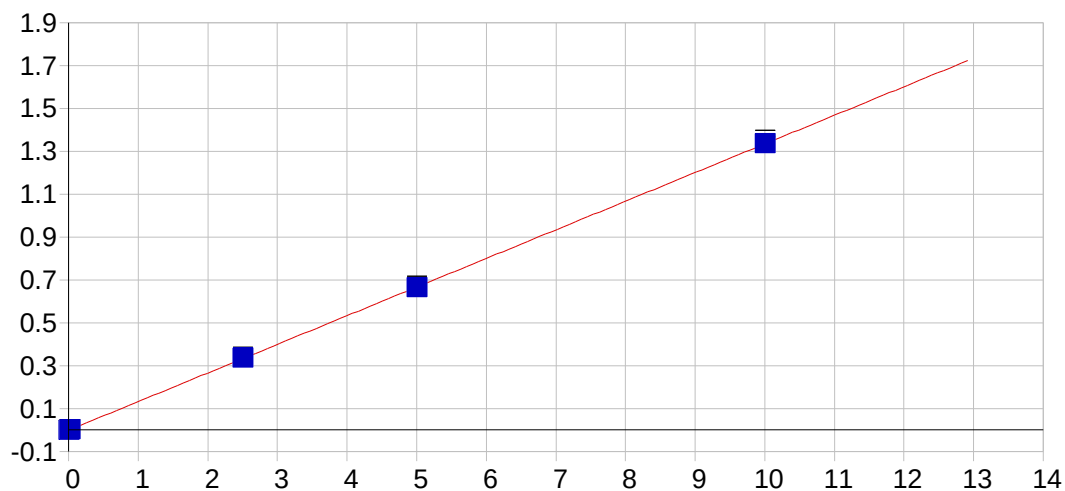


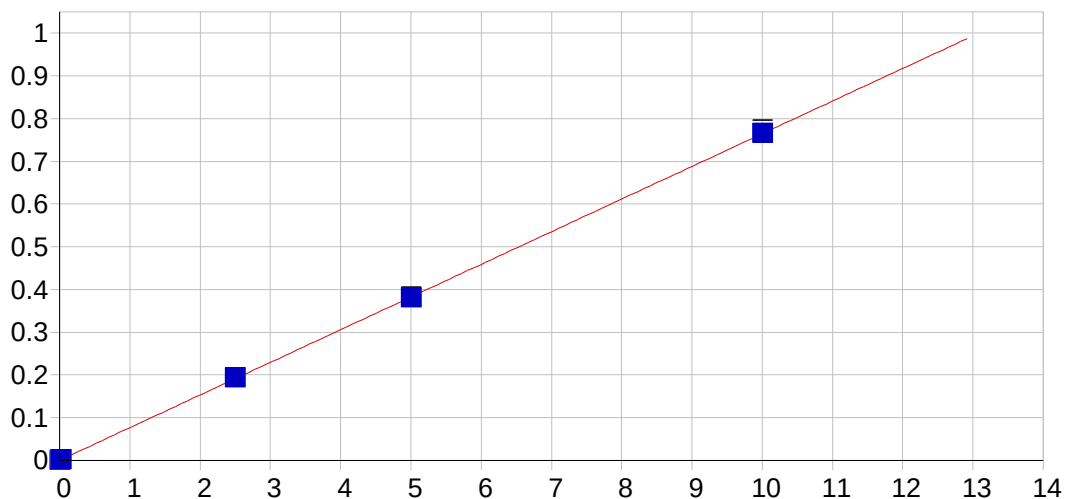


As 189.042 {478}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000586 Re-Slope: 1.000000
 A1 (Gain): 0.133542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002934
 Predicted MQL: 0.009778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00059	.000	1
S1	.02000	.02016	.000	.791	.00210	.000	1
S3	2.5000	2.5144	.014	.574	.33516	.002	1
S4	5.0000	4.9751	-.025	-.498	.66375	.005	1
S5	10.000	10.010	.010	.104	1.3361	.014	1



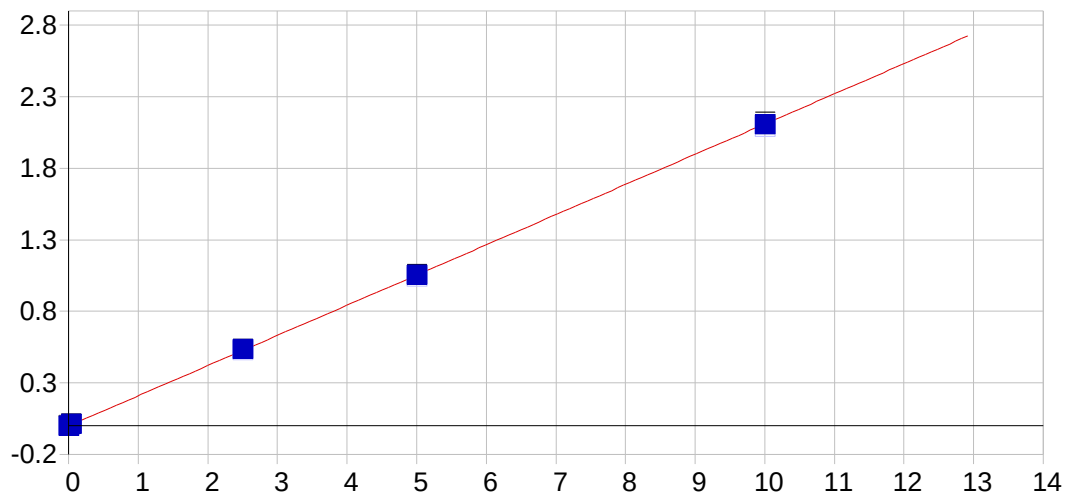
As 189.042 {479}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000426 Re-Slope: 1.000000

A1 (Gain): 0.076425 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.003167
 Predicted MQL: 0.010558

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.02000	.01771	-.002	-11.5	.00178	.000	1
S3	2.5000	2.5148	.015	.592	.19262	.000	1
S4	5.0000	4.9801	-.020	-.398	.38103	.001	1
S5	10.000	10.007	.007	.074	.76525	.007	1

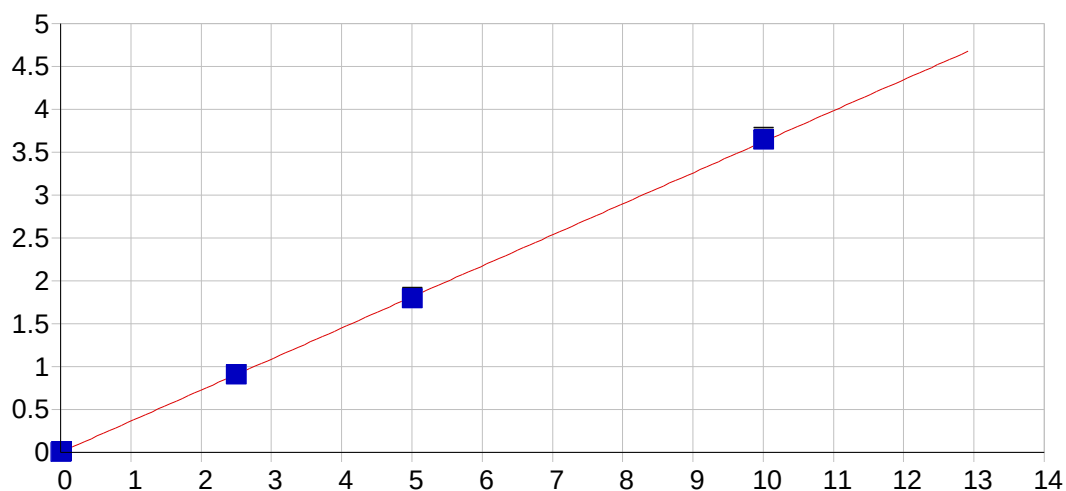


TI 190.856 {477}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000973 Re-Slope: 1.000000
 A1 (Gain): 0.211051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.001385
 Predicted MQL: 0.004615

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00097	.000	1
S1	.04000	.04497	.005	12.4	.00830	.000	1
S3	2.5000	2.5243	.024	.972	.52637	.002	1
S4	5.0000	4.9887	-.011	-.225	1.0411	.006	1
S5	10.000	9.9821	-.018	-.179	2.0841	.018	1

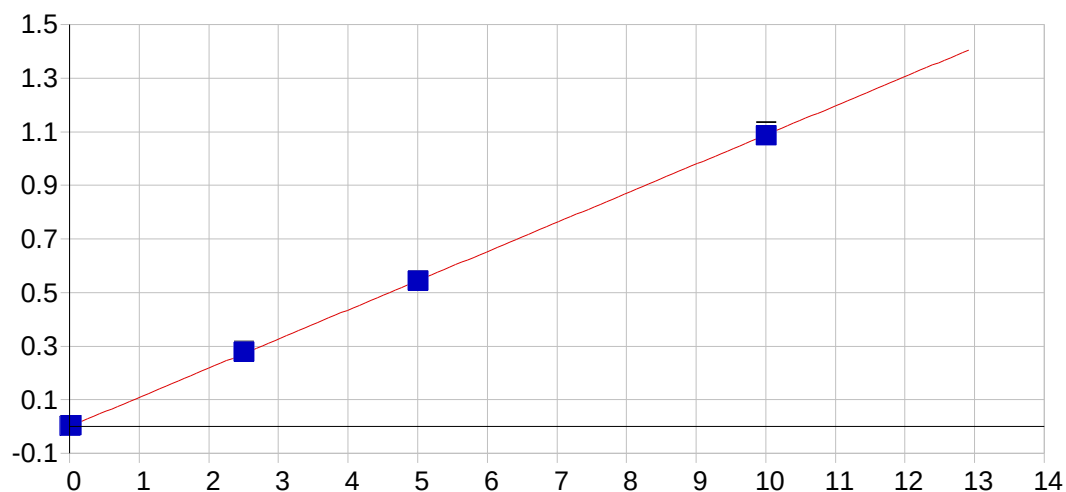


Pb 220.353 {453}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002551 Re-Slope: 1.000000
 A1 (Gain): 0.361940 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001207
 Predicted MQL: 0.004025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00255	.000	1
S1	.01200	.01426	.002	18.8	.00763	.000	1
S3	2.5000	2.4870	-.013	-.520	.90151	.002	1
S4	5.0000	4.9463	-.054	-1.07	1.7904	.010	1
S5	10.000	10.065	.065	.645	3.6406	.023	1



Se 196.090 {472}

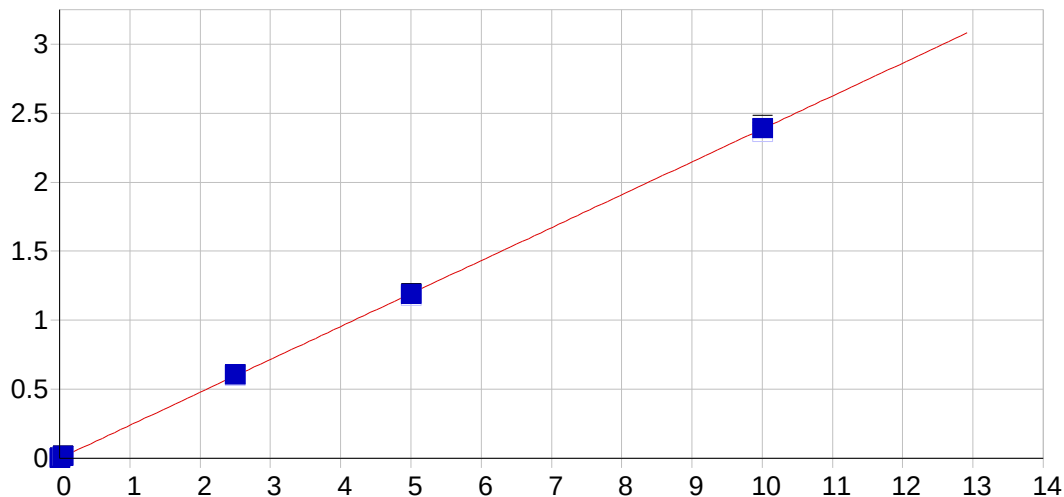
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.108804 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000021
 Predicted MDL: 0.003259
 Predicted MQL: 0.010865

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.02000	.01914	-.001	-4.31	.00200	.000	1
S3	2.5000	2.5487	.049	1.95	.27719	.002	1
S4	5.0000	4.9811	-.019	-.379	.54181	.001	1
S5	10.000	9.9711	-.029	-.289	1.0847	.013	1



Sb 206.833 {463}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

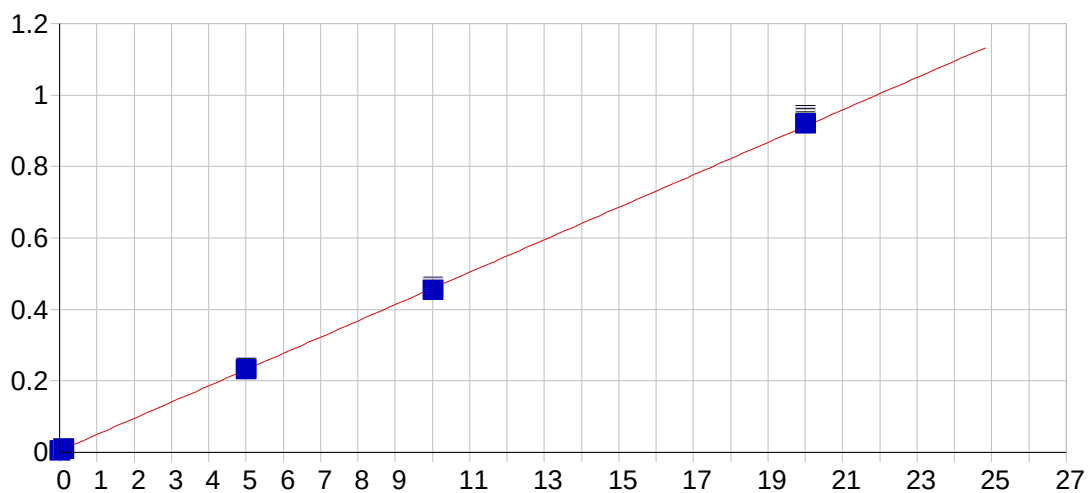
Weighting: 1/Conc

A0 (Offset): 0.000622
 A1 (Gain): 0.238533
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000064
 Predicted MDL: 0.001778
 Predicted MQL: 0.005926

