.17371	.18516	.20514	.07619	.44298	.03985	.01981
#2	.07806	.17418	.18392	.20271	.07577	.44860	.03977	.01998

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01828	42.489	.03850	.01830	.57149	2.8050	.04401	126.61
Stddev	.00020	.245	.00007	.00001	.00335	.0097	.00066	.46
%RSD	1.1118	.57759	.17690	.05904	.58610	.34594	1.4929	.36464

#1	.01842	42.315	.03845	.01831	.57385	2.8119	.04354	126.29
#2	.01813	42.662	.03855	.01829	.56912	2.7982	.04447	126.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04382	.00621	856.01	.02956	.17622	42.013	.04006	.47490
Stddev	.00009	.00099	12.77	.00036	.00085	.266	.00048	.00436
%RSD	.20383	15.910	1.4915	1.2105	.48333	.63217	1.1866	.91742

#1	.04375	.00691	865.04	.02930	.17682	41.825	.04040	.47798
#2	.04388	.00551	846.98	.02981	.17561	42.201	.03973	.47182

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.850	.80269	.03242	.02529	.04923	.6648	.70086	8.1182
Stddev	.707	.01323	.00056	.00106	.00178	.0024	.00433	.0908
%RSD	.75329	1.6485	1.7385	4.2023	3.6139	.3547	.61823	1.1185

#1	94.350	.79334	.03202	.02604	.04797	.6665	.69780	8.1824
#2	93.351	.81205	.03281	.02454	.05049	.6631	.70393	8.0540

Sample Name: J5751-01MSDDLX10 Acquired: 11/5/2018 16:48:23 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8453
Stddev	.8702
%RSD	14.887

#1	5.2300
#2	6.4606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.4	56798.	3708.7	97.397	3299.9
Stddev	16.5	104.	16.7	.306	19.3
%RSD	.51317	.18345	.44907	.31448	.58357

#1	3212.7	56724.	3720.5	97.181	3286.2
#2	3236.1	56871.	3696.9	97.614	3313.5

Sample Name: J5751-01ADLX10 Acquired: 11/5/2018 16:52:27 Type: Unk
Method: P4-ICP2(v2549) 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	.07650	.17091	.17898	.19758	.07416	.46724	.03780	.01937
Stddev	.00163	.00085	.00023	.00131	.00089	.02232	.00075	.00028
%RSD	2.1252	.49603	.12756	.66297	1.2006	4.7777	1.9865	1.4696
#1	.07765	.17151	.17881	.19666	.07353	.45146	.03833	.01917
#2	.07535	.17031	.17914	.19851	.07479	.48303	.03727	.01957
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01782	40.927	.03793	.01761	.55812	2.7074	.04273	122.98
Stddev	.00007	.193	.00014	.00007	.00241	.0293	.00010	1.22
%RSD	.37072	.47239	.38018	.38556	.43193	1.0831	.24068	.99586
#1	.01787	40.791	.03803	.01766	.55982	2.7282	.04265	122.12
#2	.01778	41.064	.03783	.01756	.55641	2.6867	.04280	123.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04259	.00665	811.53	.02879	.16933	40.704	.03909	.45201
Stddev	.00005	.00015	9.13	.00030	.00135	.028	.00039	.00988
%RSD	.12151	2.3137	1.1247	1.0532	.79869	.06919	.99539	2.1856
#1	.04255	.00676	817.98	.02857	.17029	40.684	.03937	.45899
#2	.04263	.00654	805.08	.02900	.16837	40.724	.03882	.44502
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.360	.77575	.03181	.02529	.04985	.6525	.67307	7.6085
Stddev	.310	.00220	.00005	.00040	.00085	.0025	.00018	.1268
%RSD	.33919	.28306	.14170	1.5923	1.7058	.3890	.02630	1.6664
#1	91.579	.77420	.03178	.02500	.04925	.6543	.67319	7.6982
#2	91.141	.77731	.03184	.02557	.05045	.6507	.67294	7.5189

Sample Name: J5751-01ADLX10 Acquired: 11/5/2018 16:52:27 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.6400
Stddev	.6421
%RSD	9.6699

#1	6.1859
#2	7.0940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.7	57214.	3785.0	99.663	3323.3
Stddev	20.0	196.	8.5	.907	21.4
%RSD	.61723	.34173	.22337	.91034	.64526

#1	3230.5	57352.	3791.0	99.022	3308.1
#2	3258.9	57076.	3779.0	100.30	3338.5

Sample Name: J5769-03 Acquired: 11/5/2018 16:56:32 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WAGARAW-RD-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05330	-.01488	1.5022	.07315	.00138	162.33	1.2040
Stddev	.00338	.00266	.0028	.00275	.00087	.08	.0016
%RSD	6.3504	17.906	.18403	3.7620	63.146	.04645	.13080

#1	.05090	-.01676	1.5041	.07120	.00200	162.27	1.2051
#2	.05569	-.01299	1.5002	.07510	.00077	162.38	1.2029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	.00186	199.10	.29745	.15972	1.0418	376.73
Stddev	.00017	.00012	.14	.00005	.00139	.0033	5.78
%RSD	4.5400	6.3799	.07201	.01639	.87019	.31743	1.5333

#1	.00356	.00178	199.20	.29749	.16071	1.0441	380.81
#2	.00379	.00195	199.00	.29742	.15874	1.0394	372.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8360	96.789	.36997	-.00018	5.0886	.57694	3.1444
Stddev	.0310	.386	.00071	.00088	.0009	.00074	.0604
%RSD	.53059	.39880	.19152	496.87	.01857	.12898	1.9211

#1	5.8579	97.061	.37047	.00045	5.0879	.57747	3.1871
#2	5.8141	96.516	.36947	-.00080	5.0892	.57642	3.1017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.087	.01430	.56066	7.6795	2.4463	.07266	5.9561
Stddev	.049	.00019	.01176	.0283	.0067	.00077	.0156
%RSD	.48413	1.3354	2.0972	.36827	.27593	1.0646	.26135

#1	10.121	.01443	.56897	7.6995	2.4511	.07321	5.9671
#2	10.052	.01416	.55234	7.6595	2.4415	.07212	5.9451

Sample Name: J5769-03 Acquired: 11/5/2018 16:56:32 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WAGARAW-RD-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16831	F 10.15	.44529	.88108	F<.00000
Stddev	.00174	.05	.00603	.04632	1.0173
%RSD	1.0333	.4797	1.3538	5.2569	.55023

#1	.16708	10.19	.44103	.84833	-184.16
#2	.16954	10.12	.44955	.91383	-185.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.8	70156.	4430.4	92.793	3308.1
Stddev	17.0	138.	22.0	1.951	23.2
%RSD	.43733	.19712	.49754	2.1025	.70224

#1	3868.8	70058.	4414.8	91.414	3291.7
#2	3892.8	70254.	4446.0	94.173	3324.5

Sample Name: J5769-05 Acquired: 11/5/2018 17:00:34 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WAGARAW-RD-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23248	-.00823	3.8276	.08453	.00357	152.78	1.0142
Stddev	.00083	.00144	.0006	.00113	.00158	.33	.0082
%RSD	.35761	17.552	.01448	1.3401	44.340	.21699	.80667

#1	.23189	-.00721	3.8280	.08533	.00245	152.55	1.0085
#2	.23307	-.00925	3.8272	.08373	.00469	153.02	1.0200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	-.00434	25.534	.25502	.13674	.81436	389.39
Stddev	.00023	.00034	.153	.00129	.00012	.00236	4.89
%RSD	4.6882	7.8594	.59740	.50703	.08634	.28978	1.2551

#1	.00480	-.00459	25.427	.25410	.13666	.81270	392.85
#2	.00513	-.00410	25.642	.25593	.13683	.81603	385.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4969	40.334	.29110	.00005	2.3820	.75410	2.0655
Stddev	.0049	.189	.00005	.00100	.0011	.00162	.0303
%RSD	.08922	.46807	.01883	2019.0	.04651	.21451	1.4651

#1	5.4934	40.201	.29107	.00076	2.3812	.75296	2.0869
#2	5.5004	40.468	.29114	-.00066	2.3828	.75525	2.0441

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6987	.01582	.31591	8.2064	1.8258	.13987	3.5295
Stddev	.0455	.00000	.00729	.0161	.0093	.00057	.0139
%RSD	.67985	.02530	2.3067	.19655	.50719	.41036	.39453

#1	6.6665	.01582	.32106	8.2178	1.8193	.14028	3.5197
#2	6.7310	.01582	.31076	8.1950	1.8323	.13947	3.5394

Sample Name: J5769-05 Acquired: 11/5/2018 17:00:34 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WAGARAW-RD-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14938	7.678	-.21088	<.00000	F<.00000
Stddev	.00061	.010	.00671	.04445	.30460
%RSD	.40545	.1320	3.1825	2.2063	.12988

#1	.14895	7.685	-.21563	-1.9831	-234.31
#2	.14981	7.670	-.20614	-2.0459	-234.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4361.6	78385.	4878.5	103.76	3827.1
Stddev	7.6	150.	23.1	1.52	11.2
%RSD	.17362	.19113	.47323	1.4636	.29300

#1	4356.2	78279.	4894.9	102.68	3819.2
#2	4366.9	78490.	4862.2	104.83	3835.1

Sample Name: J5769-07 Acquired: 11/5/2018 17:04:36 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LEFT-CORNER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02490	-.02202	1.8452	.08118	.00199	192.70	1.8743
Stddev	.00002	.00131	.0142	.00569	.00084	1.04	.0101
%RSD	.08672	5.9694	.76989	7.0138	42.478	.53915	.54023

#1	.02488	-.02109	1.8552	.08520	.00258	191.96	1.8672
#2	.02491	-.02295	1.8352	.07715	.00139	193.43	1.8815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00366	-.00480	156.40	.58183	.23227	.95487	473.99
Stddev	.00033	.00047	.72	.00859	.00154	.00248	6.80
%RSD	8.9466	9.8406	.46149	1.4772	.66422	.25936	1.4355

#1	.00343	-.00513	155.89	.57575	.23336	.95662	478.80
#2	.00389	-.00446	156.91	.58790	.23118	.95312	469.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1535	138.64	.36662	.00097	3.2401	.86643	1.6632
Stddev	.0248	1.01	.00162	.00154	.0183	.00708	.0259
%RSD	.40361	.72729	.44083	159.64	.56431	.81695	1.5570

#1	6.1359	137.93	.36776	.00206	3.2272	.86143	1.6815
#2	6.1710	139.36	.36548	-.00012	3.2530	.87144	1.6449

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8857	.00084	2.9810	2.1699	2.0964	.02828	F 13.306
Stddev	.0563	.00017	.0254	.0169	.0122	.00044	.080
%RSD	.95565	19.822	.85207	.77709	.58084	1.5584	.60010

#1	5.8459	.00072	2.9990	2.1819	2.0877	.02796	13.250
#2	5.9255	.00096	2.9631	2.1580	2.1050	.02859	13.363

Sample Name: J5769-07 Acquired: 11/5/2018 17:04:36 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LEFT-CORNER- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22077	7.726	-.28914	<.00000	F<.00000
Stddev	.00268	.050	.00724	.07955	3.5605
%RSD	1.2136	.6421	2.5055	9.5217	1.1524

#1	.21887	7.761	-.29426	-.89167	-306.46
#2	.22266	7.690	-.28402	-.77917	-311.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4117.0	74211.	4746.8	98.022	3504.9
Stddev	14.5	558.	33.9	1.385	18.3
%RSD	.35171	.75127	.71507	1.4130	.52331

#1	4106.8	74605.	4770.8	97.042	3492.0
#2	4127.3	73817.	4722.8	99.001	3517.9

Sample Name: PB114510BL Acquired: 11/5/2018 17:16:35 Type: Unk
Method: P4-ICP2(v2549) 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	.00058	-.00019	.00045	.00307	-.00114	-.01229	.00022
Stddev	.00237	.00067	.00082	.00114	.00113	.01803	.00093
%RSD	411.23	347.56	184.04	37.011	99.221	146.69	432.39

#1	.00225	.00028	-.00013	.00387	-.00034	.00046	-.00044
#2	-.00110	-.00067	.00103	.00226	-.00195	-.02504	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00005	.01156	-.00026	.00010	-.00000	.00208
Stddev	.00006	.00006	.02002	.00026	.00015	.00029	.00062
%RSD	88.784	110.59	173.11	98.101	147.97	64179.	29.995

#1	-.00003	-.00001	.02572	-.00008	.00021	.00020	.00252
#2	-.00011	-.00010	-.00259	-.00045	-.00000	-.00020	.00164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00790	.00065	.00003	.05429	-.00022	.00010
Stddev	.00002	.03130	.00027	.00030	.01287	.00013	.00002
%RSD	194.51	396.13	40.807	1080.9	23.711	56.596	22.609

#1	-.00003	-.03004	.00046	-.00018	.04519	-.00031	.00008
#2	.00000	.01423	.00084	.00024	.06339	-.00013	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05549	.00007	.00811	.00029	.00272	-.00035	-.00247
Stddev	.01094	.00019	.00173	.00260	.00015	.00042	.00188
%RSD	19.719	282.86	21.290	913.60	5.6679	121.70	76.096

#1	.04775	.00020	.00689	-.00156	.00261	-.00064	-.00380
#2	.06323	-.00007	.00933	.00213	.00283	-.00005	-.00114

Sample Name: PB114510BL Acquired: 11/5/2018 17:16:35 Type: Unk
Method: P4-ICP2(v2549) 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	-.00008	.0003	-.00006	F 3.4757	F<.00000
Stddev	.00029	.0004	.00001	.0576	1.9632
%RSD	344.82	107.8	20.972	1.6572	95.199

#1	-.00029	.0001	-.00007	3.5164	-3.4503
#2	.00012	.0006	-.00005	3.4350	-.67400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.6	70411.	4120.2	111.06	4533.2
Stddev	8.4	7.	30.4	2.90	7.2
%RSD	.21368	.01061	.73882	2.6105	.15870

#1	3911.6	70406.	4098.7	109.01	4528.1
#2	3923.5	70416.	4141.7	113.11	4538.2

Sample Name: PB114510BS Acquired: 11/5/2018 17:20:41 Type: Unk
Method: P4-ICP2(v2549) 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	.79296	2.0140	.95647	2.0291	.80506	1.9974	.20847
Stddev	.00139	.0042	.00217	.0015	.00096	.0049	.00071
%RSD	.17506	.20853	.22732	.07611	.11907	.24445	.33897

#1	.79198	2.0110	.95493	2.0280	.80438	1.9939	.20797
#2	.79394	2.0170	.95800	2.0302	.80574	2.0009	.20897

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19879	.18889	1.0905	.42269	.19107	.31601	2.9264
Stddev	.00026	.00070	.0064	.00175	.00077	.00074	.0321
%RSD	.12894	.37223	.58500	.41477	.40494	.23375	1.0980

#1	.19861	.18839	1.0950	.42145	.19053	.31653	2.9491
#2	.19897	.18939	1.0860	.42392	.19162	.31549	2.9037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20969	2.0862	.47971	.07078	3.0846	.29935	.19751
Stddev	.00028	.0204	.00227	.00131	.0192	.00022	.00119
%RSD	.13435	.97979	.47264	1.8457	.62313	.07242	.60320

#1	.20949	2.0718	.47810	.06985	3.0710	.29950	.19836
#2	.20989	2.1007	.48131	.07170	3.0982	.29919	.19667

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.318	.41299	.31596	F -.00675	.94318	.67411	.20189
Stddev	.044	.00120	.01139	.00157	.00811	.00101	.00077
%RSD	.42912	.28937	3.6048	23.224	.86023	.14933	.38194

#1	10.349	.41215	.30791	-.00786	.93744	.67340	.20134
#2	10.286	.41384	.32401	-.00564	.94891	.67482	.20243

Sample Name: PB114510BS Acquired: 11/5/2018 17:20:41 Type: Unk
 Method: P4-ICP2(v2549) 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	.21061	F 5.641	.21613	F 3.7907	F<.00000
Stddev	.00011	.002	.00003	.1494	.80839
%RSD	.05093	.0350	.01406	3.9408	14.525

#1	.21054	5.640	.21610	3.6851	-4.9937
#2	.21069	5.643	.21615	3.8964	-6.1370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3883.9	69623.	4088.7	112.11	4396.5
Stddev	11.7	175.	5.0	1.16	3.7
%RSD	.30113	.25150	.12263	1.0354	.08307

#1	3875.7	69747.	4092.3	111.29	4393.9
#2	3892.2	69499.	4085.2	112.93	4399.1

Sample Name: CCV06 Acquired: 11/5/2018 17:24:33 Type: Unk
Method: P4-ICP2(v2549) 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	4.9978	4.9460	4.7955	5.0221	5.0207	10.167	10.018	.24690
Stddev	.0075	.0195	.0073	.0008	.0057	.032	.007	.00071
%RSD	.15029	.39467	.15295	.01682	.11380	.31502	.07240	.28814
#1	5.0031	4.9322	4.7903	5.0215	5.0247	10.144	10.013	.24740
#2	4.9925	4.9598	4.8007	5.0227	5.0166	10.190	10.023	.24640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3879	25.653	1.0261	2.3837	1.2394	4.7716	2.4809	24.208
Stddev	.0039	.153	.0007	.0047	.0006	.0411	.0004	.079
%RSD	.16269	.59464	.06560	.19733	.04855	.86182	.01708	.32436
#1	2.3852	25.545	1.0266	2.3804	1.2390	4.7425	2.4806	24.153
#2	2.3907	25.761	1.0256	2.3871	1.2398	4.8006	2.4812	24.264
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3852	1.2132	24.271	2.4484	2.3845	24.859	5.0038	4.9910
Stddev	.0063	.0001	.082	.0012	.0020	.170	.0001	.0049
%RSD	.26244	.00988	.33619	.04897	.08513	.68409	.00146	.09859
#1	2.3808	1.2131	24.214	2.4475	2.3830	24.738	5.0039	4.9945
#2	2.3897	1.2133	24.329	2.4492	2.3859	24.979	5.0038	4.9876
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8599	4.9362	4.8461	4.8859	5.0471	5.007	5.1961	4.9632
Stddev	.0156	.0209	.0140	.0100	.0064	.018	.0139	.0502
%RSD	.32096	.42331	.28941	.20497	.12605	.3624	.26702	1.0115
#1	4.8489	4.9214	4.8362	4.8788	5.0426	4.994	5.1863	4.9987
#2	4.8709	4.9510	4.8560	4.8930	5.0516	5.020	5.2059	4.9277

Sample Name: CCV06 Acquired: 11/5/2018 17:24:33 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1580
Stddev	1.2356
%RSD	57.255

#1	3.0317
#2	1.2844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.5	67091.	4086.7	108.07	4004.9
Stddev	2.5	148.	4.3	.08	4.4
%RSD	.06752	.21998	.10575	.07406	.10991

#1	3748.7	66986.	4089.7	108.12	4008.0
#2	3752.3	67195.	4083.6	108.01	4001.8

Sample Name: CCB06 Acquired: 11/5/2018 17:28:18 Type: Unk
Method: P4-ICP2(v2549) 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	.00139	.00017	-.00033	.00203	-.00144	-.01629	-.00085
Stddev	.00001	.00125	.00009	.00393	.00080	.00464	.00084
%RSD	.94090	742.92	26.835	193.72	55.680	28.501	97.921

#1	.00140	.00105	-.00040	.00481	-.00088	-.01957	-.00026
#2	.00138	-.00072	-.00027	-.00075	-.00201	-.01300	-.00145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00002	.02117	-.00001	-.00016	-.00015	-.00094
Stddev	.00002	.00002	.00392	.00009	.00026	.00009	.01260
%RSD	10.779	97.298	18.520	697.82	166.98	62.474	1336.6

#1	-.00014	.00001	.02394	-.00008	-.00034	-.00008	.00797
#2	-.00016	.00003	.01840	.00005	.00003	-.00021	-.00985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01748	.00099	-.00013	.01250	-.00001	-.00004
Stddev	.00005	.03936	.00060	.00010	.00363	.00062	.00006
%RSD	305.42	225.22	60.624	72.638	29.020	10593.	161.32

#1	-.00005	-.01036	.00141	-.00020	.00994	.00043	.00001
#2	.00002	.04531	.00056	-.00006	.01507	-.00045	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06912	.00044	.01755	.00021	.00199	.00038	-.00141
Stddev	.01028	.00014	.00151	.00108	.00269	.00011	.00040
%RSD	14.878	30.810	8.6143	515.76	134.99	29.658	28.294

#1	.06185	.00054	.01648	.00097	.00389	.00045	-.00169
#2	.07639	.00035	.01862	-.00056	.00009	.00030	-.00112

Sample Name: CCB06 Acquired: 11/5/2018 17:28:18 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.0001	.00009	F 3.1276	F<.00000
Stddev	.00095	.0001	.00002	.2091	.49571
%RSD	124.31	102.1	21.829	6.6848	14.206

#1	-.00009	.0000	.00010	3.2755	-3.1390
#2	-.00143	.0002	.00008	2.9798	-3.8401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.1	70534.	4164.4	112.98	4541.8
Stddev	16.6	141.	37.2	.05	27.8
%RSD	.42419	.20026	.89276	.04173	.61165

#1	3902.4	70434.	4138.1	112.94	4522.1
#2	3925.9	70634.	4190.7	113.01	4561.4

Sample Name: PB114512BL Acquired: 11/5/2018 17:32:23 Type: Unk
Method: P4-ICP2(v2549) 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	-.00011	.00049	-.00060	.00206	-.00215	-.02451	-.00128
Stddev	.00077	.00039	.00026	.00183	.00059	.01540	.00030
%RSD	730.26	79.993	42.785	89.158	27.328	62.832	23.792

#1	.00044	.00021	-.00079	.00335	-.00257	-.01362	-.00150
#2	-.00065	.00076	-.00042	.00076	-.00173	-.03540	-.00106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00000	.02298	-.00008	.00013	-.00029	.00428
Stddev	.00008	.00001	.00601	.00013	.00015	.00017	.01070
%RSD	99.636	549.86	26.147	160.68	117.96	58.701	249.76

#1	-.00002	-.00001	.01873	.00001	.00023	-.00017	-.00328
#2	-.00014	.00000	.02723	-.00018	.00002	-.00041	.01185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.03297	.00063	-.00040	-.00804	.00008	-.00002
Stddev	.00009	.02108	.00006	.00002	.00445	.00037	.00000
%RSD	3967.7	63.944	8.8542	4.4899	55.355	446.40	25.586

#1	-.00007	.01806	.00059	-.00041	-.00489	-.00018	-.00002
#2	.00006	.04788	.00067	-.00038	-.01118	.00034	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02739	.00062	.00552	.00010	.00147	-.00022	-.00351
Stddev	.03846	.00006	.00601	.00306	.00264	.00047	.00169
%RSD	140.38	9.0102	108.82	3109.4	178.91	210.79	48.074

#1	.05459	.00066	.00127	-.00207	.00334	.00011	-.00232
#2	.00020	.00058	.00977	.00226	-.00039	-.00055	-.00470

Sample Name: PB114512BL Acquired: 11/5/2018 17:32:23 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00187	-0.0004	-0.00001	F 3.3847	F<.00000
Stddev	.00148	.0017	.00006	.0992	.27784
%RSD	79.212	437.8	565.05	2.9312	8.8445

#1	-0.00292	-0.0016	.00003	3.3145	-3.3379
#2	-0.00082	.0008	-0.00005	3.4548	-2.9449

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3948.0	69915.	4197.0	113.15	4583.0
Stddev	2.6	742.	23.0	.94	11.2
%RSD	.06498	1.0618	.54687	.82800	.24350

#1	3946.2	70440.	4180.8	112.49	4575.1
#2	3949.8	69391.	4213.2	113.82	4590.9

Sample Name: PB114512BS Acquired: 11/5/2018 17:36:28 Type: Unk
Method: P4-ICP2(v2549) 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	.78638	1.9999	.94586	2.0031	.79701	2.0063	.20734
Stddev	.00317	.0065	.00113	.0009	.00156	.0181	.00078
%RSD	.40334	.32419	.11959	.04652	.19620	.90402	.37430

#1	.78862	2.0045	.94506	2.0025	.79811	1.9935	.20789
#2	.78414	1.9953	.94666	2.0038	.79590	2.0191	.20679

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19709	.18651	1.0599	.41766	.18884	.31239	2.8693
Stddev	.00018	.00042	.0320	.00361	.00030	.00059	.0325
%RSD	.09096	.22480	3.0193	.86474	.15637	.18920	1.1329

#1	.19696	.18681	1.0825	.41510	.18863	.31280	2.8463
#2	.19722	.18622	1.0373	.42021	.18904	.31197	2.8923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20782	2.0093	.47516	.07082	3.0247	.29716	.19050
Stddev	.00049	.0323	.00060	.00061	.0023	.00053	.00031
%RSD	.23737	1.6089	.12657	.85622	.07663	.17799	.16308

#1	.20748	1.9865	.47473	.07039	3.0264	.29753	.19072
#2	.20817	2.0322	.47558	.07125	3.0231	.29679	.19028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.168	.40867	.31448	F -.00773	.93246	.67043	.20039
Stddev	.084	.00120	.00714	.00099	.00688	.00187	.00206
%RSD	.82793	.29331	2.2699	12.759	.73777	.27901	1.0290

#1	10.227	.40782	.31952	-.00703	.93733	.66911	.20185
#2	10.108	.40952	.30943	-.00843	.92760	.67175	.19893

Sample Name: PB114512BS Acquired: 11/5/2018 17:36:28 Type: Unk
 Method: P4-ICP2(v2549) 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	.21113	F 5.596	.21446	F 3.4704	F<.00000
Stddev	.00071	.011	.00037	.1502	.63342
%RSD	.33497	.1954	.17456	4.3273	14.047

#1	.21163	5.604	.21473	3.5766	-4.0614
#2	.21063	5.589	.21420	3.3642	-4.9572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.0	70044.	4174.9	115.33	4424.1
Stddev	2.3	257.	59.3	.31	7.0
%RSD	.05865	.36751	1.4196	.27079	.15840

#1	3904.3	69862.	4133.0	115.11	4419.1
#2	3907.6	70226.	4216.8	115.55	4429.0

Sample Name: J5730-08 Acquired: 11/5/2018 17:40:17 Type: Unk
Method: P4-ICP2(v2549) 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	.00250	.00032	.00343	.00252	-.00353	.02086	.02217	.00001
Stddev	.00054	.00074	.00123	.00135	.00130	.01099	.00008	.00003
%RSD	21.527	229.52	35.976	53.326	36.775	52.666	.36679	314.37
#1	.00288	.00084	.00430	.00157	-.00445	.02863	.02223	-.00001
#2	.00212	-.00020	.00256	.00347	-.00261	.01309	.02212	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	62.242	-.00095	-.00008	.00175	-.01202	.00510	117.18
Stddev	.00004	.025	.00038	.00003	.00066	.00103	.00008	.13
%RSD	410.91	.03987	40.137	44.777	37.461	8.6040	1.6126	.11480
#1	-.00004	62.225	-.00068	-.00005	.00221	-.01129	.00516	117.28
#2	.00002	62.260	-.00122	-.00010	.00129	-.01276	.00505	117.09
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.00007	917.73	.00054	.00050	39.442	.00157	.42581
Stddev	.00032	.00028	11.63	.00030	.00006	.130	.00001	.00829
%RSD	21.279	410.79	1.2668	55.073	11.965	.32974	.75180	1.9463
#1	-.00172	-.00013	925.95	.00076	.00054	39.350	.00156	.41995
#2	-.00127	.00027	909.51	.00033	.00046	39.534	.00157	.43167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.923	1.7667	-.03398	-.00231	.01116	.0813	.83788	5.6780
Stddev	.131	.0052	.00013	.00015	.00112	.0010	.00146	.0771
%RSD	.14210	.29229	.37191	6.2913	10.006	1.282	.17424	1.3585
#1	92.016	1.7630	-.03407	-.00221	.01195	.0805	.83685	5.7326
#2	91.831	1.7703	-.03389	-.00241	.01037	.0820	.83892	5.6235

Sample Name: J5730-08 Acquired: 11/5/2018 17:40:17 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.9239
Stddev	.5470
%RSD	7.9008

#1	6.5371
#2	7.3107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.4	63238.	4120.6	108.83	3678.5
Stddev	11.4	201.	12.6	.83	19.5
%RSD	.31550	.31736	.30620	.76713	.53111

#1	3601.4	63096.	4129.6	108.24	3664.7
#2	3617.5	63380.	4111.7	109.42	3692.3

Sample Name: J5731-02 Acquired: 11/5/2018 17:44:25 Type: Unk
Method: P4-ICP2(v2549) 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	.00303	-.00160	.00314	.00350	-.00332	.02022	.02087	-.00004
Stddev	.00079	.00028	.00108	.00152	.00150	.00017	.00112	.00003
%RSD	25.959	17.416	34.458	43.250	45.338	.83165	5.3802	77.171

#1	.00359	-.00140	.00238	.00458	-.00438	.02010	.02008	-.00002
#2	.00248	-.00180	.00391	.00243	-.00225	.02034	.02166	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	64.789	-.00116	-.00012	.00102	-.01537	.00425	124.54
Stddev	.00002	3.614	.00012	.00009	.00035	.00261	.00006	5.30
%RSD	13.918	5.5783	10.200	70.132	34.777	17.000	1.4950	4.2557

#1	-.00013	62.233	-.00108	-.00018	.00077	-.01722	.00430	120.79
#2	-.00016	67.344	-.00125	-.00006	.00127	-.01352	.00421	128.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	-.00062	937.45	.00077	.00042	42.307	.00121	.45067
Stddev	.00027	.00010	45.97	.00039	.00003	2.124	.00008	.02521
%RSD	14.763	16.953	4.9040	50.324	7.7074	5.0216	6.6315	5.5934

#1	-.00162	-.00054	904.94	.00050	.00040	40.804	.00126	.43284
#2	-.00199	-.00069	969.96	.00105	.00045	43.809	.00115	.46849

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.082	1.7461	-.03634	-.00389	.01132	.0792	.88724	6.0720
Stddev	1.182	.0800	.00080	.00177	.00075	.0017	.04718	.0391
%RSD	1.2300	4.5840	2.1966	45.557	6.6311	2.183	5.3175	.64420

#1	95.246	1.6895	-.03577	-.00514	.01185	.0780	.85388	6.0443
#2	96.918	1.8027	-.03690	-.00264	.01079	.0805	.92060	6.0996

Sample Name: J5731-02 Acquired: 11/5/2018 17:44:25 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.1394
Stddev .4007
%RSD 6.5270

#1 5.8561
#2 6.4228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.1	63406.	4113.0	109.54	3698.8
Stddev	52.1	137.	197.4	6.19	45.5
%RSD	1.4377	.21637	4.8002	5.6474	1.2311

#1	3658.9	63309.	4252.6	113.91	3731.0
#2	3585.2	63503.	3973.4	105.16	3666.6

Sample Name: J5731-03 Acquired: 11/5/2018 17:48:33 Type: Unk
Method: P4-ICP2(v2549) 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	.00151	-.00201	.00172	.00399	-.00356	.04447	.02118	-.00009
Stddev	.00055	.00143	.00270	.00125	.00042	.02200	.00065	.00007
%RSD	36.569	71.127	156.45	31.266	11.844	49.472	3.0901	76.576
#1	.00190	-.00100	-.00018	.00487	-.00326	.06002	.02164	-.00004
#2	.00112	-.00302	.00363	.00311	-.00385	.02891	.02072	-.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	60.527	-.00093	-.00012	.00125	.00052	.00475	112.50
Stddev	.00005	1.408	.00033	.00039	.00011	.00761	.00004	2.48
%RSD	26.614	2.3256	34.833	323.79	9.0465	1454.0	.91384	2.2062
#1	-.00022	61.522	-.00116	-.00039	.00117	.00590	.00472	114.26
#2	-.00015	59.532	-.00070	.00015	.00133	-.00486	.00478	110.75
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.00010	846.16	.00056	.00099	38.547	.00122	.40270
Stddev	.00050	.00035	21.77	.00013	.00005	.718	.00027	.00226
%RSD	25.174	339.74	2.5730	23.086	5.4191	1.8637	21.892	.56058
#1	-.00233	-.00036	861.55	.00047	.00096	39.055	.00103	.40430
#2	-.00163	.00015	830.76	.00065	.00103	38.039	.00141	.40110
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 90.472	1.7681	-.03360	-.00235	.01154	.0764	.81563	6.3610
Stddev	1.857	.0338	.00028	.00286	.00114	.0031	.01592	.0291
%RSD	2.0528	1.9107	.82419	121.50	9.8476	4.110	1.9519	.45814
#1	91.785	1.7920	-.03379	-.00438	.01234	.0786	.82688	6.3816
#2	89.158	1.7442	-.03340	-.00033	.01073	.0742	.80437	6.3404

Sample Name: J5731-03 Acquired: 11/5/2018 17:48:33 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.2954
Stddev	.6766
%RSD	10.747

#1	5.8170
#2	6.7738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.9	62919.	4217.3	109.77	3683.0
Stddev	57.2	89.	78.6	.44	69.0
%RSD	1.5876	.14082	1.8640	.40166	1.8729

#1	3565.4	62856.	4161.7	110.08	3634.3
#2	3646.4	62981.	4272.9	109.45	3731.8

Sample Name: J5731-04 Acquired: 11/5/2018 17:52:32 Type: Unk
Method: P4-ICP2(v2549) 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	-.00081	.00236	.00452	-.00339	.03049	.02087	-.00001
Stddev	.00120	.00015	.00043	.00459	.00053	.00618	.00007	.00004
%RSD	61.451	18.823	18.051	101.61	15.744	20.258	.33705	356.05

#1	.00110	-.00071	.00266	.00127	-.00377	.03486	.02092	.00002
#2	.00280	-.00092	.00206	.00777	-.00301	.02612	.02082	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	58.121	-.00035	.00016	.00172	-.02166	.00369	101.77
Stddev	.00005	.040	.00048	.00013	.00010	.00865	.00006	.69
%RSD	26.195	.06945	137.76	77.609	5.7696	39.935	1.5650	.68194

#1	-.00024	58.149	-.00001	.00007	.00165	-.02777	.00365	102.27
#2	-.00017	58.092	-.00069	.00025	.00179	-.01554	.00373	101.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00074	768.98	.00066	.00077	35.016	.00110	.36372
Stddev	.00065	.00112	7.58	.00040	.00004	.109	.00016	.00894
%RSD	37.322	152.00	.98614	60.109	4.7285	.31142	14.122	2.4567

#1	-.00128	-.00154	774.34	.00038	.00080	35.093	.00121	.37003
#2	-.00220	.00006	763.62	.00094	.00075	34.939	.00099	.35740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 80.628	1.8039	-.02957	-.00352	.01123	.0755	.75785	6.2395
Stddev	.423	.0242	.00049	.00406	.00051	.0027	.00041	.0671
%RSD	.52405	1.3392	1.6536	115.41	4.5431	3.555	.05358	1.0747

#1	80.329	1.8210	-.02922	-.00065	.01087	.0736	.75813	6.1921
#2	80.927	1.7868	-.02991	-.00639	.01159	.0774	.75756	6.2869

Sample Name: J5731-04 Acquired: 11/5/2018 17:52:32 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1042
Stddev	1.3367
%RSD	26.189

#1	6.0494
#2	4.1589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3628.9	63702.	4178.2	110.97	3727.8
Stddev	10.4	100.	10.9	.70	16.0
%RSD	.28674	.15644	.26100	.63439	.42834

#1	3636.3	63773.	4170.5	111.46	3739.1
#2	3621.6	63632.	4185.9	110.47	3716.5

Sample Name: J5731-05 Acquired: 11/5/2018 17:56:39 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	-.00027	.00209	.00398	-.00389	.01910	.02070	-.00004
Stddev	.00012	.00006	.00077	.00308	.00280	.00361	.00050	.00003
%RSD	7.3229	22.068	36.986	77.428	71.993	18.914	2.3982	89.701
#1	.00176	-.00023	.00264	.00616	-.00191	.01655	.02035	-.00006
#2	.00159	-.00031	.00155	.00180	-.00588	.02166	.02105	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	56.955	-.00097	-.00028	.00174	.00031	.00436	100.69
Stddev	.00006	1.428	.00035	.00018	.00017	.00762	.00012	2.51
%RSD	76.978	2.5065	35.875	64.087	9.5264	2458.1	2.7038	2.4938
#1	-.00012	55.945	-.00073	-.00016	.00162	-.00508	.00445	98.910
#2	-.00004	57.964	-.00122	-.00041	.00185	.00570	.00428	102.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00118	759.86	.00084	.00057	34.358	.00132	.36815
Stddev	.00022	.00026	14.56	.00012	.00004	.670	.00018	.00497
%RSD	17.460	22.467	1.9164	14.630	6.8759	1.9515	13.878	1.3496
#1	-.00113	-.00136	749.57	.00093	.00054	33.884	.00119	.36464
#2	-.00145	-.00099	770.16	.00076	.00060	34.833	.00145	.37167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 78.445	1.7892	-.02929	-.00202	.01024	.0748	.73917	5.8918
Stddev	.262	.0060	.00028	.00092	.00069	.0003	.01802	.0875
%RSD	.33420	.33822	.93977	45.597	6.7651	.3572	2.4376	1.4853
#1	78.630	1.7849	-.02948	-.00267	.01073	.0747	.72643	5.9537
#2	78.259	1.7935	-.02909	-.00137	.00975	.0750	.75191	5.8299

Sample Name: J5731-05 Acquired: 11/5/2018 17:56:39 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3138
Stddev	1.0174
%RSD	16.115

#1	5.5943
#2	7.0332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.7	63515.	4170.4	110.59	3772.2
Stddev	9.4	1018.	72.5	.54	27.5
%RSD	.25547	1.6021	1.7383	.48902	.72977

#1	3657.1	62796.	4221.7	110.98	3752.7
#2	3670.3	64235.	4119.2	110.21	3791.6

Sample Name: J5731-06 Acquired: 11/5/2018 18:00:48 Type: Unk
Method: P4-ICP2(v2549) 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	.00327	-.00139	.00195	.00576	-.00440	.01985	.02180	-.00004
Stddev	.00225	.00056	.00056	.00324	.00018	.00707	.00005	.00005
%RSD	68.756	40.231	28.668	56.202	4.0142	35.627	.23712	110.22

#1	.00486	-.00179	.00234	.00347	-.00453	.02486	.02183	-.00001
#2	.00168	-.00100	.00155	.00805	-.00428	.01485	.02176	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	60.890	-.00068	-.00014	.00158	-.00137	.00393	115.83
Stddev	.00004	.356	.00004	.00007	.00004	.00097	.00000	.49
%RSD	65.125	.58548	5.7772	51.884	2.2949	70.852	.02125	.41949

#1	-.00004	61.142	-.00071	-.00009	.00156	-.00068	.00393	116.17
#2	-.00010	60.638	-.00065	-.00019	.00161	-.00206	.00393	115.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00051	863.36	.00021	.00103	39.660	.00136	.42087
Stddev	.00012	.00039	25.18	.00002	.00010	.123	.00001	.00628
%RSD	6.5268	76.783	2.9170	10.603	9.4263	.30982	.72288	1.4923

#1	-.00173	-.00079	881.16	.00020	.00110	39.747	.00137	.41643
#2	-.00190	-.00023	845.55	.00023	.00097	39.573	.00135	.42531

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.437	1.7189	-.03471	-.00431	.01442	.0795	.83619	5.7703
Stddev	.420	.0161	.00055	.00002	.00039	.0014	.00203	.2907
%RSD	.44507	.93455	1.5761	.55094	2.6821	1.765	.24288	5.0375

#1	94.140	1.7302	-.03432	-.00432	.01469	.0805	.83762	5.5648
#2	94.734	1.7075	-.03510	-.00429	.01415	.0785	.83475	5.9758

Sample Name: J5731-06 Acquired: 11/5/2018 18:00:48 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.6669
Stddev	.2075
%RSD	3.1126

#1	6.5201
#2	6.8136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.3	63568.	4205.2	109.32	3646.8
Stddev	28.7	703.	24.2	1.67	26.0
%RSD	.80606	1.1060	.57508	1.5248	.71384

#1	3579.6	64065.	4188.1	108.14	3665.2
#2	3539.0	63071.	4222.3	110.50	3628.4

Sample Name: J5731-07 Acquired: 11/5/2018 18:04:57 Type: Unk
Method: P4-ICP2(v2549) 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	.00164	-.00030	.00126	.00539	-.00463	.01849	.02112	-.00006
Stddev	.00166	.00010	.00037	.00391	.00077	.01074	.00071	.00004
%RSD	101.55	32.542	29.541	72.660	16.631	58.082	3.3511	70.302
#1	.00282	-.00023	.00152	.00815	-.00409	.01090	.02162	-.00003
#2	.00046	-.00037	.00099	.00262	-.00517	.02609	.02062	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	57.213	-.00091	-.00011	.00128	-.00653	.00386	101.22
Stddev	.00008	1.165	.00029	.00032	.00057	.00679	.00001	1.52
%RSD	54.165	2.0358	32.204	287.19	44.653	104.03	.19225	1.5037
#1	-.00009	56.389	-.00070	-.00034	.00088	-.01133	.00387	100.15
#2	-.00020	58.036	-.00112	.00012	.00169	-.00173	.00385	102.30
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00068	762.49	.00096	.00085	34.828	.00085	.36653
Stddev	.00076	.00027	3.44	.00017	.00014	.730	.00016	.01130
%RSD	45.781	40.126	.45110	17.270	16.166	2.0954	19.178	3.0839
#1	-.00113	-.00087	760.06	.00084	.00076	34.312	.00074	.35854
#2	-.00221	-.00048	764.93	.00107	.00095	35.344	.00097	.37453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 82.000	1.7662	-.03073	-.00098	.01429	.0776	.75454	5.7180
Stddev	.185	.0286	.00040	.00199	.00048	.0003	.01770	.1812
%RSD	.22592	1.6183	1.2872	203.00	3.3548	.3968	2.3462	3.1690
#1	82.131	1.7460	-.03101	-.00238	.01395	.0778	.74202	5.8462
#2	81.869	1.7864	-.03045	.00043	.01463	.0773	.76706	5.5899

Sample Name: J5731-07 Acquired: 11/5/2018 18:04:57 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.4060
Stddev	1.0906
%RSD	17.025

#1	5.6348
#2	7.1772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3645.0	63986.	4238.5	109.14	3744.8
Stddev	8.7	87.	86.2	3.57	3.1
%RSD	.23771	.13600	2.0337	3.2716	.08374

#1	3651.1	63924.	4299.4	111.67	3742.6
#2	3638.9	64047.	4177.5	106.62	3747.1

Sample Name: J5731-08 Acquired: 11/5/2018 18:09:05 Type: Unk
Method: P4-ICP2(v2549) 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	.00135	-.00034	.00166	.00022	-.00469	.00202	.02123	.00004
Stddev	.00243	.00021	.00103	.00052	.00106	.01366	.00013	.00004
%RSD	180.22	60.943	61.825	234.36	22.577	677.35	.63343	91.954

#1	-.00037	-.00048	.00094	-.00015	-.00394	-.00764	.02113	.00007
#2	.00307	-.00019	.00239	.00059	-.00544	.01168	.02132	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	55.600	-.00086	-.00016	.00165	-.00800	.00356	94.922
Stddev	.00013	.293	.00070	.00002	.00024	.00233	.00009	.174
%RSD	73.125	.52707	81.209	11.833	14.529	29.153	2.4687	.18304

#1	-.00027	55.807	-.00135	-.00017	.00182	-.00964	.00349	94.799
#2	-.00009	55.393	-.00036	-.00015	.00148	-.00635	.00362	95.044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	-.00027	728.93	.00069	.00032	32.694	.00102	.34658
Stddev	.00022	.00059	2.85	.00057	.00005	.141	.00011	.00344
%RSD	19.848	218.21	.39044	82.507	16.327	.42973	10.917	.99327

#1	-.00093	-.00068	730.94	.00029	.00036	32.794	.00110	.34902
#2	-.00124	.00015	726.92	.00109	.00029	32.595	.00094	.34415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 77.113	1.7946	-.02908	-.00319	.01177	.0764	.71650	5.7461
Stddev	.393	.0120	.00028	.00256	.00013	.0009	.00285	.0393
%RSD	.50964	.66683	.97482	80.334	1.0939	1.207	.39719	.68301

#1	77.390	1.7862	-.02888	-.00500	.01168	.0771	.71851	5.7183
#2	76.835	1.8031	-.02928	-.00138	.01186	.0758	.71449	5.7738

Sample Name: J5731-08 Acquired: 11/5/2018 18:09:05 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1710
Stddev	.7609
%RSD	14.714

#1	5.7090
#2	4.6330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3623.2	63767.	4176.8	107.89	3721.5
Stddev	4.5	21.	2.0	1.44	8.4
%RSD	.12315	.03349	.04692	1.3375	.22583

#1	3620.1	63752.	4175.5	108.91	3715.6
#2	3626.4	63782.	4178.2	106.87	3727.5

Sample Name: CCV07 Acquired: 11/5/2018 18:13:14 Type: Unk
Method: P4-ICP2(v2549) 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	4.7768	4.7323	4.5473	4.7844	4.7927	9.6798	9.3842	.23408
Stddev	.0054	.0020	.0004	.0084	.0103	.0486	.0319	.00016
%RSD	.11379	.04309	.00887	.17585	.21411	.50228	.34026	.07014

#1	4.7729	4.7308	4.5476	4.7903	4.8000	9.7142	9.4068	.23396
#2	4.7806	4.7337	4.5470	4.7784	4.7855	9.6454	9.3617	.23419

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2688	24.199	.97536	2.2580	1.1768	4.6113	2.3572	F 22.310
Stddev	.0005	.098	.00217	.0047	.0039	.0193	.0019	.035
%RSD	.02326	.40303	.22225	.20633	.33441	.41902	.08212	.15736

#1	2.2692	24.130	.97383	2.2613	1.1795	4.5977	2.3558	22.335
#2	2.2685	24.268	.97689	2.2547	1.1740	4.6250	2.3586	22.285

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2582	1.1576	F 21.316	2.3308	2.4287	23.854	4.7541	4.6701
Stddev	.0025	.0022	.034	.0011	.0118	.084	.0057	.0055
%RSD	.11203	.18545	.15776	.04764	.48532	.35054	.11924	.11759

#1	2.2600	1.1560	21.340	2.3300	2.4203	23.913	4.7581	4.6662
#2	2.2564	1.1591	21.293	2.3316	2.4370	23.794	4.7501	4.6740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7397	4.6679	4.5949	4.5635	4.7899	4.802	4.9467	F 4.0248
Stddev	.0253	.0030	.0023	.0174	.0119	.009	.0095	.1119
%RSD	.53361	.06495	.05025	.38044	.24894	.1876	.19239	2.7796

#1	4.7576	4.6701	4.5933	4.5758	4.7983	4.796	4.9534	4.1039
#2	4.7218	4.6658	4.5966	4.5513	4.7814	4.809	4.9400	3.9457

Sample Name: CCV07 Acquired: 11/5/2018 18:13:14 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.9451
 Stddev 1.4252
 %RSD 73.273

#1 2.9528
 #2 .93729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.7	69719.	4282.0	108.99	4166.5
Stddev	17.8	85.	4.3	.19	18.9
%RSD	.45804	.12254	.09997	.17461	.45414

#1	3881.1	69658.	4279.0	109.13	4153.1
#2	3906.3	69779.	4285.1	108.86	4179.9

Sample Name: CCB07 Acquired: 11/5/2018 18:17:01 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7644 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00039	-.00020	.00010	-.00253	-.00549	-.00030
Stddev	.00182	.00109	.00025	.00242	.00090	.00195	.00045
%RSD	226.00	279.70	123.09	2356.3	35.535	35.460	147.94

#1	.00209	.00116	-.00003	-.00161	-.00317	-.00686	.00001
#2	-.00048	-.00038	-.00038	.00182	-.00190	-.00411	-.00062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00006	.01407	-.00019	.00021	-.00034	.00104
Stddev	.00002	.00012	.00067	.00040	.00002	.00013	.00982
%RSD	22.231	191.56	4.7302	213.40	11.110	38.641	942.42