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00062	.000	1
S1	.05000	.05561	.006	11.2	.01359	.000	1
S3	2.5000	2.5186	.019	.743	.59468	.001	1
S4	5.0000	4.9768	-.023	-.465	1.1743	.002	1
S5	10.000	9.9991	-.001	-.009	2.3589	.024	1

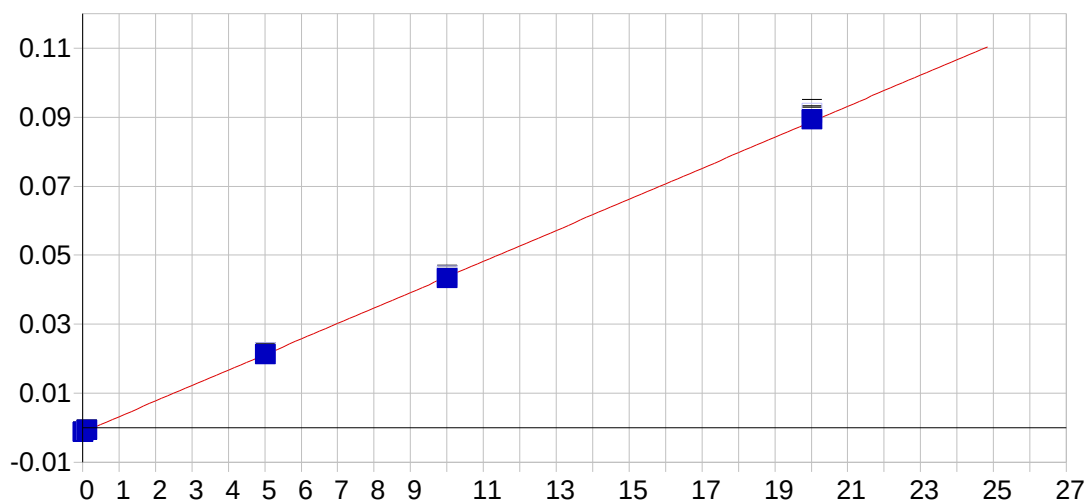


AI 308.215 {109}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004431 Re-Slope: 1.000000
 A1 (Gain): 0.045433 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003425
 Predicted MQL: 0.011417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00443	.000	1
S1	.10000	.10675	.007	6.75	.00960	.000	1
S3	5.0000	4.9940	-.006	-.120	.23585	.001	1
S4	10.000	9.8608	-.139	-1.39	.46148	.001	1
S5	20.000	20.138	.138	.691	.93746	.005	1



AI 309.271 {109}

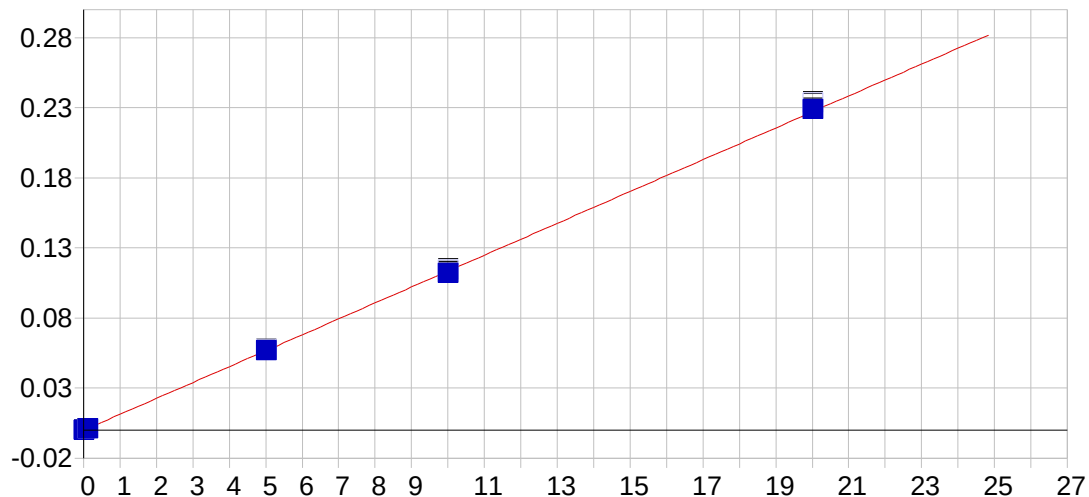
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001262 Re-Slope: 1.000000
 A1 (Gain): 0.004497 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000003
 Predicted MDL: 0.028455
 Predicted MQL: 0.094850

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00126	.000	1
S1	.10000	.11072	.011	10.7	-.00073	.000	1
S3	5.0000	4.9907	-.009	-.185	.02163	.000	1
S4	10.000	9.8719	-.128	-1.28	.04403	.000	1
S5	20.000	20.126	.126	.631	.09104	.001	1

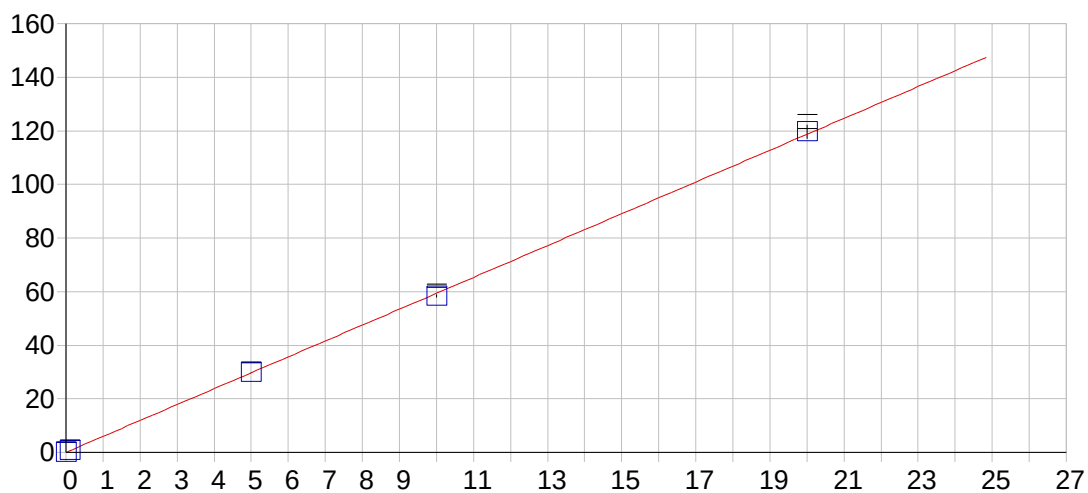


AI 396.152 { 85}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.011354 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.014679
 Predicted MQL: 0.048930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.10000	.09674	-.003	-3.26	.00117	.000	1
S3	5.0000	4.9856	-.014	-.288	.05773	.000	1
S4	10.000	9.8539	-.146	-1.46	.11413	.001	1
S5	20.000	20.164	.164	.820	.23345	.001	1

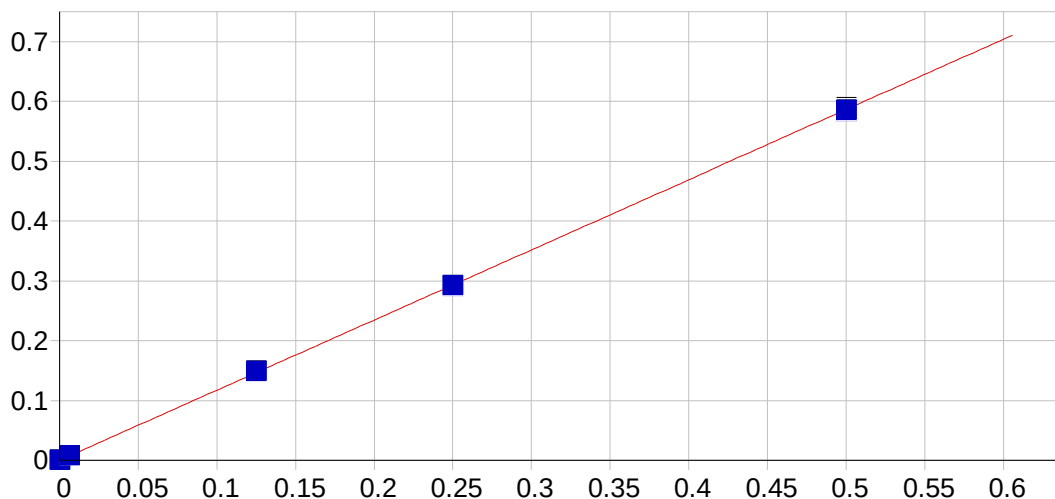


Ba 493.409 { 68}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.051060 Re-Slope: 1.000000
 A1 (Gain): 5.931907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.005425
 Predicted MDL: 0.000667
 Predicted MQL: 0.002223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05103	.004	1
S1	.10000	.10554	.006	5.54	.67710	.003	1
S3	5.0000	5.0127	.013	.255	29.786	.088	1
S5	20.000	20.164	.164	.822	119.66	2.66	1
S4	10.000	9.8174	-.183	-1.83	58.287	.588	1



Be 234.861 {144}

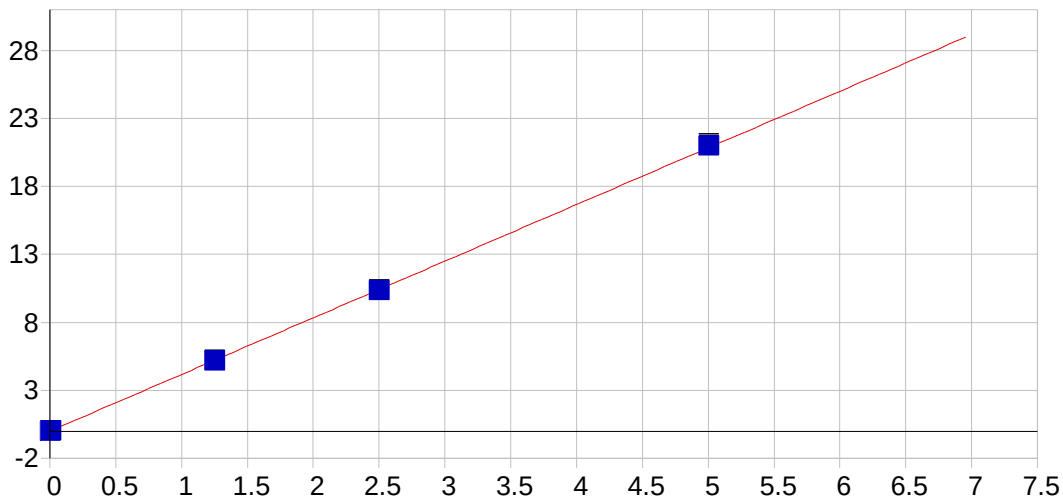
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 1.172648 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000027
 Predicted MDL: 0.000083
 Predicted MQL: 0.000277

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00636	.000	5.95	.00744	.000	1
S3	.12500	.12677	.002	1.42	.14780	.000	1
S4	.25000	.24877	-.001	-.490	.28994	.000	1
S5	.50000	.49910	-.001	-.180	.58164	.004	1



Cd 226.502 {449}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

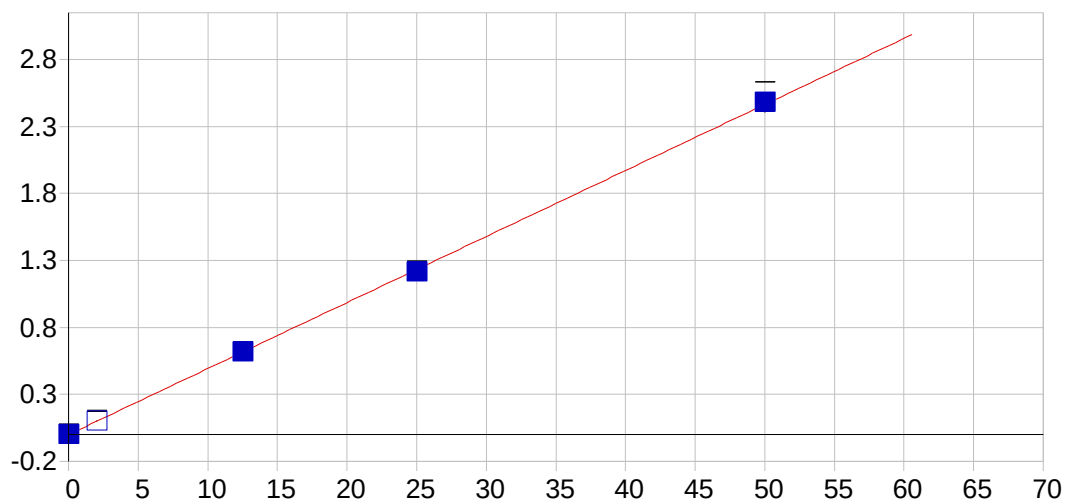
Weighting: 1/Conc

A0 (Offset): -0.001032
 A1 (Gain): 4.166661
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000301
 Predicted MDL: 0.000111
 Predicted MQL: 0.000368

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00103	.000	1
S1	.00600	.00611	.000	1.84	.02447	.000	1
S3	1.2500	1.2421	-.008	-.635	5.1754	.014	1
S4	2.5000	2.4749	-.025	-1.00	10.313	.071	1
S5	5.0000	5.0329	.033	.659	20.974	.150	1

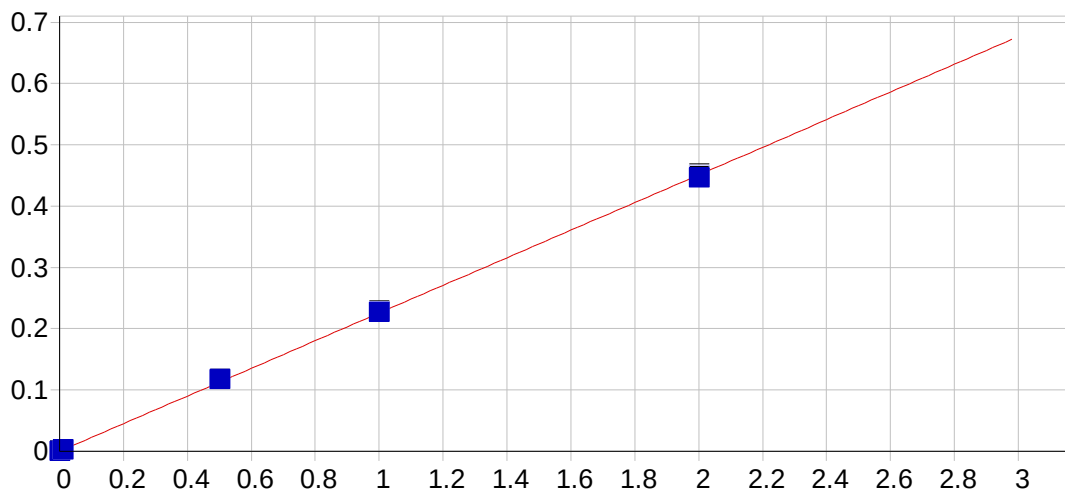


Ca 373.690 { 90}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.049300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000233
 Predicted MDL: 0.022719
 Predicted MQL: 0.075730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0234	.023	1.17	.09992	.006	1
S0	.00000	-.00001	-.000	.000	.00016	.001	1
S3	12.500	12.496	-.004	-.036	.61653	.002	1
S4	25.000	24.666	-.334	-1.34	1.2168	.004	1
S5	50.000	50.315	.315	.631	2.4820	.075	1



Cr 267.716 {126}

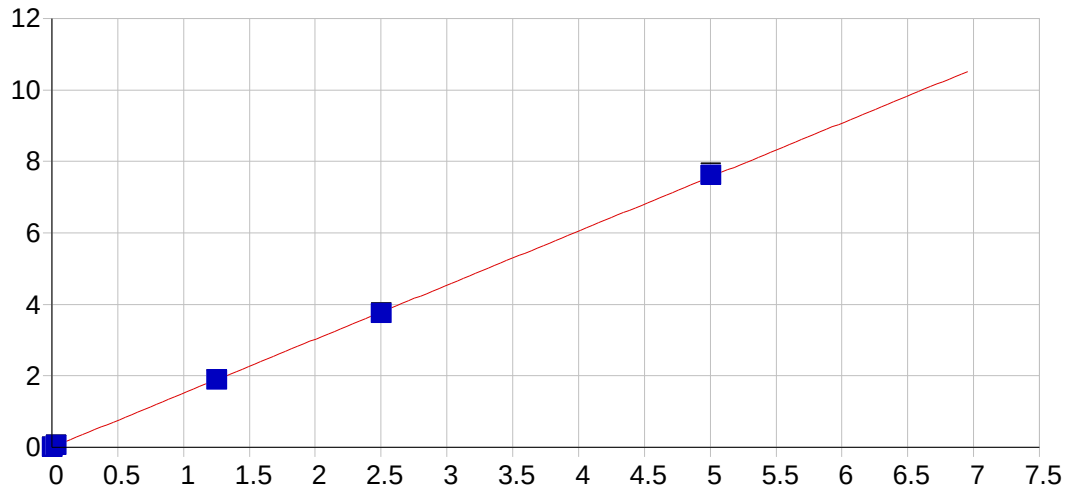
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.225423 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883
 Std Error of Est: 0.000027
 Predicted MDL: 0.000550
 Predicted MQL: 0.001835

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.01000	.01064	.001	6.36	.00255	.000	1
S3	.50000	.51691	.017	3.38	.11751	.000	1
S4	1.0000	1.0030	.003	.300	.22793	.000	1
S5	2.0000	1.9794	-.021	-1.03	.44972	.002	1



Co 228.616 {447}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

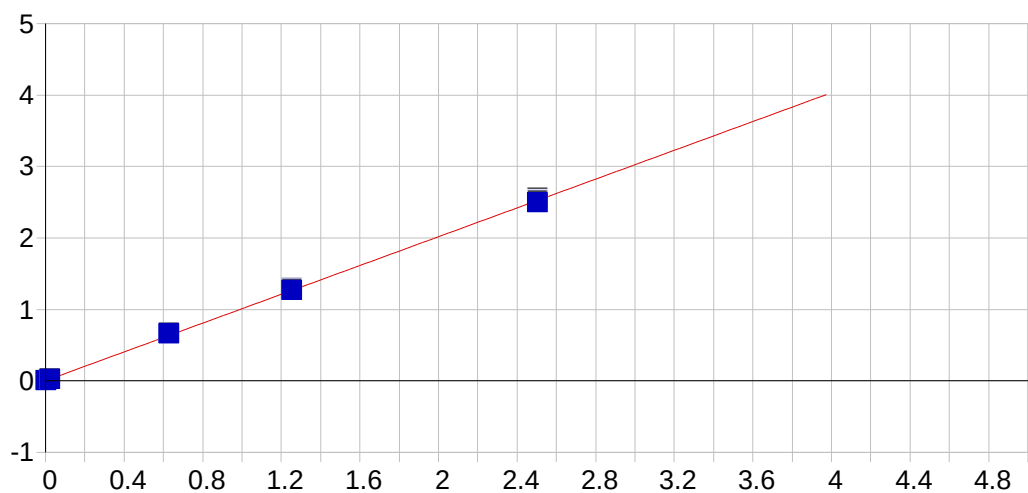
Weighting: 1/Conc

A0 (Offset): 0.000044
 A1 (Gain): 1.512554
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000346
 Predicted MDL: 0.000277
 Predicted MQL: 0.000923

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	.03000	.03365	.004	12.2	.05064	.000	1
S3	1.2500	1.2407	-.009	-.745	1.8781	.001	1
S4	2.5000	2.4722	-.028	-1.11	3.7424	.024	1
S5	5.0000	5.0334	.033	.669	7.6193	.052	1

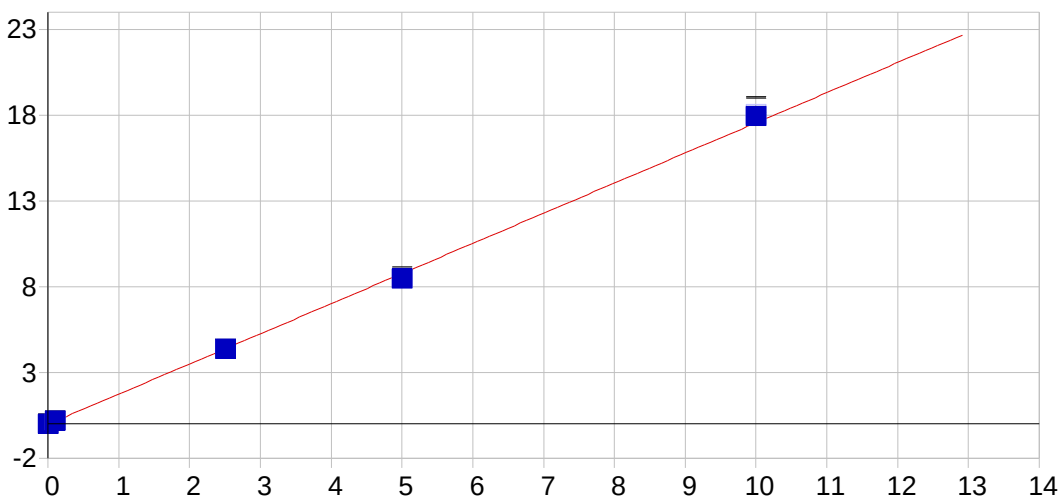


Cu 224.700 {450}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000663 Re-Slope: 1.000000
 A1 (Gain): 1.009341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000221
 Predicted MDL: 0.000554
 Predicted MQL: 0.001847

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00067	.000	1
S1	.02000	.02169	.002	8.46	.02153	.000	1
S3	.62500	.64774	.023	3.64	.66307	.000	1
S4	1.2500	1.2580	.008	.636	1.2889	.001	1
S5	2.5000	2.4676	-.032	-1.30	2.5298	.029	1



Fe 240.488 {140}

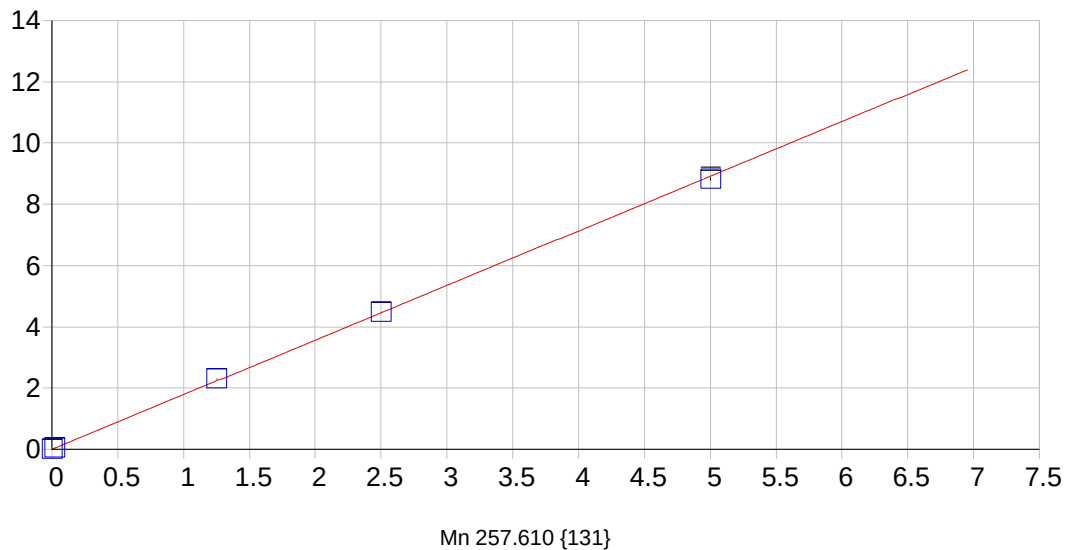
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016281 Re-Slope: 1.000000
 A1 (Gain): 1.757092 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667
 Std Error of Est: 0.002466
 Predicted MDL: 0.008041
 Predicted MQL: 0.026804

Status: OK.

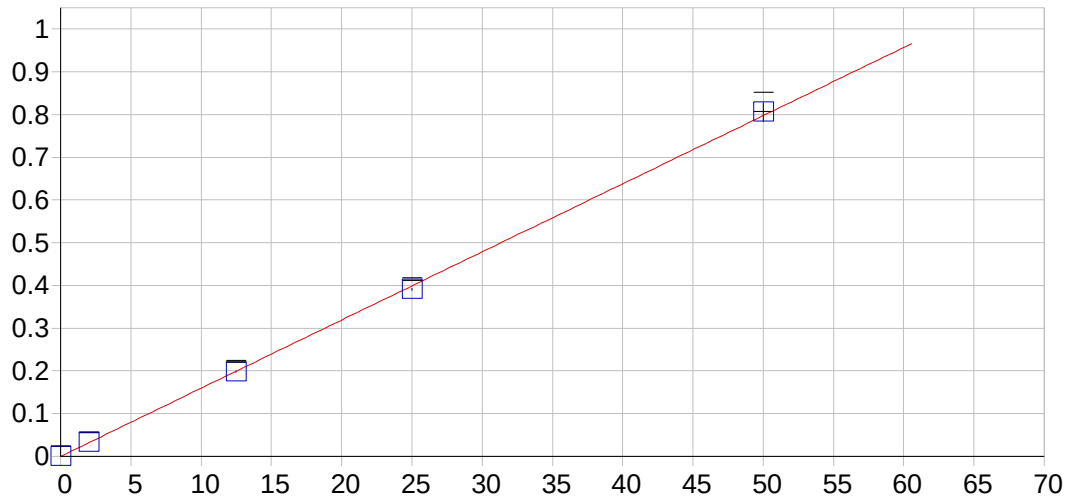
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01627	.010	1
S1	.10000	.09887	-.001	-1.13	.15831	.001	1
S3	2.5000	2.4787	-.021	-.853	4.3611	.032	1
S4	5.0000	4.8108	-.189	-3.78	8.4810	.060	1
S5	10.000	10.212	.212	2.12	18.015	.478	1



Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000104 Re-Slope: 1.000000
 A1 (Gain): 1.782883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000508
 Predicted MDL: 0.000069
 Predicted MQL: 0.000232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02285	.003	14.2	.04084	.000	1
S3	1.2500	1.2924	.042	3.39	2.3043	.003	1
S4	2.5000	2.5079	.008	.318	4.4715	.001	1
S5	5.0000	4.9468	-.053	-1.06	8.8197	.054	1

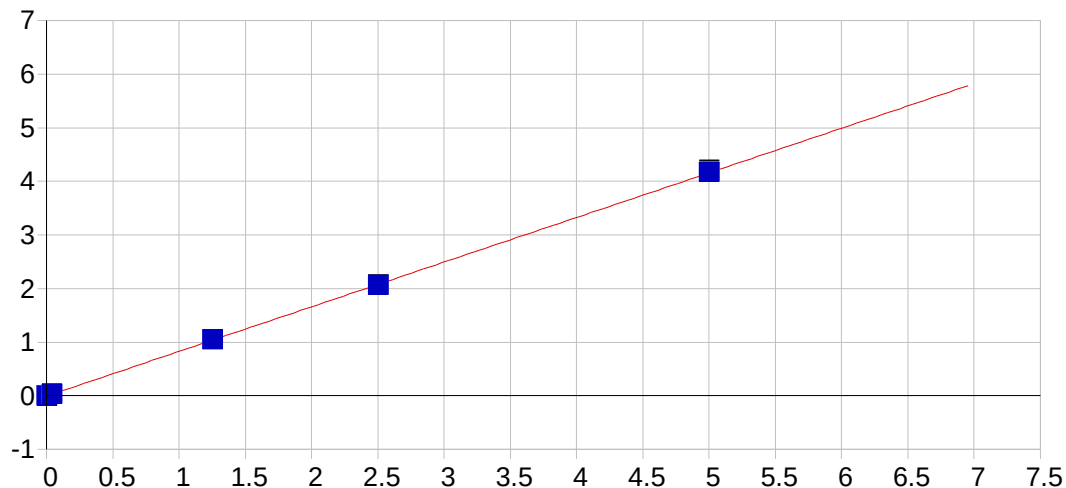


Mg 279.079 {121}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.015949 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.038890
 Predicted MQL: 0.129633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0126	.013	.629	.03223	.001	1
S0	.00000	.00002	.000	.000	.00013	.000	1
S3	12.500	12.430	-.070	-.563	.19837	.002	1
S4	25.000	24.526	-.474	-1.90	.39129	.003	1
S5	50.000	50.532	.532	1.06	.80608	.022	1