#1	-.00010	-.00015	.01360	-.00047	.00020	-.00044	-.00590
#2	-.00007	.00002	.01454	.00009	.00023	-.00025	.00798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01377	.00081	-.00039	F .69903	-.00005	.00001
Stddev	.00003	.01027	.00063	.00009	.05674	.00029	.00006
%RSD	130.64	74.605	78.274	24.080	8.1169	610.93	1044.4

#1	.00005	-.00650	.00036	-.00046	.73915	-.00025	.00005
#2	.00000	-.02103	.00125	-.00033	.65891	.00016	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13450	.00050	.00450	F .01808	.00258	-.00030	-.00046
Stddev	.00229	.00024	.00928	.00416	.00171	.00011	.00150
%RSD	1.6990	46.996	206.54	23.009	66.215	35.375	323.14

#1	.13288	.00067	.01106	.02103	.00378	-.00038	-.00152
#2	.13611	.00034	-.00207	.01514	.00137	-.00023	.00060

Sample Name: CCB07 Acquired: 11/5/2018 18:17:01 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7644 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00696	-.0001	-.00003	F 3.5287	F<.00000
Stddev	.00150	.0000	.00015	.1275	.06085
%RSD	21.502	2.386	519.16	3.6132	1.6421

#1	.00590	-.0001	.00008	3.4385	-3.6626
#2	.00802	-.0001	-.00013	3.6188	-3.7486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3901.6	69645.	4108.2	108.03	4527.4
Stddev	1.3	6.	58.2	1.79	11.3
%RSD	.03235	.00802	1.4163	1.6527	.25059

#1	3900.7	69641.	4067.1	106.77	4519.3
#2	3902.5	69649.	4149.4	109.29	4535.4

Sample Name: J5731-09 Acquired: 11/5/2018 18:21:06 Type: Unk
Method: P4-ICP2(v2549) 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	.00328	-.00166	.00229	.00505	-.00370	.04480	.02244	-.00003
Stddev	.00035	.00140	.00023	.00110	.00006	.01087	.00013	.00005
%RSD	10.783	84.279	10.176	21.864	1.7026	24.266	.58563	174.82
#1	.00353	-.00067	.00213	.00427	-.00374	.05249	.02235	-.00006
#2	.00303	-.00264	.00246	.00583	-.00366	.03711	.02253	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	74.587	-.00108	-.00019	.00157	-.01154	.00444	156.67
Stddev	.00003	.206	.00021	.00002	.00027	.00016	.00006	.24
%RSD	21.017	.27685	19.616	9.7254	16.944	1.4077	1.3843	.15587
#1	-.00019	74.441	-.00123	-.00018	.00176	-.01143	.00439	156.50
#2	-.00014	74.733	-.00093	-.00020	.00138	-.01165	.00448	156.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00282	-.00043	1168.6	.00078	.00068	53.690	.00156	.56318
Stddev	.00045	.00043	16.2	.00045	.00001	.023	.00005	.00336
%RSD	16.151	100.61	1.3900	57.118	1.7849	.04331	3.1054	.59712
#1	-.00314	-.00012	1180.1	.00110	.00069	53.707	.00153	.56556
#2	-.00249	-.00073	1157.2	.00047	.00067	53.674	.00159	.56081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 128.12	1.7224	-.04784	-.00278	.02136	.0906	1.0990	6.5803
Stddev	.24	.0013	.00025	.00091	.00110	.0011	.0016	.1580
%RSD	.18826	.07467	.52070	32.748	5.1561	1.216	.14473	2.4010
#1	127.95	1.7215	-.04766	-.00342	.02214	.0914	1.1001	6.4686
#2	128.29	1.7234	-.04801	-.00214	.02058	.0899	1.0979	6.6920

Sample Name: J5731-09 Acquired: 11/5/2018 18:21:06 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.0426
Stddev .8794
%RSD 9.7248

#1 9.6644
#2 8.4208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.3	61432.	4103.6	103.88	3545.8
Stddev	12.0	323.	18.5	1.12	4.9
%RSD	.34082	.52608	.45172	1.0758	.13831

#1	3529.8	61660.	4090.5	104.67	3549.3
#2	3512.8	61203.	4116.7	103.09	3542.4

Sample Name: J5731-10 Acquired: 11/5/2018 18:25:14 Type: Unk
Method: P4-ICP2(v2549) 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	.00260	-.00138	.00165	.00474	-.00448	.02819	.02132	-.00003
Stddev	.00100	.00099	.00034	.00211	.00189	.00438	.00084	.00001
%RSD	38.451	71.773	20.623	44.535	42.211	15.554	3.9447	30.075
#1	.00331	-.00068	.00189	.00325	-.00314	.03129	.02191	-.00004
#2	.00189	-.00207	.00141	.00623	-.00582	.02509	.02072	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	58.975	-.00088	-.00014	.00085	-.00989	.00352	109.11
Stddev	.00008	.302	.00036	.00012	.00049	.00478	.00003	.32
%RSD	74.233	.51282	40.812	87.513	57.166	48.370	.76881	.29661
#1	-.00005	58.761	-.00113	-.00005	.00120	-.00651	.00354	109.33
#2	-.00017	59.189	-.00063	-.00022	.00051	-.01328	.00350	108.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00061	834.16	.00094	.00046	37.454	.00117	.39932
Stddev	.00056	.00018	10.48	.00101	.00000	.188	.00012	.00030
%RSD	41.903	30.241	1.2557	106.76	.02795	.50173	10.452	.07437
#1	-.00172	-.00048	841.57	.00023	.00046	37.321	.00126	.39911
#2	-.00094	-.00073	826.76	.00166	.00046	37.587	.00108	.39953
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.534	1.7276	-.03263	-.00370	.01194	.0765	.79889	5.4750
Stddev	.030	.0092	.00003	.00045	.00011	.0004	.00476	.1205
%RSD	.03351	.52996	.10343	12.122	.89845	.5409	.59567	2.2005
#1	88.513	1.7212	-.03261	-.00402	.01201	.0762	.79552	5.5602
#2	88.555	1.7341	-.03266	-.00338	.01186	.0768	.80225	5.3898

Sample Name: J5731-10 Acquired: 11/5/2018 18:25:14 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.8428
Stddev	.5442
%RSD	7.9531

#1	7.2276
#2	6.4580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3641.2	64099.	4228.6	109.67	3714.2
Stddev	14.5	95.	23.1	1.48	5.3
%RSD	.39873	.14829	.54712	1.3481	.14213

#1	3651.5	64031.	4245.0	108.62	3717.9
#2	3630.9	64166.	4212.3	110.71	3710.4

Sample Name: J5731-11 Acquired: 11/5/2018 18:29:22 Type: Unk
Method: P4-ICP2(v2549) 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	.00117	-.00164	.00168	.00226	-.00331	.03706	.02085	.00000
Stddev	.00105	.00067	.00075	.00164	.00135	.01572	.00003	.00004
%RSD	90.302	41.209	44.644	72.790	40.849	42.405	.13229	967.39

#1	.00042	-.00211	.00115	.00342	-.00236	.02595	.02087	.00003
#2	.00191	-.00116	.00221	.00110	-.00427	.04818	.02083	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	55.718	-.00058	-.00011	.00147	-.00402	.00333	94.666
Stddev	.00007	.184	.00036	.00002	.00008	.00264	.00015	.288
%RSD	31.554	.33023	62.134	16.055	5.2192	65.678	4.4213	.30455

#1	-.00025	55.848	-.00083	-.00012	.00141	-.00215	.00322	94.463
#2	-.00016	55.588	-.00032	-.00010	.00152	-.00589	.00343	94.870

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00008	726.41	.00142	.00045	32.611	.00108	.34101
Stddev	.00048	.00042	15.73	.00031	.00003	.129	.00005	.00792
%RSD	28.095	520.50	2.1660	22.104	7.3310	.39410	4.5266	2.3220

#1	-.00137	.00022	737.54	.00164	.00042	32.520	.00104	.34661
#2	-.00205	-.00038	715.28	.00120	.00047	32.702	.00111	.33541

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.660	1.8153	-.02785	-.00313	.01081	.0756	.71349	5.4218
Stddev	.341	.0046	.00045	.00220	.00055	.0009	.00035	.1447
%RSD	.45027	.25414	1.6209	70.261	5.0535	1.151	.04902	2.6680

#1	75.419	1.8120	-.02753	-.00157	.01043	.0750	.71374	5.3195
#2	75.901	1.8186	-.02817	-.00468	.01120	.0762	.71325	5.5241

Sample Name: J5731-11 Acquired: 11/5/2018 18:29:22 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.6870
Stddev	1.7731
%RSD	26.516

#1	5.4332
#2	7.9408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.4	64249.	4146.0	104.55	3754.3
Stddev	3.9	53.	.1	.04	14.4
%RSD	.10576	.08237	.00270	.03364	.38360

#1	3673.1	64286.	4146.1	104.52	3764.5
#2	3667.6	64212.	4146.0	104.57	3744.1

Sample Name: J5731-12 Acquired: 11/5/2018 18:33:30 Type: Unk
Method: P4-ICP2(v2549) 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	.00312	-.00054	.00216	.00459	-.00400	.03967	.02142	-.00003
Stddev	.00121	.00023	.00027	.00082	.00090	.00634	.00041	.00003
%RSD	38.895	42.103	12.381	17.852	22.486	15.994	1.9243	88.837

#1	.00398	-.00038	.00235	.00401	-.00336	.03518	.02171	-.00001
#2	.00226	-.00070	.00197	.00516	-.00463	.04415	.02113	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	71.558	-.00084	.00002	.00132	-.01261	.00469	149.59
Stddev	.00003	2.957	.00019	.00012	.00024	.01689	.00001	6.31
%RSD	13.031	4.1316	22.513	675.14	17.853	133.96	.24663	4.2157

#1	-.00019	73.649	-.00098	-.00007	.00149	-.02455	.00468	154.05
#2	-.00023	69.468	-.00071	.00010	.00116	-.00067	.00470	145.13

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	-.00028	1086.3	.00066	.00110	52.427	.00185	.54294
Stddev	.00014	.00070	61.2	.00028	.00003	2.119	.00002	.02077
%RSD	5.5946	247.87	5.6361	42.955	2.5118	4.0412	1.3490	3.8264

#1	-.00233	-.00078	1129.6	.00086	.00108	53.925	.00183	.55763
#2	-.00252	.00021	1043.0	.00046	.00112	50.929	.00187	.52825

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 126.39	1.6577	-.04631	-.00295	.02127	.0890	1.0588	6.4249
Stddev	.06	.0648	.00068	.00204	.00018	.0026	.0445	.0171
%RSD	.05066	3.9100	1.4652	69.115	.85506	2.924	4.2039	.26689

#1	126.43	1.7035	-.04583	-.00151	.02140	.0871	1.0903	6.4370
#2	126.34	1.6119	-.04679	-.00439	.02114	.0908	1.0274	6.4127

Sample Name: J5731-12 Acquired: 11/5/2018 18:33:30 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.2768
Stddev	.5265
%RSD	6.3608

#1	7.9045
#2	8.6491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.3	60969.	4179.9	104.39	3552.5
Stddev	9.3	346.	147.5	1.74	5.2
%RSD	.26330	.56724	3.5279	1.6682	.14503

#1	3534.8	60724.	4075.6	103.16	3548.9
#2	3521.7	61213.	4284.2	105.62	3556.2

Sample Name: J5731-13 Acquired: 11/5/2018 18:37:38 Type: Unk
 Method: P4-ICP2(v2549) 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	.00320	.00014	.00237	.00118	-.00297	.01351	.02110	-.00006
Stddev	.00052	.00109	.00035	.00062	.00055	.00403	.00025	.00000
%RSD	16.301	753.62	14.556	52.158	18.374	29.833	1.1850	7.7680

#1	.00357	.00091	.00213	.00161	-.00336	.01636	.02127	-.00006
#2	.00283	-.00063	.00261	.00074	-.00259	.01066	.02092	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	62.853	-.00061	.00016	.00153	-.01199	.00349	118.71
Stddev	.00002	.064	.00026	.00002	.00092	.00186	.00004	.68
%RSD	15.437	.10222	43.201	12.905	60.140	15.540	1.2598	.57605

#1	-.00016	62.807	-.00079	.00015	.00088	-.01331	.00352	118.23
#2	-.00013	62.898	-.00042	.00017	.00218	-.01067	.00346	119.20

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00030	883.80	.00127	.00085	41.109	.00132	.42993
Stddev	.00092	.00060	9.70	.00046	.00001	.017	.00015	.01885
%RSD	45.266	201.85	1.0975	35.929	1.5667	.04084	11.468	4.3848

#1	-.00139	-.00072	890.65	.00159	.00085	41.097	.00142	.41660
#2	-.00269	.00013	876.94	.00095	.00086	41.120	.00121	.44326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.561	1.7560	-.03581	-.00254	.01643	.0832	.86490	5.8770
Stddev	.141	.0027	.00105	.00115	.00195	.0000	.00012	.1067
%RSD	.14560	.15270	2.9337	45.456	11.898	.0222	.01406	1.8161

#1	96.660	1.7579	-.03507	-.00335	.01781	.0832	.86499	5.9525
#2	96.462	1.7541	-.03655	-.00172	.01504	.0833	.86482	5.8015

Sample Name: J5731-13 Acquired: 11/5/2018 18:37:38 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1422
Stddev	.3452
%RSD	5.6197

#1	5.8981
#2	6.3862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.5	62806.	4148.6	104.22	3638.2
Stddev	1.2	222.	.2	1.10	10.1
%RSD	.03454	.35274	.00441	1.0512	.27757

#1	3580.7	62650.	4148.4	103.45	3645.4
#2	3582.4	62963.	4148.7	105.00	3631.1

Sample Name: J5731-14 Acquired: 11/5/2018 18:41:46 Type: Unk
Method: P4-ICP2(v2549) 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	.00193	-.00135	.00207	.00324	-.00256	.02560	.02070	.00000
Stddev	.00039	.00098	.00026	.00246	.00072	.00989	.00003	.00002
%RSD	20.038	72.746	12.753	75.958	28.065	38.640	.15478	506.20

#1	.00220	-.00065	.00226	.00150	-.00307	.03260	.02068	.00002
#2	.00165	-.00204	.00188	.00498	-.00205	.01861	.02073	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	55.202	-.00059	-.00001	.00116	-.01544	.00322	95.634
Stddev	.00008	.443	.00007	.00005	.00032	.00195	.00011	.186
%RSD	48.820	.80216	11.540	563.71	27.402	12.631	3.3461	.19471

#1	-.00011	54.889	-.00064	.00003	.00138	-.01682	.00314	95.766
#2	-.00022	55.515	-.00054	-.00005	.00094	-.01406	.00330	95.503

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00035	734.00	.00124	.00054	33.300	.00133	.34911
Stddev	.00026	.00020	3.09	.00069	.00000	.231	.00026	.00106
%RSD	14.768	57.208	.42031	55.824	.54894	.69342	19.145	.30384

#1	-.00195	-.00021	736.18	.00075	.00054	33.137	.00115	.34836
#2	-.00158	-.00049	731.82	.00173	.00054	33.463	.00151	.34986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 77.493	1.7650	-.02932	-.00271	.01192	.0739	.71807	5.5766
Stddev	.134	.0185	.00024	.00033	.00121	.0014	.00379	.4349
%RSD	.17258	1.0486	.81284	12.076	10.182	1.831	.52769	7.7994

#1	77.587	1.7520	-.02915	-.00294	.01107	.0749	.71539	5.2691
#2	77.398	1.7781	-.02949	-.00248	.01278	.0729	.72075	5.8842

Sample Name: J5731-14 Acquired: 11/5/2018 18:41:46 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.3297
Stddev	1.8855
%RSD	35.377

#1	3.9965
#2	6.6630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.4	63641.	4186.3	104.63	3758.5
Stddev	13.1	1404.	5.1	.63	8.0
%RSD	.35826	2.2062	.12200	.60576	.21172

#1	3655.2	64634.	4189.9	104.18	3752.9
#2	3673.7	62649.	4182.7	105.08	3764.2

Sample Name: J5789-02 Acquired: 11/5/2018 18:45:54 Type: Unk
Method: P4-ICP2(v2549) 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	.00031	-.00080	.00234	.00424	-.00481	.01268	.02065	-.00008
Stddev	.00175	.00117	.00160	.00021	.00031	.00931	.00004	.00003
%RSD	567.00	146.16	68.301	4.9894	6.4874	73.417	.18139	33.433
#1	-.00093	.00003	.00347	.00409	-.00459	.01927	.02068	-.00010
#2	.00155	-.00162	.00121	.00439	-.00503	.00610	.02063	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	70.515	-.00145	-.00006	.00140	-.01055	.00612	144.88
Stddev	.00012	.421	.00013	.00035	.00013	.00036	.00004	1.32
%RSD	76.745	.59727	8.9391	570.89	9.1281	3.4519	.66151	.91431
#1	-.00007	70.217	-.00154	.00019	.00149	-.01029	.00609	143.94
#2	-.00024	70.813	-.00136	-.00031	.00131	-.01081	.00615	145.81
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	-.00054	1054.4	.00118	.00053	50.830	.00185	.51384
Stddev	.00022	.00035	27.7	.00007	.00005	.406	.00013	.00829
%RSD	11.383	65.205	2.6236	5.7846	10.270	.79907	6.9333	1.6138
#1	-.00205	-.00079	1074.0	.00113	.00049	50.543	.00194	.50798
#2	-.00175	-.00029	1034.9	.00123	.00057	51.117	.00176	.51971
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.43	1.7223	-.04499	-.00362	.02110	.0880	1.0348	5.9870
Stddev	.29	.0117	.00008	.00058	.00366	.0006	.0032	.1267
%RSD	.24327	.67696	.16940	15.875	17.331	.7072	.31025	2.1154
#1	120.64	1.7141	-.04494	-.00322	.01852	.0876	1.0325	6.0766
#2	120.22	1.7306	-.04505	-.00403	.02369	.0885	1.0370	5.8975

Sample Name: J5789-02 Acquired: 11/5/2018 18:45:54 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.6003
 Stddev .0208
 %RSD .27375

#1 7.6151
 #2 7.5856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.8	61802.	4113.8	102.57	3573.6
Stddev	4.0	193.	24.8	.84	12.2
%RSD	.11363	.31198	.60365	.82255	.34002

#1	3543.9	61666.	4131.3	103.17	3565.0
#2	3549.6	61938.	4096.2	101.98	3582.2

Sample Name: J5789-03 Acquired: 11/5/2018 18:50:02 Type: Unk
Method: P4-ICP2(v2549) 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	.00112	-.00083	.00284	.00352	-.00362	.03109	.02156	-.00001
Stddev	.00045	.00166	.00083	.00253	.00149	.01117	.00009	.00000
%RSD	39.747	200.62	29.376	71.677	41.075	35.914	.43342	7.8902
#1	.00144	-.00200	.00343	.00531	-.00468	.03899	.02162	-.00001
#2	.00081	.00035	.00225	.00174	-.00257	.02319	.02149	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	64.706	-.00123	-.00005	.00072	-.01204	.00471	120.95
Stddev	.00006	.120	.00018	.00025	.00043	.00876	.00042	.25
%RSD	30.393	.18588	14.352	469.44	60.045	72.738	8.9202	.20348
#1	-.00015	64.791	-.00136	.00012	.00103	-.00585	.00501	121.13
#2	-.00024	64.621	-.00111	-.00023	.00041	-.01823	.00441	120.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	-.00063	900.89	.00073	.00055	42.756	.00164	.42414
Stddev	.00039	.00024	11.76	.00009	.00006	.021	.00007	.01166
%RSD	20.982	38.390	1.3058	12.362	11.306	.04857	4.3029	2.7487
#1	-.00214	-.00046	909.21	.00079	.00051	42.741	.00159	.43238
#2	-.00159	-.00080	892.57	.00066	.00059	42.771	.00169	.41590
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 99.322	1.8252	-.03646	-.00280	.01471	.0824	.89599	7.0704
Stddev	.454	.0237	.00079	.00173	.00042	.0002	.00275	1.9164
%RSD	.45742	1.2957	2.1695	61.781	2.8776	.2319	.30741	27.105
#1	99.001	1.8419	-.03590	-.00403	.01501	.0826	.89794	8.4255
#2	99.643	1.8084	-.03702	-.00158	.01441	.0823	.89404	5.7152

Sample Name: J5789-03 Acquired: 11/5/2018 18:50:02 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.2342
Stddev	.2983
%RSD	4.7849

#1	6.4451
#2	6.0233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3556.1	58855.	4062.8	100.31	3619.0
Stddev	15.6	5093.	3.1	1.14	13.3
%RSD	.43860	8.6536	.07640	1.1369	.36696

#1	3567.1	55254.	4065.0	101.12	3628.3
#2	3545.1	62457.	4060.7	99.503	3609.6

Sample Name: J5789-04 Acquired: 11/5/2018 18:54:10 Type: Unk
Method: P4-ICP2(v2549) 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	.00483	.00045	.00181	.00168	-.00379	.01950	.02301	-.00005
Stddev	.00008	.00012	.00015	.00091	.00102	.02212	.00003	.00011
%RSD	1.6425	26.095	8.2514	53.963	26.979	113.47	.12148	203.44

#1	.00488	.00037	.00170	.00232	-.00307	.00385	.02303	-.00013
#2	.00477	.00053	.00191	.00104	-.00452	.03514	.02299	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	80.287	-.00145	-.00027	.00089	-.01646	.00600	170.22
Stddev	.00004	.037	.00029	.00007	.00037	.00818	.00000	.11
%RSD	19.411	.04654	20.034	25.787	41.810	49.659	.05447	.06211

#1	-.00016	80.260	-.00166	-.00022	.00115	-.01068	.00599	170.30
#2	-.00021	80.313	-.00125	-.00032	.00063	-.02225	.00600	170.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	-.00036	1217.6	.00117	.00075	60.599	.00197	.60582
Stddev	.00008	.00034	2.5	.00006	.00010	.038	.00021	.02710
%RSD	3.9685	94.181	.20630	5.4153	13.167	.06317	10.764	4.4737

#1	-.00205	-.00060	1219.4	.00122	.00082	60.572	.00182	.58666
#2	-.00217	-.00012	1215.8	.00113	.00068	60.626	.00212	.62499

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 137.58	1.7918	-.05090	-.00406	.02484	.0941	1.2126	6.9510
Stddev	1.22	.0102	.00029	.00024	.00066	.0006	.0003	.0574
%RSD	.88577	.56781	.56127	5.8760	2.6615	.6906	.02313	.82619

#1	138.44	1.7990	-.05110	-.00422	.02437	.0946	1.2124	6.9104
#2	136.72	1.7847	-.05070	-.00389	.02530	.0937	1.2128	6.9916

Sample Name: J5789-04 Acquired: 11/5/2018 18:54:10 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.8683
Stddev 1.2759
%RSD 16.216

#1 8.7705
#2 6.9661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.6	59056.	3935.0	97.635	3506.7
Stddev	15.9	184.	16.2	.544	25.5
%RSD	.45700	.31129	.41251	.55708	.72819

#1	3478.4	59185.	3923.6	97.250	3488.6
#2	3500.9	58926.	3946.5	98.019	3524.7

Sample Name: J5789-05 Acquired: 11/5/2018 18:58:19 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00153	.00218	.00384	-.00227	.02147	.02147	.00008
Stddev	.00132	.00102	.00007	.00171	.00068	.01895	.00023	.00006
%RSD	89.714	66.774	3.2695	44.495	29.962	88.251	1.0827	74.967
#1	.00241	-.00081	.00213	.00505	-.00179	.03487	.02131	.00004
#2	.00054	-.00225	.00223	.00263	-.00275	.00807	.02164	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	68.505	-.00059	-.00005	.00124	-.01963	.00479	135.35
Stddev	.00007	.308	.00054	.00019	.00007	.01122	.00000	1.36
%RSD	93.960	.44977	92.385	415.08	5.7225	57.176	.09615	1.0043
#1	-.00013	68.287	-.00097	-.00018	.00129	-.02756	.00478	134.39
#2	-.00003	68.723	-.00020	.00009	.00119	-.01169	.00479	136.31
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	-.00065	984.50	.00073	.00057	48.053	.00155	.47657
Stddev	.00107	.00042	4.82	.00050	.00002	.515	.00024	.00243
%RSD	47.323	64.565	.48992	67.790	2.7705	1.0712	15.246	.51031
#1	-.00302	-.00094	987.91	.00038	.00058	47.689	.00139	.47485
#2	-.00151	-.00035	981.09	.00109	.00056	48.417	.00172	.47829
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 111.83	1.7797	-.04127	-.00354	.01817	.0883	.98278	5.6609
Stddev	.68	.0062	.00051	.00091	.00178	.0019	.00566	.0394
%RSD	.60684	.35086	1.2250	25.607	9.7958	2.168	.57597	.69666
#1	111.35	1.7753	-.04091	-.00418	.01691	.0870	.97877	5.6887
#2	112.31	1.7841	-.04163	-.00290	.01943	.0897	.98678	5.6330

Sample Name: J5789-05 Acquired: 11/5/2018 18:58:19 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.5198
Stddev	.6312
%RSD	8.3933

#1	7.0735
#2	7.9661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.5	62206.	4062.7	99.163	3575.8
Stddev	4.2	184.	25.9	.001	19.6
%RSD	.11976	.29629	.63733	.00106	.54880

#1	3544.5	62337.	4081.0	99.164	3589.7
#2	3538.5	62076.	4044.4	99.162	3562.0

Sample Name: CCV08 Acquired: 11/5/2018 19:02:28 Type: Unk
Method: P4-ICP2(v2549) 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	5.0091	4.9971	4.7813	5.0355	5.0403	10.214	10.095	.24900
Stddev	.0149	.0128	.0003	.0005	.0071	.079	.053	.00060
%RSD	.29811	.25530	.00686	.01073	.14122	.77428	.52308	.24189
#1	5.0196	5.0061	4.7815	5.0351	5.0453	10.270	10.058	.24857
#2	4.9985	4.9881	4.7810	5.0358	5.0352	10.158	10.132	.24943
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3972	25.579	1.0354	2.3871	1.2409	5.0525	2.5053	23.180
Stddev	.0023	.023	.0060	.0029	.0033	.0602	.0008	.089
%RSD	.09675	.09115	.58430	.12105	.26406	1.1921	.03110	.38244
#1	2.3956	25.563	1.0311	2.3850	1.2433	5.0099	2.5058	23.118
#2	2.3989	25.596	1.0397	2.3891	1.2386	5.0951	2.5047	23.243
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3880	1.2292	F 22.341	2.4783	F 2.8000	25.509	5.0072	4.7913
Stddev	.0001	.0012	.142	.0041	.0512	.022	.0084	.0191
%RSD	.00247	.09768	.63738	.16458	1.8300	.08455	.16856	.39882
#1	2.3879	1.2301	22.240	2.4811	2.7638	25.525	5.0132	4.8049
#2	2.3880	1.2284	22.442	2.4754	2.8362	25.494	5.0013	4.7778
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1251	4.9674	4.8518	4.8495	5.1607	5.093	5.2587	4.7517
Stddev	.0683	.0242	.0118	.0042	.0151	.002	.0008	.0887
%RSD	1.3337	.48775	.24254	.08687	.29177	.0431	.01509	1.8678
#1	5.1734	4.9503	4.8602	4.8525	5.1500	5.091	5.2592	4.6889
#2	5.0768	4.9845	4.8435	4.8465	5.1713	5.095	5.2581	4.8145

Sample Name: CCV08 Acquired: 11/5/2018 19:02:28 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9279
Stddev .5602
%RSD 29.056

#1 1.5318
#2 2.3239

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.0	66392.	4052.5	95.936	3986.3
Stddev	14.3	38.	9.6	1.473	7.6
%RSD	.38097	.05665	.23786	1.5354	.19102

#1	3732.0	66419.	4059.3	96.978	3980.9
#2	3752.1	66365.	4045.7	94.895	3991.6

Sample Name: CCB08 Acquired: 11/5/2018 19:06:15 Type: Unk
Method: P4-ICP2(v2549) 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	-.00072	.00010	-.00026	.00241	-.00153	-.00704	-.00030
Stddev	.00120	.00213	.00049	.00345	.00055	.00371	.00002
%RSD	166.87	2103.3	191.54	143.32	36.173	52.710	8.1696

#1	-.00157	.00161	.00009	.00484	-.00192	-.00966	-.00028
#2	.00013	-.00141	-.00060	-.00003	-.00114	-.00441	-.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00002	.02485	-.00024	.00005	-.00001	.00241
Stddev	.00004	.00001	.00035	.00002	.00004	.00030	.00907
%RSD	37.468	61.475	1.4134	9.8860	72.735	2305.7	376.17

#1	-.00013	-.00001	.02461	-.00026	.00002	-.00023	.00883
#2	-.00008	-.00003	.02510	-.00023	.00007	.00020	-.00400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02391	.00069	-.00016	F 1.1045	-.00004	.00008
Stddev	.00003	.00827	.00002	.00063	.0235	.00024	.00002
%RSD	75.944	34.596	2.3961	392.94	2.1266	619.86	28.958

#1	.00002	.01806	.00068	.00028	1.1211	-.00021	.00010
#2	.00006	.02975	.00070	-.00060	1.0879	.00013	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19262	.00045	.01125	F .03534	.00442	.00023	-.00106
Stddev	.00374	.00021	.00217	.00652	.00048	.00015	.00004
%RSD	1.9425	45.361	19.299	18.448	10.809	63.674	3.6452

#1	.19526	.00060	.01278	.03995	.00408	.00013	-.00103
#2	.18997	.00031	.00971	.03073	.00476	.00033	-.00109

Sample Name: CCB08 Acquired: 11/5/2018 19:06:15 Type: Unk
 Method: P4-ICP2(v2549) 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	.00339	.0002	-.00001	F 3.0282	F<.00000
Stddev	.00122	.0001	.00001	.2671	.36974
%RSD	36.111	35.19	150.82	8.8218	9.2548

#1	.00252	.0001	-.00002	2.8393	-4.2566
#2	.00425	.0002	.00000	3.2171	-3.7337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.3	69618.	4089.3	100.94	4514.7
Stddev	11.1	177.	30.3	.54	9.2
%RSD	.28432	.25395	.74032	.53706	.20474

#1	3907.5	69743.	4067.9	101.33	4508.1
#2	3923.2	69493.	4110.7	100.56	4521.2

Sample Name: J5789-06 Acquired: 11/5/2018 19:10:20 Type: Unk
Method: P4-ICP2(v2549) 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	.00235	-.00115	.00165	.00299	-.00307	-.00721	.02211	-.00005
Stddev	.00109	.00083	.00048	.00188	.00001	.00491	.00017	.00008
%RSD	46.565	72.263	29.247	62.961	.19672	68.101	.76307	173.11
#1	.00312	-.00173	.00131	.00432	-.00307	-.00374	.02223	.00001
#2	.00158	-.00056	.00199	.00166	-.00306	-.01068	.02199	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	64.077	-.00146	-.00006	.00141	-.01720	.00442	121.17
Stddev	.00015	.320	.00019	.00008	.00018	.00322	.00006	.43
%RSD	107.72	.49933	12.716	138.06	12.959	18.698	1.3349	.35813
#1	-.00003	64.303	-.00133	-.00000	.00128	-.01948	.00446	121.48
#2	-.00025	63.851	-.00160	-.00012	.00154	-.01493	.00438	120.86
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00020	973.71	.00056	.00052	42.267	.00145	.43263
Stddev	.00036	.00001	5.52	.00029	.00001	.088	.00011	.00643
%RSD	18.709	3.4837	.56740	51.948	1.1528	.20849	7.6142	1.4860
#1	-.00220	-.00020	977.62	.00035	.00051	42.330	.00153	.43718
#2	-.00169	-.00019	969.80	.00077	.00052	42.205	.00137	.42809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 99.430	1.8098	-.03767	-.00463	.01776	.0856	.89179	5.2917
Stddev	.038	.0024	.00060	.00083	.00067	.0005	.00217	.3232
%RSD	.03870	.13366	1.5872	17.911	3.7476	.5262	.24329	6.1076
#1	99.402	1.8081	-.03725	-.00522	.01823	.0853	.89333	5.5203
#2	99.457	1.8115	-.03810	-.00405	.01729	.0859	.89026	5.0632

Sample Name: J5789-06 Acquired: 11/5/2018 19:10:20 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.6655
Stddev	1.6140
%RSD	21.055

#1	8.8067
#2	6.5242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.2	62839.	4107.8	98.399	3662.2
Stddev	20.7	397.	19.3	.390	7.2
%RSD	.57095	.63193	.46946	.39649	.19620

#1	3605.6	62558.	4094.1	98.123	3657.1
#2	3634.8	63120.	4121.4	98.675	3667.3

Sample Name: J5789-07 Acquired: 11/5/2018 19:14:27 Type: Unk
Method: P4-ICP2(v2549) 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	.00260	-.00107	.00278	.00196	-.00426	.02365	.02151	-.00004
Stddev	.00050	.00018	.00090	.00425	.00121	.00180	.00051	.00007
%RSD	19.173	17.010	32.430	216.20	28.469	7.6073	2.3780	183.19
#1	.00296	-.00120	.00342	-.00104	-.00340	.02492	.02115	.00001
#2	.00225	-.00094	.00214	.00497	-.00512	.02238	.02187	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	77.687	-.00111	-.00016	.00179	-.01560	.00644	164.27
Stddev	.00005	.402	.00011	.00002	.00092	.01317	.00008	.13
%RSD	18.490	.51697	9.9060	14.484	51.129	84.392	1.2117	.07853
#1	-.00031	77.971	-.00103	-.00014	.00115	-.00629	.00650	164.18
#2	-.00024	77.403	-.00119	-.00017	.00244	-.02491	.00639	164.36
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	-.00014	1213.5	.00081	.00135	58.927	.00182	.58461
Stddev	.00032	.00063	9.6	.00034	.00020	.303	.00021	.00063
%RSD	13.104	464.81	.79268	42.307	15.045	.51418	11.752	.10707
#1	-.00220	-.00059	1220.3	.00105	.00121	59.141	.00167	.58506
#2	-.00265	.00031	1206.7	.00057	.00149	58.713	.00197	.58417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 139.09	1.7189	-.05205	-.00531	.02421	.0998	1.1782	6.4751
Stddev	.37	.0089	.00046	.00052	.00028	.0022	.0094	.0999
%RSD	.26943	.51882	.87805	9.8417	1.1744	2.210	.80114	1.5430
#1	138.83	1.7252	-.05238	-.00568	.02441	.0983	1.1848	6.5458
#2	139.36	1.7126	-.05173	-.00494	.02401	.1014	1.1715	6.4045

Sample Name: J5789-07 Acquired: 11/5/2018 19:14:27 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.6455
Stddev	1.3967
%RSD	16.156

#1	9.6332
#2	7.6579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.0	60477.	4062.3	98.131	3497.7
Stddev	14.6	176.	26.1	.259	13.9
%RSD	.41893	.29108	.64313	.26358	.39636

#1	3507.4	60353.	4043.9	98.314	3507.5
#2	3486.6	60602.	4080.8	97.948	3487.9

Sample Name: J5789-08 Acquired: 11/5/2018 19:18:35 Type: Unk
Method: P4-ICP2(v2549) 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	.00052	-.00100	.00231	.00292	-.00470	.03382	.02153	-.00006
Stddev	.00234	.00019	.00219	.00025	.00028	.01570	.00037	.00010
%RSD	452.19	18.564	94.947	8.5646	5.8596	46.430	1.7162	152.15
#1	-.00114	-.00113	.00076	.00309	-.00450	.04493	.02127	-.00013
#2	.00217	-.00087	.00386	.00274	-.00489	.02272	.02179	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	69.616	-.00108	-.00007	.00176	-.01599	.00475	137.60
Stddev	.00003	.107	.00037	.00008	.00022	.02181	.00002	.71
%RSD	26.778	.15344	33.863	106.80	12.505	136.38	.39476	.51538
#1	-.00015	69.540	-.00134	-.00013	.00191	-.03141	.00477	138.11
#2	-.00010	69.691	-.00083	-.00002	.00160	-.00057	.00474	137.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	-.00139	1036.5	.00080	.00113	49.751	.00147	.49508
Stddev	.00037	.00026	4.0	.00032	.00008	.098	.00040	.00958
%RSD	15.737	18.615	.38667	40.181	7.4992	.19718	27.056	1.9346
#1	-.00259	-.00121	1039.4	.00103	.00107	49.820	.00175	.50185
#2	-.00207	-.00157	1033.7	.00058	.00119	49.681	.00119	.48831
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 115.21	1.7889	-.04366	-.00212	.01874	.0887	1.0106	5.7520
Stddev	.10	.0038	.00010	.00036	.00234	.0014	.0031	.0782
%RSD	.09022	.21183	.22244	17.210	12.511	1.536	.30592	1.3600
#1	115.29	1.7916	-.04372	-.00238	.02040	.0896	1.0127	5.8074
#2	115.14	1.7862	-.04359	-.00186	.01708	.0877	1.0084	5.6967

Sample Name: J5789-08 Acquired: 11/5/2018 19:18:35 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.1857
Stddev	1.4938
%RSD	20.789

#1	8.2420
#2	6.1294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.3	61726.	4062.5	96.653	3580.0
Stddev	5.0	254.	16.9	1.378	2.7
%RSD	.14174	.41171	.41685	1.4260	.07588

#1	3562.8	61906.	4050.6	97.628	3581.9
#2	3555.7	61547.	4074.5	95.678	3578.1

Sample Name: J5789-09 Acquired: 11/5/2018 19:22:43 Type: Unk
Method: P4-ICP2(v2549) 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	.00166	-.00175	.00252	.00022	-.00251	.02371	.02139	-.00002
Stddev	.00164	.00043	.00178	.00118	.00127	.01239	.00005	.00006
%RSD	98.856	24.809	70.742	531.46	50.680	52.281	.22443	394.98
#1	.00050	-.00205	.00378	.00105	-.00341	.03247	.02142	-.00006
#2	.00282	-.00144	.00126	-.00061	-.00161	.01494	.02135	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	57.396	-.00051	-.00016	.00161	-.00212	.00468	99.544
Stddev	.00004	.061	.00025	.00012	.00006	.00731	.00004	.138
%RSD	26.088	.10675	48.784	74.224	3.4577	344.59	.83432	.13850
#1	-.00012	57.440	-.00033	-.00025	.00165	-.00729	.00465	99.446
#2	-.00017	57.353	-.00068	-.00008	.00157	.00305	.00471	99.641
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	-.00040	778.06	.00086	.00048	35.597	.00130	.35361
Stddev	.00020	.00048	12.83	.00008	.00001	.015	.00003	.01153
%RSD	12.132	121.88	1.6483	8.7813	2.6460	.04254	2.6742	3.2617
#1	-.00148	-.00074	787.13	.00080	.00049	35.587	.00127	.34546
#2	-.00176	-.00005	768.99	.00091	.00047	35.608	.00132	.36177
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.504	1.8156	-.03071	-.00305	.01409	.0805	.75816	5.3545
Stddev	.258	.0016	.00052	.00050	.00030	.0013	.00092	.0052
%RSD	.30863	.08949	1.6975	16.393	2.1363	1.559	.12184	.09656
#1	83.322	1.8145	-.03034	-.00270	.01430	.0813	.75881	5.3509
#2	83.686	1.8168	-.03108	-.00341	.01387	.0796	.75751	5.3582

Sample Name: J5789-09 Acquired: 11/5/2018 19:22:43 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.2359
Stddev 1.3073
%RSD 24.968

#1 6.1603
#2 4.3115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.1	63380.	4167.0	100.06	3684.1
Stddev	4.5	239.	1.1	.29	11.5
%RSD	.12338	.37717	.02538	.29412	.31234

#1	3629.3	63549.	4166.2	99.852	3692.2
#2	3623.0	63211.	4167.7	100.27	3676.0

Sample Name: J5789-10 Acquired: 11/5/2018 19:26:52 Type: Unk
Method: P4-ICP2(v2549) 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	-.00007	-.00196	.00235	.00269	-.00238	.03029	.02216	.00001
Stddev	.00265	.00102	.00096	.00084	.00201	.02217	.00074	.00005
%RSD	3706.9	52.019	40.833	31.292	84.549	73.199	3.3396	620.14
#1	-.00195	-.00268	.00167	.00210	-.00096	.01461	.02164	-.00003
#2	.00180	-.00124	.00302	.00329	-.00380	.04596	.02268	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	63.144	-.00071	-.00014	.00067	-.01127	.01114	117.58
Stddev	.00007	.389	.00022	.00003	.00075	.00823	.00010	.09
%RSD	65.649	.61677	30.687	23.427	113.06	73.036	.91043	.07801
#1	-.00017	63.420	-.00087	-.00017	.00013	-.01709	.01121	117.51
#2	-.00006	62.869	-.00056	-.00012	.00120	-.00545	.01107	117.64
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	-.00066	903.68	.00073	.00066	41.941	.00131	.41875
Stddev	.00022	.00034	9.59	.00007	.00001	.087	.00038	.00379
%RSD	13.713	51.936	1.0610	9.8233	1.0348	.20758	28.597	.90613
#1	-.00175	-.00090	910.46	.00078	.00065	41.879	.00105	.41607
#2	-.00144	-.00042	896.90	.00068	.00066	42.002	.00158	.42144
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 98.809	1.7653	-.03732	-.00284	.01771	.0849	.87511	5.5522
Stddev	.696	.0136	.00110	.00045	.00286	.0008	.00322	.3633
%RSD	.70448	.76750	2.9523	15.945	16.162	.8861	.36805	6.5427
#1	99.302	1.7749	-.03809	-.00316	.01973	.0844	.87739	5.2954
#2	98.317	1.7558	-.03654	-.00252	.01569	.0855	.87284	5.8091

Sample Name: J5789-10 Acquired: 11/5/2018 19:26:52 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.6791
Stddev	.2337
%RSD	4.1157

#1	5.5139
#2	5.8444

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3603.5	62351.	4133.4	98.077	3634.7
Stddev	1.8	354.	18.0	1.119	13.5
%RSD	.04999	.56753	.43450	1.1411	.37106

#1	3604.8	62601.	4120.7	97.286	3625.1
#2	3602.2	62101.	4146.1	98.869	3644.2

Sample Name: J5789-11 Acquired: 11/5/2018 19:31:00 Type: Unk
Method: P4-ICP2(v2549) 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	.00164	.00026	.00280	.00039	-.00363	-.00058	.02271	.00003
Stddev	.00103	.00067	.00029	.00273	.00245	.00101	.00049	.00001
%RSD	63.100	256.79	10.260	702.20	67.541	174.98	2.1488	29.597

#1	.00091	.00074	.00300	.00232	-.00189	.00014	.02236	.00002
#2	.00237	-.00021	.00259	-.00154	-.00536	-.00129	.02305	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	62.413	-.00098	-.00008	.00117	.00551	.00913	115.71
Stddev	.00001	.282	.00017	.00016	.00008	.01095	.00009	.37
%RSD	9.8263	.45173	17.278	198.24	6.7959	198.82	.97300	.32383

#1	-.00012	62.213	-.00111	-.00019	.00123	.01325	.00907	115.97
#2	-.00014	62.612	-.00086	.00003	.00112	-.00223	.00920	115.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	-.00104	877.80	.00116	.00082	41.383	.00121	.40736
Stddev	.00100	.00028	23.49	.00053	.00003	.165	.00010	.01144
%RSD	65.016	26.656	2.6762	45.458	3.9612	.39822	8.2140	2.8074

#1	-.00223	-.00123	894.41	.00079	.00079	41.499	.00128	.41545
#2	-.00083	-.00084	861.18	.00154	.00084	41.266	.00114	.39927

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.720	1.7980	-.03629	-.00446	.01496	.0873	.85893	5.4298
Stddev	.621	.0044	.00027	.00217	.00066	.0000	.00174	.1361
%RSD	.64186	.24269	.74376	48.658	4.3989	.0294	.20302	2.5059

#1	97.159	1.7949	-.03648	-.00599	.01542	.0873	.85770	5.3336
#2	96.281	1.8011	-.03609	-.00292	.01449	.0872	.86017	5.5260

Sample Name: J5789-11 Acquired: 11/5/2018 19:31:00 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.6535
Stddev .2907
%RSD 3.7981

#1 7.8590
#2 7.4479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.8	62072.	4111.2	96.965	3636.6
Stddev	7.6	304.	5.9	1.855	10.2
%RSD	.21147	.49000	.14395	1.9135	.28090

#1	3598.2	62287.	4107.0	98.277	3629.4
#2	3587.5	61857.	4115.4	95.653	3643.9

Sample Name: J5808-02 Acquired: 11/5/2018 19:35:08 Type: Unk
Method: P4-ICP2(v2549) 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	.00128	-.00040	.00268	.00599	-.00422	.00940	.02081	-.00006
Stddev	.00113	.00107	.00110	.00130	.00163	.00038	.00034	.00002
%RSD	88.654	269.16	40.954	21.783	38.532	3.9965	1.6298	31.343
#1	.00208	.00036	.00190	.00691	-.00537	.00966	.02105	-.00008
#2	.00048	-.00116	.00345	.00507	-.00307	.00913	.02057	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	61.672	-.00102	-.00001	.00105	-.00691	.00379	114.85
Stddev	.00000	.188	.00021	.00020	.00022	.00752	.00004	.11
%RSD	4.3867	.30472	20.888	1553.0	20.924	108.73	.96124	.09462
#1	-.00008	61.539	-.00117	-.00015	.00089	-.01223	.00376	114.93
#2	-.00009	61.805	-.00087	.00013	.00120	-.00160	.00381	114.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	.00001	870.99	.00105	.00072	41.281	.00126	.40243
Stddev	.00019	.00034	3.64	.00021	.00007	.194	.00026	.00594
%RSD	8.8760	2968.2	.41840	20.267	9.4991	.47034	20.463	1.4760
#1	-.00229	.00025	873.57	.00120	.00067	41.143	.00144	.39822
#2	-.00202	-.00023	868.41	.00090	.00077	41.418	.00107	.40663
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 95.278	1.7616	-.03547	-.00302	.01417	.0739	.85788	5.5869
Stddev	.248	.0166	.00006	.00071	.00054	.0006	.00235	.0013
%RSD	.26011	.93985	.16998	23.480	3.7809	.7843	.27384	.02279
#1	95.103	1.7499	-.03551	-.00352	.01455	.0735	.85622	5.5860
#2	95.454	1.7733	-.03543	-.00252	.01379	.0744	.85955	5.5878

Sample Name: J5808-02 Acquired: 11/5/2018 19:35:08 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.9498
Stddev	2.1752
%RSD	31.298

#1	5.4117
#2	8.4879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.8	62128.	4081.8	96.176	3634.5
Stddev	5.1	19.	4.2	.265	9.1
%RSD	.14272	.02981	.10285	.27510	.24978

#1	3602.4	62141.	4078.8	95.989	3640.9
#2	3595.1	62114.	4084.7	96.363	3628.0

Sample Name: J5808-03 Acquired: 11/5/2018 19:39:15 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00223	.00128	.00366	-.00293	.02573	.02123	-.00011
Stddev	.00177	.00042	.00164	.00003	.00102	.00294	.00004	.00004
%RSD	123.89	18.845	128.09	.93933	34.709	11.434	.21037	34.392

#1	.00018	-.00193	.00244	.00368	-.00365	.02781	.02126	-.00008
#2	.00267	-.00252	.00012	.00363	-.00221	.02365	.02120	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	61.379	-.00137	-.00018	.00115	-.01253	.00403	114.15
Stddev	.00008	.948	.00005	.00023	.00013	.00214	.00003	.03
%RSD	75.170	1.5441	3.9258	124.56	11.705	17.114	.85004	.02445

#1	-.00016	62.049	-.00141	-.00002	.00106	-.01405	.00406	114.13
#2	-.00005	60.709	-.00134	-.00034	.00125	-.01101	.00401	114.17