Ni 231.604 {445}

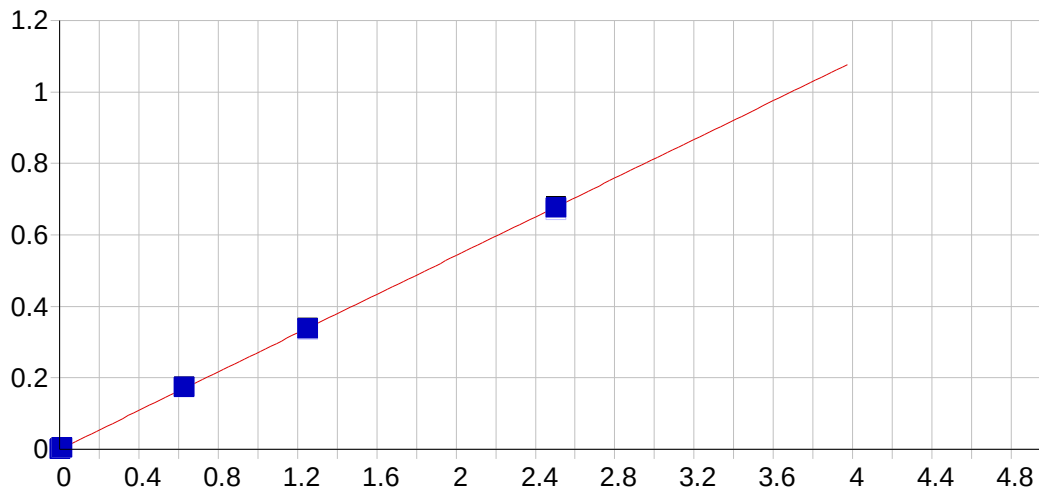
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006925 Re-Slope: 1.000000
 A1 (Gain): 0.832984 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000173
 Predicted MDL: 0.000529
 Predicted MQL: 0.001763

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00693	.000	1
S1	.04000	.04401	.004	10.0	.02975	.001	1
S3	1.2500	1.2546	.005	.368	1.0393	.001	1
S4	2.5000	2.4781	-.022	-.875	2.0596	.015	1
S5	5.0000	5.0133	.013	.265	4.1736	.027	1



Ag 328.068 {103}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

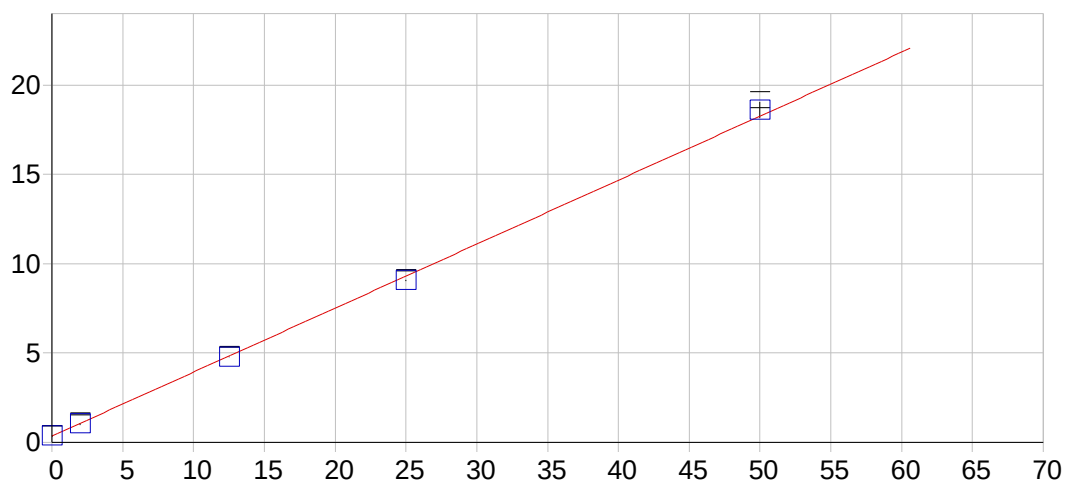
Weighting: 1/Conc

A0 (Offset): 0.000165
 A1 (Gain): 0.270899
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000021
 Predicted MDL: 0.000681
 Predicted MQL: 0.002270

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.01000	.01022	.000	2.17	.00288	.000	1
S3	.62500	.63872	.014	2.20	.17127	.000	1
S4	1.2500	1.2435	-.007	-.523	.33318	.001	1
S5	2.5000	2.4926	-.007	-.296	.66772	.004	1

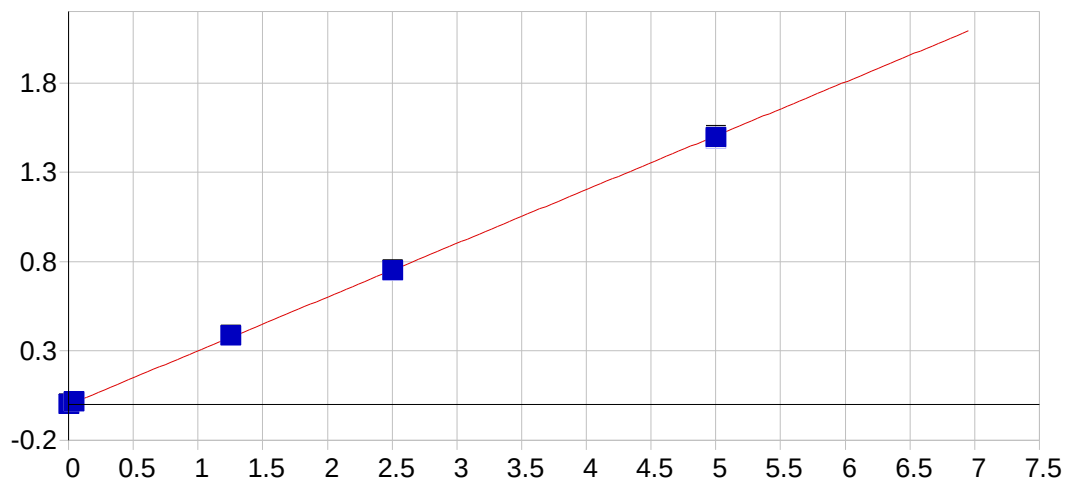


Na 589.592 { 57}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.352715 Re-Slope: 1.000000
 A1 (Gain): 0.358173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.004341
 Predicted MDL: 0.010393
 Predicted MQL: 0.034644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8824	-.118	-5.88	1.0269	.043	1
S0	.00000	.00016	.000	.000	.35277	.008	1
S3	12.500	12.339	-.161	-1.29	4.7723	.023	1
S4	25.000	24.339	-.661	-2.64	9.0703	.045	1
S5	50.000	50.939	.939	1.88	18.598	.453	1



V 292.402 {115}

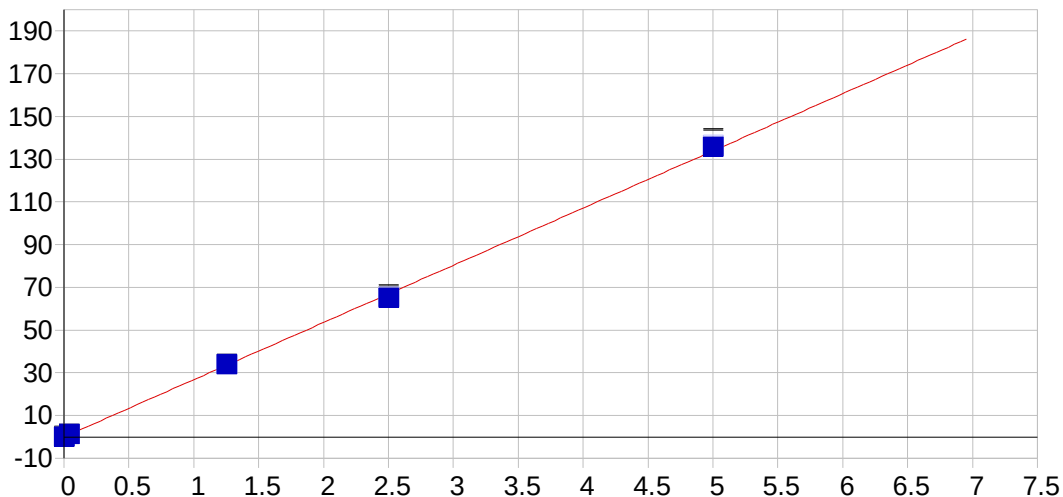
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000359 Re-Slope: 1.000000
 A1 (Gain): 0.300911 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000110
 Predicted MDL: 0.000545
 Predicted MQL: 0.001816

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00036	.000	1
S1	.04000	.04621	.006	15.5	.01336	.000	1
S3	1.2500	1.2813	.031	2.51	.38275	.001	1
S4	2.5000	2.4967	-.003	-.133	.74600	.002	1
S5	5.0000	4.9658	-.034	-.684	1.4841	.010	1



Zn 206.200 {163}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

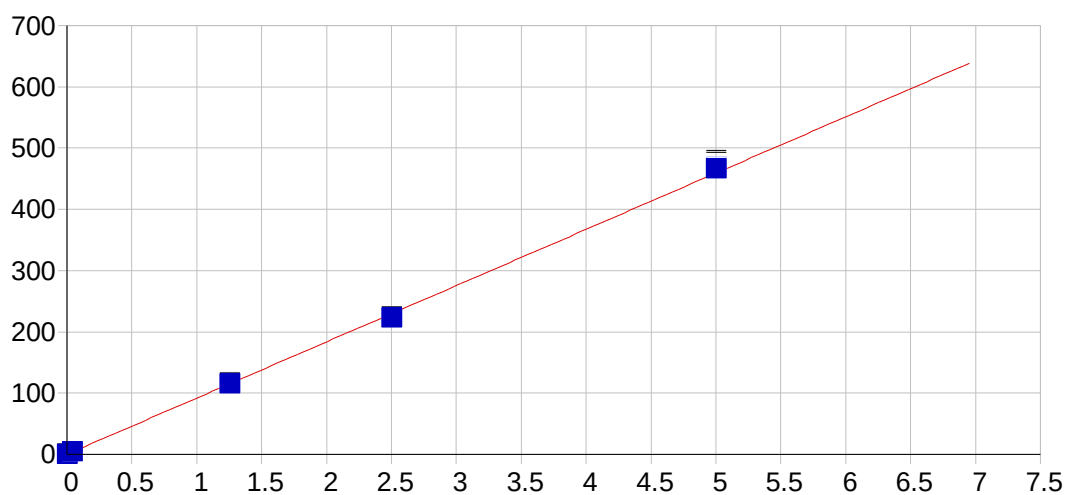
Weighting: 1/Conc

A0 (Offset): 0.026515
 A1 (Gain): 26.777425
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801
 Std Error of Est: 0.012997
 Predicted MDL: 0.000629
 Predicted MQL: 0.002097

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	.02639	.031	1
S1	.04000	.04494	.005	12.3	1.2369	.061	1
S3	1.2500	1.2579	.008	.630	33.912	.107	1
S4	2.5000	2.4267	-.073	-2.93	65.413	.841	1
S5	5.0000	5.0605	.060	1.21	136.34	3.22	1

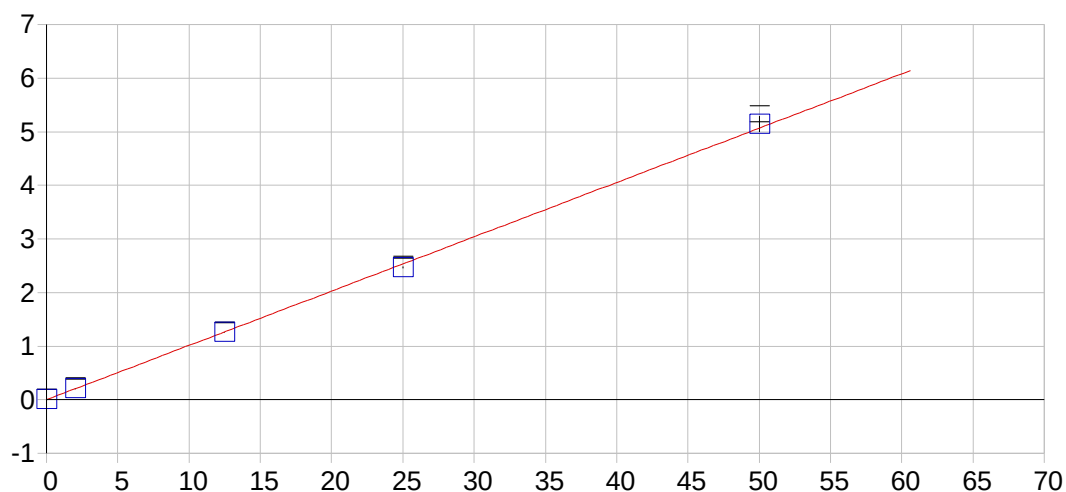


Zn 213.856 {458}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.099978 Re-Slope: 1.000000
 A1 (Gain): 91.816619 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.048728
 Predicted MDL: 0.000091
 Predicted MQL: 0.000302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.09965	.003	1
S1	.04000	.04423	.004	10.6	4.1854	.047	1
S3	1.2500	1.2523	.002	.187	115.78	1.00	1
S4	2.5000	2.4185	-.081	-3.26	223.55	1.46	1
S5	5.0000	5.0749	.075	1.50	468.84	10.2	1



K 766.490 {44}

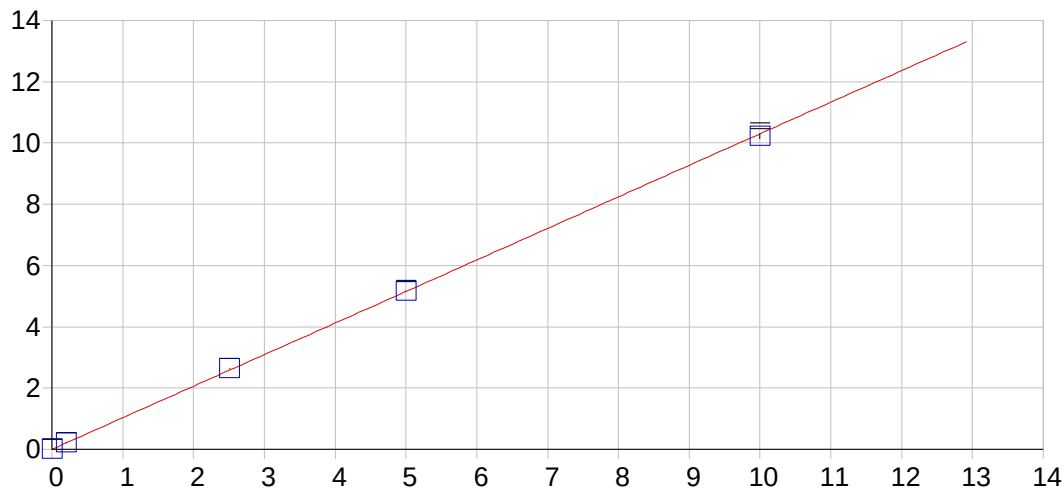
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000521 Re-Slope: 1.000000
 A1 (Gain): 0.101324 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837
 Std Error of Est: 0.000998
 Predicted MDL: 0.039497
 Predicted MQL: 0.131656

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9970	-.003	-.151	.20182	.010	1
S0	.00000	.00004	.000	.000	-.00052	.001	1
S3	12.500	12.380	-.120	-.958	1.2539	.003	1
S4	25.000	24.360	-.640	-2.56	2.4677	.021	1
S5	50.000	50.763	.763	1.53	5.1429	.145	1



Mo 202.030 {467}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

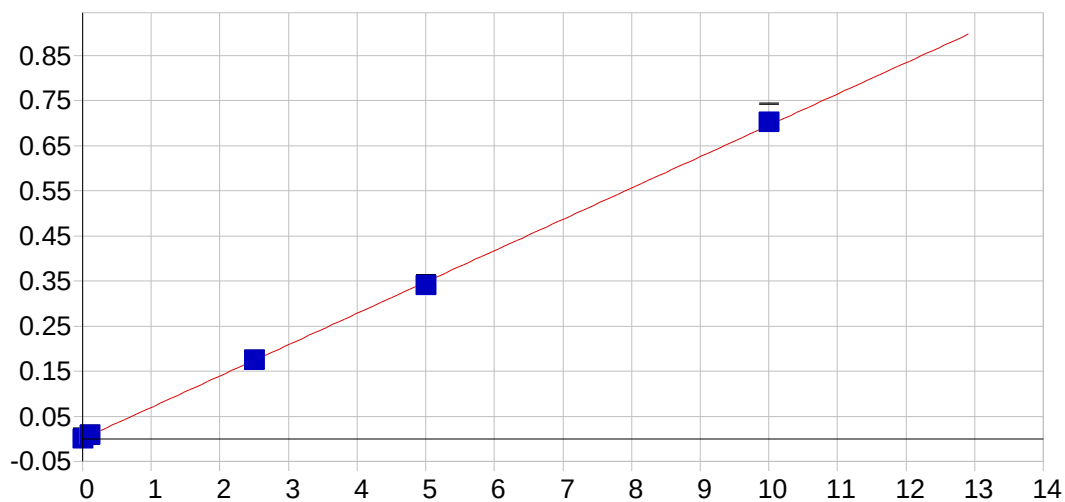
Weighting: 1/Conc

A0 (Offset): 0.000445
 A1 (Gain): 1.030231
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000927
 Predicted MDL: 0.000334
 Predicted MQL: 0.001113

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	.00043	.000	1
S1	.20000	.20883	.009	4.41	.21559	.000	1
S3	2.5000	2.5587	.059	2.35	2.6365	.002	1
S4	5.0000	5.0120	.012	.240	5.1640	.014	1
S5	10.000	9.9205	-.080	-.795	10.221	.094	1

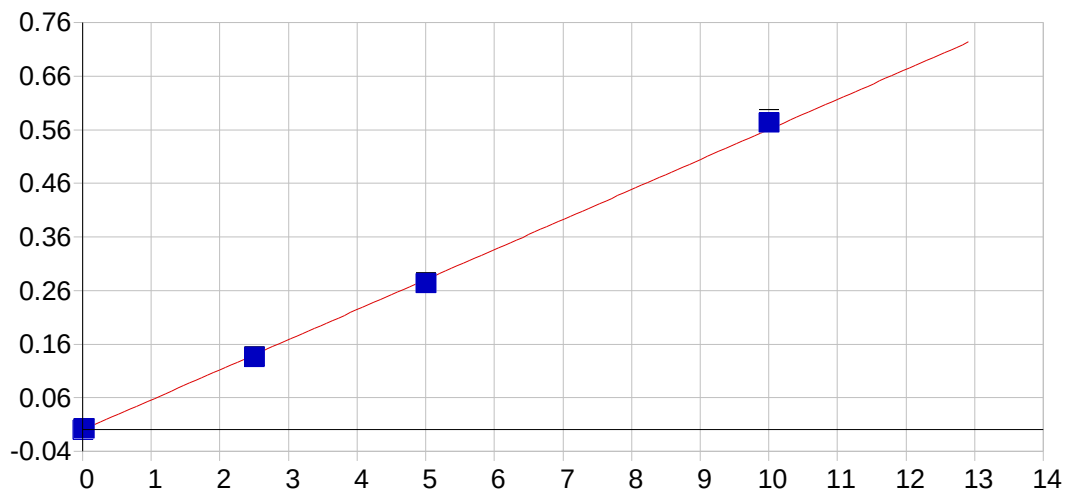


B 249.678 {135}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000341 Re-Slope: 1.000000
 A1 (Gain): 0.069491 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.007547
 Predicted MQL: 0.025156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00034	.001	1
S1	.10000	.10496	.005	4.96	.00760	.000	1
S3	2.5000	2.4990	-.001	-.041	.17359	.001	1
S4	5.0000	4.8916	-.108	-2.17	.33945	.002	1
S5	10.000	10.105	.105	1.05	.70088	.019	1



S 182.034 {485}

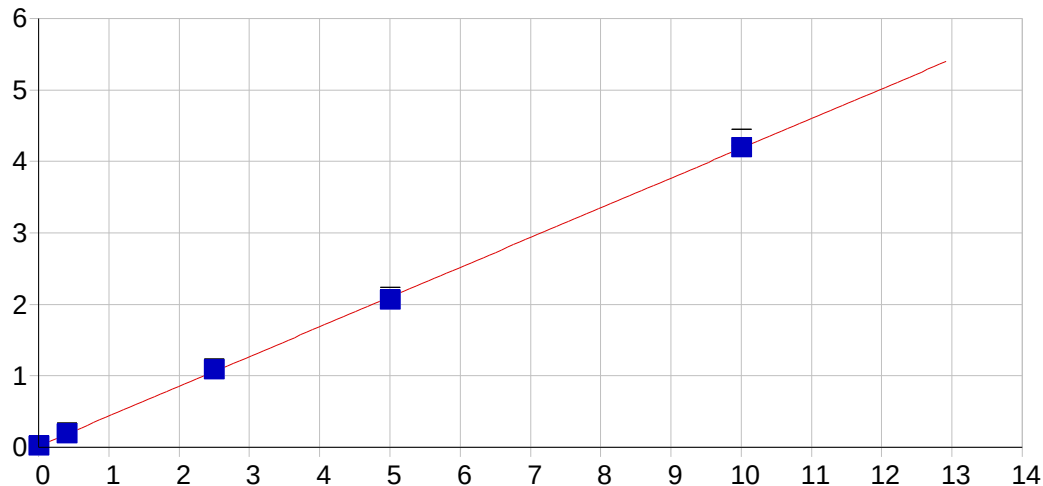
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.056042 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654
 Std Error of Est: 0.000036
 Predicted MDL: 0.003749
 Predicted MQL: 0.012498

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02258	.003	12.9	.00118	.000	1
S3	2.5000	2.4107	-.089	-3.57	.13489	.000	1
S4	5.0000	4.8649	-.135	-2.70	.27227	.002	1
S5	10.000	10.222	.222	2.22	.57218	.006	1



Si 288.158 {117}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

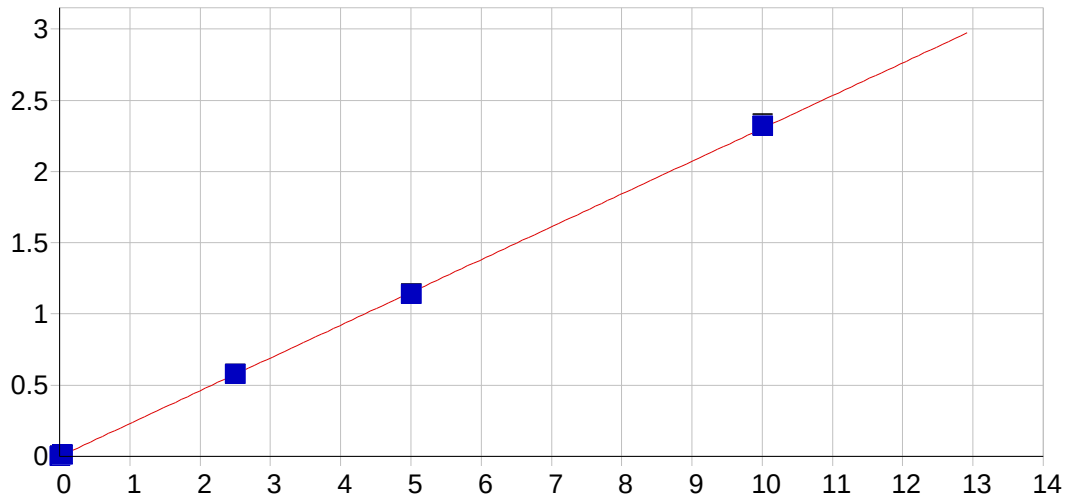
Weighting: 1/Conc

A0 (Offset): 0.020124
 A1 (Gain): 0.416347
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000616
 Predicted MDL: 0.002982
 Predicted MQL: 0.009940

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	.02012	.001	1
S1	.40000	.40807	.008	2.02	.18988	.003	1
S3	2.5000	2.5590	.059	2.36	1.0850	.006	1
S4	5.0000	4.9085	-.091	-1.83	2.0627	.029	1
S5	10.000	10.024	.024	.244	4.1915	.118	1

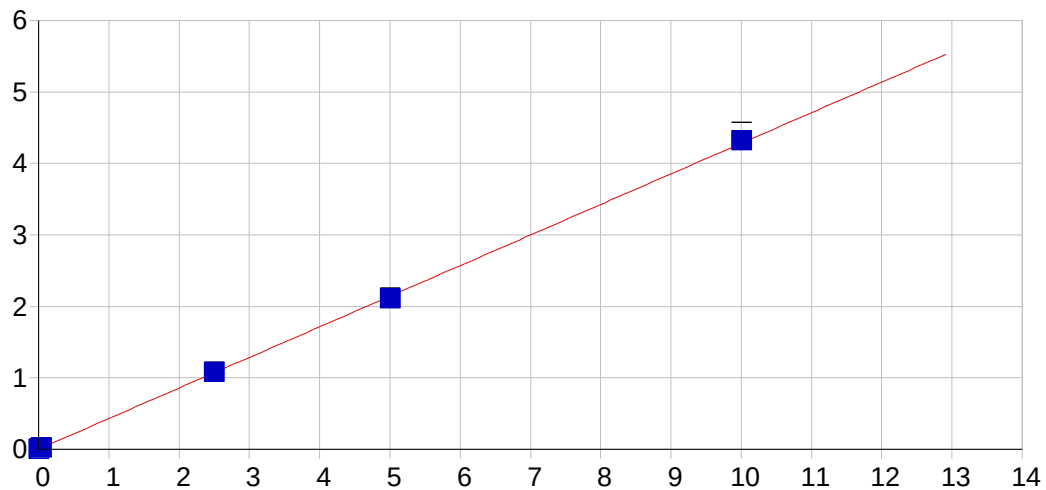


Sn 189.989 {477}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000388 Re-Slope: 1.000000
 A1 (Gain): 0.230212 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000931
 Predicted MQL: 0.003105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.04000	.04365	.004	9.12	.01044	.000	1
S3	2.5000	2.4886	-.011	-.458	.57338	.001	1
S4	5.0000	4.9405	-.059	-1.19	1.1380	.005	1
S5	10.000	10.067	.067	.673	2.3184	.015	1