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	-.00052	875.57	.00079	.00144	41.058	.00142	.40513
Stddev	.00028	.00051	12.31	.00004	.00005	.437	.00034	.00104
%RSD	17.800	97.835	1.4055	4.9683	3.3626	1.0644	23.992	.25793

#1	-.00136	-.00016	884.27	.00076	.00141	41.367	.00167	.40439
#2	-.00175	-.00088	866.87	.00082	.00148	40.749	.00118	.40587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.932	1.7712	-.03540	-.00293	.01493	.0750	.85247	5.2497
Stddev	.021	.0262	.00067	.00140	.00013	.0020	.00831	.0025
%RSD	.02235	1.4762	1.8873	47.801	.86484	2.716	.97507	.04735

#1	94.947	1.7897	-.03587	-.00392	.01484	.0764	.85835	5.2515
#2	94.917	1.7527	-.03493	-.00194	.01502	.0736	.84660	5.2479

Sample Name: J5808-03 Acquired: 11/5/2018 19:39:15 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0840
Stddev	.6942
%RSD	11.411

#1	5.5931
#2	6.5749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.8	62379.	4072.4	95.304	3642.8
Stddev	4.8	9.	57.0	2.827	6.1
%RSD	.13398	.01476	1.4003	2.9666	.16651

#1	3609.4	62372.	4032.1	93.304	3638.5
#2	3616.2	62385.	4112.7	97.303	3647.1

Sample Name: J5808-04 Acquired: 11/5/2018 19:43:24 Type: Unk
Method: P4-ICP2(v2549) 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	.00239	-.00154	.00252	.00315	-.00325	.02415	.02039	-.00002
Stddev	.00108	.00040	.00178	.00233	.00001	.01029	.00024	.00008
%RSD	45.367	25.835	70.495	74.205	.27010	42.589	1.1967	361.32

#1	.00162	-.00126	.00126	.00480	-.00326	.01688	.02056	-.00008
#2	.00315	-.00182	.00377	.00150	-.00324	.03142	.02021	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	72.093	-.00073	-.00015	.00113	-.01366	.00448	148.05
Stddev	.00001	.623	.00062	.00008	.00012	.00424	.00005	1.22
%RSD	3.8625	.86360	83.915	51.042	10.393	30.998	1.1130	.82558

#1	-.00024	72.533	-.00030	-.00010	.00121	-.01067	.00451	148.91
#2	-.00022	71.653	-.00117	-.00021	.00105	-.01666	.00444	147.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00043	1083.1	.00078	.00070	53.725	.00144	.52335
Stddev	.00005	.00010	17.4	.00006	.00007	.282	.00000	.00988
%RSD	2.9096	23.016	1.6070	7.1052	9.4038	.52560	.29695	1.8887

#1	-.00179	-.00036	1095.4	.00074	.00075	53.924	.00143	.53034
#2	-.00187	-.00050	1070.8	.00082	.00066	53.525	.00144	.51636

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 126.12	1.6746	-.04638	-.00319	.02145	.0835	1.0793	5.9203
Stddev	.66	.0105	.00082	.00010	.00013	.0005	.0097	.2107
%RSD	.52319	.62789	1.7730	3.1582	.61834	.5479	.89806	3.5594

#1	125.65	1.6820	-.04696	-.00312	.02154	.0838	1.0862	6.0693
#2	126.58	1.6672	-.04580	-.00327	.02135	.0831	1.0725	5.7713

Sample Name: J5808-04 Acquired: 11/5/2018 19:43:24 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.0238
Stddev	.8835
%RSD	11.011

#1	7.3991
#2	8.6486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.1	61388.	4080.7	95.463	3529.3
Stddev	3.1	524.	22.3	.953	19.5
%RSD	.08737	.85428	.54598	.99802	.55240

#1	3525.3	61017.	4064.9	96.137	3543.1
#2	3521.0	61758.	4096.5	94.789	3515.5

Sample Name: J5808-05 Acquired: 11/5/2018 19:47:33 Type: Unk
Method: P4-ICP2(v2549) 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	.00140	-.00131	.00343	.00381	-.00409	.02895	.02196	-.00001
Stddev	.00295	.00311	.00062	.00044	.00196	.02210	.00154	.00002
%RSD	211.19	237.69	18.118	11.598	48.017	76.335	7.0305	268.63
#1	-.00069	-.00350	.00299	.00412	-.00548	.04458	.02087	.00001
#2	.00348	.00089	.00387	.00350	-.00270	.01333	.02305	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	71.723	-.00123	-.00023	.00059	-.01348	.00439	145.36
Stddev	.00000	.142	.00009	.00013	.00017	.00123	.00003	.40
%RSD	2.0014	.19769	7.4305	58.716	28.798	9.0895	.59407	.27777
#1	-.00021	71.623	-.00117	-.00013	.00047	-.01435	.00441	145.07
#2	-.00021	71.824	-.00130	-.00032	.00071	-.01262	.00438	145.64
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	-.00058	1069.9	.00081	.00053	52.632	.00157	.52372
Stddev	.00004	.00044	5.0	.00055	.00015	.354	.00035	.00115
%RSD	1.6240	75.831	.46474	68.564	28.837	.67268	22.015	.21865
#1	-.00244	-.00089	1066.4	.00120	.00042	52.382	.00181	.52291
#2	-.00239	-.00027	1073.4	.00041	.00064	52.883	.00132	.52453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.27	1.7509	-.04505	-.00259	.02153	.0836	1.0598	6.2775
Stddev	.63	.0074	.00015	.00024	.00133	.0020	.0031	.0931
%RSD	.51469	.42273	.33539	9.2661	6.1707	2.376	.29041	1.4833
#1	121.83	1.7457	-.04494	-.00276	.02059	.0822	1.0576	6.3433
#2	122.72	1.7561	-.04515	-.00242	.02247	.0850	1.0620	6.2117

Sample Name: J5808-05 Acquired: 11/5/2018 19:47:33 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.7286
Stddev	.5565
%RSD	7.2006

#1	8.1221
#2	7.3351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.2	59732.	3957.5	92.183	3485.0
Stddev	5.4	278.	35.4	.676	21.3
%RSD	.15468	.46488	.89488	.73335	.60999

#1	3475.4	59535.	3982.6	92.661	3500.0
#2	3483.0	59928.	3932.5	91.705	3470.0

Sample Name: CCV09 Acquired: 11/5/2018 19:51:42 Type: Unk
Method: P4-ICP2(v2549) 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	4.9718	5.0361	4.7664	5.0072	5.0223	10.231	10.071	.24989
Stddev	.0075	.0064	.0067	.0078	.0053	.050	.082	.00021
%RSD	.15000	.12673	.14020	.15555	.10473	.48553	.81390	.08314

#1	4.9770	5.0316	4.7617	5.0127	5.0260	10.266	10.013	.25004
#2	4.9665	5.0406	4.7711	5.0017	5.0185	10.196	10.129	.24974

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3958	25.311	1.0384	2.3826	1.2270	5.0151	2.5148	22.960
Stddev	.0006	.124	.0020	.0002	.0015	.1067	.0014	.145
%RSD	.02646	.49103	.19283	.00661	.12083	2.1277	.05589	.63323

#1	2.3954	25.223	1.0398	2.3827	1.2281	5.0906	2.5158	22.857
#2	2.3963	25.399	1.0370	2.3825	1.2260	4.9396	2.5138	23.063

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3803	1.2380	F 22.267	2.4916	F 2.8087	25.371	4.9743	4.7017
Stddev	.0005	.0008	.441	.0032	.0380	.233	.0117	.0108
%RSD	.02171	.06069	1.9796	.12936	1.3545	.91694	.23537	.23058

#1	2.3806	1.2374	21.956	2.4938	2.8356	25.207	4.9826	4.6941
#2	2.3799	1.2385	22.579	2.4893	2.7818	25.536	4.9660	4.7094

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1410	4.9568	4.8367	4.8394	5.1639	5.122	5.2063	4.5484
Stddev	.0462	.0466	.0010	.0131	.0481	.004	.0578	.1177
%RSD	.89786	.94044	.02149	.27097	.93186	.0752	1.1094	2.5888

#1	5.1736	4.9238	4.8359	4.8301	5.1299	5.125	5.1654	4.6317
#2	5.1083	4.9898	4.8374	4.8486	5.1980	5.120	5.2471	4.4652

Sample Name: CCV09 Acquired: 11/5/2018 19:51:42 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8725
Stddev 1.3127
%RSD 70.107

#1 2.8007
#2 .94423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3755.3	65903.	4043.8	94.698	3979.9
Stddev	13.0	144.	35.5	1.435	8.1
%RSD	.34567	.21889	.87790	1.5154	.20237

#1	3746.2	65801.	4068.9	93.683	3974.2
#2	3764.5	66005.	4018.7	95.713	3985.6

Sample Name: CCB09 Acquired: 11/5/2018 19:55:28 Type: Unk
Method: P4-ICP2(v2549) 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	-.00012	-.00066	-.00060	.00091	-.00181	-.02120	-.00083
Stddev	.00065	.00008	.00081	.00057	.00093	.00367	.00001
%RSD	534.52	12.302	135.64	62.405	51.158	17.304	1.7873

#1	-.00058	-.00072	-.00002	.00132	-.00116	-.02379	-.00084
#2	.00034	-.00060	-.00117	.00051	-.00247	-.01860	-.00082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00005	-.00506	-.00059	.00009	-.00018	.00763
Stddev	.00000	.00002	.00042	.00011	.00000	.00001	.00783
%RSD	4.3694	37.993	8.2453	19.164	1.7824	6.6492	102.55

#1	-.00005	-.00004	-.00477	-.00067	.00009	-.00018	.00210
#2	-.00005	-.00007	-.00536	-.00051	.00009	-.00019	.01317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02677	.00066	-.00003	F 1.2685	-.00005	.00002
Stddev	.00002	.00749	.00004	.00078	.0251	.00027	.00004
%RSD	199.59	27.980	5.3807	2237.7	1.9829	577.08	290.69

#1	.00003	.02148	.00069	-.00058	1.2863	-.00024	-.00002
#2	-.00000	.03207	.00064	.00051	1.2507	.00015	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25692	.00038	.00429	F .04493	.00367	-.00001	-.00080
Stddev	.00805	.00010	.00145	.00613	.00096	.00025	.00076
%RSD	3.1333	25.682	33.823	13.637	26.059	3258.0	94.651

#1	.25123	.00045	.00327	.04926	.00299	.00017	-.00026
#2	.26262	.00031	.00532	.04059	.00435	-.00018	-.00133

Sample Name: CCB09 Acquired: 11/5/2018 19:55:28 Type: Unk
 Method: P4-ICP2(v2549) 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	.00297	.0009	-.00004	F 2.7080	F<.00000
Stddev	.00070	.0012	.00002	.1307	1.3030
%RSD	23.432	133.1	35.498	4.8270	38.651

#1	.00248	.0001	-.00005	2.6156	-4.2926
#2	.00346	.0017	-.00003	2.8005	-2.4499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3928.9	69308.	4096.9	100.52	4513.1
Stddev	5.0	81.	30.2	1.39	3.2
%RSD	.12788	.11746	.73714	1.3835	.07116

#1	3925.3	69365.	4118.3	101.50	4510.8
#2	3932.4	69250.	4075.6	99.533	4515.4

Sample Name: J5808-06 Acquired: 11/5/2018 19:59:34 Type: Unk
Method: P4-ICP2(v2549) 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	.00267	-.00064	.00273	.00385	-.00425	.01846	.02023	-.00003
Stddev	.00150	.00046	.00009	.00275	.00011	.01649	.00161	.00008
%RSD	56.114	71.413	3.4251	71.270	2.5619	89.292	7.9597	241.33
#1	.00373	-.00032	.00267	.00580	-.00417	.03012	.01909	-.00009
#2	.00161	-.00096	.00280	.00191	-.00433	.00681	.02137	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	56.924	-.00049	-.00003	.00132	-.01078	.00318	99.639
Stddev	.00004	.131	.00014	.00032	.00018	.00861	.00004	.244
%RSD	30.483	.23099	29.437	955.64	13.309	79.890	1.3834	.24529
#1	-.00012	57.017	-.00039	.00019	.00119	-.01687	.00315	99.812
#2	-.00018	56.831	-.00059	-.00026	.00144	-.00469	.00321	99.467
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00043	818.08	.00098	.00048	35.312	.00117	.35868
Stddev	.00015	.00007	2.76	.00028	.00010	.297	.00023	.00793
%RSD	8.7512	16.419	.33776	28.902	21.736	.84067	19.470	2.2113
#1	-.00186	-.00038	820.04	.00078	.00040	35.102	.00101	.35307
#2	-.00164	-.00048	816.13	.00118	.00055	35.522	.00133	.36429
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 82.226	1.7961	-.03043	-.00195	.01168	.0738	.75359	4.9501
Stddev	.016	.0127	.00122	.00304	.00402	.0004	.00586	.4027
%RSD	.01938	.70802	4.0044	155.89	34.439	.4905	.77813	8.1350
#1	82.238	1.7872	-.03129	.00020	.00883	.0736	.74945	4.6653
#2	82.215	1.8051	-.02957	-.00410	.01452	.0741	.75774	5.2348

Sample Name: J5808-06 Acquired: 11/5/2018 19:59:34 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.5576
Stddev	.2296
%RSD	3.5006

#1	6.7200
#2	6.3953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.5	63190.	4122.4	97.565	3722.1
Stddev	9.1	176.	31.7	.728	.6
%RSD	.24943	.27843	.76847	.74647	.01717

#1	3661.1	63314.	4144.8	98.080	3721.6
#2	3674.0	63065.	4100.0	97.050	3722.5

Sample Name: J5808-07 Acquired: 11/5/2018 20:03:42 Type: Unk
Method: P4-ICP2(v2549) 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	.00062	-.00062	.00250	.00659	-.00316	.01855	.02091	.00001
Stddev	.00166	.00091	.00017	.00149	.00091	.00172	.00059	.00007
%RSD	268.77	146.14	6.7213	22.574	28.961	9.2614	2.8382	790.15
#1	-.00056	.00002	.00262	.00554	-.00380	.01733	.02133	-.00004
#2	.00179	-.00126	.00238	.00764	-.00251	.01976	.02049	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	66.205	-.00054	-.00010	.00134	-.01861	.00423	129.98
Stddev	.00005	.156	.00018	.00014	.00003	.00306	.00006	.23
%RSD	24.029	.23547	33.199	140.93	2.2205	16.454	1.3365	.17883
#1	-.00018	66.316	-.00042	-.00000	.00136	-.01645	.00427	130.15
#2	-.00025	66.095	-.00067	-.00020	.00132	-.02078	.00419	129.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	-.00019	1025.9	.00075	.00070	46.919	.00159	.47641
Stddev	.00008	.00044	7.7	.00014	.00007	.229	.00025	.00118
%RSD	3.1774	227.73	.74580	18.119	10.027	.48899	15.992	.24735
#1	-.00242	-.00051	1031.4	.00085	.00075	47.082	.00141	.47558
#2	-.00231	.00012	1020.5	.00065	.00065	46.757	.00177	.47725
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 109.01	1.7331	-.04082	-.00352	.01637	.0797	.95458	5.6277
Stddev	.61	.0042	.00006	.00123	.00112	.0008	.00061	.0166
%RSD	.55525	.24049	.14752	34.912	6.8184	1.022	.06370	.29507
#1	108.58	1.7302	-.04087	-.00438	.01559	.0803	.95415	5.6394
#2	109.43	1.7361	-.04078	-.00265	.01716	.0791	.95501	5.6160

Sample Name: J5808-07 Acquired: 11/5/2018 20:03:42 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.5378
 Stddev .3030
 %RSD 4.0204

#1 7.7521
 #2 7.3235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.3	61814.	4040.0	94.240	3580.8
Stddev	13.4	25.	15.4	1.634	14.4
%RSD	.37737	.04102	.38012	1.7334	.40335

#1	3570.8	61832.	4029.1	93.085	3591.0
#2	3551.8	61796.	4050.9	95.395	3570.6

Sample Name: J5808-08 Acquired: 11/5/2018 20:07:50 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00192	.00255	.00562	-.00372	.02285	.02096	.00004
Stddev	.00101	.00032	.00040	.00068	.00198	.00261	.00059	.00001
%RSD	59.718	16.665	15.716	12.181	53.075	11.433	2.8378	24.791
#1	.00240	-.00215	.00283	.00610	-.00512	.02100	.02054	.00005
#2	.00097	-.00169	.00226	.00513	-.00233	.02469	.02139	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	65.066	-.00054	-.00025	.00130	-.00528	.00395	126.15
Stddev	.00004	.305	.00009	.00013	.00023	.00277	.00002	.25
%RSD	21.471	.46868	16.632	51.587	17.625	52.523	.55295	.19884
#1	-.00021	64.850	-.00048	-.00016	.00147	-.00332	.00397	125.98
#2	-.00015	65.282	-.00060	-.00034	.00114	-.00725	.00393	126.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	-.00049	977.74	.00073	.00161	45.461	.00111	.45384
Stddev	.00016	.00014	11.84	.00055	.00008	.198	.00017	.00436
%RSD	8.4169	27.846	1.2110	74.971	4.8393	.43523	15.035	.95966
#1	-.00202	-.00059	986.12	.00034	.00156	45.321	.00099	.45076
#2	-.00179	-.00040	969.37	.00111	.00167	45.601	.00122	.45692
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.81	1.7437	-.03894	-.00151	.01928	.0781	.92997	5.8095
Stddev	1.26	.0050	.00018	.00011	.00096	.0042	.00453	.0991
%RSD	1.1875	.28787	.47492	7.5563	4.9888	5.440	.48763	1.7059
#1	106.69	1.7401	-.03907	-.00143	.01860	.0811	.92676	5.8796
#2	104.92	1.7472	-.03881	-.00159	.01996	.0751	.93317	5.7394

Sample Name: J5808-08 Acquired: 11/5/2018 20:07:50 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.4789
Stddev	.3582
%RSD	5.5291

#1	6.2256
#2	6.7322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.0	61533.	4054.1	94.008	3585.3
Stddev	31.7	55.	30.8	.635	40.0
%RSD	.89325	.08868	.75927	.67534	1.1145

#1	3531.5	61572.	4075.9	94.457	3557.1
#2	3576.4	61494.	4032.4	93.559	3613.6

Sample Name: J5808-09 Acquired: 11/5/2018 20:11:58 Type: Unk
Method: P4-ICP2(v2549) 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	.00226	-.00093	.00192	.00382	-.00313	.01847	.02114	.00003
Stddev	.00092	.00052	.00014	.00466	.00027	.00205	.00025	.00005
%RSD	40.931	55.517	7.2940	122.03	8.4991	11.106	1.1890	184.12

#1	.00291	-.00056	.00182	.00052	-.00332	.01992	.02096	-.00001
#2	.00160	-.00129	.00202	.00711	-.00295	.01702	.02131	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	56.984	-.00088	.00013	.00118	-.01425	.00340	98.893
Stddev	.00011	.287	.00017	.00005	.00009	.00356	.00007	.402
%RSD	72.909	.50402	19.058	34.197	7.3971	24.989	2.0020	.40608

#1	-.00022	57.187	-.00076	.00010	.00124	-.01173	.00335	98.609
#2	-.00007	56.781	-.00100	.00017	.00111	-.01677	.00345	99.177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00034	791.51	.00070	.00059	35.439	.00105	.35284
Stddev	.00001	.00006	15.24	.00017	.00002	.146	.00009	.00255
%RSD	.43622	18.783	1.9252	24.193	2.7706	.41229	8.3364	.72319

#1	-.00178	-.00039	802.28	.00058	.00060	35.543	.00111	.35464
#2	-.00177	-.00030	780.73	.00082	.00058	35.336	.00099	.35103

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 82.098	1.8049	-.02951	-.00265	.01327	.0745	.75170	5.5451
Stddev	.301	.0102	.00032	.00051	.00219	.0009	.00641	.3103
%RSD	.36705	.56411	1.0840	19.087	16.486	1.160	.85293	5.5963

#1	81.885	1.8121	-.02974	-.00229	.01482	.0739	.75623	5.3257
#2	82.311	1.7977	-.02928	-.00301	.01173	.0751	.74717	5.7645

Sample Name: J5808-09 Acquired: 11/5/2018 20:11:58 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8911
Stddev	.4039
%RSD	6.8566

#1	5.6055
#2	6.1768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3623.1	62000.	4082.6	95.216	3672.8
Stddev	8.3	370.	35.6	3.472	14.2
%RSD	.22921	.59635	.87318	3.6462	.38604

#1	3628.9	62261.	4057.4	92.761	3682.9
#2	3617.2	61738.	4107.8	97.671	3662.8

Sample Name: J5808-10 Acquired: 11/5/2018 20:16:07 Type: Unk
Method: P4-ICP2(v2549) 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	.00260	-.00125	.00223	.00331	-.00446	.00849	.02132	-.00004
Stddev	.00081	.00074	.00024	.00081	.00051	.01984	.00020	.00003
%RSD	31.026	58.867	10.636	24.444	11.533	233.58	.94587	83.432

#1	.00203	-.00177	.00240	.00388	-.00483	.02252	.02146	-.00006
#2	.00317	-.00073	.00206	.00274	-.00410	-.00553	.02117	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	61.168	-.00078	-.00010	.00125	-.00611	.00528	110.81
Stddev	.00001	.463	.00031	.00013	.00060	.00155	.00006	.12
%RSD	6.0938	.75645	39.549	125.15	47.553	25.440	1.1528	.10811

#1	-.00023	61.495	-.00056	-.00019	.00083	-.00721	.00524	110.89
#2	-.00025	60.841	-.00099	-.00001	.00168	-.00501	.00533	110.72

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00101	871.48	.00105	.00058	39.995	.00135	.40521
Stddev	.00038	.00037	11.41	.00040	.00018	.176	.00023	.00617
%RSD	19.574	36.349	1.3093	38.650	30.731	.43985	17.367	1.5234

#1	-.00166	-.00127	879.55	.00076	.00045	40.120	.00118	.40084
#2	-.00219	-.00075	863.42	.00133	.00070	39.871	.00151	.40957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.541	1.8021	-.03452	-.00241	.01335	.0765	.83304	5.6715
Stddev	.540	.0005	.00014	.00014	.00029	.0007	.00592	.1103
%RSD	.58959	.02921	.41499	5.9346	2.1739	.9546	.71078	1.9446

#1	91.160	1.8017	-.03462	-.00251	.01314	.0770	.83723	5.5935
#2	91.923	1.8024	-.03442	-.00231	.01355	.0760	.82886	5.7495

Sample Name: J5808-10 Acquired: 11/5/2018 20:16:07 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4724
Stddev .0984
%RSD 1.3167

#1 7.5420
#2 7.4029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.6	61682.	3996.7	94.569	3630.9
Stddev	10.8	11.	7.1	2.228	14.8
%RSD	.30140	.01780	.17881	2.3563	.40753

#1	3606.3	61675.	3991.6	92.993	3641.4
#2	3590.9	61690.	4001.7	96.145	3620.4

Sample Name: J5808-11 Acquired: 11/5/2018 20:20:15 Type: Unk
Method: P4-ICP2(v2549) 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	.00308	-.00136	.00209	.00196	-.00326	-.00010	.02044	-.00003
Stddev	.00009	.00037	.00123	.00055	.00049	.00328	.00102	.00004
%RSD	2.7770	27.520	58.960	27.956	14.908	3305.9	4.9721	126.22
#1	.00314	-.00162	.00296	.00157	-.00292	-.00242	.02115	-.00000
#2	.00302	-.00109	.00122	.00235	-.00360	.00222	.01972	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	59.946	-.00087	-.00022	.00145	-.01123	.00523	109.14
Stddev	.00007	.236	.00011	.00050	.00030	.00483	.00008	.21
%RSD	42.237	.39363	12.511	221.60	20.939	43.013	1.5380	.19275
#1	-.00011	59.779	-.00094	.00013	.00166	-.00781	.00529	109.29
#2	-.00020	60.113	-.00079	-.00057	.00124	-.01465	.00518	108.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00054	849.99	.00119	.00049	39.330	.00120	.37445
Stddev	.00026	.00048	2.59	.00023	.00001	.037	.00021	.00039
%RSD	15.788	88.311	.30422	19.503	1.3536	.09497	17.526	.10420
#1	-.00147	-.00020	851.82	.00102	.00048	39.357	.00105	.37473
#2	-.00183	-.00088	848.16	.00135	.00049	39.304	.00135	.37417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 90.942	1.7519	-.03377	-.00342	.01336	.0743	.82092	5.3506
Stddev	.118	.0084	.00059	.00064	.00172	.0014	.00098	.3443
%RSD	.13022	.47983	1.7355	18.608	12.873	1.884	.11982	6.4344
#1	91.026	1.7460	-.03335	-.00297	.01214	.0753	.82023	5.5940
#2	90.859	1.7578	-.03418	-.00388	.01458	.0733	.82162	5.1071

Sample Name: J5808-11 Acquired: 11/5/2018 20:20:15 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.4800
Stddev	.4881
%RSD	7.5320

#1	6.8251
#2	6.1348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3628.2	62167.	4090.1	96.135	3662.6
Stddev	3.3	326.	7.2	1.341	7.6
%RSD	.08992	.52500	.17503	1.3951	.20622

#1	3625.9	61936.	4095.1	97.084	3668.0
#2	3630.5	62398.	4085.0	95.187	3657.3

Sample Name: J5808-12 Acquired: 11/5/2018 20:24:23 Type: Unk
Method: P4-ICP2(v2549) 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	.00197	-.00115	.00179	.00663	-.00347	.01087	.02082	-.00003
Stddev	.00084	.00004	.00003	.00456	.00169	.00366	.00013	.00001
%RSD	42.726	3.3210	1.7625	68.802	48.780	33.653	.62914	44.150

#1	.00137	-.00117	.00177	.00340	-.00227	.00828	.02091	-.00004
#2	.00256	-.00112	.00181	.00985	-.00466	.01345	.02073	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	59.506	-.00083	-.00003	.00145	-.01545	.00535	106.65
Stddev	.00008	.405	.00015	.00018	.00052	.00239	.00002	.20
%RSD	45.007	.68110	18.390	586.96	35.734	15.446	.29652	.18486

#1	-.00012	59.220	-.00094	.00010	.00182	-.01714	.00536	106.51
#2	-.00023	59.793	-.00073	-.00016	.00109	-.01376	.00534	106.79

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00072	819.36	.00004	.00080	38.595	.00118	.38337
Stddev	.00015	.00027	.41	.00006	.00014	.298	.00025	.00825
%RSD	9.7193	36.816	.05041	141.51	17.690	.77202	20.845	2.1516

#1	-.00161	-.00091	819.65	.00008	.00070	38.385	.00101	.37754
#2	-.00140	-.00053	819.06	-.00000	.00090	38.806	.00136	.38920

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.976	1.7554	-.03328	-.00353	.01580	.0741	.80893	5.4124
Stddev	.089	.0150	.00023	.00160	.00184	.0009	.00527	.3215
%RSD	.09953	.85640	.70483	45.329	11.659	1.174	.65180	5.9399

#1	88.913	1.7447	-.03311	-.00466	.01711	.0735	.80520	5.6397
#2	89.039	1.7660	-.03345	-.00240	.01450	.0748	.81266	5.1850

Sample Name: J5808-12 Acquired: 11/5/2018 20:24:23 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.4257
Stddev	.0187
%RSD	.34380

#1	5.4125
#2	5.4388

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.2	62394.	4101.9	95.383	3671.8
Stddev	3.3	193.	35.5	.018	6.8
%RSD	.09208	.30938	.86612	.01853	.18474

#1	3637.6	62258.	4127.0	95.395	3676.6
#2	3632.8	62531.	4076.8	95.370	3667.0

Sample Name: J5808-13 Acquired: 11/5/2018 20:28:31 Type: Unk
Method: P4-ICP2(v2549) 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	.00267	-.00156	.00198	.00486	-.00394	.03146	.01931	-.00009
Stddev	.00012	.00035	.00024	.00071	.00094	.00693	.00269	.00002
%RSD	4.5137	22.167	12.069	14.674	23.895	22.034	13.909	25.049
#1	.00276	-.00180	.00215	.00536	-.00328	.03636	.01741	-.00011
#2	.00259	-.00131	.00181	.00435	-.00461	.02656	.02121	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	56.094	-.00111	-.00007	.00119	-.01626	.00537	100.79
Stddev	.00003	4.405	.00018	.00016	.00040	.00041	.00005	9.14
%RSD	35.097	7.8523	16.204	236.86	33.978	2.5117	1.0011	9.0653
#1	-.00006	52.980	-.00098	.00004	.00147	-.01655	.00541	94.325
#2	-.00009	59.209	-.00124	-.00018	.00090	-.01597	.00533	107.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	.00008	787.75	.00096	.00048	36.686	.00098	.36484
Stddev	.00055	.00008	69.23	.00042	.00011	2.802	.00005	.03029
%RSD	30.955	99.564	8.7877	43.818	23.883	7.6375	4.6712	8.3016
#1	-.00140	.00014	738.80	.00125	.00040	34.704	.00101	.34343
#2	-.00218	.00002	836.70	.00066	.00056	38.667	.00094	.38626
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.635	1.6855	-.03293	-.00340	.01294	.0755	.76498	5.2702
Stddev	.614	.1385	.00072	.00061	.00159	.0017	.06396	.2886
%RSD	.69240	8.2162	2.1973	17.903	12.269	2.203	8.3608	5.4769
#1	89.069	1.5876	-.03344	-.00297	.01182	.0767	.71976	5.4743
#2	88.201	1.7834	-.03242	-.00383	.01407	.0743	.81021	5.0661

Sample Name: J5808-13 Acquired: 11/5/2018 20:28:31 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.0218
Stddev	1.2874
%RSD	18.334

#1	7.9322
#2	6.1115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3628.5	61951.	4312.4	101.73	3674.2
Stddev	10.6	35.	343.7	5.81	17.0
%RSD	.29165	.05608	7.9689	5.7087	.46151

#1	3621.0	61926.	4555.4	105.84	3662.2
#2	3636.0	61975.	4069.4	97.628	3686.2

Sample Name: J5810-02 Acquired: 11/5/2018 20:32:40 Type: Unk
Method: P4-ICP2(v2549) 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	.00313	-.00262	.00291	.00204	-.00384	.01339	.02021	-.00005
Stddev	.00040	.00142	.00036	.00185	.00013	.00399	.00063	.00004
%RSD	12.652	54.388	12.470	90.674	3.3368	29.814	3.1017	84.150

#1	.00341	-.00363	.00265	.00335	-.00375	.01621	.02066	-.00008
#2	.00285	-.00161	.00316	.00073	-.00393	.01056	.01977	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	87.589	-.00116	-.00013	.00140	-.00380	.00396	196.41
Stddev	.00001	.919	.00010	.00001	.00030	.00046	.00004	3.00
%RSD	3.6455	1.0490	8.4263	9.9878	21.769	11.970	.93431	1.5265

#1	-.00018	86.939	-.00109	-.00014	.00118	-.00348	.00394	194.29
#2	-.00019	88.238	-.00123	-.00012	.00161	-.00413	.00399	198.53

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00250	-.00018	1344.0	.00123	.00080	73.442	.00186	.70541
Stddev	.00008	.00052	34.2	.00053	.00010	1.200	.00016	.00143
%RSD	3.1162	287.16	2.5426	43.043	12.268	1.6338	8.7432	.20246

#1	-.00256	.00019	1319.8	.00086	.00073	72.593	.00175	.70440
#2	-.00245	-.00055	1368.1	.00161	.00087	74.290	.00198	.70642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 171.81	1.6450	-.06439	-.00377	.03040	.0942	1.4099	6.1189
Stddev	1.00	.0382	.00088	.00254	.00221	.0001	.0145	.1653
%RSD	.58412	2.3231	1.3688	67.208	7.2590	.0807	1.0266	2.7012

#1	171.10	1.6180	-.06376	-.00557	.02884	.0941	1.3997	6.2358
#2	172.52	1.6720	-.06501	-.00198	.03196	.0943	1.4201	6.0020

Sample Name: J5810-02 Acquired: 11/5/2018 20:32:40 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.6688
Stddev	1.0749
%RSD	12.399

#1	7.9087
#2	9.4288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.9	59883.	3999.7	93.564	3407.1
Stddev	18.5	7.	62.9	4.115	17.8
%RSD	.53484	.01098	1.5735	4.3986	.52350

#1	3468.0	59879.	4044.2	96.474	3419.7
#2	3441.8	59888.	3955.2	90.654	3394.5

Sample Name: J5810-03 Acquired: 11/5/2018 20:36:48 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00174	k -.00053	k .00307	k .00326	k -.00117	s -.01433	.02068
Stddev	.00015	.00018	.00071	.00098	.00067	.05452	.00042
%RSD	8.8371	33.165	23.174	30.094	57.582	380.43	2.0261

#1	k .00185	k -.00065	k .00358	k .00257	k -.00165	s -.05288	.02039
#2	.00164	-.00041	.00257	.00395	-.00069	.02422	.02098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.00010	k -.00014	69.645	s -.00103	k -.00004	k .00105	k -.02366
Stddev	.00011	.00014	.292	.00005	.00012	.00021	.00508
%RSD	109.30	100.69	.41986	4.4389	332.83	19.899	21.454

#1	s -.00019	k -.00004	69.438	s -.00106	k .00005	k .00120	k -.02007
#2	-.00002	-.00024	69.852	-.00100	-.00012	.00090	-.02724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00296	139.57	k -.00178	s -.00042	1011.8	s .00053	k .00054
Stddev	.00284	.39	.00011	.00017	17.4	.00047	.00008
%RSD	95.806	.28016	6.0187	39.546	1.7195	88.930	15.110

#1	s .00095	139.29	k -.00170	s -.00054	999.53	s .00020	k .00048
#2	.00497	139.84	-.00185	-.00031	1024.1	.00086	.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.217	.00134	k .49552	kF 117.62	k 1.7510	k -.02188	k -.00270
Stddev	.183	.00003	.00273	.46	.0129	.03228	.00029
%RSD	.35701	2.5303	.55190	.39264	.73735	147.54	10.581

#1	51.088	.00132	k .49745	k 117.95	k 1.7419	k .00095	k -.00290
#2	51.347	.00137	.49358	117.29	1.7602	-.04470	-.00250

Sample Name: J5810-03 Acquired: 11/5/2018 20:36:48 Type: Unk
 Method: P4-ICP2(v2549) 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	.01987	k .0830	k 1.0251	6.0945	8.5106
Stddev	.00052	.0017	.0053	.1841	.3009
%RSD	2.6368	2.071	.51522	3.0201	3.5356
#1	.02024	k .0818	k 1.0214	6.2247	8.2979
#2	.01950	.0842	1.0289	5.9644	8.7234
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.9	^ *****	4019.3	95.433	3562.0
Stddev	10.5	-----	29.1	.442	15.9
%RSD	.29665	-----	.72353	.46304	.44620
#1	3544.5	^ -----	4039.9	95.745	3550.8
#2	3559.4	60429.	3998.7	95.120	3573.2

Sample Name: CCV10 Acquired: 11/5/2018 20:40:57 Type: Unk
Method: P4-ICP2(v2549) 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	4.9350	5.0011	4.7362	4.9619	4.9757	10.168	10.073	.25032
Stddev	.0043	.0015	.0052	.0042	.0003	.125	.080	.00092
%RSD	.08713	.02971	.10914	.08506	.00573	1.2296	.78952	.36892
#1	4.9381	5.0022	4.7325	4.9649	4.9759	10.079	10.130	.25097
#2	4.9320	5.0001	4.7398	4.9590	4.9755	10.256	10.017	.24966
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3833	25.454	1.0373	2.3673	1.2194	5.0165	2.5129	22.760
Stddev	.0025	.113	.0003	.0017	.0012	.0921	.0072	.008
%RSD	.10546	.44264	.03092	.07280	.09613	1.8356	.28766	.03616
#1	2.3815	25.374	1.0371	2.3661	1.2203	4.9513	2.5180	22.755
#2	2.3851	25.534	1.0375	2.3685	1.2186	5.0816	2.5078	22.766
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3641	1.2419	22.572	2.4942	F 2.8597	25.554	4.9481	4.7004
Stddev	.0047	.0091	.138	.0148	.0326	.288	.0075	.0377
%RSD	.19853	.72861	.60985	.59235	1.1392	1.1256	.15107	.80322
#1	2.3608	1.2483	22.670	2.5047	2.8367	25.757	4.9534	4.6737
#2	2.3674	1.2355	22.475	2.4838	2.8827	25.350	4.9428	4.7271
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0817	4.9755	4.8064	4.8196	5.1754	5.088	5.2063	F 4.4560
Stddev	.0290	.0295	.0021	.0007	.0246	.002	.0119	.0855
%RSD	.57102	.59374	.04279	.01543	.47634	.0336	.22878	1.9191
#1	5.1022	4.9964	4.8049	4.8191	5.1928	5.087	5.2148	4.3955
#2	5.0612	4.9546	4.8078	4.8202	5.1580	5.090	5.1979	4.5165

Sample Name: CCV10 Acquired: 11/5/2018 20:40:57 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2519
Stddev .0767
%RSD 3.4051

#1 2.3061
#2 2.1977

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.9	65776.	3997.5	92.546	3987.5
Stddev	10.6	157.	32.3	.886	7.1
%RSD	.28126	.23857	.80684	.95745	.17863

#1	3754.4	65665.	3974.7	93.172	3982.5
#2	3769.4	65887.	4020.3	91.919	3992.5

Sample Name: CCB10 Acquired: 11/5/2018 20:44:43 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00017	-.00029	.00434	-.00057	-.00919	-.00047
Stddev	.00265	.00052	.00011	.00262	.00101	.00603	.00075
%RSD	329.67	305.93	36.620	60.381	176.56	65.551	160.73

#1	-.00107	-.00054	-.00036	.00619	-.00128	-.01345	-.00100
#2	.00267	.00020	-.00021	.00248	.00014	-.00493	.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00003	.01363	-.00037	.00006	-.00022	-.00355
Stddev	.00000	.00001	.01530	.00010	.00008	.00003	.00639
%RSD	6.2448	17.906	112.21	25.938	140.72	11.444	180.05

#1	-.00006	-.00003	.00282	-.00030	.00000	-.00020	.00097
#2	-.00007	-.00003	.02445	-.00044	.00011	-.00024	-.00807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.02148	.00040	-.00033	F 1.4074	-.00025	.00004
Stddev	.00001	.00075	.00015	.00005	.0185	.00016	.00008
%RSD	34.121	3.5053	37.528	13.831	1.3125	63.926	179.68

#1	-.00004	.02094	.00030	-.00036	1.4205	-.00014	.00010
#2	-.00003	.02201	.00051	-.00030	1.3944	-.00036	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26429	.00040	.00242	F .04581	.00474	-.00013	-.00043
Stddev	.03986	.00012	.00420	.00390	.00343	.00004	.00042
%RSD	15.084	29.591	173.90	8.5041	72.357	28.122	97.128

#1	.29247	.00048	.00539	.04857	.00231	-.00010	-.00014
#2	.23610	.00032	-.00056	.04306	.00716	-.00015	-.00073

Sample Name: CCB10 Acquired: 11/5/2018 20:44:43 Type: Unk
 Method: P4-ICP2(v2549) 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	.00043	.0007	-.00006	F 2.4834	F<.00000
Stddev	.00195	.0008	.00012	.0309	.14413
%RSD	458.93	118.2	213.32	1.2450	4.9240

#1	-.00096	.0013	-.00015	2.5053	-3.0291
#2	.00181	.0001	.00003	2.4616	-2.8252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.0	69641.	4124.6	99.263	4545.2
Stddev	14.2	525.	10.8	.737	14.8
%RSD	.35785	.75388	.26238	.74204	.32658

#1	3951.0	69270.	4116.9	98.742	4534.7
#2	3971.0	70012.	4132.2	99.783	4555.7

Sample Name: J5810-04 Acquired: 11/5/2018 20:48:49 Type: Unk
Method: P4-ICP2(v2549) 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	.00064	-.00184	.00265	.00087	-.00429	.01626	.01972	-.00006
Stddev	.00056	.00180	.00122	.00222	.00188	.00791	.00083	.00001
%RSD	88.246	97.886	46.090	254.46	43.923	48.678	4.2218	15.566
#1	.00104	-.00057	.00179	-.00070	-.00296	.02185	.02031	-.00005
#2	.00024	-.00312	.00352	.00244	-.00562	.01066	.01913	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	96.863	-.00092	.00010	.00148	-.02884	.00358	228.38
Stddev	.00003	1.374	.00014	.00013	.00003	.00232	.00004	4.83
%RSD	14.735	1.4191	15.357	134.81	2.1758	8.0544	1.0599	2.1149
#1	-.00024	97.835	-.00082	.00019	.00146	-.02720	.00361	231.79
#2	-.00020	95.891	-.00102	.00000	.00150	-.03049	.00355	224.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	.00003	1631.6	.00174	.00102	84.506	.00219	.80436
Stddev	.00024	.00040	85.6	.00056	.00013	1.482	.00047	.01767
%RSD	7.5775	1497.3	5.2480	32.007	12.638	1.7542	21.575	2.1969
#1	-.00299	-.00026	1692.1	.00214	.00111	85.554	.00186	.81685
#2	-.00333	.00031	1571.0	.00135	.00093	83.458	.00253	.79186
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 201.09	1.6269	-.07436	-.00295	.03618	.1003	1.6060	6.7274
Stddev	.36	.0107	.00034	.00243	.00163	.0007	.0307	.2051
%RSD	.18080	.65839	.46374	82.335	4.5048	.7426	1.9082	3.0480
#1	200.83	1.6345	-.07411	-.00466	.03733	.0998	1.6277	6.8724
#2	201.34	1.6194	-.07460	-.00123	.03503	.1009	1.5843	6.5824

Sample Name: J5810-04 Acquired: 11/5/2018 20:48:49 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.7582
Stddev	.9085
%RSD	9.3104

#1	10.401
#2	9.1158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.2	58128.	3939.4	90.194	3334.4
Stddev	9.4	365.	47.3	.722	10.1
%RSD	.27523	.62796	1.2016	.80000	.30146

#1	3415.8	57870.	3905.9	89.683	3341.5
#2	3402.6	58386.	3972.8	90.704	3327.3

Sample Name: J5810-05 Acquired: 11/5/2018 20:52:57 Type: Unk
Method: P4-ICP2(v2549) 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	.00187	-.00127	.00312	.00445	-.00425	.01142	.02066	-.00003
Stddev	.00193	.00121	.00159	.00130	.00039	.00676	.00079	.00006
%RSD	103.03	95.534	50.946	29.277	9.1662	59.169	3.8469	224.86

#1	.00051	-.00212	.00424	.00353	-.00397	.00664	.02122	.00002
#2	.00324	-.00041	.00199	.00538	-.00452	.01620	.02010	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	76.521	-.00101	-.00005	.00120	-.02854	.00452	162.98
Stddev	.00005	.569	.00004	.00005	.00011	.00371	.00001	1.09
%RSD	24.544	.74330	3.6911	91.686	9.2908	13.008	.11964	.66716

#1	-.00018	76.923	-.00098	-.00002	.00128	-.03117	.00451	163.75
#2	-.00026	76.119	-.00103	-.00009	.00112	-.02592	.00452	162.22

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.00030	1229.8	.00079	.00086	59.852	.00172	.57594
Stddev	.00003	.00012	39.0	.00003	.00005	.428	.00017	.00531
%RSD	1.0796	38.927	3.1708	3.9860	5.5611	.71518	10.052	.92188

#1	-.00251	-.00022	1257.4	.00076	.00090	60.155	.00185	.57219
#2	-.00247	-.00038	1202.2	.00081	.00083	59.549	.00160	.57970

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 138.94	1.7122	-.05167	-.00179	.02458	.0883	1.1731	5.9586
Stddev	.32	.0179	.00028	.00041	.00110	.0011	.0087	.0160
%RSD	.23003	1.0442	.53725	22.867	4.4770	1.269	.74117	.26940

#1	139.16	1.7248	-.05147	-.00150	.02380	.0891	1.1793	5.9473
#2	138.71	1.6995	-.05186	-.00208	.02535	.0875	1.1670	5.9700

Sample Name: J5810-05 Acquired: 11/5/2018 20:52:57 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.9050
Stddev	1.1221
%RSD	16.251

#1	6.1115
#2	7.6984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.5	60261.	3977.6	90.744	3493.2
Stddev	3.4	18.	32.0	.938	3.1
%RSD	.09533	.03000	.80531	1.0333	.09008

#1	3513.1	60248.	3954.9	91.407	3491.0
#2	3517.9	60273.	4000.2	90.081	3495.5

Sample Name: J5810-06 Acquired: 11/5/2018 20:57:06 Type: Unk
Method: P4-ICP2(v2549) 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	-.00002	-.00220	.00214	.00547	-.00484	.01579	.02028	-.00003
Stddev	.00114	.00043	.00048	.00112	.00243	.00061	.00034	.00006
%RSD	5013.0	19.522	22.559	20.472	50.208	3.8321	1.6736	226.10

#1	-.00083	-.00250	.00180	.00468	-.00312	.01536	.02004	.00001
#2	.00078	-.00190	.00248	.00626	-.00656	.01622	.02052	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	70.952	-.00076	-.00026	.00101	-.01840	.00446	144.03
Stddev	.00008	.356	.00031	.00012	.00025	.00277	.00003	.02
%RSD	31.318	.50222	40.544	44.992	24.322	15.074	.59681	.01718

#1	-.00020	71.204	-.00098	-.00034	.00119	-.01644	.00444	144.02
#2	-.00032	70.700	-.00054	-.00018	.00084	-.02036	.00448	144.05

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00257	-.00072	1080.0	.00109	.00057	52.945	.00155	.51212
Stddev	.00026	.00006	14.3	.00013	.00006	.183	.00002	.00533
%RSD	10.213	8.5687	1.3217	11.919	9.6422	.34647	1.5575	1.0411

#1	-.00275	-.00077	1090.1	.00119	.00061	53.075	.00153	.51589
#2	-.00238	-.00068	1069.9	.00100	.00053	52.815	.00157	.50835

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.23	1.7502	-.04500	-.00254	.02110	.0848	1.0530	5.7676
Stddev	.45	.0017	.00013	.00058	.00187	.0024	.0053	.2154
%RSD	.36585	.09504	.29773	22.915	8.8735	2.874	.50236	3.7352

#1	122.54	1.7491	-.04509	-.00213	.02242	.0831	1.0567	5.9199
#2	121.91	1.7514	-.04490	-.00295	.01977	.0865	1.0492	5.6152

Sample Name: J5810-06 Acquired: 11/5/2018 20:57:06 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.5356
Stddev	.4498
%RSD	5.2692

#1	8.2176
#2	8.8536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.1	60723.	4000.3	92.795	3541.5
Stddev	4.5	11.	18.7	.084	3.5
%RSD	.12641	.01766	.46663	.09014	.09935

#1	3539.3	60715.	3987.1	92.736	3539.1
#2	3533.0	60730.	4013.5	92.854	3544.0

Sample Name: J5810-07 Acquired: 11/5/2018 21:01:15 Type: Unk
Method: P4-ICP2(v2549) 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	.00360	-.00295	.00336	.00579	-.00398	.01707	.02131	-.00008
Stddev	.00271	.00146	.00134	.00337	.00133	.00552	.00069	.00005
%RSD	75.373	49.424	40.033	58.315	33.392	32.356	3.2570	58.417
#1	.00168	-.00398	.00241	.00340	-.00304	.01316	.02180	-.00012
#2	.00552	-.00192	.00431	.00817	-.00492	.02097	.02082	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	96.565	-.00163	-.00021	.00142	-.01937	.00391	223.88
Stddev	.00004	1.504	.00049	.00025	.00044	.00668	.00007	1.86
%RSD	16.212	1.5574	30.117	115.32	30.976	34.502	1.7883	.83128
#1	-.00025	95.501	-.00128	-.00004	.00174	-.02409	.00386	222.57
#2	-.00020	97.628	-.00198	-.00039	.00111	-.01464	.00396	225.20
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	-.00086	1486.3	.00099	.00204	84.254	.00227	.79661
Stddev	.00006	.00004	30.3	.00091	.00017	1.019	.00034	.01836
%RSD	1.9428	4.0929	2.0416	91.262	8.5901	1.2096	14.819	2.3053
#1	-.00294	-.00089	1507.7	.00035	.00216	83.533	.00251	.78362
#2	-.00286	-.00084	1464.8	.00164	.00191	84.975	.00203	.80959
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 195.52	1.6651	-.07225	-.00321	.03867	.1012	1.5982	7.1760
Stddev	4.15	.0266	.00115	.00072	.00080	.0015	.0244	.0222
%RSD	2.1244	1.5996	1.5860	22.469	2.0742	1.505	1.5245	.30970
#1	198.46	1.6463	-.07306	-.00270	.03810	.1023	1.5810	7.1603
#2	192.58	1.6839	-.07144	-.00372	.03924	.1001	1.6155	7.1917