Ti 336.121 {100}

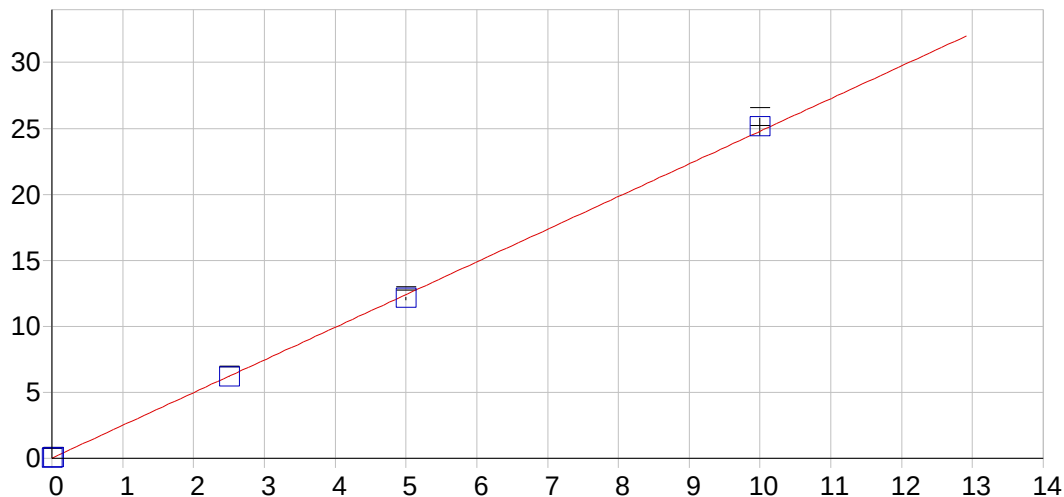
Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002123 Re-Slope: 1.000000
 A1 (Gain): 0.427956 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000178
 Predicted MDL: 0.002043
 Predicted MQL: 0.006810

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00212	.000	1
S1	.04000	.04508	.005	12.7	.02141	.000	1
S3	2.5000	2.5042	.004	.169	1.0737	.001	1
S4	5.0000	4.9166	-.083	-1.67	2.1059	.009	1
S5	10.000	10.074	.074	.741	4.3128	.119	1



Li 670.784 { 50}

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

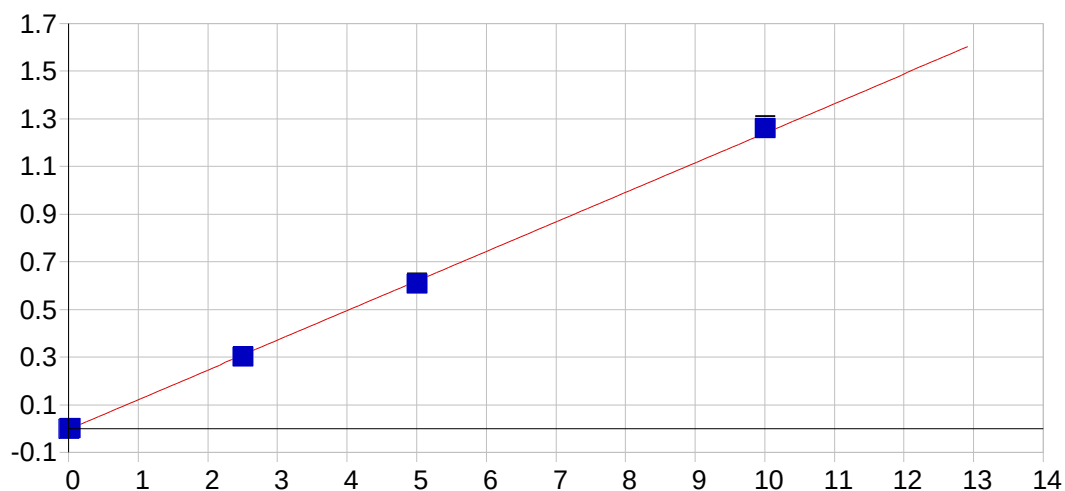
Weighting: 1/Conc

A0 (Offset): 0.021307
 A1 (Gain): 2.476780
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000979
 Predicted MDL: 0.001558
 Predicted MQL: 0.005193

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	.02131	.000	1
S1	.02000	.01849	-.002	-7.55	.06710	.002	1
S3	2.5000	2.4839	-.016	-.646	6.1733	.027	1
S4	5.0000	4.8841	-.116	-2.32	12.118	.118	1
S5	10.000	10.134	.134	1.34	25.120	.689	1

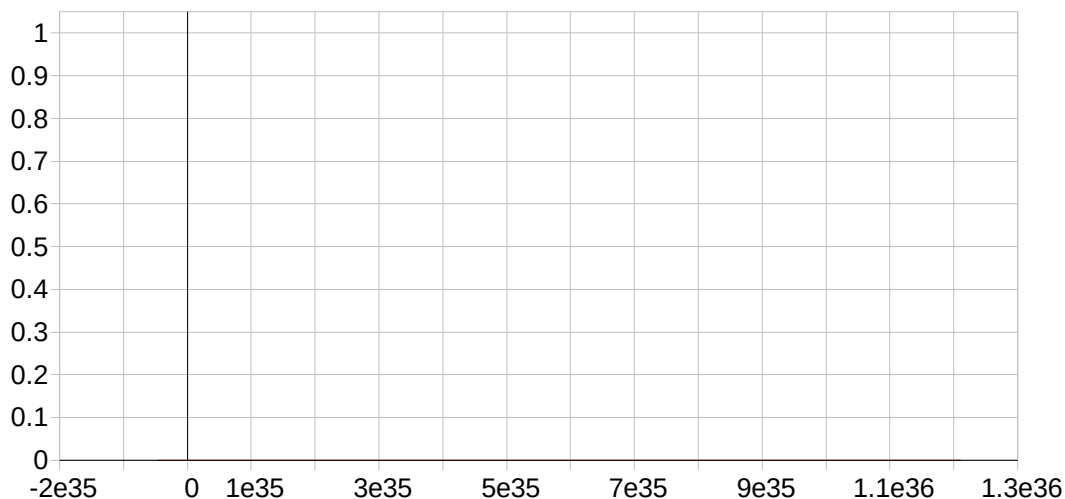


P 177.495 {490}

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002542 Re-Slope: 1.000000
 A1 (Gain): 0.124269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.001870
 Predicted MQL: 0.006233

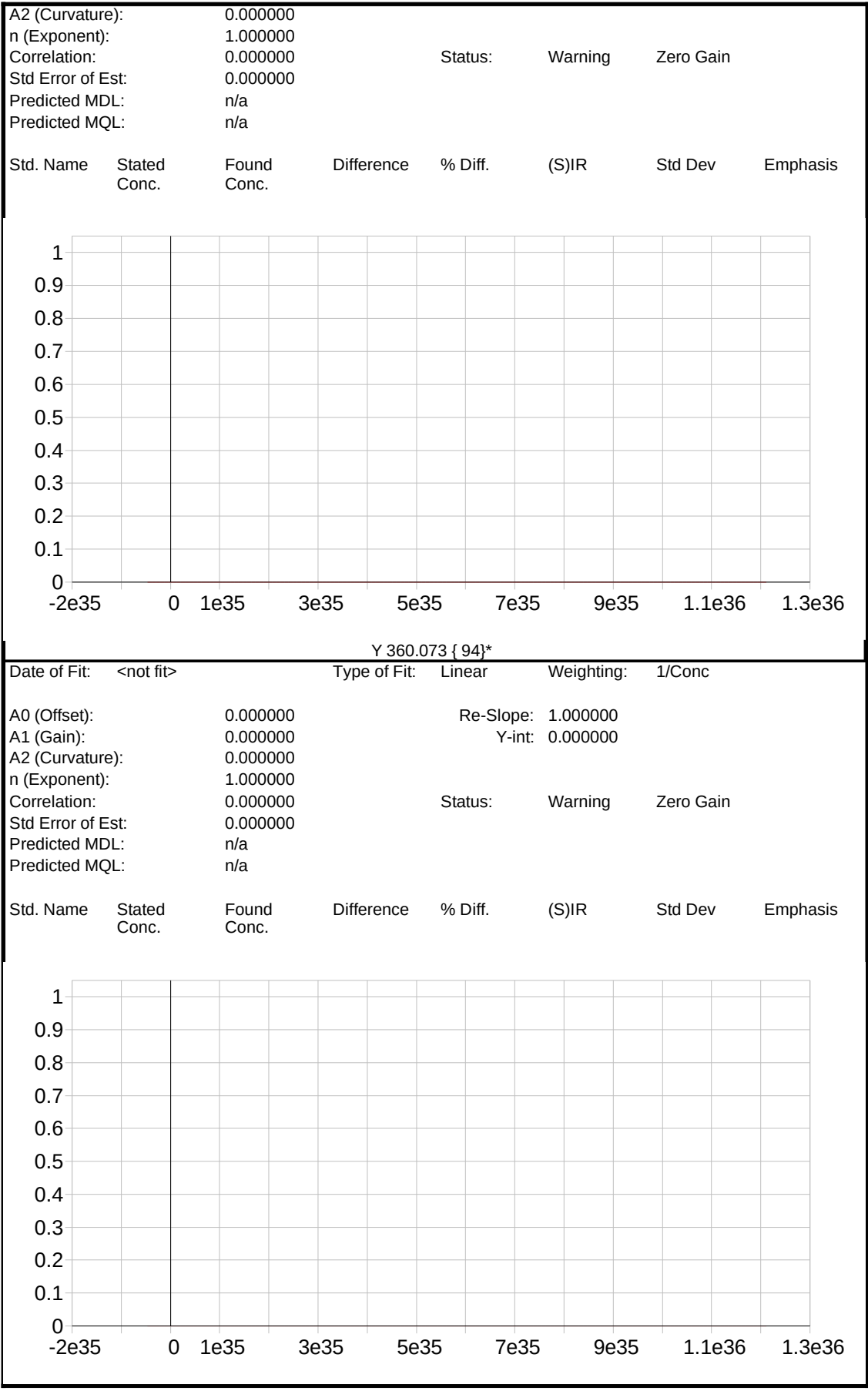
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00254	.000	1
S1	.02000	.02077	.001	3.87	.00003	.000	1
S3	2.5000	2.4367	-.063	-2.53	.29981	.001	1
S4	5.0000	4.9105	-.089	-1.79	.60678	.002	1
S5	10.000	10.152	.152	1.52	1.2572	.010	1

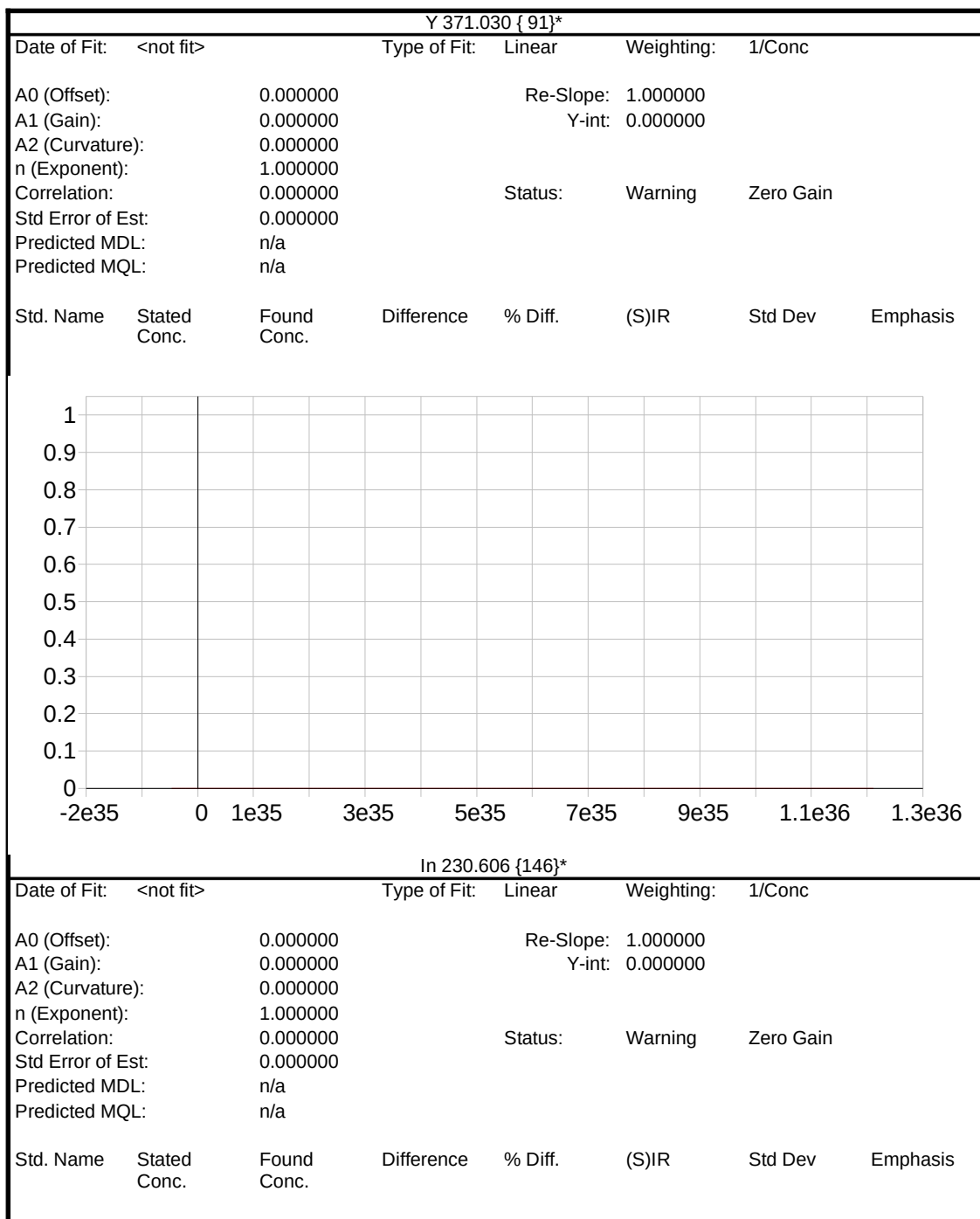


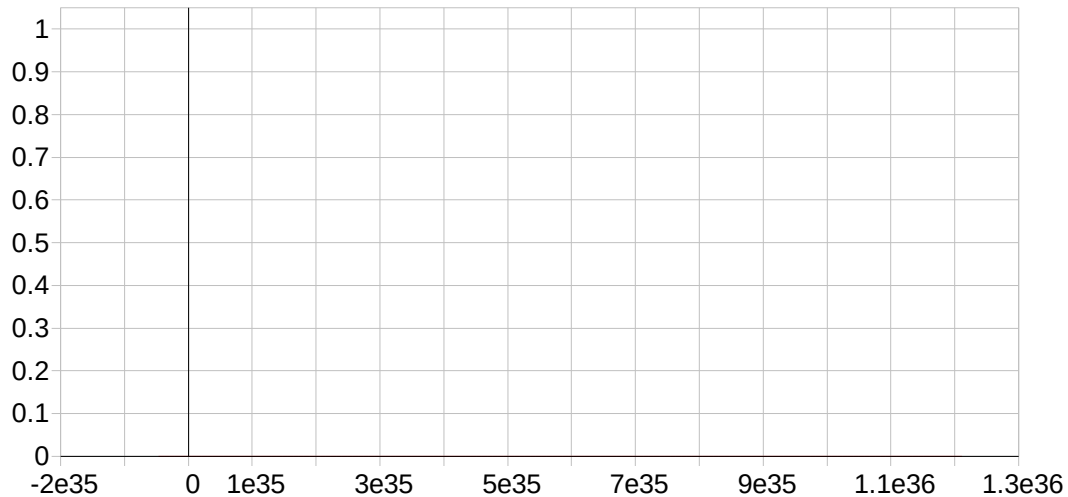
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