Sample Name: J5810-07 Acquired: 11/5/2018 21:01:15 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.9444
Stddev	.7981
%RSD	10.046

#1	7.3801
#2	8.5087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.4	56808.	3868.5	88.819	3302.3
Stddev	54.2	123.	42.1	1.563	58.0
%RSD	1.6021	.21717	1.0891	1.7602	1.7563

#1	3344.1	56895.	3898.3	87.714	3261.3
#2	3420.7	56720.	3838.7	89.925	3343.3

Sample Name: J5810-08 Acquired: 11/5/2018 21:05:23 Type: Unk
Method: P4-ICP2(v2549) 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	.00265	-.00228	.00290	.00543	-.00531	.02492	.01951	-.00003
Stddev	.00054	.00183	.00043	.00117	.00152	.00586	.00086	.00014
%RSD	20.446	80.028	14.924	21.488	28.636	23.538	4.4336	422.43

#1	.00304	-.00099	.00260	.00461	-.00423	.02077	.02012	.00007
#2	.00227	-.00357	.00321	.00626	-.00638	.02906	.01890	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	87.433	-.00092	-.00015	.00076	-.02246	.00374	200.31
Stddev	.00006	.250	.00011	.00009	.00036	.00828	.00000	.39
%RSD	31.135	.28621	11.804	58.818	47.388	36.848	.07023	.19333

#1	-.00022	87.610	-.00084	-.00009	.00051	-.02832	.00374	200.04
#2	-.00014	87.256	-.00100	-.00021	.00102	-.01661	.00375	200.59

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	-.00030	1384.7	.00124	.00091	74.512	.00209	.70878
Stddev	.00012	.00037	8.0	.00041	.00004	.289	.00007	.00257
%RSD	4.2292	123.80	.58008	32.609	4.6323	.38803	3.4219	.36223

#1	-.00301	-.00004	1390.4	.00096	.00088	74.716	.00214	.71060
#2	-.00283	-.00055	1379.0	.00153	.00094	74.307	.00204	.70697

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 174.18	1.6507	-.06497	-.00366	.03433	.0930	1.4170	6.1827
Stddev	.12	.0011	.00070	.00005	.00093	.0026	.0052	.0072
%RSD	.06786	.06679	1.0704	1.2740	2.6951	2.782	.36449	.11629

#1	174.27	1.6499	-.06547	-.00363	.03499	.0949	1.4206	6.1776
#2	174.10	1.6515	-.06448	-.00370	.03368	.0912	1.4133	6.1878

Sample Name: J5810-08 Acquired: 11/5/2018 21:05:23 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.8930
 Stddev .7716
 %RSD 7.7995

#1 10.439
 #2 9.3474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.0	58911.	3971.9	91.616	3381.9
Stddev	8.0	199.	9.8	.559	.4
%RSD	.23164	.33761	.24726	.61013	.01244

#1	3444.6	59051.	3964.9	91.220	3382.2
#2	3433.3	58770.	3978.8	92.011	3381.6

Sample Name: J5810-09 Acquired: 11/5/2018 21:09:31 Type: Unk
Method: P4-ICP2(v2549) 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	.00044	-.00152	.00340	.00392	-.00419	.02117	.02105	-.00005
Stddev	.00110	.00049	.00049	.00015	.00188	.00407	.00034	.00002
%RSD	251.33	32.045	14.313	3.8058	44.881	19.221	1.6166	31.947
#1	-.00034	-.00117	.00306	.00403	-.00552	.01829	.02081	-.00004
#2	.00122	-.00186	.00375	.00382	-.00286	.02405	.02130	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	65.155	-.00107	-.00022	.00130	-.00026	.00381	125.78
Stddev	.00007	.679	.00024	.00022	.00003	.00049	.00005	.24
%RSD	39.029	1.0424	22.432	101.28	1.9620	193.28	1.2572	.19419
#1	-.00013	64.675	-.00090	-.00037	.00132	-.00061	.00378	125.61
#2	-.00023	65.635	-.00124	-.00006	.00128	.00009	.00385	125.95
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	-.00042	933.59	.00055	.00097	46.141	.00152	.44640
Stddev	.00019	.00019	17.40	.00004	.00003	.009	.00017	.00689
%RSD	8.1823	46.256	1.8642	6.6135	2.7239	.01856	10.909	1.5438
#1	-.00251	-.00028	945.90	.00052	.00095	46.135	.00140	.45127
#2	-.00224	-.00056	921.28	.00057	.00099	46.147	.00164	.44152
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.36	1.7817	-.03901	-.00191	.01874	.0779	.93287	5.4435
Stddev	.09	.0023	.00137	.00124	.00131	.0003	.00474	.0798
%RSD	.08912	.12895	3.5103	64.798	6.9695	.3873	.50832	1.4662
#1	105.30	1.7801	-.03804	-.00279	.01782	.0781	.92952	5.4999
#2	105.43	1.7834	-.03998	-.00104	.01966	.0777	.93622	5.3871

Sample Name: J5810-09 Acquired: 11/5/2018 21:09:31 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0786
Stddev	.9344
%RSD	15.373

#1	5.4178
#2	6.7393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.6	61418.	3983.4	91.101	3590.1
Stddev	11.4	85.	15.3	.595	1.8
%RSD	.31809	.13904	.38433	.65302	.05107

#1	3583.7	61479.	3994.2	91.522	3591.4
#2	3567.6	61358.	3972.5	90.680	3588.8

Sample Name: J5810-10 Acquired: 11/5/2018 21:13:40 Type: Unk
Method: P4-ICP2(v2549) 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	.00094	-.00106	.00251	.00363	-.00354	.01766	.02155	-.00008
Stddev	.00104	.00002	.00125	.00130	.00121	.00025	.00065	.00006
%RSD	110.63	1.5258	49.785	35.880	34.058	1.3976	3.0303	79.259

#1	.00020	-.00105	.00163	.00271	-.00269	.01783	.02109	-.00012
#2	.00168	-.00107	.00340	.00455	-.00440	.01748	.02201	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	61.359	-.00083	-.00007	.00131	-.02321	.00579	113.10
Stddev	.00003	.609	.00048	.00011	.00052	.00071	.00001	.34
%RSD	21.133	.99251	58.410	157.27	39.537	3.0734	.16104	.30158

#1	-.00010	61.790	-.00117	-.00015	.00168	-.02372	.00579	112.85
#2	-.00014	60.928	-.00049	.00001	.00095	-.02271	.00580	113.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	-.00021	869.04	.00104	.00081	41.404	.00119	.39819
Stddev	.00058	.00005	7.76	.00057	.00001	.040	.00002	.01008
%RSD	36.141	23.035	.89247	54.684	1.8535	.09735	1.2917	2.5319

#1	-.00120	-.00018	874.53	.00064	.00080	41.433	.00118	.40532
#2	-.00203	-.00025	863.56	.00145	.00082	41.376	.00120	.39106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.638	1.7905	-.03452	-.00150	.01551	.0819	.85229	5.5642
Stddev	.196	.0180	.00035	.00048	.00130	.0019	.00766	.0924
%RSD	.20731	1.0025	1.0225	32.152	8.3998	2.364	.89866	1.6597

#1	94.776	1.8032	-.03427	-.00184	.01643	.0805	.85770	5.6295
#2	94.499	1.7778	-.03477	-.00116	.01459	.0832	.84687	5.4989

Sample Name: J5810-10 Acquired: 11/5/2018 21:13:40 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8429
Stddev	1.5098
%RSD	25.840

#1	6.9105
#2	4.7753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.8	61929.	4013.7	91.622	3653.9
Stddev	1.0	186.	24.3	1.001	2.8
%RSD	.02700	.30006	.60475	1.0929	.07798

#1	3622.5	62061.	3996.5	90.914	3651.9
#2	3621.1	61798.	4030.9	92.330	3655.9

Sample Name: J5810-11 Acquired: 11/5/2018 21:17:49 Type: Unk
Method: P4-ICP2(v2549) 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	.00294	-.00148	.00246	.00290	-.00330	.01838	.02053	-.00006
Stddev	.00394	.00073	.00032	.00100	.00070	.00160	.00035	.00000
%RSD	134.01	49.336	12.915	34.588	21.313	8.7237	1.6832	7.6630
#1	.00573	-.00097	.00223	.00361	-.00380	.01724	.02077	-.00005
#2	.00015	-.00200	.00268	.00219	-.00281	.01951	.02028	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	60.991	-.00081	.00003	.00114	-.00805	.00542	111.15
Stddev	.00013	.097	.00038	.00001	.00056	.00385	.00018	.70
%RSD	88.470	.15830	46.789	26.257	49.109	47.851	3.3037	.62542
#1	-.00024	61.059	-.00054	.00002	.00075	-.01078	.00529	111.65
#2	-.00006	60.923	-.00108	.00003	.00154	-.00533	.00555	110.66
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	.00012	869.25	.00131	.00052	40.862	.00111	.40198
Stddev	.00032	.00022	27.21	.00047	.00012	.196	.00004	.00262
%RSD	16.041	179.73	3.1299	36.176	23.108	.47963	3.5952	.65220
#1	-.00223	-.00003	888.49	.00097	.00061	41.001	.00114	.40384
#2	-.00177	.00028	850.01	.00164	.00044	40.724	.00108	.40013
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 92.890	1.7970	-.03373	-.00267	.01595	.0816	.84505	5.0984
Stddev	.266	.0013	.00009	.00097	.00120	.0026	.00128	.2356
%RSD	.28593	.06979	.25944	36.324	7.5278	3.155	.15154	4.6214
#1	93.078	1.7961	-.03367	-.00198	.01510	.0834	.84595	4.9318
#2	92.702	1.7978	-.03379	-.00336	.01680	.0798	.84414	5.2650

Sample Name: J5810-11 Acquired: 11/5/2018 21:17:49 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.4158
Stddev	1.7046
%RSD	26.569

#1	7.6211
#2	5.2105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.3	62433.	4022.4	93.495	3658.8
Stddev	12.3	1039.	19.7	.991	1.2
%RSD	.33802	1.6648	.49051	1.0601	.03305

#1	3617.7	63168.	4008.4	94.196	3657.9
#2	3635.0	61698.	4036.3	92.794	3659.6

Sample Name: J5810-12 Acquired: 11/5/2018 21:21:57 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	.00029	.00175	.00425	-.00346	.01393	.02064	-.00003
Stddev	.00153	.00043	.00138	.00139	.00035	.01927	.00002	.00012
%RSD	62.851	147.22	78.673	32.639	10.182	138.36	.07626	398.81
#1	.00135	-.00001	.00078	.00523	-.00321	.02756	.02063	-.00011
#2	.00352	.00060	.00273	.00327	-.00371	.00030	.02065	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	57.912	-.00029	-.00028	.00123	-.01007	.00454	103.11
Stddev	.00012	.399	.00006	.00008	.00078	.00469	.00008	.20
%RSD	56.518	.68840	20.740	27.912	63.585	46.608	1.8428	.19601
#1	-.00013	58.194	-.00033	-.00034	.00178	-.01339	.00448	103.25
#2	-.00030	57.630	-.00024	-.00023	.00068	-.00675	.00460	102.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00004	811.16	.00091	.00057	37.692	.00118	.36107
Stddev	.00010	.00046	12.60	.00012	.00004	.162	.00009	.00728
%RSD	7.3383	1145.5	1.5538	13.284	6.3229	.43078	7.8078	2.0150
#1	-.00123	-.00037	820.07	.00100	.00059	37.807	.00111	.35593
#2	-.00137	.00029	802.25	.00083	.00054	37.577	.00124	.36621
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.062	1.7878	-.03154	-.00253	.01426	.0759	.78523	5.0330
Stddev	1.638	.0031	.00016	.00430	.00036	.0017	.00641	.0746
%RSD	1.9260	.17529	.51244	169.90	2.5474	2.202	.81634	1.4813
#1	86.220	1.7856	-.03165	-.00557	.01451	.0771	.78976	5.0858
#2	83.904	1.7900	-.03142	.00051	.01400	.0747	.78069	4.9803

Sample Name: J5810-12 Acquired: 11/5/2018 21:21:57 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9197
Stddev .2052
%RSD 4.1709

#1 5.0648
#2 4.7746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3709.3	62588.	4076.5	92.499	3745.9
Stddev	49.0	90.	20.4	1.440	59.7
%RSD	1.3205	.14352	.49924	1.5570	1.5943

#1	3674.7	62525.	4062.1	91.480	3703.6
#2	3743.9	62652.	4090.9	93.517	3788.1

Sample Name: J5810-13 Acquired: 11/5/2018 21:26:06 Type: Unk
Method: P4-ICP2(v2549) 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	.00272	-.00142	.00313	.00598	-.00382	.02853	.02193	-.00008
Stddev	.00035	.00001	.00013	.00488	.00061	.00866	.00020	.00004
%RSD	12.962	.87875	4.2304	81.668	16.047	30.338	.92527	58.284

#1	.00247	-.00142	.00323	.00943	-.00426	.02241	.02207	-.00004
#2	.00297	-.00143	.00304	.00253	-.00339	.03465	.02178	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	60.042	-.00121	-.00008	.00143	-.00564	.00488	106.95
Stddev	.00005	.339	.00015	.00025	.00017	.01671	.00001	.67
%RSD	31.744	.56506	12.281	304.49	11.920	296.12	.11587	.63086

#1	-.00021	60.282	-.00111	.00010	.00155	.00617	.00489	107.42
#2	-.00013	59.803	-.00132	-.00026	.00131	-.01746	.00488	106.47

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00237	-.00034	830.03	.00120	.00088	39.114	.00109	.37734
Stddev	.00044	.00029	17.77	.00018	.00008	.231	.00001	.00347
%RSD	18.736	85.042	2.1411	14.536	9.3841	.59139	.55679	.91930

#1	-.00269	-.00014	842.59	.00108	.00094	39.277	.00109	.37489
#2	-.00206	-.00055	817.46	.00133	.00083	38.950	.00108	.37979

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 89.343	1.8645	-.03359	-.00462	.01729	.0805	.81580	5.7184
Stddev	.627	.0249	.00102	.00149	.00045	.0002	.00342	.0077
%RSD	.70223	1.3377	3.0241	32.111	2.6026	.2911	.41918	.13471

#1	89.787	1.8822	-.03287	-.00357	.01697	.0803	.81822	5.7130
#2	88.900	1.8469	-.03431	-.00567	.01761	.0807	.81338	5.7239

Sample Name: J5810-13 Acquired: 11/5/2018 21:26:06 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8502
Stddev	.4214
%RSD	7.2037

#1	6.1482
#2	5.5522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3556.7	60785.	3931.1	91.463	3588.1
Stddev	14.6	83.	23.2	.824	15.3
%RSD	.41156	.13663	.59131	.90101	.42754

#1	3546.4	60844.	3914.7	90.880	3577.3
#2	3567.1	60727.	3947.6	92.046	3599.0

Sample Name: CCV11 Acquired: 11/5/2018 21:30:15 Type: Unk
Method: P4-ICP2(v2549) 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	4.9370	5.0288	4.7426	4.9485	4.9790	10.076	10.127	.25103
Stddev	.0129	.0024	.0085	.0016	.0015	.081	.027	.00002
%RSD	.26214	.04796	.17865	.03240	.02996	.80484	.26825	.00829
#1	4.9278	5.0271	4.7366	4.9496	4.9779	10.019	10.147	.25105
#2	4.9461	5.0305	4.7486	4.9473	4.9800	10.133	10.108	.25102
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3905	25.399	1.0525	2.3690	1.2209	4.9981	2.5276	22.552
Stddev	.0051	.179	.0002	.0054	.0015	.0342	.0024	.028
%RSD	.21503	.70620	.02244	.22921	.12621	.68430	.09564	.12337
#1	2.3869	25.272	1.0527	2.3651	1.2220	5.0223	2.5259	22.533
#2	2.3941	25.525	1.0524	2.3728	1.2198	4.9740	2.5293	22.572
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3676	1.2432	22.854	2.5013	F 2.9190	25.722	4.9474	4.6616
Stddev	.0041	.0024	.065	.0020	.0255	.177	.0045	.0164
%RSD	.17297	.19158	.28286	.07933	.87342	.68627	.09056	.35070
#1	2.3647	1.2449	22.899	2.4999	2.9370	25.847	4.9443	4.6501
#2	2.3704	1.2415	22.808	2.5027	2.9010	25.597	4.9506	4.6732
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1312	5.0526	4.8216	4.8097	5.2185	5.128	5.2436	4.7170
Stddev	.0209	.0138	.0140	.0172	.0074	.018	.0131	.1224
%RSD	.40640	.27230	.29071	.35847	.14096	.3514	.24968	2.5942
#1	5.1459	5.0429	4.8117	4.8219	5.2237	5.116	5.2343	4.8035
#2	5.1164	5.0623	4.8315	4.7975	5.2133	5.141	5.2528	4.6305

Sample Name: CCV11 Acquired: 11/5/2018 21:30:15 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3167
Stddev	.1087
%RSD	8.2575

#1	1.2398
#2	1.3936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.1	65267.	3938.9	90.675	3990.8
Stddev	7.0	42.	13.3	.992	3.1
%RSD	.18445	.06453	.33842	1.0945	.07769

#1	3764.2	65237.	3929.5	89.974	3988.6
#2	3774.1	65297.	3948.3	91.377	3993.0

Sample Name: CCB11 Acquired: 11/5/2018 21:34:02 Type: Unk
Method: P4-ICP2(v2549) 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	-.00187	.00076	-.00025	.00137	-.00040	-.00870	.00093
Stddev	.00049	.00007	.00007	.00083	.00050	.00080	.00032
%RSD	26.022	9.0235	29.812	60.484	126.90	9.2022	34.039

#1	-.00222	.00080	-.00030	.00195	-.00075	-.00927	.00071
#2	-.00153	.00071	-.00019	.00078	-.00004	-.00814	.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00003	-.00018	-.00027	.00028	.00032	-.00894
Stddev	.00001	.00001	.00852	.00025	.00017	.00015	.00049
%RSD	9.5296	47.473	4793.2	93.640	61.049	48.403	5.4607

#1	-.00011	-.00003	-.00620	-.00009	.00040	.00021	-.00929
#2	-.00012	-.00002	.00584	-.00045	.00016	.00043	-.00860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00599	.00059	-.00043	F 1.6495	.00007	.00006
Stddev	.00005	.00511	.00008	.00016	.0191	.00025	.00009
%RSD	75.151	85.456	13.129	36.753	1.1568	369.59	157.57

#1	-.00011	.00237	.00064	-.00055	1.6629	-.00011	-.00001
#2	-.00003	.00960	.00053	-.00032	1.6360	.00025	.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32486	.00046	.00874	F .05930	.00343	.00044	-.00290
Stddev	.03774	.00028	.00237	.00858	.00045	.00052	.00302
%RSD	11.616	60.243	27.158	14.466	13.235	118.56	104.15

#1	.29818	.00066	.01041	.06537	.00311	.00081	-.00076
#2	.35154	.00026	.00706	.05324	.00375	.00007	-.00504

Sample Name: CCB11 Acquired: 11/5/2018 21:34:02 Type: Unk
Method: P4-ICP2(v2549) 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	.00184	.0014	-.00000	F 3.1032	F<.00000
Stddev	.00168	.0006	.00008	.3715	.90098
%RSD	91.328	45.26	2719.9	11.970	23.745

#1	.00065	.0019	-.00006	3.3658	-3.1573
#2	.00303	.0010	.00005	2.8405	-4.4315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.1	68291.	3988.8	94.250	4502.8
Stddev	2.2	167.	19.2	.212	4.3
%RSD	.05666	.24503	.48130	.22507	.09465

#1	3927.7	68172.	4002.3	94.400	4499.8
#2	3924.6	68409.	3975.2	94.100	4505.8

Sample Name: J5764-02 Acquired: 11/5/2018 21:38:08 Type: Unk
Method: P4-ICP2(v2549) 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	-.00170	-.00433	.07056	.00564	-.00255	.17890	.20587	.00001
Stddev	.00200	.00168	.00008	.00108	.00159	.02458	.00099	.00003
%RSD	117.80	38.721	.11398	19.121	62.301	13.740	.48264	200.00

#1	-.00312	-.00551	.07051	.00640	-.00367	.16152	.20517	-.00001
#2	-.00028	-.00314	.07062	.00488	-.00143	.19628	.20657	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	53.661	.00040	.00682	.00450	.61837	.80122	2.2536
Stddev	.00006	.280	.00007	.00009	.00035	.00319	.00024	.0289
%RSD	5.7953	.52251	17.216	1.3767	7.7336	.51587	.02961	1.2817

#1	.00092	53.462	.00045	.00675	.00475	.62063	.80139	2.2740
#2	.00100	53.859	.00035	.00689	.00426	.61612	.80105	2.2331

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00918	-.00056	325.10	.00034	.24506	3.7319	.00050	.01368
Stddev	.00037	.00029	1.84	.00046	.00180	.0033	.00042	.00291
%RSD	4.0071	50.720	.56474	137.09	.73565	.08816	83.814	21.260

#1	.00892	-.00077	323.80	.00066	.24378	3.7296	.00020	.01162
#2	.00944	-.00036	326.39	.00001	.24633	3.7342	.00080	.01574

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9229	1.6533	.00153	.00068	.00421	.0071	.23789	6.2895
Stddev	.0029	.0027	.00009	.00136	.00067	.0001	.00142	.1069
%RSD	.15141	.16455	5.5436	199.39	15.944	1.794	.59862	1.6990

#1	1.9249	1.6552	.00147	-.00028	.00373	.0070	.23688	6.2139
#2	1.9208	1.6514	.00159	.00165	.00468	.0072	.23889	6.3650

Sample Name: J5764-02 Acquired: 11/5/2018 21:38:08 Type: Unk
 Method: P4-ICP2(v2549) 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 1.7747
 Stddev .1002
 %RSD 5.6435

#1 1.8456
 #2 1.7039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.9	59056.	3700.4	85.775	3559.8
Stddev	.3	64.	25.7	.106	15.1
%RSD	.00802	.10776	.69566	.12366	.42435

#1	3403.7	59011.	3682.2	85.850	3549.1
#2	3404.1	59101.	3718.6	85.700	3570.5

Sample Name: J5764-02DUP Acquired: 11/5/2018 21:42:17 Type: Unk
Method: P4-ICP2(v2549) 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	-.00171	-.00354	.07189	.00926	-.00120	.15168	.20697	.00003
Stddev	.00213	.00043	.00046	.00033	.00032	.00876	.00097	.00000
%RSD	124.80	12.051	.63728	3.5543	26.560	5.7785	.46883	1.7930

#1	-.00321	-.00384	.07222	.00949	-.00098	.14548	.20766	.00003
#2	-.00020	-.00324	.07157	.00902	-.00143	.15787	.20628	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	53.906	.00068	.00697	.00438	.63791	.80342	2.2638
Stddev	.00004	.078	.00023	.00013	.00012	.02929	.00178	.0351
%RSD	4.1874	.14448	32.921	1.8382	2.7313	4.5916	.22098	1.5491

#1	.00092	53.961	.00053	.00688	.00429	.65862	.80216	2.2390
#2	.00098	53.851	.00084	.00706	.00446	.61720	.80468	2.2886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00928	-.00035	327.34	-.00005	.26044	3.7312	.00041	.01717
Stddev	.00012	.00028	.66	.00004	.00291	.0194	.00006	.01323
%RSD	1.2633	80.823	.20035	78.071	1.1163	.51978	15.013	77.063

#1	.00920	-.00015	327.81	-.00002	.26249	3.7449	.00037	.00782
#2	.00937	-.00055	326.88	-.00008	.25838	3.7175	.00046	.02653

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9117	1.6599	.00101	-.00147	.00603	.0071	.23870	6.2813
Stddev	.0013	.0181	.00121	.00359	.00149	.0004	.00089	.1139
%RSD	.06824	1.0881	118.87	243.21	24.760	5.957	.37121	1.8133

#1	1.9108	1.6471	.00187	.00106	.00497	.0074	.23932	6.2008
#2	1.9126	1.6726	.00016	-.00401	.00708	.0068	.23807	6.3619

Sample Name: J5764-02DUP Acquired: 11/5/2018 21:42:17 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2973
Stddev .0727
%RSD 3.1639

#1 2.3487
#2 2.2459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.6	59092.	3682.7	81.083	3568.4
Stddev	.9	151.	5.4	.943	8.3
%RSD	.02703	.25633	.14776	1.1628	.23351

#1	3422.0	59199.	3686.6	80.417	3562.5
#2	3423.3	58984.	3678.9	81.750	3574.3

Sample Name: J5764-02LX5 Acquired: 11/5/2018 21:46:26 Type: Unk
Method: P4-ICP2(v2549) 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	-.00144	-.00043	.01428	-.00003	-.00185	.03090	.04027
Stddev	.00105	.00057	.00035	.00122	.00141	.02383	.00002
%RSD	72.916	134.34	2.4254	3763.1	76.225	77.116	.04591

#1	-.00218	-.00002	.01452	.00083	-.00085	.04775	.04026
#2	-.00070	-.00083	.01403	-.00090	-.00284	.01405	.04029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00018	10.516	-.00017	.00128	.00058	.11221
Stddev	.00002	.00009	.036	.00012	.00012	.00008	.01204
%RSD	33.949	51.529	.34083	70.296	9.6536	13.260	10.734

#1	-.00003	.00025	10.491	-.00025	.00119	.00063	.12072
#2	-.00006	.00012	10.542	-.00009	.00136	.00053	.10369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15880	.46741	.00146	-.00093	65.810	-.00012	.04946
Stddev	.00009	.00058	.00045	.00042	.265	.00020	.00085
%RSD	.05887	.12344	30.915	44.937	.40202	169.13	1.7198

#1	.15873	.46701	.00114	-.00063	65.997	-.00026	.04885
#2	.15886	.46782	.00178	-.00122	65.623	.00002	.05006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81424	.00016	-.00045	.36951	.34095	-.00050	-.00055
Stddev	.01929	.00021	.00198	.00192	.00011	.00005	.00043
%RSD	2.3687	132.53	441.25	.52005	.03091	9.7062	78.955

#1	.80060	.00001	-.00185	.37087	.34103	-.00046	-.00024
#2	.82787	.00030	.00095	.36816	.34088	-.00053	-.00086

Sample Name: J5764-02LX5 Acquired: 11/5/2018 21:46:26 Type: Unk
Method: P4-ICP2(v2549) 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	.00027	.0029	.04609	4.1505	F<.00000
Stddev	.00063	.0004	.00022	.3023	.25469
%RSD	236.10	12.08	.48262	7.2829	12.202

#1	.00071	.0032	.04624	4.3643	-2.2673
#2	-.00018	.0027	.04593	3.9368	-1.9071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3778.1	65268.	3891.6	91.208	4094.9
Stddev	22.3	425.	12.8	1.171	23.0
%RSD	.59140	.65084	.32835	1.2838	.56278

#1	3762.3	64968.	3900.7	92.036	4078.6
#2	3793.9	65569.	3882.6	90.380	4111.1

Sample Name: J5764-02MS Acquired: 11/5/2018 21:50:31 Type: Unk
Method: P4-ICP2(v2549) 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	.87317	2.1472	1.1086	2.2015	.86864	2.4651	.44812	.22426
Stddev	.00297	.0042	.0002	.0095	.00218	.0119	.00224	.00112
%RSD	.33963	.19512	.01727	.43266	.25116	.48234	.49940	.49961

#1	.87527	2.1442	1.1085	2.2083	.86710	2.4567	.44970	.22347
#2	.87107	2.1502	1.1088	2.1948	.87018	2.4735	.44653	.22505

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21591	57.404	.47347	.22271	.32381	4.1396	1.0534	4.3830
Stddev	.00056	.118	.00302	.00024	.00006	.0611	.0029	.0009
%RSD	.25861	.20567	.63718	.10929	.01796	1.4757	.27881	.02066

#1	.21551	57.488	.47133	.22254	.32377	4.0964	1.0514	4.3823
#2	.21630	57.321	.47560	.22288	.32385	4.1828	1.0555	4.3836

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54530	.07832	349.68	.34632	.51355	15.422	.45408	.32605
Stddev	.00018	.00110	1.17	.00089	.01191	.062	.00013	.00243
%RSD	.03307	1.4082	.33592	.25581	2.3199	.40505	.02895	.74548

#1	.54517	.07754	348.85	.34569	.50513	15.466	.45417	.32433
#2	.54542	.07910	350.51	.34694	.52197	15.377	.45399	.32777

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9569	2.7691	.76094	.22084	.24756	7.049	.48157	6.7467
Stddev	.0003	.0217	.00091	.00329	.00102	.011	.00182	.0615
%RSD	.01619	.78363	.11991	1.4898	.41376	.1617	.37822	.91171

#1	1.9567	2.7537	.76158	.22316	.24684	7.057	.48286	6.7032
#2	1.9571	2.7844	.76029	.21851	.24829	7.041	.48028	6.7902

Sample Name: J5764-02MS Acquired: 11/5/2018 21:50:31 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.3245
%RSD 607.62

#1 .71857
#2 -1.1545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.7	57891.	3538.9	80.197	3463.3
Stddev	7.6	3.	.1	1.696	5.3
%RSD	.22729	.00529	.00202	2.1152	.15260

#1	3349.3	57889.	3538.9	81.397	3459.6
#2	3360.1	57893.	3539.0	78.998	3467.1

Sample Name: J5764-02MSD Acquired: 11/5/2018 21:54:28 Type: Unk
Method: P4-ICP2(v2549) 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	.87369	2.1519	1.1056	2.1936	.86594	2.4421	.44912	.22448	.21614
Stddev	.00095	.0055	.0030	.0044	.00482	.0013	.00032	.00036	.00021
%RSD	.10851	.25573	.27186	.19894	.55659	.05480	.07093	.15946	.09778

#1	.87436	2.1480	1.1035	2.1967	.86934	2.4431	.44934	.22473	.21599
#2	.87301	2.1558	1.1077	2.1905	.86253	2.4412	.44889	.22422	.21629

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.327	.47742	.22231	.32252	4.0994	1.0539	4.3099	.54413	.07844
Stddev	.246	.00054	.00033	.00012	.0845	.0010	.0118	.00071	.00078
%RSD	.42973	.11411	.15041	.03632	2.0614	.09955	.27286	.13096	.99233

#1	57.153	.47781	.22207	.32243	4.0396	1.0532	4.3182	.54363	.07789
#2	57.501	.47704	.22255	.32260	4.1592	1.0547	4.3016	.54463	.07899

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	346.27	.34640	.50585	15.382	.45357	.33050	1.9438	2.7422	.76350
Stddev	1.41	.00260	.01249	.017	.00086	.01655	.0023	.0127	.00291
%RSD	.40794	.75092	2.4698	.10764	.19066	5.0070	.11725	.46244	.38148

#1	347.27	.34456	.49702	15.393	.45418	.34220	1.9454	2.7511	.76144
#2	345.27	.34824	.51468	15.370	.45296	.31880	1.9422	2.7332	.76556

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21810	.24770	7.073	.47751	6.7396	.39291
Stddev	.00426	.00139	.002	.00010	.0017	2.5141
%RSD	1.9550	.56089	.0267	.02120	.02457	639.87

#1	.22112	.24671	7.074	.47758	6.7385	2.1707
#2	.21509	.24868	7.072	.47744	6.7408	-1.3848

Sample Name: J5764-02MSD Acquired: 11/5/2018 21:54:28 Type: Unk
Method: P4-ICP2(v2549) 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	3365.4	58278.	3581.4	81.726	3475.0
Stddev	30.0	95.	3.5	1.533	19.7
%RSD	.89248	.16222	.09794	1.8755	.56804
#1	3344.2	58212.	3578.9	82.810	3461.1
#2	3386.7	58345.	3583.9	80.642	3489.0

Sample Name: J5764-02A Acquired: 11/5/2018 21:58:25 Type: Unk
Method: P4-ICP2(v2549) 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	.87472	2.1453	1.1040	2.2056	.86488	2.4456	.45067	.22529	.21579
Stddev	.00017	.0040	.0014	.0146	.00392	.0168	.00052	.00013	.00050
%RSD	.01905	.18897	.13006	.66222	.45303	.68690	.11505	.05794	.23211

#1	.87484	2.1425	1.1030	2.1953	.86210	2.4337	.45030	.22520	.21544
#2	.87460	2.1482	1.1050	2.2159	.86765	2.4575	.45104	.22539	.21615

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.928	.47811	.22198	.32368	4.2677	1.0580	4.4185	.54215	.07933
Stddev	.395	.00005	.00023	.00036	.0978	.0000	.0369	.00124	.00019
%RSD	.68149	.00958	.10176	.10993	2.2907	.00292	.83447	.22807	.23889

#1	57.649	.47815	.22214	.32393	4.3368	1.0580	4.4446	.54127	.07946
#2	58.207	.47808	.22183	.32343	4.1985	1.0580	4.3924	.54302	.07920

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	353.13	.34721	.53214	15.572	.45425	.32910	1.9544	2.7947	.76164
Stddev	2.63	.00035	.00815	.110	.00151	.00811	.0049	.0169	.00008
%RSD	.74590	.10035	1.5322	.70423	.33276	2.4637	.24854	.60352	.01064

#1	354.99	.34746	.53791	15.494	.45318	.33483	1.9509	2.7828	.76158
#2	351.27	.34697	.52638	15.649	.45532	.32337	1.9578	2.8066	.76170

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21914	.24676	7.051	.48372	6.7326	1.1266
Stddev	.00178	.00237	.015	.00158	.1813	.2259
%RSD	.81318	.96023	.2175	.32743	2.6923	20.054

#1	.22040	.24509	7.040	.48260	6.8608	.96687
#2	.21788	.24844	7.062	.48484	6.6045	1.2864

Sample Name: J5764-02A Acquired: 11/5/2018 21:58:25 Type: Unk
Method: P4-ICP2(v2549) 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	3365.1	58031.	3537.8	77.708	3487.0
Stddev	6.7	9.	2.9	1.249	3.9
%RSD	.19969	.01485	.08185	1.6069	.11120
#1	3369.8	58025.	3539.8	76.825	3484.3
#2	3360.3	58037.	3535.7	78.591	3489.8

Sample Name: J5764-04 Acquired: 11/5/2018 22:02:22 Type: Unk
Method: P4-ICP2(v2549) 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	-.00405	-.00248	.02868	.00521	-.00175	.16813	.17880	-.00012
Stddev	.00037	.00182	.00046	.00447	.00190	.02462	.00050	.00003
%RSD	9.1395	73.391	1.6080	85.732	108.62	14.641	.27794	23.825

#1	-.00431	-.00377	.02900	.00205	-.00041	.15072	.17845	-.00014
#2	-.00379	-.00120	.02835	.00837	-.00310	.18554	.17915	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	109.05	-.00025	.00798	.00390	.61235	.92309	4.6639
Stddev	.00006	.33	.00015	.00003	.00048	.01826	.00259	.0105
%RSD	4.4591	.29835	59.178	.35386	12.375	2.9826	.28017	.22534

#1	.00137	109.28	-.00035	.00800	.00356	.59943	.92492	4.6565
#2	.00129	108.82	-.00015	.00796	.00425	.62526	.92126	4.6713

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01091	-.00086	390.01	.00024	.30829	3.5581	.00025	.01885
Stddev	.00032	.00111	3.66	.00077	.00344	.0555	.00005	.00259
%RSD	2.9193	129.13	.93758	325.83	1.1164	1.5589	21.125	13.721

#1	.01069	-.00007	392.60	-.00031	.30585	3.5189	.00029	.02068
#2	.01114	-.00165	387.43	.00078	.31072	3.5973	.00022	.01702

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8768	2.8991	-.00035	-.00315	.00624	.0085	.45674	7.1677
Stddev	.0134	.0283	.00012	.00111	.00041	.0021	.00021	.1406
%RSD	.27502	.97756	33.379	35.072	6.5833	24.17	.04671	1.9620

#1	4.8863	2.9191	-.00043	-.00237	.00653	.0100	.45690	7.2671
#2	4.8673	2.8790	-.00027	-.00393	.00595	.0071	.45659	7.0682

Sample Name: J5764-04 Acquired: 11/5/2018 22:02:22 Type: Unk
 Method: P4-ICP2(v2549) 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 2.7698
 Stddev .7499
 %RSD 27.072

#1 2.2396
 #2 3.3001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.3	57086.	3573.0	81.142	3414.3
Stddev	14.1	259.	29.0	.740	6.1
%RSD	.42691	.45317	.81300	.91137	.17774

#1	3302.3	56903.	3552.5	81.665	3410.0
#2	3322.3	57269.	3593.6	80.619	3418.6

Sample Name: J5764-06 Acquired: 11/5/2018 22:06:30 Type: Unk
Method: P4-ICP2(v2549) 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	-.00379	-.00558	.01430	.00892	-.00239	.10103	.20330	-.00007
Stddev	.00046	.00036	.00090	.00023	.00034	.00274	.00013	.00008
%RSD	12.010	6.4356	6.2677	2.5589	14.204	2.7076	.06234	115.72

#1	-.00411	-.00533	.01494	.00876	-.00215	.09910	.20339	-.00013
#2	-.00347	-.00584	.01367	.00908	-.00263	.10296	.20321	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	188.32	.00009	.00802	.00415	-.03575	1.3686	4.8432
Stddev	.00006	.93	.00028	.00017	.00074	.00897	.0031	.0206
%RSD	8.9075	.49190	319.79	2.0848	17.827	25.102	.22786	.42510

#1	.00064	188.98	-.00011	.00790	.00467	-.02940	1.3708	4.8577
#2	.00073	187.67	.00028	.00814	.00363	-.04209	1.3664	4.8286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01138	-.00053	407.51	.00113	.13727	3.2875	.00151	.02589
Stddev	.00007	.00023	.97	.00059	.00119	.0311	.00016	.01099
%RSD	.64141	44.227	.23799	52.126	.86710	.94707	10.574	42.462

#1	.01133	-.00069	406.82	.00071	.13643	3.2655	.00163	.03366
#2	.01143	-.00036	408.19	.00155	.13812	3.3095	.00140	.01811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1330	5.5778	.00015	-.00297	.01059	.0093	.63370	7.5693
Stddev	.0074	.0035	.00088	.00038	.00023	.0008	.00249	.0323
%RSD	.17999	.06352	580.62	12.671	2.1468	8.438	.39286	.42677

#1	4.1278	5.5753	.00077	-.00324	.01043	.0099	.63546	7.5922
#2	4.1383	5.5803	-.00047	-.00271	.01075	.0088	.63194	7.5465

Sample Name: J5764-06 Acquired: 11/5/2018 22:06:30 Type: Unk
 Method: P4-ICP2(v2549) 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 4.2202
 Stddev .7740
 %RSD 18.340

#1 3.6729
 #2 4.7676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.8	56267.	3536.9	79.711	3348.3
Stddev	6.4	193.	3.7	.676	9.6
%RSD	.19604	.34267	.10599	.84854	.28696

#1	3259.3	56130.	3534.2	80.190	3341.5
#2	3268.4	56403.	3539.5	79.233	3355.1

Sample Name: J5764-08 Acquired: 11/5/2018 22:10:38 Type: Unk
Method: P4-ICP2(v2549) 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	-.00187	-.00551	.03437	.00923	-.00256	.20679	.23564	.00002
Stddev	.00181	.00112	.00068	.00380	.00069	.00939	.00056	.00005
%RSD	96.925	20.284	1.9722	41.221	26.914	4.5401	.23654	304.14

#1	-.00059	-.00630	.03485	.00654	-.00304	.20015	.23603	.00005
#2	-.00315	-.00472	.03389	.01192	-.00207	.21343	.23525	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	112.45	-.00077	.01365	.00878	.57117	1.6693	4.6306
Stddev	.00006	.34	.00008	.00064	.00008	.01707	.0036	.0258
%RSD	4.8575	.30637	10.809	4.7103	.96202	2.9888	.21702	.55724

#1	.00117	112.69	-.00071	.01319	.00884	.58324	1.6718	4.6488
#2	.00110	112.21	-.00083	.01410	.00872	.55910	1.6667	4.6123

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01013	-.00041	423.40	.00045	.28052	3.1624	.00044	.02611
Stddev	.00057	.00033	5.53	.00034	.00106	.0058	.00011	.00501
%RSD	5.6199	79.107	1.3071	76.374	.37779	.18400	24.190	19.180

#1	.00973	-.00064	427.32	.00021	.28127	3.1666	.00036	.02966
#2	.01053	-.00018	419.49	.00069	.27977	3.1583	.00051	.02257

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1230	4.3010	.00110	-.00288	.00547	.0098	.54557	7.5176
Stddev	.0015	.0359	.00132	.00360	.00370	.0009	.00228	.3661
%RSD	.06950	.83351	120.36	124.96	67.594	9.154	.41736	4.8701

#1	2.1241	4.2757	.00016	-.00034	.00808	.0092	.54718	7.7765
#2	2.1220	4.3264	.00203	-.00543	.00286	.0104	.54396	7.2587

Sample Name: J5764-08 Acquired: 11/5/2018 22:10:38 Type: Unk
 Method: P4-ICP2(v2549) 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	3.3723
Stddev	2.4593
%RSD	72.927

#1	1.6333
#2	5.1114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3303.8	56891.	3543.2	81.301	3390.8
Stddev	8.7	256.	2.8	.761	12.5
%RSD	.26399	.45050	.08031	.93569	.36738

#1	3297.6	56709.	3545.2	80.763	3382.0
#2	3309.9	57072.	3541.2	81.839	3399.6

Sample Name: J5764-10 Acquired: 11/5/2018 22:14:47 Type: Unk
Method: P4-ICP2(v2549) 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	-.00114	-.00457	.15286	.00854	.00049	.09623	.21665	-.00007
Stddev	.00133	.00283	.00017	.00002	.00100	.01094	.00035	.00004
%RSD	117.04	61.989	.10857	.22595	202.47	11.370	.16244	51.996

#1	-.00020	-.00257	.15298	.00853	.00120	.08849	.21640	-.00010
#2	-.00208	-.00657	.15274	.00856	-.00021	.10397	.21690	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	160.82	-.00140	.01070	.00931	.25323	1.5349	2.7225
Stddev	.00010	.21	.00052	.00015	.00040	.01546	.0011	.0699
%RSD	2.8412	.12800	36.932	1.4475	4.3276	6.1051	.07168	2.5695

#1	.00353	160.67	-.00177	.01059	.00902	.26416	1.5341	2.7720
#2	.00368	160.96	-.00104	.01081	.00959	.24230	1.5357	2.6730

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01368	-.00026	406.68	.00011	.74018	2.1932	.00046	.07679
Stddev	.00014	.00012	1.55	.00016	.00118	.0616	.00020	.00675
%RSD	1.0399	46.170	.38114	143.03	.15919	2.8089	42.636	8.7929

#1	.01358	-.00034	405.58	-.00000	.73935	2.1496	.00032	.08157
#2	.01378	-.00017	407.78	.00023	.74101	2.2367	.00060	.07202

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0163	4.1068	.00004	-.00378	.00891	.0053	.65073	7.1743
Stddev	.0128	.0196	.00058	.00081	.00075	.0006	.00058	.2132
%RSD	.25442	.47798	1522.1	21.350	8.4193	10.53	.08880	2.9711

#1	5.0253	4.1206	.00045	-.00321	.00838	.0057	.65114	7.3250
#2	5.0073	4.0929	-.00037	-.00435	.00944	.0049	.65033	7.0235

Sample Name: J5764-10 Acquired: 11/5/2018 22:14:47 Type: Unk
 Method: P4-ICP2(v2549) 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 4.0147
 Stddev 1.3384
 %RSD 33.339

#1 4.9611
 #2 3.0682

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3294.4	56967.	3546.9	81.360	3389.4
Stddev	6.6	89.	8.0	.062	13.0
%RSD	.19886	.15650	.22674	.07601	.38303

#1	3289.8	56904.	3541.2	81.316	3380.2
#2	3299.0	57030.	3552.6	81.404	3398.6

Sample Name: CCV12 Acquired: 11/5/2018 22:18:54 Type: Unk
Method: P4-ICP2(v2549) 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	4.9210	5.0586	4.7681	4.9189	4.9581	10.017	10.143	.25228
Stddev	.0018	.0038	.0032	.0055	.0064	.009	.015	.00030
%RSD	.03696	.07563	.06790	.11113	.12986	.08613	.14637	.11920

#1	4.9223	5.0614	4.7658	4.9150	4.9627	10.011	10.154	.25207
#2	4.9197	5.0559	4.7704	4.9227	4.9535	10.023	10.133	.25249

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4092	25.730	1.0582	2.3860	1.2198	5.0765	2.5484	22.830
Stddev	.0027	.016	.0026	.0042	.0001	.0279	.0012	.030
%RSD	.11250	.06264	.24280	.17620	.00527	.54987	.04778	.12997

#1	2.4073	25.719	1.0564	2.3830	1.2198	5.0568	2.5476	22.851
#2	2.4111	25.741	1.0600	2.3890	1.2197	5.0963	2.5493	22.809

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3799	1.2539	24.889	2.5264	F 3.0082	25.494	4.9508	4.6864
Stddev	.0020	.0019	.057	.0023	.0128	.012	.0010	.0294
%RSD	.08354	.15180	.23099	.09017	.42694	.04886	.02033	.62688

#1	2.3785	1.2525	24.849	2.5248	2.9992	25.503	4.9501	4.7071
#2	2.3813	1.2552	24.930	2.5280	3.0173	25.486	4.9515	4.6656

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8655	5.1301	4.8613	4.8241	5.2315	5.139	5.2293	F 4.1012
Stddev	.0172	.0037	.0069	.0268	.0069	.011	.0019	.1114
%RSD	.35398	.07211	.14210	.55592	.13261	.2099	.03722	2.7174

#1	4.8533	5.1275	4.8564	4.8430	5.2364	5.131	5.2279	4.1800
#2	4.8777	5.1327	4.8662	4.8051	5.2266	5.147	5.2307	4.0224

Sample Name: CCV12 Acquired: 11/5/2018 22:18:54 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2145
Stddev	.2415
%RSD	7.5115

#1	3.3852
#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	3823.6	66093.	3916.0	89.067	4024.8
Stddev	3.9	164.	11.4	.257	3.1
%RSD	.10234	.24789	.29118	.28847	.07809

#1	3820.8	65977.	3908.0	89.249	4022.6
#2	3826.4	66208.	3924.1	88.886	4027.0

Sample Name: CCB12 Acquired: 11/5/2018 22:22:41 Type: Unk
Method: P4-ICP2(v2549) 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	-.00139	-.00003	-.00050	-.00147	-.00133	-.00679	.00010
Stddev	.00102	.00053	.00081	.00022	.00058	.00121	.00001
%RSD	73.406	2133.2	160.21	15.068	43.593	17.779	10.397

#1	-.00067	-.00040	.00007	-.00163	-.00174	-.00764	.00011
#2	-.00211	.00035	-.00107	-.00132	-.00092	-.00594	.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00010	.00879	-.00022	.00015	.00040	-.00179
Stddev	.00002	.00006	.00078	.00029	.00010	.00031	.02150
%RSD	16.182	66.540	8.9229	128.81	65.865	78.048	1203.2

#1	-.00011	-.00005	.00823	-.00002	.00021	.00061	-.01699
#2	-.00009	-.00014	.00934	-.00043	.00008	.00018	.01342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00790	.00065	-.00073	.27756	-.00010	.00012
Stddev	.00005	.03406	.00000	.00049	.02225	.00018	.00002
%RSD	92.092	431.40	.59186	66.834	8.0159	177.52	16.564

#1	.00002	.03198	.00066	-.00107	.29329	-.00022	.00014
#2	.00009	-.01619	.00065	-.00038	.26182	.00003	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00749	.00043	-.00093	-.00006	.00322	-.00044	-.00155
Stddev	.00046	.00024	.00726	.00077	.00076	.00025	.00060
%RSD	6.1914	55.111	783.61	1301.4	23.726	57.193	38.706

#1	.00782	.00026	-.00606	.00048	.00268	-.00062	-.00197
#2	.00716	.00059	.00421	-.00060	.00376	-.00026	-.00112

Sample Name: CCB12 Acquired: 11/5/2018 22:22:41 Type: Unk
 Method: P4-ICP2(v2549) 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	.00043	.0016	-.00003	F 2.6711	F<.00000
Stddev	.00082	.0001	.00015	.0176	.33677
%RSD	190.29	3.863	458.01	.65741	10.289

#1	-.00015	.0015	.00007	2.6587	-3.5113
#2	.00101	.0016	-.00014	2.6835	-3.0351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.0	68584.	3972.7	93.100	4519.9
Stddev	21.5	100.	1.0	1.355	16.2
%RSD	.54345	.14630	.02638	1.4557	.35871

#1	3945.8	68513.	3971.9	92.142	4508.5
#2	3976.2	68655.	3973.4	94.058	4531.4

Sample Name: J5764-12 Acquired: 11/5/2018 22:26:47 Type: Unk
Method: P4-ICP2(v2549) 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	-.00367	-.00495	.35583	.00754	.00151	.10111	.15787	-.00018
Stddev	.00052	.00061	.00071	.00037	.00049	.00565	.00029	.00004
%RSD	14.300	12.319	.19830	4.9306	32.397	5.5841	.18229	20.704

#1	-.00330	-.00451	.35533	.00728	.00185	.09712	.15807	-.00015
#2	-.00404	-.00538	.35633	.00781	.00116	.10510	.15766	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00914	216.06	-.00095	.01164	.03608	-.04669	1.3053	4.3433
Stddev	.00011	.23	.00037	.00001	.00016	.00190	.0009	.0267
%RSD	1.2522	.10752	39.107	.09838	.43211	4.0607	.06624	.61358

#1	.00923	215.90	-.00069	.01165	.03597	-.04803	1.3046	4.3621
#2	.00906	216.23	-.00121	.01163	.03619	-.04535	1.3059	4.3244

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22752	-.00052	444.79	.00045	2.5191	2.1102	.00123	.16586
Stddev	.00011	.00027	9.31	.00011	.0100	.0606	.00016	.00264
%RSD	.04758	51.695	2.0924	25.471	.39847	2.8732	12.728	1.5937

#1	.22745	-.00071	451.37	.00037	2.5262	2.0674	.00134	.16773
#2	.22760	-.00033	438.21	.00053	2.5120	2.1531	.00112	.16399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.004	1.2482	-.00356	-.00610	.02112	.0089	.81502	7.2784
Stddev	.042	.0053	.00021	.00019	.00111	.0025	.00051	.1243
%RSD	.27863	.42608	5.9913	3.1404	5.2741	28.16	.06208	1.7072

#1	15.034	1.2520	-.00341	-.00624	.02191	.0071	.81538	7.3662
#2	14.974	1.2444	-.00371	-.00597	.02034	.0107	.81466	7.1905

Sample Name: J5764-12 Acquired: 11/5/2018 22:26:47 Type: Unk
 Method: P4-ICP2(v2549) 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	4.5232
Stddev	.3020
%RSD	6.6778

#1	4.7368
#2	4.3096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.4	56178.	3520.0	78.860	3333.3
Stddev	20.2	126.	25.4	.552	20.4
%RSD	.62189	.22455	.72166	.69959	.61232

#1	3237.1	56089.	3502.0	78.469	3318.8
#2	3265.7	56267.	3538.0	79.250	3347.7

Sample Name: J5764-14 Acquired: 11/5/2018 22:30:53 Type: Unk
Method: P4-ICP2(v2549) 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	-.00163	-.00415	.07144	.00687	-.00078	.14185	.23770	-.00013
Stddev	.00107	.00085	.00055	.00470	.00088	.02036	.00203	.00004
%RSD	65.726	20.544	.76443	68.423	112.40	14.351	.85276	29.710

#1	-.00087	-.00475	.07105	.00355	-.00016	.15625	.23627	-.00016
#2	-.00239	-.00355	.07183	.01020	-.00140	.12746	.23913	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	66.486	.00033	.00863	.01023	.18580	.90739	2.6757
Stddev	.00004	.105	.00025	.00007	.00024	.00023	.00042	.0063
%RSD	2.3402	.15745	75.757	.86299	2.3647	.12620	.04666	.23701

#1	.00170	66.412	.00015	.00858	.01006	.18596	.90709	2.6713
#2	.00165	66.560	.00051	.00869	.01040	.18563	.90769	2.6802

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01403	-.00087	379.03	.00002	.66902	2.6165	.00042	.02130
Stddev	.00010	.00037	4.65	.00012	.01295	.0105	.00029	.00235
%RSD	.73963	42.526	1.2263	627.92	1.9352	.39982	68.815	11.052

#1	.01396	-.00061	382.32	-.00006	.65987	2.6239	.00021	.01964
#2	.01411	-.00113	375.75	.00010	.67818	2.6091	.00062	.02297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5793	2.3835	.00042	-.00156	.00724	.0066	.25532	6.8317
Stddev	.0020	.0093	.00036	.00041	.00031	.0013	.00026	.1208
%RSD	.12591	.39057	86.243	26.601	4.2457	19.67	.10116	1.7678

#1	1.5779	2.3769	.00016	-.00185	.00703	.0057	.25513	6.7464
#2	1.5807	2.3901	.00068	-.00126	.00746	.0075	.25550	6.9171

Sample Name: J5764-14 Acquired: 11/5/2018 22:30:53 Type: Unk
 Method: P4-ICP2(v2549) 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 1.2770
 Stddev .5250
 %RSD 41.107

#1 .90582
 #2 1.6482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.9	57276.	3572.1	78.284	3436.5
Stddev	9.3	47.	5.2	1.094	17.0
%RSD	.28008	.08211	.14631	1.3975	.49356

#1	3312.3	57309.	3575.8	79.058	3424.5
#2	3325.5	57243.	3568.4	77.510	3448.5

Sample Name: J5764-16 Acquired: 11/5/2018 22:35:02 Type: Unk
Method: P4-ICP2(v2549) 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	-.00202	-.00542	.12590	.00662	.00111	.13086	.22344	-.00002
Stddev	.00052	.00007	.00053	.00024	.00085	.00922	.00013	.00001
%RSD	25.899	1.3574	.41851	3.6447	76.140	7.0479	.05734	40.797

#1	-.00239	-.00537	.12552	.00679	.00171	.13738	.22335	-.00002
#2	-.00165	-.00547	.12627	.00645	.00051	.12434	.22353	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	128.34	.00002	.01098	.01131	.12392	1.3441	4.3317
Stddev	.00009	.36	.00013	.00035	.00019	.00365	.0035	.0333
%RSD	5.1853	.28112	530.34	3.2192	1.6723	2.9430	.26183	.76904

#1	.00167	128.09	-.00007	.01073	.01118	.12134	1.3466	4.3552
#2	.00180	128.60	.00012	.01123	.01145	.12650	1.3416	4.3081

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02142	-.00022	446.61	.00130	1.0622	3.9330	.00077	.02066
Stddev	.00043	.00042	.87	.00039	.0274	.0261	.00016	.00128
%RSD	2.0063	191.89	.19587	29.582	2.5844	.66409	21.479	6.2177

#1	.02172	-.00052	445.99	.00103	1.0428	3.9514	.00065	.02157
#2	.02111	.00008	447.23	.00158	1.0816	3.9145	.00088	.01975

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3883	2.9333	.00051	-.00398	.00715	.0121	.50999	7.3128
Stddev	.0243	.0038	.00067	.00047	.00073	.0004	.00150	.3905
%RSD	.55317	.12841	131.38	11.694	10.257	3.580	.29334	5.3397

#1	4.3711	2.9359	.00004	-.00365	.00767	.0118	.51105	7.5889
#2	4.4054	2.9306	.00099	-.00431	.00663	.0124	.50893	7.0367

Sample Name: J5764-16 Acquired: 11/5/2018 22:35:02 Type: Unk
 Method: P4-ICP2(v2549) 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 3.0714
 Stddev .5567
 %RSD 18.124

#1 2.6778
 #2 3.4650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.7	56518.	3539.8	80.009	3358.0
Stddev	7.0	154.	12.4	1.872	4.0
%RSD	.21326	.27256	.34891	2.3400	.11933

#1	3278.7	56409.	3531.1	81.333	3355.1
#2	3268.8	56627.	3548.5	78.685	3360.8

Sample Name: J5764-18 Acquired: 11/5/2018 22:39:10 Type: Unk
 Method: P4-ICP2(v2549) 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	-.00292	-.00464	.04196	.00720	-.00274	.17502	.17634	.00003
Stddev	.00034	.00038	.00148	.00076	.00409	.00504	.00071	.00006
%RSD	11.488	8.0841	3.5371	10.540	149.50	2.8803	.40368	193.74

#1	-.00316	-.00491	.04301	.00774	.00016	.17859	.17685	.00008
#2	-.00268	-.00438	.04091	.00666	-.00563	.17146	.17584	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	69.670	.00048	.00552	.00836	.03676	.83131	3.9721
Stddev	.00004	.210	.00015	.00002	.00039	.00494	.00015	.0412
%RSD	5.2888	.30073	31.749	.36376	4.6543	13.433	.01818	1.0383

#1	.00084	69.818	.00059	.00554	.00808	.04026	.83142	3.9429
#2	.00078	69.521	.00037	.00551	.00863	.03327	.83121	4.0013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	-.00026	405.47	.00019	.22118	2.7380	.00050	.01368
Stddev	.00008	.00030	3.81	.00001	.00449	.0202	.00021	.00548
%RSD	1.4028	116.28	.94000	5.4265	2.0278	.73938	42.597	40.084

#1	.00559	-.00047	408.17	.00018	.22436	2.7523	.00065	.00980
#2	.00570	-.00005	402.78	.00020	.21801	2.7237	.00035	.01756

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6088	2.7593	.00059	-.00109	.00678	.0084	.42036	6.8577
Stddev	.0030	.0102	.00087	.00406	.00269	.0016	.00032	.1605
%RSD	.18853	.36873	147.97	372.59	39.727	19.07	.07665	2.3407

#1	1.6066	2.7521	-.00003	.00178	.00487	.0073	.42014	6.9712
#2	1.6109	2.7665	.00120	-.00396	.00868	.0096	.42059	6.7442

Sample Name: J5764-18 Acquired: 11/5/2018 22:39:10 Type: Unk
 Method: P4-ICP2(v2549) 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 2.6579
 Stddev 1.1144
 %RSD 41.927

#1 1.8699
 #2 3.4459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.5	57278.	3535.0	79.283	3451.0
Stddev	.8	69.	12.6	1.588	8.0
%RSD	.02490	.12060	.35761	2.0027	.23096

#1	3347.9	57230.	3526.1	78.160	3445.4
#2	3349.1	57327.	3543.9	80.406	3456.7

Sample Name: J5764-20 Acquired: 11/5/2018 22:43:20 Type: Unk
Method: P4-ICP2(v2549) 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	-.00246	-.00571	.05946	.00781	-.00111	.09474	.16755	-.00019
Stddev	.00436	.00050	.00091	.00130	.00053	.00523	.00021	.00003
%RSD	177.28	8.8038	1.5260	16.611	47.375	5.5228	.12701	14.366

#1	.00062	-.00607	.06010	.00689	-.00074	.09844	.16770	-.00017
#2	-.00554	-.00535	.05882	.00873	-.00148	.09104	.16740	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	159.60	.00051	.00869	.00501	.02901	1.1088	3.1028
Stddev	.00003	.71	.00008	.00013	.00005	.00518	.0014	.0319
%RSD	2.8176	.44484	16.455	1.5189	1.0441	17.864	.12780	1.0290

#1	.00119	159.10	.00057	.00878	.00497	.02534	1.1078	3.1253
#2	.00124	160.10	.00045	.00860	.00505	.03267	1.1098	3.0802

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01944	-.00070	407.21	.00218	.35666	3.3471	.00075	.01861
Stddev	.00021	.00004	.96	.00019	.00099	.0016	.00021	.00336
%RSD	1.0741	5.8587	.23677	8.6307	.27881	.04702	27.743	18.048

#1	.01959	-.00067	407.89	.00231	.35736	3.3482	.00060	.01623
#2	.01930	-.00073	406.53	.00204	.35595	3.3460	.00090	.02098

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0665	2.6538	-.00178	-.00416	.00954	.0085	.66487	7.1256
Stddev	.0074	.0048	.00049	.00077	.00107	.0035	.00177	.1546
%RSD	.12208	.18136	27.313	18.482	11.174	40.86	.26693	2.1701

#1	6.0717	2.6572	-.00212	-.00470	.01029	.0060	.66362	7.2350
#2	6.0612	2.6504	-.00144	-.00361	.00878	.0110	.66613	7.0163

Sample Name: J5764-20 Acquired: 11/5/2018 22:43:20 Type: Unk
 Method: P4-ICP2(v2549) 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 2.9320
 Stddev 1.4280
 %RSD 48.703

#1 1.9222
 #2 3.9417

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.3	56680.	3575.2	79.138	3382.4
Stddev	20.0	44.	10.6	.698	17.8
%RSD	.60654	.07766	.29692	.88254	.52738

#1	3278.2	56711.	3567.7	78.644	3369.8
#2	3306.5	56648.	3582.7	79.631	3395.0

Sample Name: J5805-01 Acquired: 11/5/2018 22:47:28 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00540	.02006	.00606	-.00048	.23559	.19621	-.00003
Stddev	.00064	.00112	.00071	.00412	.00062	.01561	.00061	.00010
%RSD	57.587	20.712	3.5564	67.986	127.27	6.6247	.30853	375.85

#1	-.00066	-.00619	.01955	.00897	-.00092	.22456	.19578	.00005
#2	-.00157	-.00461	.02056	.00315	-.00005	.24663	.19664	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	141.76	-.00010	.00319	.00339	.02752	.71487	4.4963
Stddev	.00003	1.60	.00033	.00021	.00064	.00795	.00148	.0042
%RSD	8.5078	1.1308	339.03	6.7061	18.798	28.880	.20642	.09222

#1	.00038	140.62	-.00033	.00304	.00294	.03314	.71382	4.4992
#2	.00034	142.89	.00014	.00334	.00384	.02190	.71591	4.4934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02024	-.00020	394.80	.00066	.11192	2.0417	.00121	.02478
Stddev	.00045	.00054	.28	.00007	.00324	.0172	.00001	.00839
%RSD	2.2192	270.96	.07091	10.424	2.8927	.84366	1.1229	33.849

#1	.01992	.00018	394.61	.00061	.10963	2.0295	.00120	.01885
#2	.02056	-.00058	395.00	.00071	.11421	2.0538	.00122	.03071

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7511	3.3452	-.00017	-.00262	.00966	.0073	.42897	6.9545
Stddev	.0108	.0203	.00044	.00060	.00345	.0006	.00204	.1176
%RSD	.28907	.60612	262.01	23.083	35.703	8.495	.47621	1.6907

#1	3.7587	3.3308	.00014	-.00219	.00722	.0078	.42753	6.8714
#2	3.7434	3.3595	-.00048	-.00305	.01210	.0069	.43042	7.0377

Sample Name: J5805-01 Acquired: 11/5/2018 22:47:28 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7857
Stddev .7359
%RSD 26.417

#1 2.2654
#2 3.3061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.7	56991.	3594.9	79.912	3405.1
Stddev	22.2	26.	15.9	1.840	26.2
%RSD	.66785	.04588	.44283	2.3024	.76987

#1	3309.0	57010.	3606.2	81.213	3386.5
#2	3340.4	56973.	3583.7	78.611	3423.6

Sample Name: J5805-02 Acquired: 11/5/2018 22:51:35 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES 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	-.00451	.01712	.01033	-.00123	.13462	.21157	.00001
Stddev	.00219	.00162	.00057	.00337	.00016	.01359	.00021	.00002
%RSD	406.41	35.960	3.3056	32.638	13.328	10.098	.10151	200.22

#1	.00101	-.00566	.01672	.00795	-.00134	.12501	.21172	.00002
#2	-.00209	-.00336	.01752	.01272	-.00111	.14423	.21141	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	146.22	-.00022	.00292	.00460	.03458	.72461	5.0183
Stddev	.00001	1.48	.00001	.00006	.00068	.00408	.00065	.0288
%RSD	8.2990	1.0091	6.3027	2.0557	14.738	11.811	.09035	.57377

#1	.00010	147.26	-.00021	.00288	.00412	.03747	.72414	5.0386
#2	.00009	145.18	-.00023	.00296	.00508	.03169	.72507	4.9979

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02580	-.00046	417.35	.00118	.09274	2.2128	.00127	.02398
Stddev	.00000	.00093	5.94	.00018	.00269	.0523	.00004	.01088
%RSD	.00604	202.87	1.4221	15.637	2.9027	2.3623	3.4439	45.343

#1	.02580	.00020	421.55	.00105	.09084	2.1759	.00130	.03167
#2	.02580	-.00111	413.15	.00131	.09464	2.2498	.00124	.01629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5006	3.8655	-.00062	-.00084	.01062	.0080	.47015	6.9775
Stddev	.0031	.0365	.00076	.00143	.00229	.0016	.00420	.0109
%RSD	.08700	.94313	122.11	170.09	21.570	19.60	.89356	.15583

#1	3.5027	3.8913	-.00115	.00017	.00900	.0091	.47312	6.9852
#2	3.4984	3.8397	-.00008	-.00185	.01223	.0069	.46718	6.9698

Sample Name: J5805-02 Acquired: 11/5/2018 22:51:35 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3247
 Stddev .1554
 %RSD 4.6755

#1 3.4346
 #2 3.2148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3304.6	56845.	3547.2	78.407	3387.9
Stddev	20.5	115.	61.1	1.990	12.3
%RSD	.62018	.20312	1.7220	2.5375	.36189

#1	3290.1	56764.	3504.0	79.814	3379.2
#2	3319.1	56927.	3590.3	77.000	3396.5

Sample Name: J5805-03 Acquired: 11/5/2018 22:55:43 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES 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	-.00509	.00660	.01127	.00007	.13151	.13498	.00002
Stddev	.00133	.00045	.00045	.00268	.00037	.00747	.00085	.00013
%RSD	447.48	8.8824	6.8666	23.757	529.33	5.6814	.63157	707.23

#1	-.00124	-.00477	.00628	.01317	.00034	.13679	.13558	-.00007
#2	.00065	-.00541	.00692	.00938	-.00019	.12622	.13438	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	152.87	.00024	.00469	.00550	.01432	.77441	2.8568
Stddev	.00003	.18	.00014	.00005	.00003	.00046	.00138	.0139
%RSD	80.295	.11928	58.626	1.0124	.54206	3.2070	.17805	.48683

#1	-.00005	152.74	.00033	.00466	.00552	.01465	.77344	2.8470
#2	-.00001	153.00	.00014	.00473	.00548	.01400	.77539	2.8666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	-.00091	428.25	.00047	.05382	2.3156	.00044	.03305
Stddev	.00043	.00099	.41	.00006	.00020	.0129	.00040	.00110
%RSD	8.2008	108.72	.09486	13.905	.37757	.55521	91.046	3.3400

#1	.00559	-.00162	428.54	.00042	.05396	2.3247	.00016	.03383
#2	.00498	-.00021	427.96	.00051	.05368	2.3065	.00072	.03227

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8792	3.9078	.00119	-.00423	.00754	.0064	.38992	7.3389
Stddev	.0028	.0037	.00031	.00178	.00026	.0004	.00006	.3639
%RSD	.14783	.09340	26.027	42.175	3.4257	5.853	.01462	4.9589

#1	1.8812	3.9104	.00097	-.00297	.00735	.0067	.38996	7.5962
#2	1.8773	3.9052	.00141	-.00549	.00772	.0061	.38988	7.0815

Sample Name: J5805-03 Acquired: 11/5/2018 22:55:43 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9896
 Stddev .4911
 %RSD 16.426

#1 3.3369
 #2 2.6424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.8	56445.	3526.1	78.310	3348.8
Stddev	14.2	322.	6.7	.271	12.5
%RSD	.43352	.57015	.18876	.34544	.37196

#1	3276.7	56218.	3521.4	78.119	3340.0
#2	3296.8	56673.	3530.9	78.501	3357.6

Sample Name: J5805-04 Acquired: 11/5/2018 22:59:52 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00384	.00594	.00820	-.00264	.09398	.12864	-.00010
Stddev	.00284	.00005	.00042	.00083	.00046	.01137	.00045	.00002
%RSD	314.91	1.1799	7.0050	10.073	17.418	12.098	.34816	18.196

#1	-.00291	-.00380	.00624	.00761	-.00231	.08594	.12896	-.00009
#2	.00111	-.00387	.00565	.00878	-.00296	.10201	.12832	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	157.02	.00013	.00525	.00564	-.02420	.81719	2.7463
Stddev	.00009	.28	.00016	.00013	.00014	.01398	.00018	.0100
%RSD	2967.3	.17968	126.35	2.5148	2.4946	57.774	.02165	.36381

#1	.00006	156.82	.00001	.00516	.00574	-.03408	.81731	2.7533
#2	-.00007	157.22	.00024	.00535	.00554	-.01431	.81706	2.7392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	-.00005	396.13	.00058	.04966	2.5312	.00078	.03567
Stddev	.00001	.00042	2.57	.00043	.00076	.0263	.00006	.00353
%RSD	.23539	849.55	.64805	73.590	1.5210	1.0382	7.0682	9.8946

#1	.00617	-.00035	394.32	.00089	.05019	2.5126	.00082	.03816
#2	.00619	.00025	397.95	.00028	.04912	2.5498	.00074	.03317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0104	4.6429	-.00039	-.00300	.00543	.0059	.43745	6.9479
Stddev	.0182	.0469	.00018	.00080	.00270	.0013	.00073	.1015
%RSD	.60416	1.0109	46.606	26.502	49.685	22.08	.16597	1.4611

#1	3.0233	4.6760	-.00026	-.00244	.00352	.0050	.43797	6.8761
#2	2.9976	4.6097	-.00051	-.00357	.00734	.0069	.43694	7.0197

Sample Name: J5805-04 Acquired: 11/5/2018 22:59:52 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.9331
 Stddev 1.3012
 %RSD 26.376

#1 5.8532
 #2 4.0131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.5	56799.	3543.2	79.211	3387.0
Stddev	19.0	124.	7.0	1.263	24.6
%RSD	.57610	.21812	.19896	1.5945	.72515
#1	3293.0	56711.	3538.3	78.318	3369.6
#2	3320.0	56886.	3548.2	80.105	3404.4

Sample Name: J5805-05 Acquired: 11/5/2018 23:04:02 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00544	.00599	.00999	-.00401	.08576	.17684	-.00008
Stddev	.00257	.00165	.00046	.00161	.00155	.02741	.00008	.00006
%RSD	286.60	30.228	7.6068	16.062	38.506	31.967	.04554	80.984

#1	-.00272	-.00661	.00567	.01113	-.00292	.10515	.17690	-.00012
#2	.00092	-.00428	.00631	.00886	-.00511	.06637	.17678	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	262.34	-.00072	.00402	.00224	-.00930	.84073	3.9886
Stddev	.00005	2.53	.00008	.00006	.00104	.00518	.00076	.0157
%RSD	25.150	.96395	10.499	1.5729	46.485	55.692	.09004	.39249

#1	-.00015	260.55	-.00078	.00406	.00298	-.00564	.84020	3.9776
#2	-.00022	264.13	-.00067	.00397	.00150	-.01296	.84127	3.9997

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	-.00044	500.33	.00203	.03559	2.9892	.00254	.04481
Stddev	.00009	.00082	2.76	.00035	.00092	.0147	.00004	.00612
%RSD	1.5616	183.89	.55210	17.070	2.5932	.49078	1.5931	13.656

#1	.00573	-.00102	498.37	.00179	.03624	2.9996	.00252	.04913
#2	.00585	.00013	502.28	.00228	.03494	2.9788	.00257	.04048

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0249	6.9250	.00040	-.00632	.00900	.0161	.93674	7.5722
Stddev	.0079	.0013	.00031	.00048	.00266	.0008	.00529	.1322
%RSD	.26184	.01919	76.520	7.6461	29.571	4.705	.56497	1.7460

#1	3.0305	6.9260	.00018	-.00598	.00712	.0155	.93300	7.6657
#2	3.0193	6.9241	.00062	-.00666	.01089	.0166	.94049	7.4787

Sample Name: J5805-05 Acquired: 11/5/2018 23:04:02 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4283
 Stddev 1.0309
 %RSD 16.037

#1 5.6994
 #2 7.1573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.7	55785.	3480.4	75.000	3282.7
Stddev	4.9	143.	2.7	2.223	3.9
%RSD	.15184	.25556	.07668	2.9639	.11927

#1	3228.2	55684.	3478.5	73.428	3279.9
#2	3235.2	55886.	3482.2	76.572	3285.4

Sample Name: CCV13 Acquired: 11/5/2018 23:08:10 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14122 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9224	5.0902	4.7783	4.9093	4.9489	9.9822	10.153	.25280
Stddev	.0159	.0045	.0049	.0057	.0142	.0805	.033	.00085
%RSD	.32366	.08826	.10173	.11522	.28652	.80687	.32520	.33700
#1	4.9337	5.0871	4.7748	4.9133	4.9589	9.9253	10.176	.25219
#2	4.9111	5.0934	4.7817	4.9053	4.9388	10.039	10.130	.25340
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4193	25.709	1.0665	2.3923	1.2183	5.0670	2.5599	22.847
Stddev	.0005	.302	.0014	.0018	.0049	.0717	.0013	.160
%RSD	.02022	1.1763	.12954	.07561	.40047	1.4146	.05165	.69827
#1	2.4190	25.496	1.0675	2.3910	1.2218	5.1176	2.5609	22.735
#2	2.4197	25.923	1.0656	2.3936	1.2149	5.0163	2.5590	22.960
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3867	1.2619	25.590	2.5378	F 3.0057	25.551	4.9545	4.6753
Stddev	.0006	.0026	.013	.0021	.0337	.067	.0069	.0235
%RSD	.02346	.20555	.04962	.08126	1.1219	.26187	.13872	.50280
#1	2.3863	1.2637	25.581	2.5364	3.0296	25.599	4.9594	4.6587
#2	2.3871	1.2601	25.599	2.5393	2.9819	25.504	4.9496	4.6919
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8548	5.1496	4.8822	4.8389	5.2646	5.172	5.2294	F 4.0341
Stddev	.0131	.0199	.0066	.0015	.0110	.004	.0226	.1020
%RSD	.27053	.38684	.13456	.03033	.20836	.0809	.43297	2.5274
#1	4.8641	5.1355	4.8775	4.8379	5.2568	5.170	5.2133	4.1062
#2	4.8455	5.1637	4.8868	4.8400	5.2723	5.175	5.2454	3.9620

Sample Name: CCV13 Acquired: 11/5/2018 23:08:10 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14122 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 4.1884
 Stddev .1243
 %RSD 2.9675

#1 4.1005
 #2 4.2763

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.6	65865.	3907.3	89.091	4021.1
Stddev	1.8	166.	6.8	.921	1.5
%RSD	.04793	.25226	.17383	1.0338	.03661

#1	3826.3	65747.	3912.1	88.440	4022.1
#2	3828.9	65982.	3902.5	89.742	4020.1

Sample Name: CCB13 Acquired: 11/5/2018 23:11:56 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14122 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00001	-.00094	.00256	-.00088	-.01418	.00012
Stddev	.00187	.00047	.00058	.00379	.00104	.00236	.00017
%RSD	451.80	3659.4	62.298	147.80	117.70	16.624	143.17

#1	.00174	.00032	-.00052	-.00012	-.00015	-.01585	-.00000
#2	-.00091	-.00035	-.00135	.00524	-.00162	-.01252	.00025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00006	.01696	-.00047	.00024	.00032	-.00062
Stddev	.00003	.00001	.00266	.00053	.00017	.00067	.00043
%RSD	23.924	11.120	15.661	111.56	71.417	206.49	70.423

#1	-.00010	-.00005	.01883	-.00085	.00012	-.00015	-.00031
#2	-.00014	-.00006	.01508	-.00010	.00036	.00079	-.00092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02656	.00041	-.00031	.21938	-.00030	.00010
Stddev	.00006	.01966	.00018	.00037	.01699	.00018	.00007
%RSD	137.55	74.000	43.905	118.75	7.7452	58.420	65.251

#1	-.00009	.04046	.00054	-.00057	.23140	-.00042	.00015
#2	-.00000	.01266	.00028	-.00005	.20737	-.00018	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	.00044	.00481	-.00064	.00167	-.00031	-.00173
Stddev	.02267	.00003	.00905	.00164	.00152	.00020	.00032
%RSD	1044.1	7.0536	188.27	255.62	91.280	65.454	18.571

#1	-.01820	.00046	.01120	-.00180	.00059	-.00046	-.00150
#2	.01386	.00041	-.00159	.00052	.00274	-.00017	-.00195

Sample Name: CCB13 Acquired: 11/5/2018 23:11:56 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14122 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.0023	-.00002	F 2.6064	F<.00000
Stddev	.00044	.0021	.00008	.2131	.85251
%RSD	50.846	90.73	395.59	8.1752	30.213

#1	.00117	.0008	.00004	2.7571	-2.2189
#2	.00055	.0038	-.00008	2.4557	-3.4245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.3	68572.	3947.8	94.067	4515.4
Stddev	7.0	323.	5.1	.012	7.7
%RSD	.17708	.47059	.12856	.01253	.17090

#1	3951.3	68344.	3951.4	94.058	4509.9
#2	3961.2	68801.	3944.2	94.075	4520.8

Sample Name: J5805-06 Acquired: 11/5/2018 23:16:03 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00487	.00452	.00984	-.00086	.09452	.15799	-.00015
Stddev	.00110	.00067	.00032	.00182	.00030	.02376	.00020	.00007
%RSD	3300.0	13.725	6.9928	18.490	35.215	25.140	.12975	44.155

#1	-.00074	-.00440	.00475	.00856	-.00107	.11132	.15784	-.00010
#2	.00081	-.00534	.00430	.01113	-.00064	.07772	.15813	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	227.67	-.00031	.00460	.00237	.07002	.84767	3.3901
Stddev	.00007	.10	.00017	.00005	.00055	.00526	.00257	.0050
%RSD	33.928	.04422	53.602	1.1391	23.332	7.5181	.30352	.14835

#1	-.00025	227.60	-.00020	.00464	.00198	.07375	.84949	3.3937
#2	-.00015	227.74	-.00043	.00456	.00276	.06630	.84585	3.3866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00468	-.00028	444.18	.00136	.07633	2.4621	.00239	.03684
Stddev	.00077	.00021	5.48	.00061	.00052	.0015	.00003	.00540
%RSD	16.534	77.018	1.2346	44.794	.68166	.05994	1.1563	14.654

#1	.00413	-.00043	448.06	.00179	.07596	2.4610	.00241	.03302
#2	.00523	-.00013	440.30	.00093	.07669	2.4631	.00238	.04065

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7580	5.9160	.00021	-.00402	.00753	.0165	.80963	7.4279
Stddev	.0065	.0176	.00036	.00187	.00308	.0018	.00239	.0652
%RSD	.23569	.29672	169.68	46.461	40.883	11.08	.29467	.87741

#1	2.7626	5.9284	-.00004	-.00534	.00535	.0178	.81131	7.4740
#2	2.7534	5.9035	.00046	-.00270	.00971	.0152	.80794	7.3818

Sample Name: J5805-06 Acquired: 11/5/2018 23:16:03 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7608
Stddev .0350
%RSD .51739

#1 6.7361
#2 6.7856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.5	55938.	3510.9	76.907	3319.8
Stddev	20.7	288.	24.1	.309	18.0
%RSD	.63839	.51536	.68726	.40137	.54106

#1	3227.9	55734.	3493.9	77.125	3307.1
#2	3257.2	56142.	3528.0	76.688	3332.5

Sample Name: J5805-07 Acquired: 11/5/2018 23:20:11 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00547	.00757	.00809	-.00253	.10913	.17546	-.00022
Stddev	.00038	.00170	.00007	.00143	.00132	.00533	.00085	.00008
%RSD	31.999	31.152	.92111	17.628	52.423	4.8831	.48291	38.004

#1	-.00146	-.00427	.00762	.00708	-.00159	.10536	.17486	-.00016
#2	-.00092	-.00667	.00752	.00910	-.00346	.11289	.17606	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	207.13	-.00078	.00524	.00400	.02095	.95095	3.7970
Stddev	.00002	1.37	.00004	.00013	.00037	.00205	.00110	.0461
%RSD	151.82	.66056	5.1534	2.4078	9.2402	9.8029	.11572	1.2153

#1	-.00003	206.17	-.00081	.00515	.00373	.01950	.95017	3.7643
#2	.00000	208.10	-.00075	.00532	.00426	.02241	.95173	3.8296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00693	-.00060	443.18	.00101	.05601	1.9000	.00128	.03677
Stddev	.00002	.00008	3.25	.00036	.00056	.0516	.00017	.00535
%RSD	.27070	13.111	.73371	35.706	1.0006	2.7140	13.632	14.540

#1	.00692	-.00055	445.48	.00076	.05641	1.8635	.00115	.03299
#2	.00694	-.00066	440.88	.00127	.05562	1.9364	.00140	.04056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7191	5.9463	.00035	-.00428	.00434	.0133	.69747	7.3814
Stddev	.0016	.0375	.00055	.00048	.00095	.0021	.00274	.0568
%RSD	.05734	.63107	155.33	11.241	21.956	15.88	.39345	.76971

#1	2.7179	5.9197	-.00003	-.00462	.00501	.0148	.69553	7.4215
#2	2.7202	5.9728	.00074	-.00394	.00367	.0118	.69941	7.3412

Sample Name: J5805-07 Acquired: 11/5/2018 23:20:11 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.8977
Stddev	.1888
%RSD	4.8438

#1	3.7642
#2	4.0312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.7	55931.	3498.7	77.724	3333.9
Stddev	.7	108.	1.5	1.217	4.5
%RSD	.02034	.19284	.04346	1.5662	.13513

#1	3275.2	55855.	3499.8	76.863	3337.1
#2	3276.2	56007.	3497.6	78.584	3330.7

Sample Name: J5805-08 Acquired: 11/5/2018 23:24:19 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00310	.00683	.00597	-.00249	.09420	.14389	-.00018
Stddev	.00372	.00095	.00098	.00095	.00194	.01329	.00065	.00002
%RSD	315.57	30.552	14.297	15.925	77.894	14.108	.45116	10.672
#1	-.00381	-.00243	.00752	.00665	-.00112	.08480	.14343	-.00017
#2	.00145	-.00377	.00614	.00530	-.00387	.10360	.14435	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	272.78	-.00022	.00274	.00553	-.06377	.54016	2.9414
Stddev	.00008	1.21	.00076	.00046	.00082	.00135	.00017	.0101
%RSD	32.757	.44398	342.11	16.731	14.785	2.1176	.03085	.34310
#1	.00030	271.92	.00032	.00242	.00495	-.06282	.54004	2.9485
#2	.00018	273.64	-.00076	.00307	.00611	-.06473	.54028	2.9343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00845	-.00105	447.82	.00328	.05296	4.0561	.00247	.03214
Stddev	.00023	.00032	1.64	.00059	.00060	.0303	.00024	.01127
%RSD	2.7421	30.497	.36670	17.905	1.1299	.74825	9.7605	35.058
#1	.00862	-.00083	448.98	.00286	.05253	4.0776	.00230	.04011
#2	.00829	-.00128	446.66	.00369	.05338	4.0347	.00264	.02417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6153	3.9292	.00041	-.00771	.00805	.0218	1.3435	7.2474
Stddev	.0083	.0224	.00009	.00016	.00080	.0031	.0046	.0415
%RSD	.14755	.56984	21.062	2.0466	9.9049	14.41	.34219	.57306
#1	5.6212	3.9450	.00047	-.00782	.00748	.0241	1.3403	7.2180
#2	5.6095	3.9134	.00035	-.00760	.00861	.0196	1.3468	7.2768

Sample Name: J5805-08 Acquired: 11/5/2018 23:24:19 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5958
Stddev .6284
%RSD 13.673

#1 4.1514
#2 5.0401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.3	55816.	3494.2	77.291	3300.8
Stddev	14.0	138.	7.0	.587	18.8
%RSD	.43298	.24795	.20165	.75935	.56957

#1	3230.4	55718.	3489.2	77.706	3287.5
#2	3250.3	55914.	3499.2	76.876	3314.1

Sample Name: J5805-09 Acquired: 11/5/2018 23:28:29 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	-.00531	.00612	.00657	-.00193	.08095	.13025	-.00015
Stddev	.00205	.00064	.00073	.00341	.00054	.03493	.00051	.00003
%RSD	107.77	11.954	11.868	51.896	27.814	43.149	.39276	21.836

#1	-.00336	-.00486	.00664	.00416	-.00155	.05625	.12989	-.00018
#2	-.00045	-.00576	.00561	.00898	-.00231	.10564	.13061	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	238.92	-.00015	.00247	.00413	-.03412	.58582	2.5687
Stddev	.00002	1.66	.00009	.00016	.00047	.00298	.00305	.0137
%RSD	11.884	.69527	58.233	6.6474	11.309	8.7427	.52072	.53260

#1	.00014	237.75	-.00021	.00235	.00380	-.03201	.58367	2.5784
#2	.00012	240.09	-.00009	.00259	.00446	-.03623	.58798	2.5590

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	-.00105	396.72	.00183	.04312	3.7692	.00206	.03158
Stddev	.00010	.00053	1.62	.00045	.00071	.0854	.00007	.00621
%RSD	2.0883	50.775	.40749	24.649	1.6390	2.2646	3.5291	19.669

#1	.00467	-.00142	395.57	.00215	.04362	3.7089	.00211	.03597
#2	.00481	-.00067	397.86	.00151	.04262	3.8296	.00201	.02719

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2147	4.1228	-.00008	-.00503	.00851	.0104	1.1440	7.2094
Stddev	.0053	.0301	.00007	.00095	.00022	.0003	.0023	.3688
%RSD	.10264	.72940	91.003	18.895	2.6333	2.481	.20312	5.1158

#1	5.2185	4.1016	-.00013	-.00436	.00836	.0106	1.1423	7.4702
#2	5.2109	4.1441	-.00003	-.00571	.00867	.0102	1.1456	6.9486

Sample Name: J5805-09 Acquired: 11/5/2018 23:28:29 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-SAMPLES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.3404
 Stddev .1923
 %RSD 3.6008

#1 5.4763
 #2 5.2044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3268.1	56083.	3489.2	79.254	3345.9
Stddev	20.0	8.	3.7	1.535	19.6
%RSD	.61338	.01467	.10710	1.9367	.58483

#1	3253.9	56077.	3486.6	78.169	3332.0
#2	3282.2	56089.	3491.8	80.339	3359.7

Sample Name: J5735-23 Acquired: 11/5/2018 23:32:38 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12B 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	-.00464	.00171	.00428	-.00076	.04407	.32772	-.00015
Stddev	.00053	.00004	.00076	.00008	.00038	.01598	.00054	.00001
%RSD	22.380	.91552	44.659	1.9311	49.599	36.263	.16566	4.3455

#1	-.00273	-.00467	.00225	.00434	-.00049	.03277	.32734	-.00015
#2	-.00198	-.00461	.00117	.00423	-.00102	.05537	.32811	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	24.209	.00096	.00022	.00028	-.00379	.13558	1.2481
Stddev	.00005	.111	.00018	.00017	.00017	.00813	.00047	.0545
%RSD	32.739	.45971	18.677	75.861	62.857	214.18	.34807	4.3669

#1	-.00012	24.288	.00109	.00010	.00040	-.00954	.13591	1.2096
#2	-.00019	24.131	.00083	.00034	.00015	.00195	.13525	1.2867

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00006	418.25	-.00016	.12642	.66634	.00055	.04658
Stddev	.00038	.00004	.45	.00000	.00010	.03923	.00017	.01331
%RSD	56.171	71.316	.10795	1.7428	.08122	5.8868	31.718	28.573

#1	.00041	.00003	418.57	-.00016	.12650	.63861	.00067	.03717
#2	.00096	.00009	417.93	-.00015	.12635	.69408	.00042	.05599

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55689	.61522	.00109	-.00211	.00218	.0077	.09425	6.9375
Stddev	.00328	.00249	.00093	.00115	.00172	.0023	.00036	.1750
%RSD	.58841	.40431	84.989	54.429	78.834	29.77	.38634	2.5225

#1	.55921	.61347	.00043	-.00130	.00096	.0093	.09451	6.8137
#2	.55457	.61698	.00174	-.00293	.00339	.0061	.09399	7.0612

Sample Name: J5735-23 Acquired: 11/5/2018 23:32:38 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 12B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1881
 Stddev .2288
 %RSD 10.457

#1 2.0263
 #2 2.3499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3362.7	57075.	3558.1	81.138	3454.2
Stddev	9.4	197.	1.6	.407	7.7
%RSD	.28026	.34574	.04471	.50111	.22354

#1	3356.0	56936.	3559.3	80.850	3448.7
#2	3369.4	57215.	3557.0	81.425	3459.7

Sample Name: J5745-21 Acquired: 11/5/2018 23:36:48 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12H Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00413	-.00460	.00212	.00046	-.00106	.08203	.42489	.00065
Stddev	.00096	.00026	.00058	.00050	.00264	.00585	.01652	.00007
%RSD	23.130	5.5804	27.366	109.82	248.50	7.1343	3.8886	11.155

#1	-.00346	-.00442	.00171	.00010	.00080	.08617	.43657	.00060
#2	-.00481	-.00479	.00253	.00081	-.00293	.07789	.41320	.00070

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	6.2782	.00045	.00027	.00037	-.00116	.15781	2.3595
Stddev	.00013	.1376	.00058	.00000	.00038	.01349	.00062	.0170
%RSD	160.69	2.1911	128.03	1.2679	102.76	1162.2	.39095	.72041

#1	-.00017	6.3754	.00086	.00027	.00010	.00838	.15737	2.3474
#2	.00001	6.1809	.00004	.00027	.00064	-.01070	.15824	2.3715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	-.00048	423.72	-.00013	.13964	.89396	.00050	.04793
Stddev	.00009	.00052	7.69	.00039	.00029	.03437	.00014	.00731
%RSD	2.1398	108.94	1.8139	301.36	.21057	3.8446	27.216	15.262

#1	.00398	-.00011	429.16	-.00040	.13943	.91826	.00059	.05310
#2	.00410	-.00084	418.29	.00015	.13985	.86966	.00040	.04275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76061	.37248	.00110	-.00078	.00654	.0089	.04215	6.3131
Stddev	.00527	.01624	.00171	.00037	.00291	.0001	.00121	.1546
%RSD	.69331	4.3604	156.08	47.146	44.553	1.652	2.8737	2.4492

#1	.76434	.38397	.00231	-.00052	.00860	.0088	.04301	6.4224
#2	.75688	.36100	-.00011	-.00104	.00448	.0090	.04130	6.2037

Sample Name: J5745-21 Acquired: 11/5/2018 23:36:48 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 12H Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4203
 Stddev .0819
 %RSD 5.7630

#1 1.4782
 #2 1.3625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.2	57757.	3524.9	78.117	3480.3
Stddev	1.1	204.	69.5	.035	15.5
%RSD	.03255	.35376	1.9730	.04526	.44457

#1	3392.0	57613.	3475.8	78.142	3469.3
#2	3390.4	57902.	3574.1	78.092	3491.2

Sample Name: J5745-22 Acquired: 11/5/2018 23:40:59 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 6A 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	-.00389	.00153	.00396	.00068	.02566	.33004	.00007
Stddev	.00089	.00053	.00050	.00418	.00020	.01459	.00057	.00008
%RSD	31.926	13.703	32.932	105.61	29.577	56.871	.17210	115.37

#1	-.00341	-.00352	.00188	.00692	.00083	.01534	.33044	.00001
#2	-.00216	-.00427	.00117	.00100	.00054	.03597	.32964	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	5.5101	.00117	-.00034	.00130	.01157	.04034	1.2470
Stddev	.00004	.0682	.00047	.00035	.00004	.00227	.00018	.0050
%RSD	88.369	1.2383	40.389	103.60	3.1617	19.611	.44340	.40164

#1	-.00007	5.4618	.00151	-.00009	.00133	.01317	.04046	1.2505
#2	-.00002	5.5583	.00084	-.00058	.00127	.00996	.04021	1.2434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00008	395.71	-.00038	.14375	.79409	.00036	.05544
Stddev	.00028	.00002	4.79	.00008	.00164	.05000	.00001	.00887
%RSD	28.753	19.754	1.2103	19.679	1.1383	6.2961	1.7401	15.993

#1	.00118	-.00009	392.32	-.00044	.14259	.75874	.00036	.06171
#2	.00078	-.00007	399.09	-.00033	.14490	.82944	.00036	.04917

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45532	.31597	.00156	-.00061	.00339	.0139	.02737	6.8034
Stddev	.00105	.00139	.00014	.00202	.00169	.0010	.00019	.0931
%RSD	.23020	.44109	9.2217	333.07	49.701	7.276	.69101	1.3682

#1	.45607	.31696	.00146	-.00204	.00220	.0146	.02724	6.8692
#2	.45458	.31499	.00166	.00082	.00459	.0132	.02750	6.7376

Sample Name: J5745-22 Acquired: 11/5/2018 23:40:59 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 6A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7453
 Stddev .0852
 %RSD 4.8839

#1 1.8056
 #2 1.6851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.7	57258.	3548.9	78.729	3480.2
Stddev	13.5	2.	14.2	.630	17.4
%RSD	.39671	.00367	.40040	.80085	.49936

#1	3390.2	57257.	3558.9	79.175	3467.9
#2	3409.2	57260.	3538.8	78.283	3492.4

Sample Name: J5745-23 Acquired: 11/5/2018 23:45:11 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 6B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00447	-.00508	.00170	.00422	-.00118	.05277	.40956	-.00003
Stddev	.00115	.00125	.00008	.00097	.00121	.01038	.00139	.00005
%RSD	25.783	24.606	4.8778	22.991	103.37	19.660	.33978	174.87

#1	-.00528	-.00419	.00176	.00354	-.00032	.06011	.40858	.00001
#2	-.00365	-.00596	.00164	.00491	-.00203	.04544	.41054	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	8.5741	-.00029	.00023	.00123	.00014	1.7520	1.2690
Stddev	.00001	.0478	.00004	.00008	.00004	.00614	.0029	.0615
%RSD	8.7943	.55728	11.936	33.852	3.0296	4370.7	.16494	4.8479

#1	-.00008	8.5404	-.00032	.00017	.00120	.00448	1.7541	1.2255
#2	-.00007	8.6079	-.00027	.00028	.00126	-.00420	1.7500	1.3125

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00030	444.42	-.00007	.17742	1.1394	.00014	.05739
Stddev	.00002	.00012	4.95	.00102	.00353	.0318	.00027	.00848
%RSD	2.5484	40.589	1.1140	1575.4	1.9919	2.7862	201.10	14.776

#1	.00092	-.00021	440.92	.00066	.17492	1.1619	.00033	.05139
#2	.00095	-.00038	447.92	-.00079	.17992	1.1170	-.00006	.06338

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78839	.30697	.00108	-.00110	.00388	.0078	.06808	6.7709
Stddev	.00183	.00246	.00094	.00090	.00139	.0001	.00021	.4308
%RSD	.23162	.80055	86.945	81.962	35.757	1.520	.31180	6.3618