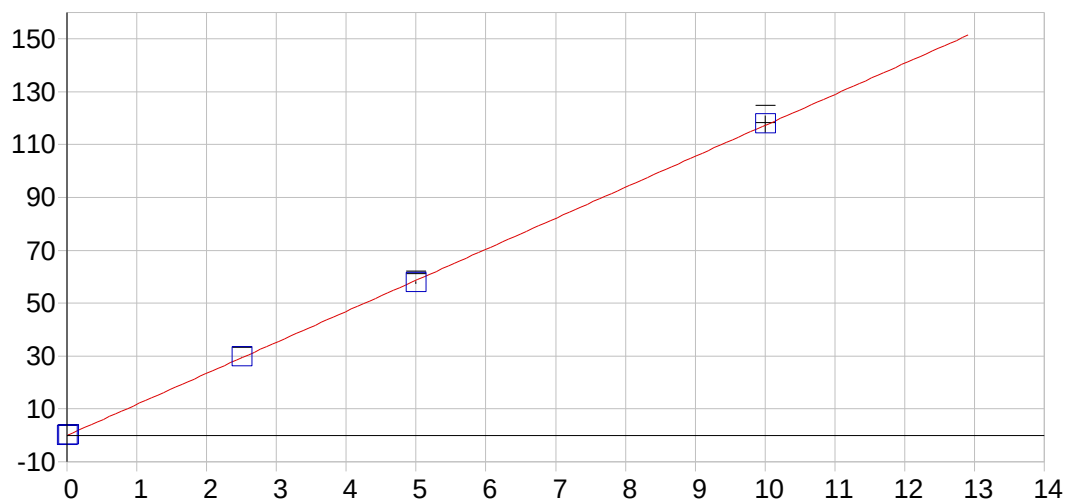
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 10/25/2018 11:41:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006715

Re-Slope: 1.000000

A1 (Gain): 11.731713

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999954

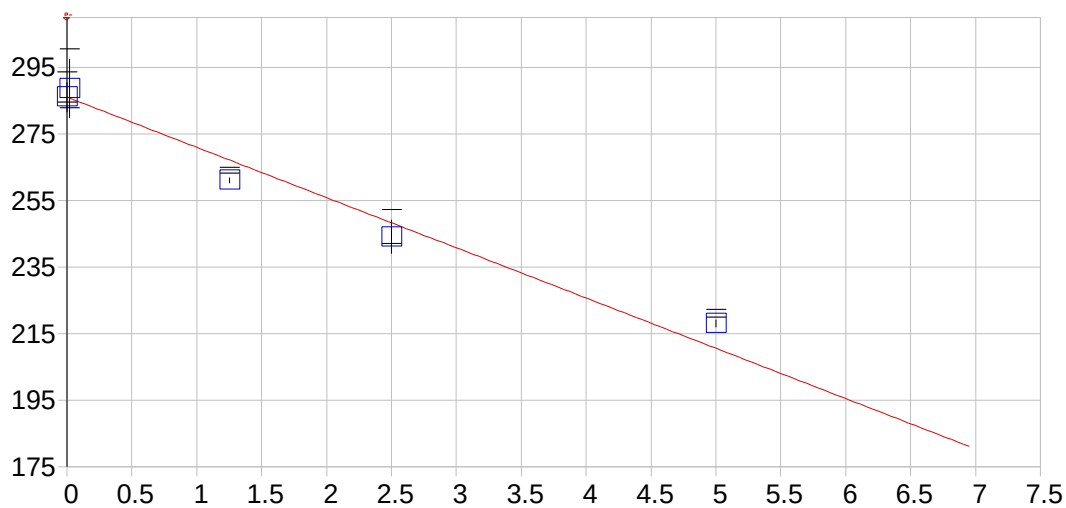
Status: OK.

Std Error of Est: 0.002719

Predicted MDL: 0.000128

Predicted MQL: 0.000427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00672	.001	1
S1	.02000	.02040	.000	2.01	.23264	.001	1
S3	2.5000	2.5303	.030	1.21	29.678	.095	1
S4	5.0000	4.9272	-.073	-1.46	57.798	.563	1
S5	10.000	10.042	.042	.421	117.80	3.25	1

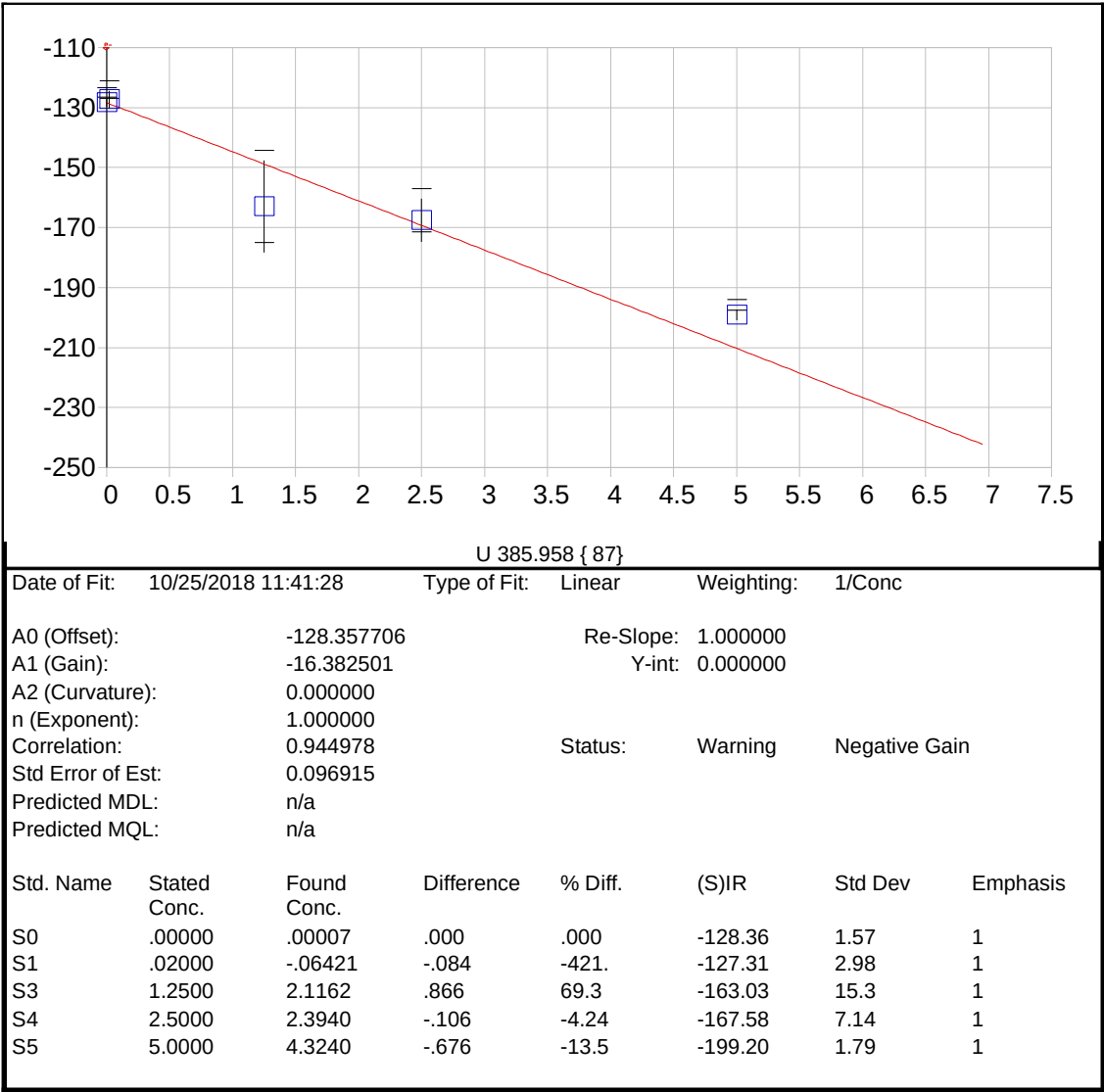


U 367.007 { 92 }

Date of Fit: 10/25/2018 11:41:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 286.087770 Re-Slope: 1.000000
 A1 (Gain): -15.097548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.900423 Status: Warning Negative Gain
 Std Error of Est: 0.124645
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	286.08	4.59	1
S1	.02000	-.17141	-.191	-957.	288.68	8.79	1
S3	1.2500	1.6568	.407	32.5	261.07	.825	1
S4	2.5000	2.7811	.281	11.2	244.10	5.10	1
S5	5.0000	4.5035	-.496	-9.93	218.10	1.11	1



Sample Name: S0 Acquired: 10/25/2018 11:17:56 Type: Cal
Method: P4-ICP2(v2524) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00043	-.00097	.00255	-.00008	.00062	-.00001	.05103	.00006
Stddev	.00013	.00007	.00020	.00018	.00033	.00009	.00413	.00006
%RSD	31.417	6.9898	8.0295	213.12	53.606	931.56	8.0866	98.435

#1	.00052	-.00093	.00241	-.00021	.00039	-.00007	.04811	.00011
#2	.00033	-.00102	.00270	.00004	.00086	.00005	.05395	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00103	.00016	.00015	.00004	-.00067	-.01627	.00010	.00013
Stddev	.00016	.00057	.00010	.00002	.00020	.00996	.00005	.00006
%RSD	15.899	344.50	65.244	43.785	30.021	61.202	48.421	46.807

#1	-.00092	.00056	.00008	.00003	-.00052	-.02332	.00006	.00008
#2	-.00115	-.00024	.00021	.00005	-.00081	-.00923	.00013	.00017

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	-.00693	.00016	.35277	-.00036	.09965	-.00052	.00043	.00034
Stddev	.00009	.00012	.00811	.00006	.00289	.00128	.00027	.00082
%RSD	1.3549	75.830	2.2984	16.363	2.8977	248.19	61.867	240.03

#1	-.00699	.00025	.34704	-.00032	.09761	-.00142	.00062	-.00024
#2	-.00686	.00008	.35851	-.00040	.10169	.00039	.00024	.00092

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	-.00006	.02012	.00039	.00212	.02131	-.0025	-.00672	286.08
Stddev	.00009	.00052	.00011	.00016	.00022	.0001	.00058	4.59
%RSD	155.46	2.5691	29.597	7.4382	1.0319	4.096	8.5623	1.6030

#1	.00001	.01975	.00031	.00223	.02147	-.0025	-.00713	282.84
#2	-.00012	.02048	.00047	.00201	.02116	-.0026	-.00631	289.33

Sample Name: S0 Acquired: 10/25/2018 11:17:56 Type: Cal
Method: P4-ICP2(v2524) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-128.36
Stddev	1.57
%RSD	1.2247

#1	-129.47
#2	-127.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.6	31048.	3283.3	87.108	2395.5
Stddev	6.5	312.	12.3	.636	8.6
%RSD	.32590	1.0052	.37503	.73058	.35821

#1	1981.0	30827.	3274.6	87.558	2389.4
#2	1990.2	31269.	3292.0	86.658	2401.5

Sample Name: S1 Acquired: 10/25/2018 11:21:59 Type: Cal
Method: P4-ICP2(v2524) 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	.00178	.00830	.00763	.00200	.01359	.00117	.67710	.00744
Stddev	.00019	.00016	.00003	.00000	.00014	.00004	.00329	.00011
%RSD	10.687	1.9537	.39727	.13022	1.0126	3.0027	.48647	1.4979
#1	.00165	.00818	.00761	.00200	.01349	.00114	.67477	.00752
#2	.00191	.00841	.00765	.00200	.01369	.00119	.67943	.00737
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	.02447	.00255	.05064	.02153	.15831	.04084	.02975	.00288
Stddev	.00031	.00002	.00017	.00029	.00057	.00041	.00074	.00021
%RSD	1.2507	.82051	.33473	1.3363	.35946	1.0057	2.4856	7.1404
#1	.02469	.00257	.05052	.02133	.15871	.04113	.03027	.00302
#2	.02426	.00254	.05076	.02174	.15790	.04055	.02923	.00273
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	.01336	4.1854	.21559	.00760	.00118	.18988	.01044	.02141
Stddev	.00002	.0467	.00002	.00018	.00012	.00315	.00006	.00037
%RSD	.18649	1.1148	.00896	2.3919	10.069	1.6568	.60846	1.7132
#1	.01334	4.1524	.21557	.00748	.00126	.19211	.01048	.02167
#2	.01338	4.2184	.21560	.00773	.00109	.18766	.01039	.02115
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.06710	.0000	.23264	288.68	-127.31			
Stddev	.00151	.0001	.00092	8.79	2.98			
%RSD	2.2430	273.5	.39544	3.0445	2.3395			
#1	.06817	.0001	.23199	294.89	-129.41			
#2	.06604	-.0000	.23329	282.46	-125.20			