#1	.78710	.30870	.00175	-.00173	.00487	.0077	.06793	7.0755
#2	.78968	.30523	.00042	-.00046	.00290	.0079	.06823	6.4663

Sample Name: J5745-23 Acquired: 11/5/2018 23:45:11 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 6B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8701
 Stddev .3249
 %RSD 17.376

#1 2.0999
 #2 1.6403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.8	57450.	3558.8	80.367	3467.5
Stddev	12.4	409.	1.9	1.414	9.8
%RSD	.36425	.71123	.05365	1.7597	.28186

#1	3386.0	57161.	3560.2	81.367	3460.6
#2	3403.5	57739.	3557.5	79.367	3474.4

Sample Name: J5745-25 Acquired: 11/5/2018 23:49:22 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 8A 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	-.00315	.01168	.00607	.00008	.05680	.28812	-.00000
Stddev	.00179	.00106	.00009	.00148	.00024	.01410	.00057	.00010
%RSD	56.371	33.738	.74593	24.290	291.33	24.833	.19703	9371.5

#1	-.00191	-.00240	.01162	.00503	-.00009	.06677	.28852	-.00008
#2	-.00444	-.00390	.01174	.00712	.00025	.04683	.28772	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	12.819	.00013	-.00014	.00038	.00378	.01043	1.8403
Stddev	.00007	.127	.00079	.00009	.00016	.01364	.00002	.0365
%RSD	40.881	.98846	607.73	61.722	40.739	360.84	.20254	1.9864

#1	.00013	12.730	-.00043	-.00008	.00027	.01342	.01041	1.8661
#2	.00023	12.909	.00069	-.00021	.00049	-.00586	.01044	1.8144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00053	367.82	-.00016	.11394	.60744	.00052	.03564
Stddev	.00006	.00060	7.20	.00049	.00271	.03126	.00022	.00054
%RSD	114.21	113.42	1.9567	305.26	2.3823	5.1460	42.505	1.5129

#1	-.00009	.00095	362.73	-.00051	.11202	.62955	.00068	.03526
#2	-.00001	.00010	372.91	.00019	.11586	.58534	.00037	.03602

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43827	.33523	.00139	-.00070	.00295	.0035	.36613	6.6681
Stddev	.00263	.00218	.00055	.00033	.00156	.0007	.00242	.2416
%RSD	.59920	.64931	39.555	47.488	52.695	20.90	.66225	3.6232

#1	.43641	.33369	.00178	-.00094	.00405	.0030	.36442	6.8390
#2	.44012	.33677	.00100	-.00047	.00185	.0041	.36784	6.4973

Sample Name: J5745-25 Acquired: 11/5/2018 23:49:22 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 8A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .77984
 Stddev .18697
 %RSD 23.975

#1 .91205
 #2 .64764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.3	57377.	3563.6	81.417	3490.6
Stddev	23.5	196.	13.6	1.520	12.0
%RSD	.69665	.34079	.38143	1.8673	.34418

#1	3363.7	57239.	3573.2	82.492	3482.1
#2	3397.0	57516.	3554.0	80.342	3499.1

Sample Name: J5745-26 Acquired: 11/5/2018 23:53:32 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 8B 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	-.00389	.00357	.00503	-.00026	.05475	.24916	-.00012
Stddev	.00081	.00038	.00034	.00327	.00240	.01346	.00023	.00002
%RSD	119.84	9.7285	9.6394	65.120	906.04	24.586	.09143	16.085

#1	-.00010	-.00416	.00382	.00271	-.00196	.04523	.24932	-.00013
#2	-.00126	-.00363	.00333	.00734	.00143	.06426	.24900	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	6.9236	.00068	.00004	.00139	.01327	.06547	1.1815
Stddev	.00004	.0458	.00009	.00009	.00032	.00186	.00041	.0155
%RSD	60.987	.66149	13.488	202.40	23.319	13.985	.62008	1.3079

#1	-.00009	6.8912	.00074	-.00002	.00116	.01458	.06518	1.1706
#2	-.00004	6.9560	.00061	.00010	.00161	.01195	.06576	1.1924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00010	412.37	.00065	.12020	.71816	.00053	.04395
Stddev	.00036	.00073	5.62	.00024	.00130	.05038	.00017	.00403
%RSD	55.404	766.13	1.3629	35.927	1.0816	7.0151	31.685	9.1692

#1	.00090	-.00061	408.40	.00049	.12112	.75379	.00065	.04110
#2	.00039	.00042	416.35	.00082	.11928	.68254	.00041	.04679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30777	.21143	.00101	.00058	.00315	.0683	.03025	6.7924
Stddev	.00013	.00169	.00035	.00079	.00172	.0009	.00007	.0061
%RSD	.04157	.79896	35.045	137.60	54.733	1.357	.21626	.09043

#1	.30768	.21024	.00076	.00002	.00193	.0689	.03020	6.7880
#2	.30786	.21263	.00126	.00114	.00436	.0676	.03029	6.7967

Sample Name: J5745-26 Acquired: 11/5/2018 23:53:32 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 8B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .51821
 Stddev 2.0721
 %RSD 399.87

#1 1.9834
 #2 -.94702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.6	57070.	3528.3	79.138	3479.3
Stddev	15.1	31.	.1	1.255	26.1
%RSD	.44631	.05364	.00173	1.5860	.75055

#1	3369.9	57049.	3528.3	78.250	3460.8
#2	3391.2	57092.	3528.4	80.025	3497.7

Sample Name: CCV14 Acquired: 11/5/2018 23:57:43 Type: Unk
Method: P4-ICP2(v2549) 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	4.8993	5.0898	4.7588	4.8790	4.9215	10.083	10.126	.25293
Stddev	.0034	.0114	.0032	.0071	.0017	.151	.019	.00020
%RSD	.07046	.22386	.06770	.14465	.03347	1.4958	.18499	.07799
#1	4.9018	5.0817	4.7565	4.8740	4.9203	10.189	10.113	.25279
#2	4.8969	5.0978	4.7610	4.8840	4.9227	9.9761	10.139	.25307
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4162	25.692	1.0687	2.3849	1.2140	5.2146	2.5648	22.735
Stddev	.0039	.217	.0020	.0039	.0011	.1131	.0039	.143
%RSD	.16100	.84458	.18844	.16480	.08999	2.1687	.15183	.62778
#1	2.4135	25.846	1.0673	2.3821	1.2148	5.1347	2.5676	22.836
#2	2.4190	25.539	1.0701	2.3876	1.2132	5.2946	2.5621	22.634
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3784	1.2679	25.764	2.5448	F 3.0843	25.506	4.9326	4.6272
Stddev	.0040	.0019	.021	.0042	.0844	.041	.0054	.0261
%RSD	.16865	.15250	.08088	.16513	2.7354	.16171	.11024	.56381
#1	2.3755	1.2665	25.749	2.5478	3.0246	25.477	4.9288	4.6457
#2	2.3812	1.2692	25.778	2.5419	3.1439	25.535	4.9364	4.6088
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8483	5.1273	4.8624	4.8093	5.2710	5.176	5.2221	F 4.1147
Stddev	.0025	.0282	.0073	.0100	.0075	.001	.0250	.0717
%RSD	.05208	.55048	.14999	.20837	.14191	.0106	.47894	1.7434
#1	4.8501	5.1074	4.8572	4.8164	5.2763	5.177	5.2398	4.1654
#2	4.8466	5.1473	4.8675	4.8023	5.2657	5.176	5.2044	4.0639

Sample Name: CCV14 Acquired: 11/5/2018 23:57:43 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7384
Stddev .3530
%RSD 9.4418

#1 3.4888
#2 3.9880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.0	65639.	3927.1	86.747	4028.3
Stddev	1.1	151.	9.6	2.271	1.2
%RSD	.02912	.23075	.24375	2.6183	.02890

#1	3846.8	65532.	3933.9	88.353	4029.2
#2	3845.3	65747.	3920.3	85.141	4027.5

Sample Name: CCB14 Acquired: 11/6/2018 0:01:30 Type: Unk
Method: P4-ICP2(v2549) 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	-.00172	.00066	-.00050	.00112	-.00056	-.01971	-.00058
Stddev	.00172	.00181	.00012	.00146	.00004	.00003	.00100
%RSD	99.726	272.52	23.191	130.00	6.9735	.14099	173.09

#1	-.00294	-.00062	-.00042	.00009	-.00053	-.01969	-.00129
#2	-.00051	.00194	-.00059	.00215	-.00059	-.01973	.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00003	.00718	-.00053	.00018	-.00037	.00131
Stddev	.00012	.00001	.01541	.00015	.00021	.00035	.01002
%RSD	104.80	42.875	214.49	28.155	116.33	94.122	763.75

#1	-.00021	.00003	.01808	-.00064	.00003	-.00012	.00840
#2	-.00003	.00002	-.00371	-.00042	.00032	-.00061	-.00578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00500	.00034	-.00068	.20526	-.00010	.00012
Stddev	.00002	.00637	.00006	.00016	.02113	.00036	.00010
%RSD	67.945	127.45	16.634	24.030	10.295	365.32	81.549

#1	-.00002	.00950	.00038	-.00080	.22020	-.00035	.00005
#2	-.00005	.00049	.00030	-.00057	.19032	.00016	.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03466	.00061	.00289	.00074	.00437	.00033	-.00124
Stddev	.05069	.00002	.00266	.00328	.00057	.00076	.00070
%RSD	146.24	2.9692	91.974	441.47	13.011	233.70	56.010

#1	-.07051	.00059	.00101	-.00157	.00477	.00086	-.00173
#2	.00118	.00062	.00477	.00306	.00397	-.00021	-.00075

Sample Name: CCB14 Acquired: 11/6/2018 0:01:30 Type: Unk
 Method: P4-ICP2(v2549) 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	-.00157	.0024	-.00007	F 2.3251	F<.00000
Stddev	.00185	.0007	.00012	.4703	.21048
%RSD	117.32	30.75	170.18	20.229	8.1237

#1	-.00288	.0018	-.00016	2.6577	-2.4421
#2	-.00027	.0029	.00001	1.9925	-2.7397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.8	68373.	3950.0	91.908	4517.6
Stddev	2.8	297.	12.2	.648	4.5
%RSD	.06934	.43474	.30783	.70525	.10055

#1	3974.8	68163.	3941.4	92.367	4514.4
#2	3978.7	68583.	3958.6	91.450	4520.8

Sample Name: J5750-10 Acquired: 11/6/2018 0:05:37 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00420	-.00337	.00221	.00437	-.00031	.07782	.42371	.00003
Stddev	.00338	.00007	.00186	.00224	.00082	.00266	.00107	.00005
%RSD	80.488	2.0842	84.144	51.233	264.36	3.4167	.25264	154.28

#1	-.00181	-.00342	.00090	.00279	.00027	.07594	.42447	.00007
#2	-.00659	-.00332	.00353	.00596	-.00089	.07970	.42296	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	8.4973	.00386	.00404	.00211	-.00218	1.1063	1.4590
Stddev	.00007	.0568	.00009	.00018	.00044	.00981	.0000	.0243
%RSD	514.00	.66901	2.2430	4.3413	20.865	451.00	.00201	1.6628

#1	-.00004	8.4571	.00380	.00391	.00180	.00476	1.1063	1.4418
#2	.00006	8.5375	.00392	.00416	.00242	-.00912	1.1063	1.4761

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	-.00029	426.39	-.00042	.17492	1.6908	.00058	.05237
Stddev	.00021	.00012	4.78	.00053	.00113	.0285	.00027	.00081
%RSD	6.8683	39.194	1.1199	124.64	.64543	1.6871	47.332	1.5546

#1	.00317	-.00021	429.77	-.00005	.17572	1.6707	.00077	.05179
#2	.00287	-.00038	423.01	-.00080	.17412	1.7110	.00039	.05294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42760	1.2682	.00230	.00020	.00413	.0061	.04222	6.5786
Stddev	.00309	.0089	.00019	.00081	.00072	.0001	.00005	.0869
%RSD	.72348	.70581	8.3659	404.97	17.407	1.789	.10970	1.3211

#1	.42978	1.2745	.00217	.00077	.00362	.0060	.04226	6.6401
#2	.42541	1.2618	.00244	-.00037	.00464	.0061	.04219	6.5172

Sample Name: J5750-10 Acquired: 11/6/2018 0:05:37 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9146
Stddev 1.2952
%RSD 67.650

#1 2.8305
#2 .99873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.6	57411.	3570.3	79.517	3449.7
Stddev	4.0	88.	40.7	.719	13.8
%RSD	.11756	.15308	1.1405	.90408	.39898

#1	3364.8	57349.	3541.5	79.008	3440.0
#2	3370.4	57473.	3599.1	80.025	3459.5

Sample Name: J5750-11 Acquired: 11/6/2018 0:09:48 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	-.00374	.00596	.00405	.00003	.11010	.38519	.00002
Stddev	.00073	.00032	.00081	.00058	.00121	.00560	.00126	.00009
%RSD	24.527	8.4277	13.644	14.323	3853.9	5.0843	.32666	386.40

#1	-.00246	-.00396	.00539	.00446	-.00082	.10614	.38608	-.00004
#2	-.00349	-.00352	.00654	.00364	.00088	.11406	.38430	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	7.3272	.00115	.00031	.00042	.00666	.18464	1.1745
Stddev	.00004	.0228	.00014	.00026	.00072	.00016	.00124	.1302
%RSD	33.645	.31070	12.277	83.147	171.00	2.3396	.67141	11.088

#1	-.00009	7.3111	.00105	.00049	-.00009	.00677	.18551	1.0824
#2	-.00015	7.3433	.00125	.00013	.00093	.00655	.18376	1.2665

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00012	424.68	.00012	.15245	.81774	.00046	.04808
Stddev	.00007	.00011	.46	.00020	.00202	.01147	.00031	.01457
%RSD	13.511	85.084	.10935	163.20	1.3273	1.4027	66.952	30.306

#1	.00050	-.00005	425.01	-.00002	.15388	.82585	.00024	.05839
#2	.00060	-.00020	424.35	.00026	.15101	.80963	.00068	.03778

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34150	.43982	.00139	-.00084	.00389	.0109	.04477	6.7116
Stddev	.00177	.00496	.00002	.00132	.00031	.0016	.00035	.0519
%RSD	.51819	1.1270	1.6333	158.36	7.9077	14.73	.79130	.77316

#1	.34025	.44333	.00137	-.00177	.00367	.0098	.04502	6.7483
#2	.34275	.43632	.00140	.00010	.00411	.0120	.04452	6.6749

Sample Name: J5750-11 Acquired: 11/6/2018 0:09:48 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 7B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1723
 Stddev .9287
 %RSD 79.222

#1 1.8290
 #2 .51559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.6	56972.	3516.6	78.746	3456.5
Stddev	15.5	285.	10.1	1.538	16.7
%RSD	.46070	.50004	.28772	1.9531	.48369

#1	3350.6	56770.	3509.4	77.658	3444.6
#2	3372.5	57173.	3523.8	79.833	3468.3

Sample Name: J5750-12 Acquired: 11/6/2018 0:14:00 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00334	.00223	.00252	.00007	.15081	.37626	.00007
Stddev	.00264	.00189	.00021	.00302	.00025	.00576	.00046	.00001
%RSD	221.12	56.485	9.4890	120.07	375.77	3.8201	.12232	17.538

#1	.00067	-.00467	.00208	.00465	-.00011	.14674	.37593	.00008
#2	-.00306	-.00200	.00238	.00038	.00025	.15489	.37658	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	4.7180	.00119	.00043	.00045	.01115	.11163	.64414
Stddev	.00005	.0106	.00020	.00011	.00034	.01304	.00012	.04213
%RSD	62.251	.22491	17.129	25.793	74.558	116.93	.10772	6.5406

#1	-.00005	4.7105	.00105	.00051	.00069	.02037	.11172	.67393
#2	-.00012	4.7255	.00134	.00035	.00021	.00193	.11155	.61435

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00057	434.42	-.00060	.14490	.96931	.00066	.05269
Stddev	.00037	.00019	5.53	.00042	.00323	.01048	.00026	.00033
%RSD	48.211	32.692	1.2719	70.133	2.2320	1.0807	39.052	.62961

#1	.00102	-.00044	430.52	-.00089	.14261	.97672	.00048	.05246
#2	.00050	-.00071	438.33	-.00030	.14719	.96190	.00085	.05293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40241	.29432	.00144	.00204	.00443	.0043	.03420	6.7238
Stddev	.00115	.00538	.00054	.00085	.00064	.0010	.00010	.0653
%RSD	.28515	1.8292	37.591	41.836	14.409	22.14	.29389	.97059

#1	.40322	.29813	.00106	.00144	.00398	.0050	.03413	6.6777
#2	.40159	.29051	.00182	.00265	.00488	.0036	.03427	6.7700

Sample Name: J5750-12 Acquired: 11/6/2018 0:14:00 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 7C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4730
 Stddev .7225
 %RSD 49.051

#1 .96210
 #2 1.9839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.7	56736.	3493.6	78.108	3407.5
Stddev	21.2	2.	8.3	1.391	22.6
%RSD	.63301	.00402	.23625	1.7804	.66279

#1	3340.7	56738.	3487.8	79.092	3391.5
#2	3370.7	56734.	3499.5	77.125	3423.4

Sample Name: J5771-02 Acquired: 11/6/2018 0:18:11 Type: Unk
Method: P4-ICP2(v2549) 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	-.00060	-.00454	.00672	.00704	-.00094	.11345	.15342	.00001
Stddev	.00098	.00166	.00090	.00339	.00020	.00601	.00057	.00008
%RSD	162.35	36.566	13.405	48.125	20.907	5.2939	.37297	1566.0

#1	-.00129	-.00337	.00608	.00943	-.00080	.11769	.15382	-.00005
#2	.00009	-.00572	.00736	.00464	-.00108	.10920	.15301	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	32.333	-.00088	.01015	.00887	.87441	1.7620	1.7421
Stddev	.00008	.051	.00052	.00006	.00037	.00359	.0049	.0234
%RSD	60.483	.15744	58.471	.58431	4.1237	.41001	.28044	1.3415

#1	.00018	32.297	-.00125	.01010	.00913	.87695	1.7585	1.7586
#2	.00007	32.369	-.00052	.01019	.00862	.87188	1.7655	1.7256

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	-.00039	402.79	-.00007	.10664	1.8503	.00029	.02178
Stddev	.00002	.00049	3.22	.00007	.00163	.0280	.00003	.01223
%RSD	.67967	125.84	.79896	97.216	1.5264	1.5117	9.4915	56.163

#1	.00348	-.00074	405.07	-.00002	.10779	1.8305	.00031	.03042
#2	.00352	-.00004	400.52	-.00012	.10549	1.8701	.00027	.01313

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72204	2.3272	.00045	-.00158	.00185	.0081	.13019	6.6271
Stddev	.01196	.0140	.00077	.00091	.00104	.0006	.00008	.0476
%RSD	1.6560	.60153	170.56	57.499	55.945	7.750	.06505	.71749

#1	.73050	2.3371	.00099	-.00222	.00258	.0077	.13025	6.6607
#2	.71359	2.3173	-.00009	-.00094	.00112	.0086	.13013	6.5934

Sample Name: J5771-02 Acquired: 11/6/2018 0:18:11 Type: Unk
 Method: P4-ICP2(v2549) 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 2.7274
 Stddev .1888
 %RSD 6.9219

#1 2.5939
 #2 2.8609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.3	57765.	3566.7	79.875	3498.4
Stddev	3.9	97.	44.5	1.379	24.8
%RSD	.11307	.16863	1.2486	1.7263	.70999

#1	3412.0	57696.	3535.2	78.900	3480.9
#2	3406.5	57834.	3598.2	80.850	3516.0

Sample Name: J5771-02DUP Acquired: 11/6/2018 0:22:21 Type: Unk
Method: P4-ICP2(v2549) 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	-.00031	-.00336	.00834	.00693	-.00129	.11679	.15350	.00006
Stddev	.00078	.00059	.00176	.00264	.00015	.00161	.00171	.00006
%RSD	254.12	17.515	21.072	38.040	11.973	1.3792	1.1140	97.929

#1	-.00086	-.00378	.00710	.00507	-.00140	.11793	.15229	.00010
#2	.00024	-.00294	.00958	.00879	-.00118	.11566	.15471	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	32.102	-.00065	.00990	.00915	.86726	1.7678	1.7464
Stddev	.00000	.257	.00036	.00034	.00012	.02701	.0003	.0294
%RSD	1.2729	.80026	54.570	3.4102	1.3641	3.1141	.01696	1.6827

#1	.00007	31.920	-.00090	.00966	.00906	.88636	1.7676	1.7256
#2	.00007	32.283	-.00040	.01013	.00924	.84816	1.7680	1.7672

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	-.00042	404.02	.00052	.10450	1.9024	.00041	.02064
Stddev	.00085	.00013	4.54	.00027	.00100	.0662	.00026	.00174
%RSD	26.788	31.350	1.1248	51.971	.95664	3.4786	63.469	8.4292

#1	.00256	-.00032	400.81	.00033	.10521	1.8556	.00022	.02187
#2	.00376	-.00051	407.23	.00071	.10379	1.9492	.00059	.01941

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72749	2.3401	.00110	-.00159	.00393	.0096	.13063	6.8191
Stddev	.00152	.0227	.00110	.00148	.00119	.0011	.00088	.0899
%RSD	.20849	.97066	99.740	93.243	30.338	11.25	.67154	1.3179

#1	.72856	2.3240	.00188	-.00054	.00478	.0088	.13001	6.8826
#2	.72642	2.3562	.00032	-.00264	.00309	.0103	.13125	6.7555

Sample Name: J5771-02DUP Acquired: 11/6/2018 0:22:21 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.3138
Stddev	1.8440
%RSD	55.647

#1	2.0098
#2	4.6177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.6	57357.	3561.8	80.583	3480.2
Stddev	8.6	71.	19.1	1.037	14.6
%RSD	.25358	.12455	.53710	1.2870	.42089

#1	3402.5	57306.	3575.3	79.850	3469.9
#2	3414.7	57407.	3548.3	81.317	3490.6

Sample Name: J5771-02LX5 Acquired: 11/6/2018 0:26:31 Type: Unk
Method: P4-ICP2(v2549) 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	-.00045	-.00077	.00123	.00200	-.00033	.02143	.02993	-.00008
Stddev	.00118	.00176	.00042	.00151	.00024	.02380	.00149	.00000
%RSD	260.99	229.63	33.764	75.817	75.018	111.05	4.9923	1.1901

#1	.00038	.00048	.00153	.00307	-.00015	.03826	.02887	-.00008
#2	-.00128	-.00201	.00094	.00093	-.00050	.00460	.03099	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	6.2168	-.00049	.00182	.00209	.17385	.34188	.35581
Stddev	.00001	.0034	.00038	.00031	.00005	.00180	.00056	.02857
%RSD	12.388	.05491	77.832	17.257	2.2282	1.0335	.16470	8.0283

#1	-.00006	6.2144	-.00075	.00160	.00212	.17258	.34148	.37601
#2	-.00007	6.2193	-.00022	.00204	.00206	.17512	.34228	.33561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00032	80.006	.00012	.02068	.36845	.00012	.00267
Stddev	.00007	.00023	.578	.00008	.00000	.05789	.00066	.00193
%RSD	35.555	74.361	.72273	71.655	.00479	15.711	557.87	72.464

#1	.00024	-.00048	79.597	.00006	.02068	.32752	-.00035	.00130
#2	.00014	-.00015	80.415	.00017	.02068	.40938	.00058	.00403

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13051	.47529	-.00079	-.00084	-.00012	.0029	.02479	4.3230
Stddev	.00094	.00512	.00020	.00041	.00032	.0011	.00014	.0706
%RSD	.71875	1.0769	25.004	48.507	269.22	37.80	.54984	1.6337

#1	.13118	.47168	-.00065	-.00055	-.00034	.0036	.02470	4.3729
#2	.12985	.47891	-.00093	-.00113	.00011	.0021	.02489	4.2731

Sample Name: J5771-02LX5 Acquired: 11/6/2018 0:26:31 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .65426
 %RSD 343.00

#1 .27189
 #2 -.65338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3753.5	63696.	3787.3	86.600	4061.3
Stddev	9.1	215.	9.7	.590	21.4
%RSD	.24296	.33811	.25734	.68186	.52766

#1	3747.0	63543.	3794.2	86.183	4076.4
#2	3759.9	63848.	3780.4	87.018	4046.1

Sample Name: J5771-02MS Acquired: 11/6/2018 0:30:37 Type: Unk
Method: P4-ICP2(v2549) 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	.83747	2.1014	1.0126	2.1114	.82170	2.3445	.38769	.21699	.21068
Stddev	.00089	.0042	.0022	.0055	.00236	.0249	.00446	.00080	.00014
%RSD	.10624	.19914	.22206	.25853	.28706	1.0611	1.1505	.36724	.06800

#1	.83684	2.0984	1.0110	2.1153	.82337	2.3621	.39084	.21756	.21058
#2	.83810	2.1044	1.0142	2.1076	.82003	2.3269	.38453	.21643	.21078

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.082	.46198	.22086	.31314	4.2309	2.0890	3.7796	.52557	.07760
Stddev	.366	.00007	.00004	.00017	.0925	.0013	.0497	.00088	.00112
%RSD	1.0152	.01500	.01793	.05272	2.1855	.06398	1.3146	.16680	1.4393

#1	36.341	.46203	.22089	.31303	4.1655	2.0881	3.8147	.52619	.07839
#2	35.823	.46194	.22083	.31326	4.2963	2.0900	3.7444	.52495	.07681

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	435.42	.33763	.29672	13.242	.42960	.31591	.75696	3.5038	.73931
Stddev	4.48	.00025	.00339	.099	.00001	.00010	.00111	.0441	.00053
%RSD	1.0294	.07526	1.1429	.74801	.00209	.03153	.14730	1.2588	.07236

#1	438.59	.33745	.29432	13.312	.42961	.31598	.75775	3.5350	.73969
#2	432.25	.33781	.29912	13.172	.42959	.31584	.75617	3.4726	.73893

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20561	.24347	6.973	.36780	7.1488	1.6538
Stddev	.00159	.00055	.003	.00593	.2183	.1571
%RSD	.77093	.22547	.0423	1.6128	3.0541	9.4985

#1	.20673	.24308	6.971	.37200	7.3031	1.7648
#2	.20449	.24386	6.975	.36361	6.9944	1.5427

Sample Name: J5771-02MS Acquired: 11/6/2018 0:30:37 Type: Unk
Method: P4-ICP2(v2549) 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	3320.8	56071.	3457.3	78.741	3361.1
Stddev	12.8	76.	52.0	.578	8.1
%RSD	.38607	.13490	1.5038	.73458	.24198
#1	3311.7	56018.	3420.5	79.150	3355.3
#2	3329.8	56125.	3494.1	78.332	3366.8

Sample Name: J5771-02MSD Acquired: 11/6/2018 0:34:34 Type: Unk
Method: P4-ICP2(v2549) 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	.83319	2.1035	1.0097	2.1023	.82053	2.3292	.38558	.21734	.21025
Stddev	.00119	.0041	.0006	.0018	.00123	.0103	.00088	.00043	.00037
%RSD	.14292	.19686	.06173	.08711	.14940	.44182	.22772	.20008	.17503

#1	.83403	2.1006	1.0093	2.1036	.82139	2.3220	.38496	.21703	.20999
#2	.83235	2.1064	1.0102	2.1010	.81966	2.3365	.38621	.21764	.21051

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.480	.46246	.22105	.31244	4.3738	2.0883	3.7958	.52338	.07640
Stddev	.568	.00050	.00031	.00070	.1444	.0023	.0406	.00061	.00044
%RSD	1.5999	.10704	.14177	.22376	3.3025	.11162	1.0704	.11662	.58177

#1	35.078	.46211	.22083	.31293	4.4760	2.0867	3.7670	.52295	.07671
#2	35.881	.46281	.22127	.31194	4.2717	2.0900	3.8245	.52382	.07609

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	430.56	.33659	.30498	13.258	.42982	.31857	.75645	3.4700	.73840
Stddev	1.08	.00058	.01130	.010	.00078	.00433	.00717	.0048	.00176
%RSD	.25080	.17113	3.7048	.07398	.18173	1.3605	.94749	.13827	.23784

#1	429.80	.33619	.31297	13.265	.42927	.31550	.76152	3.4666	.73964
#2	431.33	.33700	.29699	13.251	.43038	.32163	.75138	3.4733	.73716

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20756	.24224	6.944	.36235	7.2262	1.5666
Stddev	.00024	.00224	.009	.00270	.0989	.6816
%RSD	.11371	.92309	.1366	.74471	1.3693	43.509

#1	.20773	.24066	6.937	.36044	7.2961	1.0846
#2	.20739	.24382	6.951	.36425	7.1562	2.0485

Sample Name: J5771-02MSD Acquired: 11/6/2018 0:34:34 Type: Unk
Method: P4-ICP2(v2549) 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	3336.6	56380.	3479.3	76.891	3372.1
Stddev	5.1	229.	5.6	2.921	6.9
%RSD	.15230	.40632	.16142	3.7991	.20547
#1	3333.0	56218.	3483.2	74.825	3367.2
#2	3340.2	56542.	3475.3	78.956	3377.0

Sample Name: J5771-02A Acquired: 11/6/2018 0:38:32 Type: Unk
Method: P4-ICP2(v2549) 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	.83015	2.0948	1.0069	2.1072	.82449	2.3456	.38616	.21710	.20982
Stddev	.00116	.0014	.0029	.0139	.00347	.0452	.00056	.00039	.00046
%RSD	.13979	.06731	.28719	.66138	.42032	1.9255	.14532	.17779	.21880

#1	.83097	2.0938	1.0089	2.0973	.82204	2.3775	.38656	.21737	.21015
#2	.82933	2.0958	1.0048	2.1170	.82694	2.3137	.38576	.21682	.20950

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.500	.46165	.22003	.31289	4.3222	2.0917	3.8238	.52266	.07682
Stddev	.301	.00112	.00091	.00012	.0224	.0007	.0293	.00105	.00006
%RSD	.84896	.24174	.41563	.03685	.51871	.03463	.76729	.20147	.08265

#1	35.287	.46086	.22068	.31281	4.3380	2.0922	3.8445	.52192	.07678
#2	35.713	.46244	.21939	.31297	4.3063	2.0912	3.8030	.52341	.07687

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	428.11	.33765	.30333	13.293	.43080	.30492	.75434	3.4803	.73815
Stddev	8.76	.00187	.00111	.052	.00175	.00011	.00152	.0453	.00015
%RSD	2.0473	.55326	.36467	.39187	.40575	.03562	.20100	1.3024	.01977

#1	421.91	.33897	.30255	13.256	.42957	.30500	.75541	3.4482	.73826
#2	434.30	.33633	.30411	13.330	.43204	.30484	.75327	3.5123	.73805

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20679	.24354	6.936	.36129	7.0835	1.5968
Stddev	.00139	.00391	.002	.00658	.0444	.2717
%RSD	.67401	1.6035	.0228	1.8221	.62708	17.012

#1	.20778	.24078	6.937	.35663	7.0521	1.4048
#2	.20581	.24630	6.934	.36594	7.1150	1.7889

Sample Name: J5771-02A Acquired: 11/6/2018 0:38:32 Type: Unk
Method: P4-ICP2(v2549) 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	3336.1	56330.	3488.7	77.364	3388.2
Stddev	22.5	142.	31.6	.326	2.2
%RSD	.67447	.25284	.90440	.42152	.06602
#1	3352.0	56230.	3511.0	77.595	3389.8
#2	3320.1	56431.	3466.4	77.133	3386.6

Sample Name: J5771-04 Acquired: 11/6/2018 0:42:30 Type: Unk
Method: P4-ICP2(v2549) 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	-.00092	-.00433	.01815	.00568	-.00114	.09520	.18032	-.00002
Stddev	.00182	.00084	.00101	.00231	.00069	.02364	.00097	.00002
%RSD	197.11	19.446	5.5400	40.629	60.381	24.829	.53648	73.501

#1	-.00220	-.00493	.01744	.00731	-.00163	.07848	.18100	-.00001
#2	.00036	-.00373	.01886	.00405	-.00065	.11191	.17963	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	22.565	-.00017	.00436	.00890	.69296	1.1802	1.9691
Stddev	.00004	.138	.00058	.00032	.00001	.01069	.0025	.0281
%RSD	151.36	.61054	343.60	7.2585	.10245	1.5428	.21208	1.4290

#1	-.00005	22.467	.00024	.00458	.00889	.68540	1.1784	1.9492
#2	.00000	22.662	-.00058	.00413	.00891	.70052	1.1819	1.9890

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00025	453.25	-.00021	.04967	1.4151	.00032	.02807
Stddev	.00031	.00030	4.53	.00027	.00047	.0036	.00019	.00255
%RSD	13.077	121.78	1.0003	132.21	.94409	.25330	58.252	9.0997

#1	.00219	-.00003	456.46	-.00040	.04934	1.4125	.00045	.02626
#2	.00263	-.00046	450.05	-.00001	.05000	1.4176	.00019	.02988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83365	.99056	.00149	-.00026	.00656	.0092	.09159	6.8878
Stddev	.00128	.00158	.00007	.00161	.00148	.0015	.00025	.0073
%RSD	.15388	.15977	4.7604	627.81	22.557	16.60	.27505	.10638

#1	.83275	.98944	.00154	.00088	.00551	.0081	.09141	6.8930
#2	.83456	.99168	.00144	-.00140	.00761	.0103	.09176	6.8826

Sample Name: J5771-04 Acquired: 11/6/2018 0:42:30 Type: Unk
 Method: P4-ICP2(v2549) 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 2.4992
 Stddev .7615
 %RSD 30.471

#1 1.9607
 #2 3.0377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.0	56209.	3491.1	78.604	3404.1
Stddev	20.6	46.	14.7	.583	19.9
%RSD	.61572	.08241	.41982	.74215	.58364

#1	3333.4	56176.	3480.8	79.017	3390.1
#2	3362.6	56242.	3501.5	78.192	3418.2

Sample Name: CCV15 Acquired: 11/6/2018 0:46:41 Type: Unk
Method: P4-ICP2(v2549) 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	4.8895	5.1236	4.7682	4.8776	4.9349	10.108	10.157	.25453
Stddev	.0091	.0042	.0002	.0112	.0056	.043	.108	.00046
%RSD	.18689	.08243	.00335	.22895	.11373	.42080	1.0664	.17889
#1	4.8831	5.1206	4.7683	4.8855	4.9309	10.138	10.081	.25421
#2	4.8960	5.1266	4.7681	4.8697	4.9388	10.078	10.234	.25485
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4247	25.664	1.0795	2.3931	1.2148	5.2662	2.5823	22.807
Stddev	.0007	.220	.0026	.0015	.0002	.2412	.0064	.239
%RSD	.03071	.85830	.24246	.06232	.01519	4.5812	.24701	1.0486
#1	2.4242	25.508	1.0777	2.3941	1.2149	5.4367	2.5778	22.638
#2	2.4252	25.820	1.0814	2.3920	1.2147	5.0956	2.5868	22.976
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3839	1.2745	26.131	2.5614	F 3.0912	25.698	4.9394	4.6506
Stddev	.0030	.0017	.369	.0024	.1012	.357	.0007	.0104
%RSD	.12520	.13165	1.4117	.09499	3.2736	1.3880	.01364	.22421
#1	2.3860	1.2733	25.870	2.5597	3.1627	25.446	4.9399	4.6432
#2	2.3818	1.2757	26.392	2.5631	3.0196	25.950	4.9389	4.6579
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8613	5.1684	4.8853	4.8311	5.2898	5.213	5.2142	F 3.9945
Stddev	.0098	.0635	.0069	.0050	.0579	.002	.0675	.0478
%RSD	.20264	1.2284	.14021	.10264	1.0946	.0415	1.2952	1.1953
#1	4.8683	5.1235	4.8805	4.8276	5.2489	5.212	5.1665	3.9607
#2	4.8543	5.2133	4.8902	4.8346	5.3308	5.215	5.2620	4.0282

Sample Name: CCV15 Acquired: 11/6/2018 0:46:41 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6677
Stddev .2258
%RSD 13.538

#1 1.5080
#2 1.8273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3850.9	65543.	3910.4	86.568	4029.3
Stddev	7.8	38.	44.5	2.974	7.7
%RSD	.20165	.05746	1.1379	3.4354	.19028

#1	3845.5	65517.	3941.8	84.466	4023.9
#2	3856.4	65570.	3878.9	88.671	4034.7

Sample Name: CCB15 Acquired: 11/6/2018 0:50:28 Type: Unk
Method: P4-ICP2(v2549) 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	.00171	-.00026	-.00024	.00049	-.00158	-.01459	.00033
Stddev	.00072	.00061	.00002	.00071	.00071	.00586	.00094
%RSD	41.849	236.16	7.9086	145.24	44.814	40.151	286.46

#1	.00222	.00017	-.00022	-.00001	-.00108	-.01873	-.00034
#2	.00121	-.00069	-.00025	.00098	-.00208	-.01045	.00099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00004	.02554	-.00042	.00011	.00023	.00690
Stddev	.00008	.00003	.01942	.00013	.00007	.00019	.00331
%RSD	85.789	60.944	76.015	29.854	60.941	82.116	47.981

#1	-.00004	-.00002	.01181	-.00051	.00006	.00036	.00456
#2	-.00016	-.00006	.03927	-.00033	.00016	.00010	.00924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01717	.00036	-.00076	.17308	-.00043	.00012
Stddev	.00002	.03181	.00012	.00038	.01280	.00071	.00012
%RSD	40.885	185.23	34.668	50.682	7.3935	164.29	99.217

#1	.00007	-.03966	.00045	-.00103	.18213	.00007	.00004
#2	.00004	.00532	.00027	-.00049	.16403	-.00094	.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	.00050	-.00454	-.00125	.00445	-.00042	-.00097
Stddev	.06262	.00008	.00156	.00065	.00058	.00028	.00097
%RSD	2258.5	16.959	34.365	52.339	13.104	66.333	100.92

#1	-.04151	.00056	-.00564	-.00171	.00404	-.00061	-.00028
#2	.04706	.00044	-.00344	-.00079	.00486	-.00022	-.00165

Sample Name: CCB15 Acquired: 11/6/2018 0:50:28 Type: Unk
 Method: P4-ICP2(v2549) 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	-.00171	.0021	.00003	F 2.5211	F<.00000
Stddev	.00116	.0002	.00015	.1474	.25555
%RSD	67.985	9.217	586.41	5.8469	10.509

#1	-.00253	.0020	-.00008	2.4169	-2.6126
#2	-.00089	.0023	.00013	2.6254	-2.2511

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3985.8	68075.	3922.0	91.333	4530.7
Stddev	19.9	20.	5.8	.236	18.1
%RSD	.49942	.03010	.14694	.25807	.39885

#1	3971.8	68090.	3926.1	91.167	4517.9
#2	3999.9	68061.	3918.0	91.500	4543.5

Sample Name: J5771-06 Acquired: 11/6/2018 0:54:35 Type: Unk
Method: P4-ICP2(v2549) 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	-.00071	-.00338	.00758	.00580	.00094	.10785	.13228	-.00002
Stddev	.00115	.00068	.00050	.00110	.00104	.01984	.00021	.00000
%RSD	162.08	20.260	6.5480	18.906	110.30	18.395	.15579	16.561

#1	-.00153	-.00289	.00793	.00658	.00021	.09382	.13214	-.00003
#2	.00010	-.00386	.00723	.00503	.00167	.12188	.13243	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	23.454	-.00042	.00522	.00836	.66609	1.4969	1.1529
Stddev	.00004	.054	.00007	.00023	.00011	.01281	.0009	.0056
%RSD	244.73	.23000	16.387	4.3962	1.3497	1.9228	.06147	.48313

#1	.00001	23.492	-.00047	.00538	.00828	.65703	1.4962	1.1568
#2	-.00005	23.416	-.00038	.00506	.00844	.67514	1.4975	1.1489

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00779	-.00089	439.20	.00048	.02868	1.1393	.00058	.01134
Stddev	.00006	.00013	.07	.00081	.00059	.0308	.00015	.00152
%RSD	.72918	14.928	.01675	169.92	2.0540	2.7078	26.045	13.429

#1	.00783	-.00098	439.25	.00105	.02827	1.1611	.00068	.01242
#2	.00775	-.00079	439.15	-.00010	.02910	1.1175	.00047	.01027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72476	1.3453	.00144	-.00179	.00472	.0095	.13432	7.1919
Stddev	.00353	.0010	.00061	.00067	.00089	.0010	.00055	.0239
%RSD	.48678	.07443	42.008	37.612	18.858	10.72	.41204	.33217

#1	.72726	1.3460	.00187	-.00131	.00409	.0103	.13393	7.1750
#2	.72227	1.3446	.00101	-.00226	.00535	.0088	.13471	7.2088

Sample Name: J5771-06 Acquired: 11/6/2018 0:54:35 Type: Unk
 Method: P4-ICP2(v2549) 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 1.2840
 Stddev 1.0128
 %RSD 78.876

#1 .56786
 #2 2.0001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.4	55981.	3504.6	79.642	3412.0
Stddev	15.3	64.	11.1	1.237	11.9
%RSD	.45829	.11355	.31687	1.5538	.34883
#1	3328.5	56026.	3512.4	80.517	3403.6
#2	3350.2	55936.	3496.7	78.767	3420.4

Sample Name: J5778-05 Acquired: 11/6/2018 0:58:46 Type: Unk
Method: P4-ICP2(v2549) 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	-.00003	-.00391	.00381	.00902	-.00107	.04063	.07217	-.00015
Stddev	.00104	.00153	.00093	.00017	.00001	.02518	.00042	.00008
%RSD	3220.8	39.241	24.478	1.8646	.81853	61.973	.58088	55.146

#1	.00070	-.00499	.00315	.00891	-.00108	.02282	.07188	-.00021
#2	-.00077	-.00282	.00447	.00914	-.00106	.05843	.07247	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	78.605	.00248	.00066	.00230	.61106	.06349	37.074
Stddev	.00009	.040	.00007	.00013	.00079	.01831	.00015	.127
%RSD	63.748	.05119	2.6857	19.649	34.138	2.9968	.23242	.34221

#1	-.00021	78.576	.00244	.00057	.00286	.62400	.06338	36.984
#2	-.00008	78.633	.00253	.00076	.00175	.59811	.06359	37.164

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00687	-.00001	405.26	.00034	.04362	.17104	.00050	.01114
Stddev	.00025	.00003	.67	.00052	.00093	.03862	.00030	.00365
%RSD	3.6050	277.82	.16639	154.27	2.1238	22.581	60.613	32.762

#1	.00705	-.00004	404.78	-.00003	.04427	.19835	.00071	.00856
#2	.00670	.00001	405.74	.00071	.04296	.14373	.00028	.01371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09662	.03870	.00285	-.00257	.00702	.0014	.04425	6.7923
Stddev	.00093	.00465	.00022	.00280	.00240	.0004	.00015	.0719
%RSD	.95794	12.023	7.7022	109.20	34.182	31.57	.33323	1.0584

#1	.09596	.03541	.00300	-.00058	.00532	.0017	.04435	6.8431
#2	.09727	.04199	.00269	-.00455	.00871	.0011	.04415	6.7414

Sample Name: J5778-05 Acquired: 11/6/2018 0:58:46 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-GRAVEL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9887
Stddev	.6299
%RSD	21.078

#1	2.5432
#2	3.4341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.8	56029.	3493.7	77.475	3373.7
Stddev	.4	143.	15.4	1.744	7.9
%RSD	.01117	.25533	.44028	2.2508	.23308

#1	3320.5	55928.	3482.9	76.242	3368.2
#2	3321.1	56130.	3504.6	78.708	3379.3

Sample Name: J5785-01 Acquired: 11/6/2018 1:02:57 Type: Unk
Method: P4-ICP2(v2549) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	-.00307	-.00017	.00220	-.00011	-.01753	.00016
Stddev	.00003	.00007	.00016	.00157	.00062	.00797	.00058
%RSD	1.4991	2.2556	92.639	71.458	539.31	45.474	351.29

#1	-.00209	-.00312	-.00029	.00331	-.00055	-.01189	-.00024
#2	-.00205	-.00302	-.00006	.00109	.00032	-.02317	.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00011	.33207	.00111	.00001	.00091	.00970
Stddev	.00007	.00006	.02837	.00007	.00015	.00067	.01067
%RSD	38.852	50.972	8.5429	6.7171	1869.1	73.827	110.04

#1	-.00023	-.00007	.35213	.00116	-.00010	.00138	.01724
#2	-.00013	-.00015	.31201	.00105	.00011	.00043	.00215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01513	.04203	.00026	-.00057	.60783	-.00046	.09670
Stddev	.00016	.00865	.00019	.00012	.02686	.00023	.00234
%RSD	1.0303	20.589	73.151	20.515	4.4195	49.762	2.4242

#1	.01524	.04815	.00013	-.00049	.62683	-.00030	.09835
#2	.01502	.03591	.00040	-.00065	.58884	-.00062	.09504

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04738	.00055	-.00101	2.3010	.01473	.00115	-.00042
Stddev	.01132	.00002	.00407	.0004	.00171	.00025	.00171
%RSD	23.891	4.1298	401.23	.01617	11.628	21.994	404.12

#1	.03937	.00053	-.00389	2.3007	.01594	.00133	-.00164
#2	.05538	.00057	.00186	2.3012	.01352	.00097	.00079

Sample Name: J5785-01 Acquired: 11/6/2018 1:02:57 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-SP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.0062	.00057	4.2145	F<.00000
Stddev	.00008	.0011	.00002	.1141	.75853
%RSD	14.005	17.92	4.1029	2.7080	19.293

#1	-.00061	.0054	.00059	4.1338	-3.3954
#2	-.00050	.0070	.00056	4.2952	-4.4681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.2	62600.	3668.8	81.767	4036.0
Stddev	24.9	22.	9.0	2.381	20.4
%RSD	.69359	.03513	.24416	2.9114	.50487

#1	3568.6	62585.	3662.4	80.083	4021.6
#2	3603.8	62616.	3675.1	83.450	4050.4

Sample Name: J5794-04 Acquired: 11/6/2018 1:07:03 Type: Unk
Method: P4-ICP2(v2549) 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	-.00108	-.00413	.02805	.00668	.00042	.08498	.13862	-.00004
Stddev	.00123	.00017	.00086	.00090	.00005	.00840	.00069	.00011
%RSD	114.07	4.2104	3.0598	13.539	11.131	9.8877	.49708	268.73

#1	-.00195	-.00425	.02745	.00732	.00045	.09092	.13911	.00004
#2	-.00021	-.00401	.02866	.00604	.00038	.07904	.13814	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	8.3717	.00009	.01065	.00458	.05395	1.1593	1.6308
Stddev	.00005	.0673	.00010	.00036	.00061	.01785	.0018	.0127
%RSD	176.24	.80439	102.66	3.3870	13.349	33.082	.15307	.77921

#1	.00001	8.4194	.00003	.01090	.00415	.06657	1.1580	1.6218
#2	-.00007	8.3241	.00016	.01039	.00501	.04133	1.1606	1.6398

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.00104	471.67	.00009	.03423	1.4065	.00021	.02017
Stddev	.00037	.00026	.93	.00055	.00028	.0312	.00000	.00524
%RSD	10.151	24.882	.19671	608.54	.82799	2.2199	1.7656	25.970

#1	.00395	-.00122	471.02	-.00030	.03403	1.3844	.00021	.02387
#2	.00342	-.00086	472.33	.00048	.03443	1.4286	.00021	.01647

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14938	.38466	.00119	.00030	.00472	.0099	.04313	6.7130
Stddev	.00325	.00129	.00048	.00271	.00074	.0001	.00020	.2324
%RSD	2.1756	.33625	40.741	895.47	15.770	1.069	.46458	3.4624

#1	.15167	.38557	.00153	.00222	.00525	.0099	.04298	6.8774
#2	.14708	.38374	.00085	-.00162	.00419	.0098	.04327	6.5487

Sample Name: J5794-04 Acquired: 11/6/2018 1:07:03 Type: Unk
 Method: P4-ICP2(v2549) 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	1.5943
Stddev	2.4551
%RSD	154.00

#1	-.14175
#2	3.3303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3330.3	56067.	3540.1	77.296	3385.3
Stddev	13.1	187.	13.4	.407	13.1
%RSD	.39342	.33269	.37761	.52601	.38686

#1	3321.1	55935.	3530.6	77.583	3376.0
#2	3339.6	56199.	3549.5	77.008	3394.5

Sample Name: J5794-08 Acquired: 11/6/2018 1:11:15 Type: Unk
Method: P4-ICP2(v2549) 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	-.00072	-.00430	.01396	.00790	-.00239	.05255	.73260	-.00006
Stddev	.00280	.00092	.00027	.00615	.00041	.00172	.00763	.00008
%RSD	389.46	21.262	1.9562	77.897	17.113	3.2756	1.0416	126.96

#1	.00126	-.00495	.01415	.00355	-.00210	.05377	.73800	-.00001
#2	-.00270	-.00366	.01377	.01225	-.00268	.05133	.72721	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	68.955	-.00168	.00297	.00719	-.01404	2.9593	14.975
Stddev	.00007	.178	.00035	.00002	.00089	.00847	.0032	.141
%RSD	32.717	.25864	20.726	.64359	12.413	60.317	.10731	.94214

#1	.00017	69.081	-.00193	.00299	.00782	-.00805	2.9571	14.875
#2	.00026	68.829	-.00144	.00296	.00656	-.02003	2.9615	15.075

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00883	-.00034	421.09	.00038	.04337	2.0699	.00035	.01826
Stddev	.00076	.00036	.59	.00016	.00089	.0162	.00002	.00085
%RSD	8.5780	107.98	.14012	42.103	2.0567	.78256	6.4204	4.6789

#1	.00937	-.00008	420.67	.00050	.04274	2.0585	.00034	.01765
#2	.00830	-.00059	421.50	.00027	.04400	2.0814	.00037	.01886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41155	.78185	.00219	-.00045	.00692	.0105	.19815	6.9028
Stddev	.00092	.00754	.00023	.00189	.00186	.0010	.00003	.0710
%RSD	.22417	.96382	10.604	421.48	26.877	9.360	.01266	1.0292

#1	.41220	.78718	.00235	-.00179	.00560	.0098	.19813	6.8526
#2	.41090	.77652	.00203	.00089	.00823	.0112	.19817	6.9530

Sample Name: J5794-08 Acquired: 11/6/2018 1:11:15 Type: Unk
Method: P4-ICP2(v2549) 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 2.0458
Stddev .5916
%RSD 28.916

#1 1.6275
#2 2.4641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.2	56159.	3511.5	76.586	3351.1
Stddev	17.7	43.	28.5	1.461	11.3
%RSD	.53507	.07718	.81045	1.9074	.33672

#1	3296.7	56129.	3491.4	77.619	3343.1
#2	3321.7	56190.	3531.7	75.553	3359.1

Sample Name: J5794-12 Acquired: 11/6/2018 1:15:26 Type: Unk
Method: P4-ICP2(v2549) 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	-.00199	-.00448	.00534	.00488	-.00070	.33265	.13189	.00013
Stddev	.00126	.00060	.00139	.00124	.00280	.00087	.00058	.00004
%RSD	63.462	13.315	25.993	25.305	398.14	.26114	.44180	29.340

#1	-.00288	-.00406	.00436	.00576	-.00268	.33326	.13148	.00016
#2	-.00110	-.00490	.00632	.00401	.00128	.33203	.13231	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	8.2474	.00001	.00275	.00970	-.01277	.34642	2.2558
Stddev	.00007	.0718	.00026	.00013	.00017	.00019	.00081	.0143
%RSD	296.88	.87035	1781.7	4.6731	1.7026	1.4683	.23267	.63172

#1	-.00002	8.2981	.00020	.00265	.00982	-.01264	.34699	2.2458
#2	.00007	8.1966	-.00017	.00284	.00959	-.01290	.34585	2.2659

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00517	-.00037	451.99	.00014	.02971	.90137	.00042	.01495
Stddev	.00008	.00011	.88	.00006	.00002	.00704	.00032	.01194
%RSD	1.4609	29.535	.19423	39.430	.07418	.78063	75.280	79.885

#1	.00523	-.00029	451.37	.00018	.02972	.89639	.00065	.00650
#2	.00512	-.00045	452.61	.00010	.02969	.90634	.00020	.02339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46569	.22858	.00052	.00041	.00656	.0056	.03078	6.7870
Stddev	.00086	.00223	.00102	.00189	.00005	.0003	.00023	.0620
%RSD	.18573	.97746	195.62	464.13	.72816	5.512	.73503	.91322

#1	.46508	.22700	.00125	-.00093	.00652	.0054	.03094	6.8308
#2	.46630	.23016	-.00020	.00174	.00659	.0058	.03062	6.7431

Sample Name: J5794-12 Acquired: 11/6/2018 1:15:26 Type: Unk
 Method: P4-ICP2(v2549) 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 1.1843
 Stddev .2180
 %RSD 18.411

#1 1.3384
 #2 1.0301

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3366.0	56321.	3528.8	79.096	3415.5
Stddev	20.9	167.	5.3	.395	2.3
%RSD	.62141	.29733	.14883	.49914	.06877

#1	3351.2	56202.	3532.5	78.817	3413.9
#2	3380.8	56439.	3525.0	79.375	3417.2

Sample Name: J5804-02 Acquired: 11/6/2018 1:19:38 Type: Unk
Method: P4-ICP2(v2549) 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	-.00349	-.00337	.00267	.00286	.00220	.01487	.20508	-.00021
Stddev	.00052	.00014	.00138	.00173	.00054	.01616	.00028	.00002
%RSD	14.967	4.2700	51.797	60.380	24.386	108.71	.13763	11.002

#1	-.00386	-.00347	.00365	.00409	.00258	.00344	.20488	-.00023
#2	-.00312	-.00327	.00169	.00164	.00182	.02629	.20528	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	1.4501	.00193	.00011	.00041	.02880	.00647	.06727
Stddev	.00003	.0075	.00063	.00008	.00092	.00201	.00008	.05619
%RSD	94.047	.51842	32.825	74.547	227.12	6.9647	1.3052	83.518

#1	-.00001	1.4554	.00238	.00017	.00106	.02738	.00653	.02754
#2	-.00006	1.4447	.00148	.00005	-.00025	.03022	.00641	.10700

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00539	-.00118	432.13	-.00032	.23410	.40169	.00052	.04863
Stddev	.00046	.00026	1.78	.00028	.00516	.01985	.00035	.00979
%RSD	8.4810	22.389	.41307	88.590	2.2062	4.9405	66.614	20.142

#1	.00571	-.00137	433.39	-.00012	.23045	.41572	.00077	.05555
#2	.00506	-.00099	430.87	-.00052	.23776	.38765	.00028	.04170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35731	.04641	.00131	-.00128	.00547	.0067	.00424	6.8306
Stddev	.00061	.00296	.00046	.00249	.00101	.0000	.00004	.0492
%RSD	.17016	6.3807	34.830	193.99	18.526	.4007	.85956	.72082

#1	.35689	.04850	.00099	.00048	.00619	.0067	.00421	6.7958
#2	.35774	.04431	.00163	-.00304	.00475	.0067	.00427	6.8654

Sample Name: J5804-02 Acquired: 11/6/2018 1:19:38 Type: Unk
 Method: P4-ICP2(v2549) 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 .76831
 Stddev .55952
 %RSD 72.824

#1 1.1640
 #2 .37267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3353.1	56016.	3496.3	78.358	3444.9
Stddev	19.5	55.	1.4	1.167	15.3
%RSD	.58047	.09735	.03907	1.4890	.44343

#1	3339.3	55977.	3497.3	79.183	3434.1
#2	3366.9	56054.	3495.3	77.533	3455.7

Sample Name: J5778-07 Acquired: 11/6/2018 1:23:51 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00021	-.00138	.00257	-.00250	-.00250	.00267
Stddev	.00064	.00044	.00022	.00067	.00002	.00644	.00057
%RSD	181.63	207.82	15.826	26.115	.76397	257.83	21.489

#1	.00081	-.00052	-.00122	.00210	-.00251	-.00705	.00308
#2	-.00010	.00010	-.00153	.00305	-.00248	.00206	.00227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00005	.04010	-.00010	.00027	.00000	-.00882
Stddev	.00011	.00001	.02908	.00036	.00016	.00010	.01881
%RSD	95.119	10.528	72.525	364.54	57.313	7206.9	213.29

#1	-.00004	-.00006	.01954	.00016	.00038	.00007	-.02212
#2	-.00019	-.00005	.06066	-.00036	.00016	-.00007	.00448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.04270	.00066	-.00031	.35497	-.00006	.00642
Stddev	.00022	.00953	.00027	.00002	.04152	.00031	.00069
%RSD	20.231	22.316	40.910	7.9707	11.698	519.41	10.758

#1	.00093	.03596	.00084	-.00033	.38434	.00016	.00593
#2	.00123	.04944	.00047	-.00030	.32561	-.00027	.00690

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04414	.00005	.00486	.02594	.02264	.00028	-.00235
Stddev	.00091	.00010	.00650	.00922	.00659	.00014	.00113
%RSD	2.0522	190.45	133.88	35.569	29.111	50.024	48.230

#1	-.04478	.00012	.00026	.01941	.02730	.00038	-.00315
#2	-.04350	-.00002	.00945	.03246	.01798	.00018	-.00155

Sample Name: J5778-07 Acquired: 11/6/2018 1:23:51 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.0024	.00011	1.5268	F<.00000
Stddev	.00220	.0010	.00003	.1870	.72731
%RSD	518.69	39.54	30.079	12.248	28.978
#1	-.00113	.0018	.00014	1.6590	-1.9956
#2	.00198	.0031	.00009	1.3946	-3.0242
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4098.4	69282.	3971.8	91.717	4632.8
Stddev	16.1	304.	8.8	.460	13.9
%RSD	.39214	.43908	.22076	.50113	.30075
#1	4087.0	69067.	3965.6	91.392	4623.0
#2	4109.7	69497.	3978.0	92.042	4642.7

Sample Name: J5778-07DUP Acquired: 11/6/2018 1:27:58 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00014	-.00044	.00118	-.00180	-.00643	.02956
Stddev	.00169	.00029	.00032	.00217	.00083	.00383	.00265
%RSD	111.71	205.86	73.780	184.00	46.259	59.576	8.9506

#1	.00032	-.00035	-.00021	-.00036	-.00239	-.00372	.02769
#2	.00270	.00006	-.00067	.00272	-.00121	-.00914	.03144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00004	.32244	-.00031	.00007	.00030	.00060
Stddev	.00009	.00002	.04062	.00031	.00027	.00008	.00967
%RSD	50.033	49.108	12.598	97.298	364.95	27.702	1611.4

#1	-.00025	-.00003	.29371	-.00010	-.00012	.00036	-.00624
#2	-.00012	-.00005	.35116	-.00053	.00026	.00024	.00744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01756	.06480	.00114	-.00032	.55858	.00024	.01315
Stddev	.00096	.03283	.00017	.00044	.00354	.00017	.00026
%RSD	5.4627	50.659	14.592	135.77	.63433	73.033	1.9826

#1	.01688	.08802	.00102	-.00001	.56109	.00036	.01297
#2	.01824	.04159	.00125	-.00063	.55608	.00012	.01334

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08046	.00018	.00932	.12006	.05668	-.00017	-.00213
Stddev	.02777	.00006	.00397	.00584	.00077	.00002	.00014
%RSD	34.518	32.029	42.601	4.8609	1.3576	9.2902	6.5988

#1	.10010	.00014	.01212	.11593	.05614	-.00018	-.00223
#2	.06082	.00022	.00651	.12418	.05723	-.00016	-.00203

Sample Name: J5778-07DUP Acquired: 11/6/2018 1:27:58 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	.0020	.00145	1.1368	F<.00000
Stddev	.00382	.0003	.00023	.0745	.80324
%RSD	142.87	16.40	15.994	6.5511	41.907

#1	-.00538	.0018	.00129	1.1894	-2.4847
#2	.00003	.0023	.00162	1.0841	-1.3487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4173.6	70555.	4060.3	92.721	4722.6
Stddev	15.3	378.	5.0	.218	23.5
%RSD	.36585	.53538	.12238	.23514	.49769

#1	4162.8	70288.	4063.8	92.875	4706.0
#2	4184.4	70823.	4056.8	92.567	4739.3

Sample Name: J5778-07LX5 Acquired: 11/6/2018 1:32:05 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7648 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00049	-.00051	.00142	-.00110	-.00113	.01206
Stddev	.00337	.00018	.00021	.00107	.00018	.00793	.00075
%RSD	475.32	36.776	40.425	75.577	16.600	699.03	6.2446

#1	.00309	-.00062	-.00036	.00066	-.00123	-.00674	.01259
#2	-.00167	-.00036	-.00066	.00218	-.00097	.00447	.01152

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00006	.14042	-.00056	-.00000	-.00020	-.00805
Stddev	.00001	.00004	.00356	.00019	.00026	.00027	.00832
%RSD	8.4251	71.008	2.5384	34.372	15232.	134.29	103.39

#1	-.00015	-.00009	.13790	-.00070	-.00019	-.00001	-.01394
#2	-.00017	-.00003	.14294	-.00043	.00018	-.00039	-.00216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	.07831	.00034	-.00026	.31839	.00024	.00377
Stddev	.00011	.00310	.00017	.00046	.00209	.00039	.00002
%RSD	1.9015	3.9550	49.649	174.37	.65563	158.19	.59538

#1	.00585	.07612	.00046	-.00059	.31987	-.00003	.00375
#2	.00601	.08050	.00022	.00006	.31692	.00052	.00378

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02030	.00028	.00002	.03257	.01840	.00008	-.00067
Stddev	.03825	.00009	.00311	.00104	.00228	.00046	.00115
%RSD	188.45	31.208	20229.	3.1801	12.373	574.71	172.10

#1	-.04735	.00034	.00221	.03330	.01679	.00041	.00014
#2	.00675	.00022	-.00218	.03184	.02001	-.00025	-.00148

Sample Name: J5778-07LX5 Acquired: 11/6/2018 1:32:05 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7648 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	.0032	.00067	2.1363	F<.00000
Stddev	.00085	.0014	.00004	.1263	.97594
%RSD	49.762	45.44	5.6392	5.9109	22.509

#1	-.00110	.0021	.00070	2.2256	-3.6456
#2	-.00230	.0042	.00064	2.0470	-5.0258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.2	68841.	3985.0	90.963	4578.8
Stddev	7.1	97.	10.5	.454	1.7
%RSD	.17467	.14058	.26253	.49881	.03630

#1	4050.2	68773.	3977.6	90.642	4577.7
#2	4060.2	68910.	3992.4	91.283	4580.0

Sample Name: CCV16 Acquired: 11/6/2018 1:36:12 Type: Unk
Method: P4-ICP2(v2549) 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	4.8906	5.1175	4.7470	4.8826	4.9171	10.074	10.243	.25409
Stddev	.0108	.0229	.0248	.0089	.0002	.043	.029	.00075
%RSD	.21995	.44811	.52275	.18304	.00436	.42670	.27964	.29374

#1	4.8982	5.1013	4.7295	4.8763	4.9170	10.044	10.223	.25356
#2	4.8829	5.1337	4.7646	4.8889	4.9173	10.105	10.263	.25461

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4212	25.442	1.0741	2.3901	1.2077	5.1529	2.5770	22.530
Stddev	.0105	.080	.0032	.0154	.0036	.0454	.0013	.120
%RSD	.43303	.31431	.29472	.64214	.30098	.88152	.05078	.53253

#1	2.4138	25.386	1.0718	2.3792	1.2052	5.1850	2.5760	22.445
#2	2.4286	25.499	1.0763	2.4009	1.2103	5.1208	2.5779	22.615

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3793	1.2819	26.411	2.5650	F 3.0397	25.750	4.9184	4.6169
Stddev	.0117	.0021	.102	.0031	.0325	.026	.0011	.0134
%RSD	.49262	.16456	.38684	.11975	1.0704	.10057	.02232	.29064

#1	2.3710	1.2834	26.339	2.5628	3.0627	25.732	4.9176	4.6074
#2	2.3876	1.2804	26.483	2.5671	3.0167	25.768	4.9191	4.6264

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8752	5.1310	4.8648	4.8419	5.3246	5.217	5.2214	F 3.7919
Stddev	.0126	.0148	.0203	.0103	.0116	.018	.0018	.1262
%RSD	.25873	.28872	.41711	.21166	.21695	.3357	.03372	3.3279

#1	4.8663	5.1205	4.8505	4.8346	5.3164	5.205	5.2201	3.8811
#2	4.8841	5.1415	4.8792	4.8491	5.3328	5.230	5.2226	3.7027

Sample Name: CCV16 Acquired: 11/6/2018 1:36:12 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7368
Stddev 1.0550
%RSD 60.744

#1 .99081
#2 2.4828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3843.1	65145.	3902.9	87.526	4010.0
Stddev	5.3	26.	7.8	1.032	8.5
%RSD	.13823	.04006	.19932	1.1793	.21296

#1	3839.3	65163.	3908.4	86.797	4016.1
#2	3846.9	65126.	3897.4	88.256	4004.0

Sample Name: CCB16 Acquired: 11/6/2018 1:39:59 Type: Unk
Method: P4-ICP2(v2549) 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	.00011	-.00031	-.00048	.00150	-.00121	-.01089	-.00011
Stddev	.00126	.00070	.00045	.00132	.00139	.01076	.00013
%RSD	1176.7	226.75	94.862	87.950	114.66	98.862	116.03

#1	-.00079	-.00080	-.00016	.00057	-.00219	-.00328	-.00020
#2	.00100	.00019	-.00080	.00244	-.00023	-.01850	-.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00004	.01714	-.00005	.00014	-.00001	.00310
Stddev	.00005	.00004	.01879	.00002	.00007	.00017	.00060
%RSD	28.624	90.725	109.66	31.243	49.390	1785.7	19.309

#1	-.00015	-.00007	.03043	-.00006	.00019	.00011	.00268
#2	-.00022	-.00001	.00385	-.00004	.00009	-.00013	.00352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.04053	.00037	-.00058	.06218	-.00008	.00007
Stddev	.00003	.05373	.00006	.00026	.00670	.00014	.00001
%RSD	183.87	132.57	16.970	44.990	10.775	186.38	13.999

#1	-.00003	-.00254	.00033	-.00077	.05744	.00002	.00007
#2	.00000	-.07852	.00042	-.00040	.06692	-.00018	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02054	.00082	.00210	-.00226	.00346	-.00010	-.00177
Stddev	.05306	.00028	.00067	.00123	.00452	.00126	.00077
%RSD	258.31	34.415	31.763	54.380	130.54	1232.7	43.286

#1	-.05806	.00101	.00258	-.00313	.00666	-.00099	-.00123
#2	.01698	.00062	.00163	-.00139	.00027	.00079	-.00231

Sample Name: CCB16 Acquired: 11/6/2018 1:39:59 Type: Unk
Method: P4-ICP2(v2549) 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	-.00098	.0023	.00003	F 2.5447	F<.00000
Stddev	.00320	.0011	.00007	.1929	1.2493
%RSD	327.61	47.33	248.38	7.5788	44.413

#1	-.00324	.0016	-.00002	2.6810	-3.6964
#2	.00129	.0031	.00008	2.4083	-1.9296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.9	67677.	3964.3	91.567	4541.6
Stddev	12.3	232.	3.5	.083	10.8
%RSD	.30500	.34298	.08748	.09009	.23855

#1	4008.3	67513.	3961.8	91.625	4534.0
#2	4025.6	67842.	3966.7	91.508	4549.3

Sample Name: J5778-07MS Acquired: 11/6/2018 1:44:06 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7648 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79599	2.1529	.97507	2.0251	.80687	2.0317	.26158
Stddev	.00225	.0079	.00255	.0056	.00170	.0160	.00228
%RSD	.28241	.36671	.26156	.27497	.21105	.78841	.87190

#1	.79440	2.1473	.97327	2.0211	.80567	2.0204	.25996
#2	.79758	2.1585	.97687	2.0290	.80808	2.0430	.26319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21169	.19751	1.5630	.45333	.19731	.31638	3.2273
Stddev	.00031	.00061	.0311	.00146	.00014	.00021	.0117
%RSD	.14651	.30783	1.9919	.32232	.07268	.06711	.36352

#1	.21147	.19708	1.5409	.45230	.19741	.31623	3.2190
#2	.21190	.19794	1.5850	.45436	.19721	.31653	3.2356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24317	2.0307	.49372	.07834	3.9501	.32295	.26256
Stddev	.00025	.0279	.00117	.00054	.0012	.00011	.00006
%RSD	.10192	1.3731	.23609	.68618	.02988	.03426	.02437

#1	.24299	2.0109	.49289	.07796	3.9493	.32303	.26251
#2	.24334	2.0504	.49454	.07872	3.9510	.32287	.26260

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.919	.41494	.30259	.11470	1.0734	.69568	.20250
Stddev	.032	.00082	.00418	.00002	.0056	.00430	.00093
%RSD	.29760	.19867	1.3818	.01361	.51820	.61750	.46055

#1	10.896	.41435	.30555	.11469	1.0695	.69265	.20316
#2	10.942	.41552	.29964	.11471	1.0774	.69872	.20184

Sample Name: J5778-07MS Acquired: 11/6/2018 1:44:06 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7648 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22734	6.047	.22482	1.6256	F<.00000
Stddev	.00117	.031	.00117	.0099	.27237
%RSD	.51469	.5070	.51917	.60968	5.5485

#1	.22651	6.026	.22400	1.6326	-4.7164
#2	.22817	6.069	.22565	1.6186	-5.1016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4093.7	69299.	4012.7	93.054	4519.9
Stddev	11.8	89.	10.6	.289	14.3
%RSD	.28712	.12849	.26457	.31029	.31647

#1	4085.4	69362.	4020.2	92.850	4509.8
#2	4102.1	69236.	4005.2	93.258	4530.1

Sample Name: J5778-07MSD Acquired: 11/6/2018 1:47:59 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14123 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78654	2.1296	.96363	2.0127	.80198	2.0389	.26040
Stddev	.00075	.0052	.00451	.0014	.00234	.0143	.00036
%RSD	.09477	.24373	.46756	.07167	.29182	.70351	.13668

#1	.78706	2.1259	.96045	2.0117	.80364	2.0491	.26015
#2	.78601	2.1333	.96682	2.0137	.80033	2.0288	.26065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21017	.19533	1.5526	.45165	.19466	.31393	3.2107
Stddev	.00022	.00021	.0157	.00142	.00063	.00051	.0461
%RSD	.10698	.10748	1.0136	.31444	.32363	.16220	1.4375

#1	.21001	.19518	1.5415	.45065	.19422	.31357	3.2433
#2	.21032	.19547	1.5637	.45266	.19511	.31429	3.1780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24192	2.0629	.48871	.07675	3.9254	.31936	.25836
Stddev	.00012	.0130	.00117	.00066	.0081	.00118	.00115
%RSD	.04889	.63050	.23838	.85645	.20591	.37080	.44635

#1	.24184	2.0537	.48789	.07628	3.9197	.32019	.25917
#2	.24200	2.0721	.48954	.07721	3.9311	.31852	.25754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.935	.41144	.30618	.11271	1.0647	.68662	.20050
Stddev	.004	.00019	.00329	.00176	.0087	.00295	.00007
%RSD	.03397	.04650	1.0748	1.5625	.81350	.42990	.03283

#1	10.937	.41130	.30851	.11396	1.0586	.68454	.20054
#2	10.932	.41157	.30386	.11147	1.0709	.68871	.20045

Sample Name: J5778-07MSD Acquired: 11/6/2018 1:47:59 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14123 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22528	6.000	.22400	1.9393	F<.00000
Stddev	.00113	.020	.00149	.2726	.49666
%RSD	.49964	.3312	.66308	14.055	12.749

#1	.22607	5.986	.22295	1.7465	-4.2469
#2	.22448	6.014	.22505	2.1320	-3.5445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.0	69402.	4013.9	94.008	4549.8
Stddev	6.0	167.	33.6	.271	2.8
%RSD	.14549	.24000	.83607	.28833	.06053

#1	4110.8	69519.	4037.6	93.817	4547.9
#2	4119.3	69284.	3990.2	94.200	4551.7

Sample Name: J5778-07A Acquired: 11/6/2018 1:51:51 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14123 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78808	2.1362	.96295	2.0089	.80034	2.0461	.26005
Stddev	.00072	.0004	.00061	.0018	.00298	.0403	.00009
%RSD	.09120	.01819	.06286	.08784	.37289	1.9688	.03513

#1	.78859	2.1359	.96338	2.0102	.79823	2.0746	.26012
#2	.78757	2.1365	.96252	2.0077	.80245	2.0176	.25999

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21039	.19563	1.5724	.45374	.19486	.31406	3.2262
Stddev	.00004	.00026	.0142	.00438	.00056	.00096	.0128
%RSD	.01740	.13374	.90254	.96622	.28795	.30673	.39689

#1	.21042	.19544	1.5624	.45684	.19446	.31474	3.2171
#2	.21036	.19581	1.5824	.45064	.19526	.31338	3.2353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24237	2.0287	.48947	.07702	3.9372	.32057	.25940
Stddev	.00087	.0292	.00016	.00002	.0089	.00038	.00303
%RSD	.35720	1.4414	.03225	.02357	.22726	.12004	1.1697

#1	.24298	2.0081	.48935	.07703	3.9435	.32030	.25725
#2	.24176	2.0494	.48958	.07700	3.9308	.32084	.26154

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.997	.41133	.31166	.11554	1.0672	.69023	.19987
Stddev	.002	.00022	.00171	.00371	.0073	.00134	.00011
%RSD	.02169	.05320	.54732	3.2140	.68644	.19372	.05697

#1	10.999	.41148	.31045	.11292	1.0620	.68928	.19979
#2	10.995	.41117	.31287	.11817	1.0723	.69118	.19995

Sample Name: J5778-07A Acquired: 11/6/2018 1:51:51 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14123 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22622	6.000	.22559	2.2538	F<.00000
Stddev	.00207	.002	.00049	.4131	1.0339
%RSD	.91613	.0406	.21510	18.330	30.084

#1	.22475	5.998	.22524	2.5460	-2.7057
#2	.22768	6.002	.22593	1.9617	-4.1679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.6	69291.	3999.4	93.396	4542.6
Stddev	14.2	568.	1.4	.689	13.4
%RSD	.34543	.81953	.03544	.73818	.29461

#1	4101.6	68890.	4000.4	93.883	4533.2
#2	4121.6	69693.	3998.4	92.908	4552.1

Sample Name: J5804-04 Acquired: 11/6/2018 1:55:42 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-DRUM-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00037	-.00045	.00068	-.00037	-.00979	.08490
Stddev	.00130	.00049	.00038	.00430	.00050	.01238	.00049
%RSD	236.08	131.40	84.915	636.54	133.71	126.44	.58291

#1	.00037	.00072	-.00018	.00372	-.00072	-.00104	.08455
#2	-.00147	.00003	-.00072	-.00236	-.00002	-.01855	.08525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00005	.50698	-.00054	.00016	.00531	.62250
Stddev	.00005	.00003	.01691	.00020	.00034	.00016	.01216
%RSD	35.638	62.544	3.3360	36.232	211.83	3.0054	1.9531

#1	-.00018	-.00003	.49502	-.00068	-.00008	.00542	.63110
#2	-.00011	-.00008	.51894	-.00040	.00040	.00520	.61390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00928	.08448	.00118	-.00041	.98013	.00003	.02108
Stddev	.00004	.05708	.00034	.00100	.00437	.00036	.00025
%RSD	.39912	67.568	28.573	246.39	.44594	1152.8	1.2003

#1	.00931	.04411	.00094	-.00111	.97703	.00029	.02126
#2	.00926	.12484	.00142	.00030	.98322	-.00023	.02090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04381	.00030	.02687	.29487	.08382	-.00014	.00585
Stddev	.01423	.00010	.00197	.00500	.00360	.00018	.00282
%RSD	32.481	33.308	7.3371	1.6961	4.2908	126.90	48.181

#1	.03375	.00023	.02548	.29134	.08127	-.00026	.00784
#2	.05387	.00038	.02827	.29841	.08636	-.00001	.00386

Sample Name: J5804-04 Acquired: 11/6/2018 1:55:42 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BS-DRUM-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00364	.0056	.00316	1.3509	F<.00000
Stddev	.00159	.0017	.00017	.2388	1.3369
%RSD	43.597	30.99	5.4209	17.678	74.599

#1	-.00476	.0044	.00303	1.1820	-.84676
#2	-.00252	.0069	.00328	1.5198	-2.7374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.5	70222.	4066.9	96.263	4678.2
Stddev	9.3	124.	8.9	.689	5.2
%RSD	.22518	.17669	.21868	.71620	.11170

#1	4128.0	70310.	4073.2	95.775	4674.5
#2	4141.1	70135.	4060.6	96.750	4681.9

Sample Name: PB114522BL Acquired: 11/6/2018 1:59:50 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114522BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	-.00071	-.00005	-.00105	-.00068	-.01450	.00051
Stddev	.00068	.00112	.00074	.00285	.00098	.00042	.00073
%RSD	44.050	156.74	1600.7	271.06	144.23	2.9181	143.53

#1	-.00201	-.00150	.00048	.00096	.00001	-.01420	-.00001
#2	-.00106	.00008	-.00057	-.00306	-.00138	-.01480	.00103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00000	.00235	-.00017	.00022	.00023	.00978
Stddev	.00002	.00001	.02245	.00029	.00006	.00006	.00050
%RSD	10.675	361.34	957.20	171.11	28.356	25.523	5.0595

#1	-.00014	-.00001	-.01353	-.00037	.00018	.00027	.00943
#2	-.00017	.00001	.01822	.00003	.00026	.00019	.01014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.03839	.00055	-.00006	.02804	.00047	.00020
Stddev	.00002	.01135	.00064	.00027	.00661	.00057	.00001
%RSD	207.95	29.570	117.03	457.72	23.582	121.75	6.0539

#1	-.00002	.04642	.00100	-.00025	.03271	.00006	.00020
#2	.00000	.03036	.00009	.00013	.02336	.00087	.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01423	.00028	.00248	-.00063	.00121	-.00027	-.00169
Stddev	.00889	.00030	.00324	.00106	.00209	.00024	.00233
%RSD	62.464	108.08	130.90	167.29	172.78	88.407	137.43

#1	-.00794	.00050	.00477	.00012	.00268	-.00010	-.00334
#2	-.02051	.00007	.00018	-.00138	-.00027	-.00043	-.00005

Sample Name: PB114522BL Acquired: 11/6/2018 1:59:50 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114522BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	.0029	.00001	F 2.0942	F<.00000
Stddev	.00033	.0011	.00000	.2180	1.1992
%RSD	16.122	36.51	73.035	10.409	49.141

#1	-.00180	.0021	.00000	2.2483	-3.2884
#2	-.00226	.0036	.00001	1.9401	-1.5924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3999.9	67842.	3962.6	92.642	4531.0
Stddev	16.0	115.	43.8	.295	9.7
%RSD	.40045	.16930	1.1051	.31803	.21352

#1	3988.6	67761.	3931.6	92.850	4524.2
#2	4011.3	67923.	3993.6	92.433	4537.9

Sample Name: PB114522BS Acquired: 11/6/2018 2:03:57 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114522BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83024	2.2460	1.0297	2.0565	.86499	2.2185	F .24035
Stddev	.00348	.0156	.0016	.0034	.00171	.0215	.00089
%RSD	.41917	.69225	.15926	.16346	.19775	.96774	.37061

#1	.82777	2.2350	1.0285	2.0541	.86619	2.2033	.23972
#2	.83270	2.2570	1.0309	2.0589	.86378	2.2337	.24098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21522	.20692	1.1920	F .49327	.21275	.33246	F 3.6671
Stddev	.00011	.00054	.0072	.00156	.00086	.00133	.0760
%RSD	.05009	.26154	.60295	.31711	.40294	.40133	2.0711

#1	.21515	.20654	1.1971	.49217	.21214	.33151	3.6134
#2	.21530	.20731	1.1869	.49438	.21335	.33340	3.7208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .24113	2.0848	.52913	.07907	F 3.8090	.35157	F .27336
Stddev	.00004	.0331	.00041	.00064	.0114	.00062	.00248
%RSD	.01672	1.5865	.07664	.81509	.30031	.17555	.90894

#1	.24110	2.0614	.52941	.07862	3.8009	.35201	.27160
#2	.24116	2.1082	.52884	.07953	3.8171	.35113	.27511

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.664	.46095	.32437	F .77137	1.0774	.74964	.22272
Stddev	.064	.00252	.00210	.00134	.0068	.00246	.00378
%RSD	.54957	.54607	.64797	.17405	.63406	.32838	1.6962

#1	11.619	.45917	.32289	.77042	1.0822	.74790	.22005
#2	11.710	.46273	.32586	.77232	1.0726	.75138	.22539

Sample Name: PB114522BS Acquired: 11/6/2018 2:03:57 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114522BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .24921	6.306	F .24372	F 4.8875	F<.00000
Stddev	.00100	.021	.00175	.2169	.22322
%RSD	.40257	.3380	.71936	4.4370	3.7241

#1	.24850	6.291	.24496	5.0409	-6.1518
#2	.24992	6.321	.24248	4.7342	-5.8361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.8	61502.	3558.5	79.629	3968.6
Stddev	3.4	235.	16.4	.454	10.6
%RSD	.09359	.38290	.46209	.56980	.26805

#1	3609.4	61335.	3546.8	79.950	3961.0
#2	3614.2	61668.	3570.1	79.308	3976.1

Sample Name: PB114522TB Acquired: 11/6/2018 2:07:51 Type: Unk
Method: P4-ICP2(v2549) 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	-.00248	-.00421	.00174	.00041	-.00030	-.00629	.00297	-.00020
Stddev	.00309	.00140	.00042	.00115	.00079	.00898	.00005	.00003
%RSD	124.39	33.287	24.184	283.15	260.55	142.72	1.7274	14.077
#1	-.00030	-.00520	.00204	-.00041	-.00087	.00006	.00301	-.00022
#2	-.00467	-.00322	.00144	.00122	.00026	-.01264	.00294	-.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.13802	.00097	.00003	.00076	.02233	.00793	.04752
Stddev	.00000	.00040	.00010	.00014	.00020	.01171	.00008	.03125
%RSD	2.6418	.28888	10.204	411.33	26.216	52.469	.95674	65.765
#1	-.00016	.13774	.00104	-.00007	.00062	.03061	.00798	.06961
#2	-.00015	.13830	.00090	.00013	.00090	.01404	.00788	.02542
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00432	.00184	F 432.63	-.00020	F .04404	.06582	.00029	.00627
Stddev	.00000	.00120	.43	.00036	.00047	.06653	.00003	.00056
%RSD	.07579	64.914	.09838	183.66	1.0629	101.07	12.039	8.9270
#1	.00432	.00100	432.33	-.00045	.04438	.01878	.00026	.00587
#2	.00432	.00269	432.94	.00006	.04371	.11286	.00031	.00667
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07804	.01785	.00532	-.00268	.00257	.0024	.00006	F 6.6186
Stddev	.00109	.00546	.00080	.00035	.00300	.0006	.00009	.0330
%RSD	1.3973	30.600	15.110	12.959	116.56	24.59	149.06	.49905
#1	.07726	.01399	.00475	-.00244	.00045	.0020	.00012	6.5952
#2	.07881	.02172	.00589	-.00293	.00469	.0028	-.00000	6.6419

Sample Name: PB114522TB Acquired: 11/6/2018 2:07:51 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .52145
Stddev	.32168
%RSD	61.689

#1	.74891
#2	.29399

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3397.3	56855.	3530.6	79.150	3501.4
Stddev	15.4	68.	6.0	1.214	12.8
%RSD	.45325	.11901	.17088	1.5336	.36507

#1	3386.4	56807.	3534.8	78.292	3492.4
#2	3408.2	56903.	3526.3	80.008	3510.5

Sample Name: J5812-04 Acquired: 11/6/2018 2:12:04 Type: Unk
Method: P4-ICP2(v2549) 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	.00052	-.00207	.00482	.00381	-.00177	.13860	.13622	-.00008
Stddev	.00008	.00033	.00051	.00493	.00095	.00445	.00042	.00003
%RSD	16.048	15.743	10.620	129.38	53.434	3.2116	.30509	38.399

#1	.00046	-.00184	.00519	.00032	-.00244	.14175	.13593	-.00006
#2	.00058	-.00230	.00446	.00730	-.00110	.13545	.13652	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	12.904	-.00073	.00488	.00793	.06838	.85129	.95399
Stddev	.00011	.026	.00021	.00021	.00040	.00953	.00013	.01545
%RSD	134.34	.20137	28.277	4.2985	5.0785	13.937	.01559	1.6200

#1	.00000	12.885	-.00088	.00503	.00764	.06164	.85138	.96492
#2	.00017	12.922	-.00059	.00473	.00821	.07512	.85119	.94306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00489	-.00032	354.04	.00036	.04079	1.3961	.00040	.00625
Stddev	.00001	.00045	1.38	.00013	.00094	.0120	.00000	.00854
%RSD	.27044	141.97	.38864	35.273	2.3127	.86160	1.1850	136.57

#1	.00490	-.00063	353.06	.00045	.04013	1.4046	.00040	.01229
#2	.00488	.00000	355.01	.00027	.04146	1.3876	.00040	.00021

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27089	.66839	.00139	-.00170	-.00168	.0118	.04259	4.2850
Stddev	.00061	.00259	.00066	.00069	.00127	.0019	.00011	.0715
%RSD	.22532	.38733	47.302	40.349	75.466	16.43	.26845	1.6677

#1	.27132	.66656	.00185	-.00122	-.00079	.0105	.04251	4.2345
#2	.27045	.67022	.00092	-.00219	-.00258	.0132	.04267	4.3356

Sample Name: J5812-04 Acquired: 11/6/2018 2:12:04 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8698
 Stddev .3842
 %RSD 13.387

#1 2.5982
 #2 3.1415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.7	61967.	3817.1	85.633	3839.5
Stddev	7.5	235.	33.0	1.662	15.3
%RSD	.20506	.37861	.86502	1.9405	.39816

#1	3675.3	61801.	3840.5	86.808	3828.7
#2	3686.0	62133.	3793.8	84.458	3850.3

Sample Name: J5812-04DUP Acquired: 11/6/2018 2:16:16 Type: Unk
Method: P4-ICP2(v2549) 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	-.00176	-.00431	.00582	.00474	.00096	.15642	.15403	-.00012
Stddev	.00199	.00056	.00039	.00238	.00077	.00048	.00093	.00006
%RSD	112.84	12.932	6.6501	50.151	80.411	.30724	.60385	48.783

#1	-.00317	-.00471	.00555	.00306	.00041	.15608	.15468	-.00008
#2	-.00036	-.00392	.00610	.00642	.00150	.15676	.15337	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	14.723	-.00001	.00590	.00887	.06654	.96527	1.0384
Stddev	.00002	.083	.00011	.00014	.00006	.00693	.00032	.0029
%RSD	44.652	.56357	1771.6	2.3314	.66243	10.420	.03348	.28368

#1	.00003	14.664	.00007	.00599	.00891	.06163	.96505	1.0363
#2	.00006	14.782	-.00008	.00580	.00883	.07144	.96550	1.0405

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	-.00048	386.10	-.00022	.04396	1.6980	.00039	.01508
Stddev	.00022	.00039	.34	.00029	.00058	.0076	.00023	.00231
%RSD	5.2829	80.044	.08683	133.61	1.3302	.44979	59.309	15.319

#1	.00403	-.00021	385.86	-.00001	.04437	1.6926	.00023	.01344
#2	.00434	-.00076	386.34	-.00043	.04354	1.7034	.00056	.01671

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29857	.75668	.00060	.00004	.00165	.0111	.04878	6.3823
Stddev	.00069	.00045	.00056	.00223	.00543	.0010	.00002	.0083
%RSD	.23226	.05890	92.782	5963.2	329.06	9.067	.03757	.12952

#1	.29906	.75700	.00021	.00161	.00549	.0118	.04879	6.3882
#2	.29808	.75637	.00099	-.00154	-.00219	.0104	.04877	6.3765

Sample Name: J5812-04DUP Acquired: 11/6/2018 2:16:16 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-ADUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1237
Stddev	.1077
%RSD	9.5846

#1	1.0476
#2	1.1999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.3	57188.	3544.7	78.225	3528.7
Stddev	6.4	170.	25.6	.931	7.7
%RSD	.18648	.29701	.72239	1.1902	.21841

#1	3417.8	57068.	3526.6	77.567	3523.2
#2	3408.8	57308.	3562.9	78.883	3534.1

Sample Name: J5812-04LX5 Acquired: 11/6/2018 2:20:27 Type: Unk
Method: P4-ICP2(v2549) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00130	.00126	.00139	-.00152	.01896	.02880
Stddev	.00244	.00017	.00047	.00073	.00116	.00035	.00087
%RSD	654.99	12.937	37.427	52.931	76.425	1.8350	3.0081

#1	.00210	-.00142	.00159	.00087	-.00070	.01921	.02941
#2	-.00135	-.00118	.00093	.00190	-.00235	.01872	.02819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00009	2.7107	-.00021	.00099	.00159	.00791
Stddev	.00002	.00006	.0269	.00030	.00018	.00039	.00714
%RSD	13.196	63.316	.99284	137.75	17.834	24.865	90.356

#1	-.00015	-.00005	2.6917	-.00042	.00112	.00131	.01296
#2	-.00018	-.00014	2.7297	-.00001	.00087	.00187	.00285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17966	.18743	.00045	-.00056	73.962	-.00012	.00978
Stddev	.00094	.00288	.00020	.00044	.110	.00010	.00001
%RSD	.52227	1.5377	43.411	77.989	.14891	84.034	.12853

#1	.18032	.18947	.00059	-.00025	74.040	-.00019	.00977
#2	.17900	.18539	.00031	-.00087	73.885	-.00005	.00979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25736	.00019	.00449	.05222	.14755	-.00031	-.00285
Stddev	.01487	.00006	.00321	.00192	.00074	.00055	.00036
%RSD	5.7767	30.018	71.456	3.6800	.50302	175.94	12.636

#1	.24685	.00015	.00676	.05086	.14702	.00008	-.00311
#2	.26787	.00023	.00222	.05358	.14807	-.00071	-.00260

Sample Name: J5812-04LX5 Acquired: 11/6/2018 2:20:27 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7650 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	.0051	.00890	3.6053	F<.00000
Stddev	.00116	.0001	.00007	.0181	1.7195
%RSD	95.441	1.861	.73859	.50303	113.93

#1	-.00040	.0051	.00886	3.5925	-2.7252
#2	-.00204	.0050	.00895	3.6181	-.29342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.3	64589.	3823.2	87.670	4112.9
Stddev	2.2	162.	12.7	.504	3.5
%RSD	.05830	.25004	.33236	.57521	.08547

#1	3822.8	64474.	3832.2	88.027	4110.4
#2	3825.9	64703.	3814.2	87.313	4115.4

Sample Name: CCV17 Acquired: 11/6/2018 2:24:34 Type: Unk
 Method: P4-ICP2(v2549) 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	4.8748	5.1323	4.7327	4.8658	4.9012	10.083	10.152	.25511
Stddev	.0108	.0134	.0089	.0028	.0060	.051	.051	.00153
%RSD	.22081	.26124	.18729	.05715	.12298	.50705	.50213	.59851

#1	4.8824	5.1228	4.7265	4.8678	4.8969	10.047	10.188	.25403
#2	4.8672	5.1418	4.7390	4.8638	4.9054	10.119	10.116	.25619

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4167	25.544	1.0791	2.3807	1.2008	5.0399	2.5889	22.571
Stddev	.0059	.091	.0024	.0043	.0030	.1035	.0085	.106
%RSD	.24512	.35563	.22694	.17973	.25005	2.0534	.32971	.46776

#1	2.4125	25.608	1.0809	2.3776	1.2029	5.1131	2.5829	22.496
#2	2.4208	25.479	1.0774	2.3837	1.1987	4.9667	2.5949	22.645

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3731	1.2919	26.420	2.5755	F 2.9889	25.600	4.8998	4.6306
Stddev	.0029	.0040	.130	.0049	.0743	.145	.0066	.0325
%RSD	.12295	.30758	.49230	.19114	2.4867	.56492	.13421	.70222

#1	2.3710	1.2891	26.512	2.5720	3.0414	25.702	4.9045	4.6536
#2	2.3752	1.2947	26.328	2.5790	2.9363	25.498	4.8952	4.6076

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8640	5.1566	4.8548	4.8160	5.3075	5.219	5.2189	F 3.7413
Stddev	.0034	.0473	.0068	.0069	.0443	.020	.0605	.0873
%RSD	.06943	.91644	.13955	.14381	.83549	.3736	1.1586	2.3327

#1	4.8616	5.1900	4.8500	4.8111	5.3388	5.205	5.2617	3.8030
#2	4.8664	5.1232	4.8596	4.8209	5.2761	5.233	5.1762	3.6796

Sample Name: CCV17 Acquired: 11/6/2018 2:24:34 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1236
Stddev .9913
%RSD 46.678

#1 2.8245
#2 1.4227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.4	64748.	3885.3	88.723	4016.6
Stddev	11.2	170.	38.7	2.334	.1
%RSD	.29061	.26219	.99652	2.6311	.00176

#1	3847.5	64628.	3857.9	87.072	4016.7
#2	3863.4	64869.	3912.6	90.373	4016.6

Sample Name: CCB17 Acquired: 11/6/2018 2:28:23 Type: Unk
Method: P4-ICP2(v2549) 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	-.00059	.00023	-.00066	-.00015	-.00160	-.00055	.00056
Stddev	.00197	.00018	.00018	.00274	.00083	.00035	.00029
%RSD	333.36	78.752	26.615	1861.6	52.140	63.375	51.656

#1	.00080	.00036	-.00079	.00179	-.00218	-.00030	.00036
#2	-.00198	.00010	-.00054	-.00209	-.00101	-.00079	.00077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00005	-.00430	-.00044	.00020	.00066	-.00279
Stddev	.00009	.00004	.02049	.00020	.00016	.00000	.00122
%RSD	75.868	75.747	475.95	46.788	78.003	.73519	43.896

#1	-.00018	-.00008	-.01879	-.00029	.00032	.00066	-.00192
#2	-.00005	-.00002	.01018	-.00058	.00009	.00066	-.00365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01970	.00035	-.00013	.05944	.00039	.00004
Stddev	.00003	.02360	.00020	.00029	.00930	.00007	.00004
%RSD	280.04	119.81	58.550	220.93	15.651	17.388	122.43

#1	.00003	.00301	.00021	.00007	.06601	.00034	.00007
#2	-.00001	.03638	.00049	-.00034	.05286	.00043	.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04719	.00068	.00455	-.00034	.00530	.00030	.00053
Stddev	.00533	.00014	.00379	.00056	.00522	.00014	.00109
%RSD	11.290	20.022	83.260	165.97	98.430	46.056	204.90

#1	-.05096	.00077	.00187	.00006	.00899	.00020	-.00024
#2	-.04343	.00058	.00723	-.00073	.00161	.00040	.00131

Sample Name: CCB17 Acquired: 11/6/2018 2:28:23 Type: Unk
 Method: P4-ICP2(v2549) 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	-.00213	.0026	.00004	F 2.4798	F<.00000
Stddev	.00000	.0019	.00009	.0197	.45810
%RSD	.11260	72.90	240.88	.79480	13.783
#1	-.00213	.0013	.00010	2.4938	-3.6477
#2	-.00213	.0040	-.00003	2.4659	-2.9998
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.2	67691.	3947.6	91.654	4529.6
Stddev	6.5	150.	6.4	.077	5.4
%RSD	.16151	.22231	.16243	.08358	.11942
#1	4004.6	67798.	3943.1	91.600	4525.7
#2	4013.8	67585.	3952.2	91.708	4533.4

Sample Name: J5812-04MS Acquired: 11/6/2018 2:32:31 Type: Unk
Method: P4-ICP2(v2549) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83848	2.1269	1.0051	2.1144	.82311	2.4371	.37960	.21897
Stddev	.00469	.0104	.0014	.0003	.00069	.0174	.00210	.00018
%RSD	.55976	.48886	.13566	.01571	.08425	.71542	.55301	.08340

#1	.83516	2.1343	1.0061	2.1142	.82360	2.4248	.38109	.21884
#2	.84180	2.1196	1.0042	2.1146	.82262	2.4494	.37812	.21910

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21101	15.477	.47427	.21651	.31648	3.4952	1.1545	2.9412
Stddev	.00026	.004	.00034	.00037	.00043	.0320	.0006	.0214
%RSD	.12144	.02502	.07073	.16933	.13560	.91656	.04785	.72750

#1	.21083	15.480	.47451	.21677	.31617	3.4725	1.1541	2.9261
#2	.21119	15.475	.47403	.21625	.31678	3.5178	1.1548	2.9564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52632	.07701	388.06	.34469	.29250	13.087	.43046	.31448
Stddev	.00006	.00070	4.04	.00071	.00191	.069	.00070	.00478
%RSD	.01168	.91315	1.0407	.20658	.65461	.52671	.16191	1.5187

#1	.52637	.07751	390.91	.34419	.29115	13.135	.42997	.31110
#2	.52628	.07651	385.20	.34520	.29385	13.038	.43096	.31786

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29775	1.7215	.73186	.21257	.24184	6.904	.27840	6.3897
Stddev	.00465	.0049	.00061	.00414	.00320	.032	.00180	.0907
%RSD	1.5630	.28609	.08349	1.9456	1.3252	.4587	.64776	1.4199

#1	.30104	1.7249	.73143	.21550	.24411	6.926	.27968	6.3255
#2	.29446	1.7180	.73230	.20965	.23958	6.881	.27713	6.4539

Sample Name: J5812-04MS Acquired: 11/6/2018 2:32:31 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-AMS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .29616
%RSD 299.29

#1 -.30837
#2 .11046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.7	57325.	3526.1	79.517	3513.1
Stddev	3.0	6.	24.0	.625	9.5
%RSD	.08857	.01007	.67954	.78551	.27130

#1	3425.5	57321.	3509.2	79.958	3506.4
#2	3429.8	57329.	3543.1	79.075	3519.9

Sample Name: J5812-04MSD Acquired: 11/6/2018 2:36:30 Type: Unk
Method: P4-ICP2(v2549) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84054	2.1259	1.0114	2.1056	.81539	2.4117	.37925	.21870
Stddev	.00366	.0088	.0030	.0051	.00044	.0073	.00021	.00093
%RSD	.43561	.41274	.29773	.24312	.05378	.30417	.05648	.42487

#1	.84313	2.1197	1.0135	2.1020	.81570	2.4065	.37910	.21936
#2	.83795	2.1321	1.0092	2.1092	.81508	2.4169	.37940	.21805

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21195	15.358	.47832	.21643	.31599	3.5326	1.1553	2.9751
Stddev	.00016	.001	.00077	.00065	.00113	.0812	.0026	.0091
%RSD	.07784	.00875	.16167	.29934	.35838	2.2998	.22795	.30510

#1	.21207	15.359	.47887	.21689	.31679	3.5901	1.1572	2.9687
#2	.21183	15.357	.47778	.21597	.31519	3.4752	1.1534	2.9815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52826	.07753	384.37	.34376	.29996	13.007	.42915	.31448
Stddev	.00032	.00007	3.11	.00207	.00521	.017	.00095	.00343
%RSD	.06095	.08966	.80942	.60248	1.7362	.12696	.22135	1.0904

#1	.52848	.07748	382.17	.34522	.30364	12.995	.42983	.31206
#2	.52803	.07758	386.57	.34229	.29627	13.018	.42848	.31691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29482	1.7441	.73277	.21093	.24449	6.888	.27664	6.5364
Stddev	.00141	.0002	.00232	.00470	.00025	.005	.00063	.1691
%RSD	.47977	.00993	.31667	2.2268	.10325	.0789	.22837	2.5868

#1	.29382	1.7440	.73441	.21425	.24467	6.892	.27709	6.6560
#2	.29582	1.7442	.73113	.20761	.24431	6.884	.27620	6.4169

Sample Name: J5812-04MSD Acquired: 11/6/2018 2:36:30 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-AMSD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .01047
 %RSD 1.8641

#1 -.55409
 #2 -.56889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.6	57425.	3528.6	77.783	3515.2
Stddev	3.5	93.	5.6	1.402	.4
%RSD	.10107	.16269	.15940	1.8030	.01218

#1	3437.1	57359.	3524.6	76.792	3514.9
#2	3442.0	57491.	3532.6	78.775	3515.5

Sample Name: J5812-04A Acquired: 11/6/2018 2:40:29 Type: Unk
 Method: P4-ICP2(v2549) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83835	2.1296	1.0070	2.1115	.82013	2.4092	.38060	.21938
Stddev	.00018	.0009	.0007	.0039	.00127	.0279	.00035	.00054
%RSD	.02188	.04354	.06567	.18437	.15455	1.1562	.09188	.24513
#1	.83822	2.1290	1.0065	2.1087	.81924	2.3895	.38085	.21900
#2	.83848	2.1303	1.0075	2.1142	.82103	2.4289	.38035	.21976
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21140	15.488	.47547	.21616	.31661	3.4843	1.1557	2.9618
Stddev	.00044	.120	.00403	.00014	.00028	.0581	.0040	.0039
%RSD	.20664	.77208	.84668	.06247	.08727	1.6678	.34295	.13286
#1	.21171	15.403	.47262	.21607	.31641	3.5254	1.1529	2.9590
#2	.21109	15.572	.47832	.21626	.31680	3.4432	1.1585	2.9646
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52868	.07799	380.13	.34530	.29115	13.087	.43009	.31432
Stddev	.00017	.00009	.26	.00003	.00776	.061	.00184	.01096
%RSD	.03297	.11168	.06907	.00760	2.6670	.46910	.42668	3.4884
#1	.52880	.07805	380.32	.34532	.29664	13.130	.42879	.30657
#2	.52855	.07793	379.94	.34528	.28566	13.043	.43139	.32207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28726	1.7217	.73093	.21172	.24243	6.913	.27768	6.2103
Stddev	.00445	.0091	.00415	.00087	.00018	.006	.00104	.0855
%RSD	1.5505	.52974	.56766	.41189	.07343	.0862	.37483	1.3773
#1	.29041	1.7282	.73386	.21234	.24231	6.917	.27695	6.1498
#2	.28411	1.7153	.72800	.21110	.24256	6.909	.27842	6.2708

Sample Name: J5812-04A Acquired: 11/6/2018 2:40:29 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7650 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .55260
%RSD 175.74

#1 .07631
#2 -.70519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.2	57558.	3532.6	80.221	3525.3
Stddev	8.6	85.	8.0	2.540	29.7
%RSD	.25114	.14742	.22737	3.1659	.84307

#1	3427.1	57618.	3526.9	78.425	3504.3
#2	3439.3	57498.	3538.3	82.017	3546.3

Sample Name: J5812-08 Acquired: 11/6/2018 2:44:29 Type: Unk
Method: P4-ICP2(v2549) 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	-.00346	-.00326	.00460	.00481	-.00117	.14704	.14079	-.00009
Stddev	.00100	.00092	.00027	.00034	.00072	.00426	.00102	.00009
%RSD	29.041	28.348	5.9602	7.1453	61.304	2.8963	.72716	100.40

#1	-.00417	-.00261	.00441	.00506	-.00066	.14403	.14152	-.00016
#2	-.00275	-.00391	.00480	.00457	-.00167	.15005	.14007	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	11.107	.00004	.00508	.00895	.08443	.85361	1.0888
Stddev	.00003	.008	.00025	.00012	.00072	.02059	.00083	.0444
%RSD	78.374	.07245	717.02	2.2771	7.9859	24.383	.09687	4.0820

#1	.00007	11.113	.00021	.00516	.00845	.09899	.85303	1.0573
#2	.00002	11.102	-.00014	.00500	.00946	.06987	.85420	1.1202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	-.00024	389.59	.00027	.03828	1.4109	.00082	.01560
Stddev	.00032	.00039	1.75	.00022	.00097	.0597	.00004	.00222
%RSD	10.375	162.11	.44937	81.556	2.5316	4.2283	4.9900	14.198

#1	.00332	-.00052	390.83	.00042	.03759	1.3687	.00085	.01717
#2	.00286	.00004	388.36	.00011	.03896	1.4530	.00079	.01404

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27581	.66090	.00194	.00009	.00194	.0073	.04084	6.1959
Stddev	.00140	.00597	.00038	.00142	.00166	.0014	.00031	.0578
%RSD	.50668	.90321	19.678	1669.8	85.681	19.45	.76107	.93227

#1	.27482	.65668	.00221	.00109	.00076	.0083	.04062	6.2368
#2	.27680	.66512	.00167	-.00092	.00312	.0063	.04106	6.1551

Sample Name: J5812-08 Acquired: 11/6/2018 2:44:29 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .69386
 Stddev .57792
 %RSD 83.291

#1 1.1025
 #2 .28521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.6	57356.	3534.7	77.788	3529.2
Stddev	2.2	134.	3.1	1.632	12.3
%RSD	.06502	.23417	.08820	2.0983	.34759

#1	3421.2	57261.	3532.5	78.942	3520.6
#2	3418.1	57451.	3536.9	76.633	3537.9

Sample Name: J5812-12 Acquired: 11/6/2018 2:48:41 Type: Unk
 Method: P4-ICP2(v2549) 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	-.00192	-.00454	.00414	.00491	-.00046	.07241	.28174	-.00003
Stddev	.00038	.00133	.00019	.00078	.00006	.00082	.00146	.00001
%RSD	19.978	29.272	4.4858	15.878	13.552	1.1378	.51888	27.958

#1	-.00219	-.00360	.00401	.00436	-.00050	.07183	.28071	-.00004
#2	-.00165	-.00548	.00427	.00546	-.00041	.07299	.28277	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	11.025	-.00043	.00725	.01233	.22240	2.4131	1.4188
Stddev	.00002	.070	.00015	.00011	.00043	.01989	.0050	.0290
%RSD	16.632	.63861	33.647	1.5844	3.4602	8.9432	.20579	2.0474

#1	.00012	10.975	-.00033	.00733	.01263	.20834	2.4166	1.3983
#2	.00015	11.074	-.00053	.00717	.01203	.23647	2.4096	1.4393

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00508	.00031	364.33	.00009	.04394	.72667	.00011	.01660
Stddev	.00025	.00016	1.21	.00013	.00239	.05442	.00037	.00158
%RSD	4.9870	50.609	.33349	146.74	5.4505	7.4889	349.34	9.5270

#1	.00490	.00042	363.47	.00017	.04225	.68819	-.00016	.01548
#2	.00526	.00020	365.19	-.00000	.04563	.76515	.00037	.01772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11626	.44991	.00114	-.00113	.00216	.0092	.02877	6.3492
Stddev	.00128	.00563	.00112	.00226	.00043	.0002	.00015	.0971
%RSD	1.1034	1.2519	98.314	198.80	20.083	2.704	.53623	1.5292

#1	.11717	.44593	.00035	.00046	.00247	.0094	.02866	6.4179
#2	.11536	.45389	.00193	-.00273	.00185	.0090	.02888	6.2805

Sample Name: J5812-12 Acquired: 11/6/2018 2:48:41 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP2-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .40743
 Stddev .63830
 %RSD 156.66

#1 .85878
 #2 -.04391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.2	57572.	3574.6	79.842	3560.8
Stddev	16.3	279.	25.6	4.278	25.5
%RSD	.47043	.48473	.71653	5.3581	.71746

#1	3448.7	57374.	3592.7	82.867	3542.8
#2	3471.7	57769.	3556.5	76.817	3578.9

Sample Name: J5812-16 Acquired: 11/6/2018 2:52:53 Type: Unk
Method: P4-ICP2(v2549) 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	.00024	-.00549	.00623	.00753	-.00165	.09907	.23313	-.00006
Stddev	.00021	.00075	.00142	.00113	.00010	.00767	.00094	.00003
%RSD	87.647	13.586	22.704	14.952	6.1516	7.7375	.40126	49.267

#1	.00039	-.00497	.00523	.00673	-.00158	.09365	.23379	-.00008
#2	.00009	-.00602	.00723	.00832	-.00172	.10449	.23247	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	8.9800	-.00010	.00586	.01419	.33361	2.1189	1.0733
Stddev	.00008	.0270	.00056	.00007	.00011	.00566	.0020	.0100
%RSD	622.01	.30067	586.26	1.1923	.77104	1.6975	.09398	.92954

#1	-.00004	8.9991	-.00049	.00581	.01412	.33761	2.1175	1.0803
#2	.00007	8.9609	.00030	.00591	.01427	.32960	2.1203	1.0662

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	-.00021	379.53	.00004	.02903	.82606	.00033	.00936
Stddev	.00034	.00062	1.82	.00006	.00026	.05032	.00013	.00026
%RSD	7.7228	289.95	.47905	144.16	.89773	6.0915	40.125	2.8158

#1	.00460	.00023	380.81	.00009	.02921	.86164	.00042	.00955
#2	.00412	-.00066	378.24	-.00000	.02884	.79048	.00023	.00917

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07529	.44387	.00147	.00102	.00258	.0088	.02464	6.3492
Stddev	.00627	.00861	.00019	.00005	.00115	.0008	.00005	.0903
%RSD	8.3240	1.9400	12.924	5.3952	44.670	9.437	.18524	1.4218

#1	.07086	.44996	.00134	.00098	.00177	.0082	.02461	6.4130
#2	.07972	.43778	.00161	.00106	.00340	.0093	.02468	6.2854

Sample Name: J5812-16 Acquired: 11/6/2018 2:52:53 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6187
Stddev	1.2128
%RSD	74.926

#1	.76112
#2	2.4763

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.7	57456.	3560.5	80.063	3544.7
Stddev	5.1	60.	51.0	1.196	6.7
%RSD	.14673	.10491	1.4321	1.4941	.18918

#1	3456.3	57413.	3524.5	79.217	3549.4
#2	3449.1	57499.	3596.6	80.908	3539.9

Sample Name: J5812-20 Acquired: 11/6/2018 2:57:05 Type: Unk
Method: P4-ICP2(v2549) 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	-.00307	-.00392	-.00044	.00795	.00048	.11734	.31483	-.00015
Stddev	.00047	.00246	.00012	.00067	.00092	.00182	.00109	.00003
%RSD	15.484	62.656	27.628	8.4459	191.80	1.5530	.34668	22.416

#1	-.00273	-.00218	-.00053	.00747	-.00017	.11863	.31560	-.00013
#2	-.00340	-.00566	-.00035	.00842	.00113	.11605	.31406	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	7.5338	-.00177	.00718	.01593	17.195	2.7048	1.0828
Stddev	.00003	.0325	.00024	.00015	.00069	.032	.0004	.0275
%RSD	3.5309	.43124	13.670	2.0899	4.3401	.18613	.01415	2.5387

#1	-.00070	7.5567	-.00160	.00708	.01544	17.218	2.7045	1.1023
#2	-.00073	7.5108	-.00194	.00729	.01642	17.173	2.7050	1.0634

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	-.00093	351.45	.00053	.04695	.43929	.00010	.01631
Stddev	.00018	.00057	1.21	.00039	.00027	.02196	.00000	.00743
%RSD	7.1992	61.833	.34392	73.381	.57202	4.9999	.00450	45.534

#1	.00236	-.00052	350.59	.00081	.04676	.45482	.00010	.02156
#2	.00262	-.00133	352.30	.00026	.04714	.42376	.00010	.01106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12748	.76772	.00160	.00034	.00198	.0097	.01316	6.2198
Stddev	.00304	.01090	.00071	.00125	.00008	.0019	.00004	.0237
%RSD	2.3845	1.4195	44.387	368.97	4.1448	20.01	.30245	.38124

#1	.12533	.76002	.00110	-.00054	.00203	.0083	.01319	6.2030
#2	.12963	.77543	.00211	.00122	.00192	.0111	.01313	6.2366

Sample Name: J5812-20 Acquired: 11/6/2018 2:57:05 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.4495
Stddev	.4723
%RSD	4.9982

#1	9.7835
#2	9.1155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.2	57602.	3552.1	79.021	3570.6
Stddev	.5	66.	26.5	.418	5.5
%RSD	.01400	.11508	.74542	.52944	.15359

#1	3482.5	57555.	3570.8	79.317	3574.5
#2	3481.8	57649.	3533.4	78.725	3566.8

Sample Name: J5812-24 Acquired: 11/6/2018 3:01:17 Type: Unk
Method: P4-ICP2(v2549) 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	-.00198	-.00432	.00354	.00514	-.00212	.06886	.21074	-.00010
Stddev	.00238	.00031	.00100	.00139	.00022	.00011	.00071	.00001
%RSD	120.16	7.2887	28.240	27.004	10.436	.16262	.33662	14.131

#1	-.00030	-.00454	.00424	.00612	-.00196	.06878	.21124	-.00009
#2	-.00367	-.00410	.00283	.00416	-.00227	.06894	.21024	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	7.8670	-.00038	.00495	.00930	5.1212	2.1539	1.1766
Stddev	.00004	.0389	.00008	.00005	.00036	.0192	.0215	.0102
%RSD	13.170	.49460	21.472	.97523	3.9008	.37472	.99710	.86326

#1	-.00031	7.8394	-.00043	.00492	.00955	5.1348	2.1387	1.1838
#2	-.00026	7.8945	-.00032	.00498	.00904	5.1077	2.1691	1.1694

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00016	389.18	.00021	.02907	.35534	.00042	.01265
Stddev	.00028	.00097	3.89	.00003	.00015	.02583	.00017	.01072
%RSD	11.906	598.37	.99832	14.236	.51755	7.2685	40.952	84.716

#1	.00217	.00052	391.93	.00018	.02917	.33708	.00055	.00507
#2	.00257	-.00085	386.43	.00023	.02896	.37361	.00030	.02023

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09401	1.0286	.00159	-.00115	.00136	.0094	.02620	6.3927
Stddev	.00333	.0036	.00081	.00186	.00135	.0008	.00026	.2472
%RSD	3.5434	.35010	51.171	160.72	99.141	8.221	1.0028	3.8674

#1	.09636	1.0311	.00216	-.00247	.00041	.0099	.02639	6.2179
#2	.09165	1.0260	.00101	.00016	.00231	.0088	.02602	6.5676

Sample Name: J5812-24 Acquired: 11/6/2018 3:01:17 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.7115
Stddev	.1343
%RSD	2.8508

#1	4.8064
#2	4.6165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.5	57423.	3542.4	77.508	3538.1
Stddev	20.9	368.	29.8	.931	21.2
%RSD	.61113	.64058	.84137	1.2012	.60020

#1	3407.7	57683.	3521.3	76.850	3523.1
#2	3437.3	57163.	3563.4	78.167	3553.2

Sample Name: J5812-28 Acquired: 11/6/2018 3:05:29 Type: Unk
Method: P4-ICP2(v2549) 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	-.00193	-.00375	.00709	.00459	-.00173	.13851	.24410	-.00011
Stddev	.00190	.00073	.00064	.00068	.00183	.00696	.00190	.00000
%RSD	98.279	19.494	9.0881	14.904	105.76	5.0283	.77702	4.2275

#1	-.00328	-.00323	.00663	.00411	-.00044	.13358	.24276	-.00011
#2	-.00059	-.00427	.00754	.00508	-.00303	.14343	.24544	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	32.925	-.00053	.00473	.00925	1.6492	1.8273	1.2872
Stddev	.00006	.204	.00042	.00002	.00063	.0102	.0130	.0110
%RSD	377.69	.61822	80.683	.45691	6.7978	.61781	.71165	.85155

#1	.00006	32.781	-.00082	.00471	.00881	1.6420	1.8181	1.2794
#2	-.00003	33.069	-.00023	.00474	.00970	1.6564	1.8365	1.2949

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00392	-.00003	354.52	-.00029	.04229	1.0321	.00042	.01145
Stddev	.00009	.00008	.98	.00022	.00110	.0617	.00020	.00564
%RSD	2.2302	270.19	.27649	78.829	2.6018	5.9737	48.525	49.282

#1	.00398	-.00008	355.22	-.00044	.04307	1.0757	.00027	.01544
#2	.00386	.00003	353.83	-.00013	.04151	.98854	.00056	.00746

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21102	.61673	.00207	.00066	.00253	.0076	.14837	6.1786
Stddev	.00165	.00697	.00057	.00122	.00351	.0015	.00040	.1522
%RSD	.78122	1.1294	27.613	184.17	139.12	20.25	.27148	2.4636

#1	.21218	.61180	.00167	-.00020	.00501	.0065	.14808	6.0710
#2	.20985	.62165	.00248	.00152	.00004	.0087	.14865	6.2863

Sample Name: J5812-28 Acquired: 11/6/2018 3:05:29 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP4-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0655
 Stddev .9605
 %RSD 31.333

#1 3.7446
 #2 2.3863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.0	57895.	3579.3	78.338	3548.6
Stddev	1.2	265.	9.1	1.892	8.2
%RSD	.03417	.45760	.25341	2.4146	.23118

#1	3464.1	58082.	3572.8	77.000	3542.8
#2	3465.8	57708.	3585.7	79.675	3554.4

Sample Name: J5812-32 Acquired: 11/6/2018 3:09:41 Type: Unk
Method: P4-ICP2(v2549) 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	-.00304	-.00402	.00249	.00756	.00042	.13805	.22799	-.00003
Stddev	.00057	.00049	.00033	.00328	.00081	.00318	.00070	.00002
%RSD	18.627	12.276	13.418	43.379	194.51	2.3071	.30822	82.500

#1	-.00344	-.00437	.00225	.00987	.00099	.13579	.22848	-.00004
#2	-.00264	-.00367	.00273	.00524	-.00016	.14030	.22749	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	18.542	.00036	.00606	.00932	1.1336	1.8817	1.5489
Stddev	.00000	.013	.00061	.00021	.00007	.0051	.0001	.0739
%RSD	1.5228	.06800	168.43	3.4202	.77372	.44695	.00297	4.7688

#1	.00020	18.533	-.00007	.00621	.00937	1.1300	1.8817	1.4967
#2	.00021	18.551	.00079	.00591	.00927	1.1372	1.8818	1.6011

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	-.00087	372.57	-.00017	.06221	.86504	.00006	.00829
Stddev	.00017	.00023	.08	.00012	.00012	.07566	.00012	.00817
%RSD	3.8213	26.849	.02104	67.743	.19226	8.7465	214.93	98.502

#1	.00424	-.00103	372.62	-.00026	.06229	.81154	-.00003	.00252
#2	.00448	-.00070	372.51	-.00009	.06212	.91853	.00015	.01407

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22360	.75490	.00159	.00155	.00260	.0085	.07143	6.5247
Stddev	.00046	.00995	.00082	.00014	.00076	.0011	.00025	.0633
%RSD	.20720	1.3176	51.448	9.0637	29.334	12.93	.35351	.97021

#1	.22393	.74787	.00217	.00146	.00206	.0092	.07125	6.5694
#2	.22328	.76194	.00101	.00165	.00314	.0077	.07161	6.4799

Sample Name: J5812-32 Acquired: 11/6/2018 3:09:41 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2173
Stddev .5577
%RSD 25.155

#1 1.8229
#2 2.6116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3412.3	57372.	3531.8	77.133	3527.7
Stddev	14.5	187.	3.9	.247	15.4
%RSD	.42425	.32660	.11157	.32086	.43573

#1	3402.1	57240.	3534.6	76.958	3516.9
#2	3422.5	57505.	3529.0	77.308	3538.6

Sample Name: CCV18 Acquired: 11/6/2018 3:13:53 Type: Unk
Method: P4-ICP2(v2549) 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	4.8663	5.1199	4.7221	4.8446	4.8938	9.9645	10.194	.25414
Stddev	.0117	.0034	.0013	.0048	.0094	.0561	.039	.00007
%RSD	.24060	.06736	.02655	.09900	.19133	.56351	.38042	.02778
#1	4.8580	5.1174	4.7230	4.8480	4.9004	10.004	10.167	.25409
#2	4.8746	5.1223	4.7212	4.8412	4.8872	9.9248	10.221	.25419
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4145	25.632	1.0807	2.3773	1.2033	5.2144	2.5834	F 22.454
Stddev	.0030	.066	.0004	.0047	.0019	.1680	.0002	.017
%RSD	.12520	.25759	.03559	.19796	.16232	3.2225	.00890	.07509
#1	2.4124	25.678	1.0804	2.3739	1.2019	5.0956	2.5835	22.442
#2	2.4167	25.585	1.0810	2.3806	1.2046	5.3332	2.5832	22.465
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3666	1.2878	26.476	2.5714	F 3.1064	25.770	4.9036	4.6431
Stddev	.0054	.0007	.111	.0008	.1095	.082	.0008	.0022
%RSD	.23001	.05346	.41900	.03074	3.5264	.31838	.01675	.04674
#1	2.3628	1.2873	26.398	2.5709	3.0289	25.712	4.9030	4.6415
#2	2.3705	1.2883	26.555	2.5720	3.1838	25.828	4.9042	4.6446
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8473	5.1927	4.8537	4.8208	5.3396	5.214	5.2302	F 3.5220
Stddev	.0033	.0139	.0128	.0130	.0303	.011	.0257	.0391
%RSD	.06842	.26775	.26422	.26951	.56829	.2038	.49142	1.1086
#1	4.8497	5.1829	4.8446	4.8300	5.3182	5.206	5.2120	3.4944
#2	4.8450	5.2025	4.8628	4.8116	5.3611	5.221	5.2484	3.5496

Sample Name: CCV18 Acquired: 11/6/2018 3:13:53 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14125 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9004
Stddev	1.1416
%RSD	39.361

#1	2.0931
#2	3.7076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.8	65253.	3866.7	85.716	4040.3
Stddev	2.7	185.	4.0	3.005	1.7
%RSD	.07006	.28367	.10308	3.5064	.04099

#1	3870.9	65123.	3869.5	87.842	4041.5
#2	3874.8	65384.	3863.9	83.591	4039.1

Sample Name: CCB18 Acquired: 11/6/2018 3:17:41 Type: Unk
 Method: P4-ICP2(v2549) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00027	-.00053	.00114	-.00211	-.01537	.00076
Stddev	.00224	.00036	.00087	.00013	.00112	.00360	.00102
%RSD	429.31	132.69	163.47	11.051	53.166	23.438	134.13

#1	.00106	.00002	-.00115	.00106	-.00132	-.01282	.00004
#2	-.00210	.00053	.00008	.00123	-.00290	-.01792	.00148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00010	.01441	-.00043	-.00005	.00016	.01142
Stddev	.00006	.00003	.01397	.00022	.00008	.00002	.00136
%RSD	48.371	28.800	96.945	51.925	160.09	9.7818	11.879

#1	-.00009	-.00012	.02429	-.00059	.00001	.00017	.01238
#2	-.00017	-.00008	.00453	-.00027	-.00010	.00015	.01046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00725	.00033	-.00095	.12740	-.00022	.00028
Stddev	.00005	.00329	.00002	.00026	.00434	.00018	.00006
%RSD	63.236	45.432	7.1487	27.893	3.4103	84.015	22.889

#1	.00004	-.00492	.00035	-.00113	.13047	-.00035	.00024
#2	.00011	-.00958	.00031	-.00076	.12433	-.00009	.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02854	.00060	.00731	-.00426	.00400	-.00046	-.00385
Stddev	.06416	.00004	.00509	.00027	.00115	.00022	.00254
%RSD	224.82	6.7688	69.711	6.3718	28.794	47.976	66.157

#1	-.07391	.00057	.00371	-.00445	.00318	-.00062	-.00205
#2	.01683	.00062	.01091	-.00407	.00481	-.00030	-.00565

Sample Name: CCB18 Acquired: 11/6/2018 3:17:41 Type: Unk
 Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14125 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.0034	-.00010	F 2.1342	F<.00000
Stddev	.00050	.0013	.00004	.1420	1.4528
%RSD	913.60	38.74	34.243	6.6530	76.385

#1	.00030	.0043	-.00013	2.2346	-.87462
#2	-.00041	.0024	-.00008	2.0338	-2.9291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4011.9	67759.	3914.4	91.804	4528.7
Stddev	9.1	220.	46.6	1.656	11.7
%RSD	.22681	.32496	1.1917	1.8036	.25823

#1	4005.4	67604.	3881.4	92.975	4520.5
#2	4018.3	67915.	3947.4	90.633	4537.0

Sample Name: J5815-02 Acquired: 11/6/2018 3:21:49 Type: Unk
Method: P4-ICP2(v2549) 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	-.00207	-.00381	.00746	.00651	-.00367	.30013	.13226	-.00002
Stddev	.00084	.00050	.00093	.00218	.00131	.00849	.00110	.00000
%RSD	40.457	13.179	12.477	33.472	35.810	2.8287	.83279	3.9102

#1	-.00148	-.00345	.00680	.00497	-.00460	.29413	.13304	-.00002
#2	-.00266	-.00416	.00812	.00805	-.00274	.30613	.13148	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	53.452	.15435	.00400	.00416	.05673	.05030	2.6256
Stddev	.00005	.129	.00123	.00028	.00032	.00380	.00038	.0033
%RSD	32.208	.24213	.79394	7.0879	7.5883	6.7028	.76106	.12560

#1	-.00013	53.543	.15349	.00380	.00438	.05942	.05002	2.6232
#2	-.00020	53.360	.15522	.00420	.00394	.05404	.05057	2.6279

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02554	-.00001	401.70	.00120	.03434	.41826	.00062	.01029
Stddev	.00012	.00036	3.97	.00029	.00050	.00177	.00014	.00161
%RSD	.47944	3551.4	.98866	23.919	1.4479	.42266	23.375	15.658

#1	.02545	.00024	404.51	.00100	.03399	.41951	.00052	.00915
#2	.02562	-.00027	398.89	.00141	.03469	.41701	.00072	.01143

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78603	1.6773	.00090	.00045	.00674	.0252	.14249	6.2217
Stddev	.00004	.0014	.00033	.00109	.00321	.0018	.00067	.3125
%RSD	.00526	.08642	36.645	245.34	47.581	6.982	.47143	5.0223

#1	.78606	1.6763	.00113	-.00033	.00447	.0265	.14296	6.4427
#2	.78600	1.6783	.00066	.00122	.00901	.0240	.14201	6.0008

Sample Name: J5815-02 Acquired: 11/6/2018 3:21:49 Type: Unk
Method: P4-ICP2(v2549) 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 2.6320
Stddev .4182
%RSD 15.888

#1 2.3363
#2 2.9277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.1	56610.	3535.6	77.650	3482.1
Stddev	17.7	70.	34.5	.566	13.3
%RSD	.52090	.12318	.97498	.72851	.38208

#1	3378.6	56561.	3511.2	78.050	3472.7
#2	3403.6	56659.	3560.0	77.250	3491.5

Sample Name: J5815-04 Acquired: 11/6/2018 3:26:00 Type: Unk
 Method: P4-ICP2(v2549) 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	-.00240	-.00406	.00426	.00748	-.00388	.13560	.14325	-.00003
Stddev	.00038	.00003	.00031	.00203	.00100	.00854	.00035	.00004
%RSD	15.822	.75489	7.2367	27.130	25.754	6.2975	.24358	122.01

#1	-.00213	-.00404	.00447	.00892	-.00317	.14163	.14300	-.00000
#2	-.00267	-.00409	.00404	.00605	-.00459	.12956	.14350	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	153.73	.40839	.00721	.00209	-.00806	.07545	4.6783
Stddev	.00009	.64	.00054	.00031	.00016	.00379	.00024	.0554
%RSD	47.076	.41847	.13266	4.2763	7.4898	47.097	.31400	1.1847

#1	-.00012	153.27	.40878	.00699	.00220	-.00537	.07561	4.6391
#2	-.00024	154.18	.40801	.00743	.00198	-.01074	.07528	4.7175

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05374	-.00050	401.39	.00218	.02677	.81330	.00047	.05465
Stddev	.00053	.00078	.99	.00001	.00018	.05481	.00021	.00248
%RSD	.98454	157.05	.24568	.48587	.68788	6.7394	44.993	4.5472

#1	.05337	-.00105	402.09	.00219	.02664	.85206	.00062	.05289
#2	.05411	.00005	400.69	.00217	.02690	.77454	.00032	.05640

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7066	4.8761	-.00015	-.00533	.00997	.0093	.35960	6.4415
Stddev	.0037	.0133	.00091	.00141	.00092	.0022	.00119	.1605
%RSD	.07967	.27352	596.56	26.410	9.2057	23.73	.33139	2.4915

#1	4.7093	4.8855	-.00080	-.00434	.01062	.0078	.35876	6.3280
#2	4.7040	4.8666	.00049	-.00633	.00932	.0109	.36044	6.5550

Sample Name: J5815-04 Acquired: 11/6/2018 3:26:00 Type: Unk
 Method: P4-ICP2(v2549) 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	2.9646
Stddev	.2243
%RSD	7.5661

#1	2.8060
#2	3.1232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.2	56376.	3535.1	77.259	3409.2
Stddev	19.1	61.	14.0	.234	17.6
%RSD	.57164	.10788	.39740	.30309	.51533
#1	3326.7	56333.	3525.2	77.094	3396.8
#2	3353.7	56419.	3545.0	77.425	3421.6

Sample Name: J5815-06 Acquired: 11/6/2018 3:30:11 Type: Unk
Method: P4-ICP2(v2549) 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	-.00294	-.00423	.00460	.00303	.00098	.30212	.07370	-.00022
Stddev	.00057	.00115	.00096	.00049	.00057	.00813	.00057	.00011
%RSD	19.265	27.081	20.947	16.040	58.663	2.6908	.77015	47.594

#1	-.00334	-.00342	.00392	.00269	.00057	.29637	.07330	-.00030
#2	-.00254	-.00504	.00528	.00337	.00139	.30787	.07410	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	3.5512	.00539	-.00013	.00373	.08767	.00565	.17588
Stddev	.00002	.0186	.00051	.00018	.00036	.01370	.00002	.03042
%RSD	30.582	.52378	9.5079	141.77	9.6378	15.624	.37369	17.296

#1	-.00004	3.5380	.00503	.00000	.00347	.09736	.00566	.19739
#2	-.00006	3.5643	.00576	-.00026	.00398	.07799	.00563	.15437

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00029	388.45	-.00002	.02395	.40615	.00051	.01387
Stddev	.00008	.00073	3.00	.00002	.00026	.04556	.00001	.00969
%RSD	5.4545	249.95	.77102	99.294	1.0987	11.218	1.7981	69.874

#1	.00147	.00022	390.57	-.00004	.02413	.43837	.00051	.00702
#2	.00158	-.00081	386.34	-.00001	.02376	.37394	.00052	.02073

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09987	.56009	.00137	.00379	.00288	.0075	.02509	6.0523
Stddev	.00047	.00613	.00037	.00070	.00141	.0008	.00017	.0763
%RSD	.47340	1.0942	26.828	18.381	48.935	11.13	.66006	1.2602

#1	.09954	.56442	.00163	.00330	.00388	.0081	.02520	5.9984
#2	.10021	.55575	.00111	.00429	.00188	.0069	.02497	6.1063

Sample Name: J5815-06 Acquired: 11/6/2018 3:30:11 Type: Unk
 Method: P4-ICP2(v2549) 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 <.00000
 Stddev .25165
 %RSD 119.67

#1 -.03234
 #2 -.38822

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.4	57398.	3566.3	77.900	3552.3
Stddev	1.2	65.	34.0	.778	18.0
%RSD	.03466	.11354	.95396	.99848	.50779

#1	3432.2	57352.	3542.3	77.350	3539.5
#2	3430.5	57444.	3590.4	78.450	3565.0

Sample Name: J5816-04 Acquired: 11/6/2018 3:34:24 Type: Unk
Method: P4-ICP2(v2549) 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	-.00081	-.00331	.00669	.00882	-.00051	.09764	.17168	.00002
Stddev	.00079	.00035	.00036	.00312	.00190	.00609	.00042	.00003
%RSD	97.709	10.695	5.4146	35.328	370.58	6.2353	.24332	184.30

#1	-.00137	-.00306	.00644	.01103	.00083	.09333	.17138	.00004
#2	-.00025	-.00356	.00695	.00662	-.00185	.10194	.17197	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	24.041	-.00072	.00408	.00407	.12392	2.0214	4.2986
Stddev	.00003	.251	.00031	.00009	.00008	.00740	.0018	.0771
%RSD	360.91	1.0424	42.962	2.1547	2.0156	5.9749	.08701	1.7945

#1	.00001	23.864	-.00093	.00402	.00413	.11868	2.0201	4.2441
#2	-.00003	24.218	-.00050	.00415	.00401	.12915	2.0226	4.3532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00019	365.13	.00016	.02885	1.8695	.00002	.00032
Stddev	.00038	.00002	2.96	.00012	.00073	.0317	.00007	.00372
%RSD	34.702	9.8567	.81175	76.195	2.5300	1.6948	465.73	1160.3

#1	.00083	.00021	363.03	.00008	.02833	1.8471	.00006	.00295
#2	.00137	.00018	367.22	.00025	.02936	1.8919	-.00003	-.00231

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38443	.39132	.00115	-.00073	.00138	.0106	.05100	6.2002
Stddev	.00242	.00039	.00007	.00260	.00342	.0008	.00034	.0471
%RSD	.63016	.09902	5.6981	354.97	247.29	7.417	.65940	.75931

#1	.38614	.39105	.00110	.00111	-.00104	.0112	.05076	6.2335
#2	.38272	.39160	.00119	-.00257	.00380	.0100	.05124	6.1670

Sample Name: J5816-04 Acquired: 11/6/2018 3:34:24 Type: Unk
 Method: P4-ICP2(v2549) 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 1.1027
 Stddev .7340
 %RSD 66.569

#1 1.6217
 #2 .58363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.1	57354.	3530.0	77.404	3513.9
Stddev	12.8	113.	27.7	1.479	13.6
%RSD	.37532	.19696	.78560	1.9108	.38738

#1	3412.0	57274.	3549.6	78.450	3504.3
#2	3430.2	57434.	3510.4	76.358	3523.5

Sample Name: J5816-08 Acquired: 11/6/2018 3:38:36 Type: Unk
Method: P4-ICP2(v2549) 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	.01005	-.00332	.02333	.00293	.00421	.10611	.19723	-.00003
Stddev	.00211	.00108	.00111	.00217	.00169	.00043	.00152	.00006
%RSD	20.967	32.383	4.7765	74.210	40.280	.40568	.76845	244.18

#1	.00856	-.00408	.02412	.00139	.00540	.10642	.19616	.00002
#2	.01154	-.00256	.02254	.00447	.00301	.10581	.19830	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	9.5069	.00093	.00526	.02017	.25758	.37071	1.4365
Stddev	.00011	.0638	.00013	.00021	.00003	.00176	.00053	.0305
%RSD	365.64	.67113	14.568	4.0024	.17060	.68204	.14208	2.1206

#1	.00005	9.4618	.00083	.00541	.02019	.25882	.37109	1.4149
#2	-.00011	9.5520	.00102	.00511	.02015	.25634	.37034	1.4580

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	-.00080	361.79	.00021	.04094	.39337	.00051	.00894
Stddev	.00000	.00050	1.70	.00067	.00057	.03351	.00020	.00147
%RSD	.04498	62.058	.47075	313.24	1.3956	8.5188	40.365	16.400

#1	.00667	-.00045	360.59	.00069	.04054	.36967	.00036	.00791
#2	.00668	-.00115	363.00	-.00026	.04135	.41707	.00065	.00998

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20324	.49072	.00252	.00258	.00614	.0096	.03816	5.9870
Stddev	.00170	.01113	.00074	.00087	.00002	.0003	.00008	.0513
%RSD	.83602	2.2683	29.269	33.727	.30941	2.847	.20196	.85661

#1	.20204	.48285	.00304	.00196	.00615	.0098	.03821	5.9507
#2	.20444	.49860	.00200	.00319	.00612	.0095	.03810	6.0232

Sample Name: J5816-08 Acquired: 11/6/2018 3:38:36 Type: Unk
Method: P4-ICP2(v2549) 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 1.7956
Stddev .7557
%RSD 42.084

#1 1.2612
#2 2.3299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3429.9	57221.	3526.8	78.421	3544.8
Stddev	4.9	7.	22.3	.996	20.6
%RSD	.14369	.01173	.63366	1.2699	.58101

#1	3426.4	57216.	3542.6	79.125	3530.2
#2	3433.4	57226.	3511.0	77.717	3559.3

Sample Name: J5816-12 Acquired: 11/6/2018 3:42:49 Type: Unk
Method: P4-ICP2(v2549) 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	.00221	-.00386	.00582	.00871	-.00080	.99988	.60122	-.00009
Stddev	.00341	.00090	.00072	.00050	.00032	.00417	.00385	.00003
%RSD	154.19	23.276	12.311	5.7764	39.844	.41743	.63989	36.117

#1	.00462	-.00450	.00532	.00836	-.00103	.99692	.60394	-.00007
#2	-.00020	-.00323	.00633	.00907	-.00058	1.0028	.59850	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	17.995	.00173	.00029	.00620	2.9024	.93790	3.7171
Stddev	.00003	.014	.00024	.00017	.00019	.0120	.00127	.0446
%RSD	11.429	.07784	14.108	57.340	3.1162	.41199	.13499	1.2003

#1	-.00027	17.985	.00156	.00041	.00633	2.8940	.93700	3.6856
#2	-.00032	18.005	.00190	.00017	.00606	2.9109	.93879	3.7487

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	-.00049	319.20	.00263	.11364	.63180	.00029	.03615
Stddev	.00014	.00025	4.31	.00003	.00050	.01585	.00014	.00067
%RSD	15.505	49.981	1.3500	1.2927	.44184	2.5089	50.019	1.8620

#1	-.00098	-.00067	316.16	.00261	.11400	.62059	.00019	.03663
#2	-.00078	-.00032	322.25	.00265	.11329	.64300	.00039	.03568

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27665	3.0054	.00205	.01591	.00479	.2258	.05027	6.1826
Stddev	.00064	.0409	.00100	.00298	.00226	.0001	.00012	.0665
%RSD	.22960	1.3610	48.908	18.728	47.101	.0274	.23653	1.0751

#1	.27620	2.9764	.00276	.01802	.00320	.2258	.05019	6.1356
#2	.27710	3.0343	.00134	.01380	.00639	.2257	.05036	6.2296

Sample Name: J5816-12 Acquired: 11/6/2018 3:42:49 Type: Unk
 Method: P4-ICP2(v2549) 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 1.6240
 Stddev .0507
 %RSD 3.1186

#1 1.6598
 #2 1.5882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.0	57447.	3538.9	78.750	3545.4
Stddev	12.5	240.	5.8	.648	13.5
%RSD	.36354	.41813	.16275	.82309	.38028

#1	3435.2	57277.	3543.0	78.292	3535.9
#2	3452.9	57617.	3534.8	79.208	3555.0

Sample Name: CCV19 Acquired: 11/6/2018 3:46:59 Type: Unk
Method: P4-ICP2(v2549) 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	4.8641	5.1686	4.7552	4.8558	4.9021	10.164	10.195	.25588
Stddev	.0023	.0032	.0128	.0209	.0013	.125	.049	.00070
%RSD	.04701	.06290	.26833	.43120	.02738	1.2251	.48239	.27209
#1	4.8624	5.1709	4.7643	4.8706	4.9011	10.076	10.229	.25539
#2	4.8657	5.1663	4.7462	4.8410	4.9030	10.252	10.160	.25637
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4334	25.800	1.0931	2.3945	1.2063	5.3433	2.6091	22.592
Stddev	.0037	.111	.0037	.0021	.0011	.0275	.0043	.092
%RSD	.15100	.43209	.33636	.08898	.09212	.51487	.16632	.40596
#1	2.4360	25.721	1.0905	2.3960	1.2071	5.3239	2.6061	22.527
#2	2.4308	25.878	1.0957	2.3930	1.2055	5.3628	2.6122	22.657
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3856	1.3005	26.675	2.5917	F 3.1943	25.818	4.9181	4.6348
Stddev	.0047	.0001	.203	.0077	.0199	.066	.0020	.0026
%RSD	.19731	.00550	.76212	.29785	.62305	.25416	.04147	.05555
#1	2.3890	1.3004	26.819	2.5863	3.2084	25.864	4.9195	4.6367
#2	2.3823	1.3005	26.531	2.5972	3.1802	25.771	4.9167	4.6330
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8695	5.2005	4.8881	4.8675	5.3600	5.262	5.2419	F 3.8235
Stddev	.0088	.0322	.0019	.0023	.0286	.005	.0301	.0144
%RSD	.18113	.61948	.03847	.04698	.53404	.0999	.57418	.37589
#1	4.8757	5.2232	4.8867	4.8659	5.3802	5.259	5.2632	3.8336
#2	4.8632	5.1777	4.8894	4.8692	5.3398	5.266	5.2207	3.8133

Sample Name: CCV19 Acquired: 11/6/2018 3:46:59 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14126 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8641
Stddev .2455
%RSD 8.5729

#1 3.0377
#2 2.6905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3865.6	64565.	3862.7	83.250	4016.0
Stddev	9.9	83.	30.2	.588	14.0
%RSD	.25518	.12815	.78164	.70604	.34973

#1	3858.6	64624.	3841.4	82.834	4006.0
#2	3872.6	64507.	3884.1	83.666	4025.9

Sample Name: CCB19 Acquired: 11/6/2018 3:50:46 Type: Unk
 Method: P4-ICP2(v2549) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00013	-.00107	-.00120	-.00108	-.00536	.00023
Stddev	.00038	.00186	.00072	.00278	.00031	.00829	.00028
%RSD	81.460	1417.2	66.957	232.73	28.733	154.69	122.64

#1	.00073	-.00118	-.00157	-.00316	-.00129	-.01122	.00003
#2	.00020	.00145	-.00056	.00077	-.00086	.00050	.00043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00004	.01961	-.00043	.00009	.00024	.01164
Stddev	.00000	.00008	.03131	.00002	.00031	.00080	.01214
%RSD	2.1049	189.53	159.64	4.7152	342.42	334.55	104.31

#1	-.00015	.00002	-.00253	-.00044	.00031	.00080	.02022
#2	-.00016	-.00010	.04175	-.00041	-.00013	-.00033	.00305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00920	.00044	-.00056	.12693	-.00035	.00013
Stddev	.00002	.00824	.00039	.00062	.00286	.00007	.00000
%RSD	27.286	89.560	88.925	110.81	2.2509	20.570	2.2150

#1	.00005	-.01502	.00016	-.00012	.12895	-.00040	.00013
#2	.00008	-.00337	.00071	-.00099	.12491	-.00030	.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06404	.00074	.00701	-.00399	.00608	-.00052	-.00179
Stddev	.00094	.00004	.00108	.00216	.00197	.00013	.00013
%RSD	1.4604	5.9610	15.429	54.015	32.362	25.598	7.4161

#1	-.06337	.00077	.00778	-.00247	.00747	-.00061	-.00170
#2	-.06470	.00071	.00625	-.00551	.00469	-.00043	-.00189

Sample Name: CCB19 Acquired: 11/6/2018 3:50:46 Type: Unk
Method: P4-ICP2(v2549) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14126 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	.0030	.00004	F 2.0618	F<.00000
Stddev	.00045	.0006	.00014	.1675	1.0409
%RSD	29.352	21.60	319.33	8.1225	32.347

#1	-.00122	.0025	.00014	2.1802	-3.9541
#2	-.00185	.0035	-.00005	1.9434	-2.4820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.2	67181.	3903.4	88.867	4522.7
Stddev	12.1	105.	19.1	2.711	5.0
%RSD	.30288	.15626	.49059	3.0502	.11114

#1	4000.6	67107.	3889.8	86.950	4519.1
#2	4017.8	67256.	3916.9	90.783	4526.3