Sample Name: S1 Acquired: 10/25/2018 11:21:59 Type: Cal
Method: P4-ICP2(v2524) 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	1994.1	31147.	3327.5	88.829	2407.1
Stddev	10.3	108.	21.4	.760	11.8
%RSD	.51495	.34676	.64378	.85573	.49133
#1	1986.8	31071.	3312.4	89.367	2398.7
#2	2001.3	31224.	3342.7	88.292	2415.5

Sample Name: S2 Acquired: 10/25/2018 11:26:03 Type: Cal
Method: P4-ICP2(v2524) 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	.09992	.03223	1.0269	.20182
Stddev	.00562	.00094	.0428	.01030
%RSD	5.6220	2.9317	4.1647	5.1044

#1	.09595	.03156	.99669	.19454
#2	.10389	.03289	1.0572	.20910

Int. Std.	Y_3710
Units	Cts/S
Avg	3367.2
Stddev	123.3
%RSD	3.6602

#1	3454.3
#2	3280.0

Sample Name: S3 Acquired: 10/25/2018 11:30:02 Type: Cal
Method: P4-ICP2(v2524) 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	.19262	.52637	.90151	.27719	.59468	.05773	29.786	.14780
Stddev	.00016	.00211	.00243	.00204	.00078	.00006	.088	.00035
%RSD	.08457	.40157	.26971	.73624	.13171	.10611	.29621	.23368

#1	.19274	.52787	.90323	.27863	.59523	.05768	29.849	.14804
#2	.19251	.52488	.89979	.27575	.59412	.05777	29.724	.14755

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	5.1754	.61653	.11751	1.8781	.66307	4.3611	2.3043	.19837
Stddev	.0138	.00182	.00017	.0007	.00043	.0315	.0027	.00174
%RSD	.26616	.29593	.14070	.03825	.06544	.72313	.11808	.87697

#1	5.1852	.61782	.11739	1.8776	.66338	4.3834	2.3062	.19960
#2	5.1657	.61524	.11763	1.8786	.66277	4.3388	2.3024	.19714

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	1.0393	.17127	4.7723	.38275	115.78	1.2539	2.6365	.17359
Stddev	.0006	.00048	.0227	.00073	1.00	.0034	.0016	.00051
%RSD	.05784	.27946	.47621	.18952	.86546	.27483	.06208	.29534

#1	1.0397	.17093	4.7883	.38224	116.49	1.2563	2.6377	.17323
#2	1.0388	.17161	4.7562	.38327	115.07	1.2515	2.6354	.17395

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	.13489	1.0850	.57338	1.0737	6.1733	.2998	29.678	261.07
Stddev	.00039	.0062	.00060	.0014	.0271	.0007	.095	.82
%RSD	.28914	.56844	.10544	.13509	.43898	.2397	.31861	.31592

#1	.13516	1.0894	.57381	1.0747	6.1924	.3003	29.745	260.49
#2	.13461	1.0806	.57296	1.0727	6.1541	.2993	29.612	261.66

Sample Name: S3 Acquired: 10/25/2018 11:30:02 Type: Cal
Method: P4-ICP2(v2524) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-163.03
Stddev	15.34
%RSD	9.4103

#1	-152.18
#2	-173.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.9	30122.	3313.6	86.139	2266.6
Stddev	6.1	166.	25.4	.773	7.1
%RSD	.31713	.55118	.76747	.89694	.31432

#1	1927.6	30005.	3295.6	85.592	2261.6
#2	1936.2	30240.	3331.6	86.685	2271.7

Sample Name: S4 Acquired: 10/25/2018 11:33:48 Type: Cal
Method: P4-ICP2(v2524) 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	.38103	1.0411	1.7904	.54181	1.1743	.11413	58.287	.28994
Stddev	.00127	.0064	.0102	.00148	.0021	.00087	.588	.00040
%RSD	.33454	.61133	.56974	.27295	.18206	.75973	1.0085	.13775
#1	.38194	1.0456	1.7976	.54286	1.1758	.11474	57.871	.28966
#2	.38013	1.0366	1.7832	.54076	1.1728	.11352	58.703	.29023
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	10.313	1.2168	.22793	3.7424	1.2889	8.4810	4.4715	.39129
Stddev	.071	.0045	.00038	.0237	.0009	.0595	.0012	.00292
%RSD	.69150	.36845	.16569	.63381	.06822	.70206	.02593	.74649
#1	10.364	1.2137	.22766	3.7592	1.2895	8.4389	4.4707	.38923
#2	10.263	1.2200	.22820	3.7256	1.2883	8.5231	4.4723	.39336
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	2.0596	.33318	9.0703	.74600	223.55	2.4677	5.1640	.33945
Stddev	.0149	.00065	.0451	.00198	1.46	.0212	.0144	.00158
%RSD	.72297	.19504	.49697	.26594	.65318	.85956	.27838	.46460
#1	2.0701	.33272	9.0384	.74460	222.52	2.4527	5.1741	.33833
#2	2.0491	.33364	9.1022	.74740	224.58	2.4827	5.1538	.34056
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	.27227	2.0627	1.1380	2.1059	12.118	.6068	57.798	244.10
Stddev	.00197	.0287	.0055	.0088	.118	.0025	.563	5.10
%RSD	.72253	1.3931	.48155	.41670	.97696	.4101	.97388	2.0911
#1	.27366	2.0424	1.1418	2.0997	12.034	.6085	57.400	247.71
#2	.27088	2.0830	1.1341	2.1122	12.202	.6050	58.196	240.49

Sample Name: S4 Acquired: 10/25/2018 11:33:48 Type: Cal
Method: P4-ICP2(v2524) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-167.58
Stddev	7.14
%RSD	4.2581

#1	-162.53
#2	-172.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.1	30149.	3334.8	86.767	2208.3
Stddev	5.6	62.	20.0	.559	15.1
%RSD	.28861	.20618	.60062	.64432	.68467

#1	1921.2	30105.	3348.9	87.162	2197.6
#2	1929.1	30193.	3320.6	86.371	2219.0

Sample Name: S5 Acquired: 10/25/2018 11:37:35 Type: Cal
Method: P4-ICP2(v2524) 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	.76525	2.0841	3.6406	1.0847	2.3589	.23345	119.66	.58164
Stddev	.00703	.0176	.0234	.0128	.0236	.00064	2.66	.00398
%RSD	.91911	.84593	.64190	1.1807	1.0004	.27346	2.2198	.68494
#1	.77023	2.0966	3.6571	1.0937	2.3756	.23390	117.79	.58446
#2	.76028	2.0716	3.6240	1.0756	2.3422	.23300	121.54	.57883
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	20.974	2.4820	.44972	7.6193	2.5298	18.015	8.8197	.80608
Stddev	.150	.0748	.00189	.0515	.0292	.478	.0537	.02199
%RSD	.71610	3.0150	.42045	.67651	1.1550	2.6524	.60940	2.7281
#1	21.081	2.4291	.45106	7.6558	2.5504	17.677	8.8577	.79053
#2	20.868	2.5350	.44839	7.5829	2.5091	18.353	8.7817	.82163
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	4.1736	.66772	18.598	1.4841	468.84	5.1429	10.221	.70088
Stddev	.0271	.00415	.453	.0101	10.20	.1450	.094	.01905
%RSD	.64849	.62168	2.4361	.68275	2.1764	2.8201	.91659	2.7174
#1	4.1927	.67066	18.277	1.4912	461.62	5.0404	10.287	.68742
#2	4.1545	.66479	18.918	1.4769	476.05	5.2455	10.155	.71435
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	.57218	4.1915	2.3184	4.3128	25.120	1.257	117.80	218.10
Stddev	.00592	.1176	.0154	.1195	.689	.010	3.25	1.11
%RSD	1.0352	2.8045	.66416	2.7706	2.7440	.7982	2.7597	.50848
#1	.57636	4.1084	2.3293	4.2283	24.633	1.264	115.51	218.88
#2	.56799	4.2747	2.3075	4.3973	25.607	1.250	120.10	217.31

Sample Name: S5 Acquired: 10/25/2018 11:37:35 Type: Cal
Method: P4-ICP2(v2524) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-199.20
Stddev	1.79
%RSD	.89747

#1	-197.93
#2	-200.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.1	29258.	3198.4	79.702	2077.4
Stddev	20.2	202.	82.8	1.612	18.5
%RSD	1.0763	.69091	2.5884	2.0230	.89281

#1	1859.9	29115.	3256.9	80.842	2064.3
#2	1888.4	29401.	3139.9	78.561	2090.5

Sample Name: ICV01 Acquired: 10/25/2018 11:50:43 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0004	1.0081	.98063	.99637	.99030	2.5143	.50099
Stddev	.0058	.0051	.00260	.00271	.00097	.0090	.00458
%RSD	.57754	.50640	.26543	.27186	.09774	.35749	.91338

#1	.99630	1.0044	.98247	.99446	.99098	2.5207	.50422
#2	1.0045	1.0117	.97879	.99829	.98961	2.5080	.49775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47752	.47725	10.096	.49264	.48711	.50228	4.8446
Stddev	.00116	.00109	.146	.00136	.00117	.00090	.0964
%RSD	.24324	.22778	1.4465	.27665	.23928	.17859	1.9893

#1	.47834	.47648	10.199	.49360	.48629	.50164	4.9127
#2	.47669	.47802	9.9926	.49167	.48794	.50291	4.7765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52096	5.8161	.48887	.49626	9.6052	.49449	.98077
Stddev	.00105	.0171	.00151	.00037	.0298	.00189	.01754
%RSD	.20144	.29336	.30875	.07418	.30983	.38312	1.7879

#1	.52170	5.8281	.48780	.49652	9.5842	.49583	.99317
#2	.52021	5.8040	.48993	.49600	9.6263	.49315	.96837

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7025	2.5910	2.4894	F 2.6458	2.4161	2.4315	2.4863
Stddev	.0041	.0050	.0190	.0166	.0071	.0037	.0093
%RSD	.04205	.19379	.76490	.62571	.29329	.15032	.37393

#1	9.7054	2.5875	2.5029	2.6341	2.4211	2.4289	2.4929
#2	9.6996	2.5946	2.4759	2.6575	2.4111	2.4341	2.4798

Sample Name: ICV01 Acquired: 10/25/2018 11:50:43 Type: Unk
Method: P4-ICP2(v2524) 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 -.00159	F .0011	F .01145	.95704	F 1.9542
Stddev	.00088	.0017	.00004	.48445	.0597
%RSD	55.660	148.1	.33278	50.620	3.0542

#1	-.00221	.0023	.01143	1.2996	1.9120
#2	-.00096	-.0001	.01148	.61448	1.9964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.0	31371.	3448.0	90.343	2393.1
Stddev	.0	167.	4.9	1.767	.5
%RSD	.00028	.53194	.14305	1.9555	.01988

#1	1983.0	31253.	3444.5	89.093	2393.4
#2	1983.0	31489.	3451.5	91.592	2392.8

Sample Name: LLICV01 Acquired: 10/25/2018 11:54:35 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01977	.04436	.01289	.01911	.05554	.10000	.10503	.00619
Stddev	.00227	.00077	.00002	.00049	.00111	.00137	.00066	.00001
%RSD	11.486	1.7385	.12189	2.5875	1.9969	1.3657	.62464	.09871
#1	.02138	.04491	.01290	.01876	.05476	.09903	.10457	.00619
#2	.01817	.04382	.01288	.01946	.05633	.10096	.10550	.00620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00581	2.0881	.00966	.03268	.02059	.10836	.02241	2.1793
Stddev	.00002	.0006	.00046	.00014	.00004	.00663	.00007	.0065
%RSD	.42968	.02880	4.7667	.44082	.21443	6.1146	.30729	.29982
#1	.00580	2.0876	.00998	.03258	.02062	.10368	.02246	2.1747
#2	.00583	2.0885	.00933	.03279	.02056	.11305	.02236	2.1839
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04284	.00965	1.6021	.04472	.04277	1.9044	.20890	.09938
Stddev	.00017	.00059	.0007	.00028	.00115	.0043	.00003	.00526
%RSD	.40774	6.1129	.04559	.62802	2.6844	.22596	.01543	5.2976
#1	.04296	.01006	1.6026	.04452	.04358	1.9014	.20893	.10310
#2	.04272	.00923	1.6016	.04492	.04196	1.9074	.20888	.09566
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01868	.40673	.04237	.04411	.01714	.0199	.02014	F .67514
Stddev	.00231	.00280	.00048	.00054	.00049	.0008	.00009	.10530
%RSD	12.385	.68772	1.1416	1.2294	2.8573	4.015	.45297	15.596
#1	.01704	.40871	.04271	.04450	.01680	.0194	.02020	.60068
#2	.02031	.40476	.04203	.04373	.01749	.0205	.02007	.74959

Sample Name: LLICV01 Acquired: 10/25/2018 11:54:35 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .18373
Stddev .12580
%RSD 68.474

#1 .09477
#2 .27268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.4	31614.	3429.8	91.688	2468.3
Stddev	11.8	7.	18.8	2.834	13.1
%RSD	.59126	.02088	.54746	3.0913	.52877

#1	1993.0	31618.	3416.5	89.683	2459.0
#2	2009.7	31609.	3443.1	93.692	2477.5

Sample Name: ICB01 Acquired: 10/25/2018 11:58:38 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	.00208	-.00049	.00193	.00014	-.01143	-.00081	.00006
Stddev	.00114	.00121	.00058	.00155	.00102	.00399	.00009	.00002
%RSD	28.198	58.090	118.02	80.510	750.91	34.877	11.130	34.874
#1	-.00323	.00294	-.00008	.00303	-.00059	-.00861	-.00075	.00004
#2	-.00483	.00123	-.00090	.00083	.00086	-.01425	-.00088	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01547	.00003	.00006	.00017	-.00543	-.00002	-.00861
Stddev	.00001	.00758	.00012	.00013	.00022	.00036	.00004	.01040
%RSD	26.234	49.002	450.16	227.78	126.39	6.6232	165.06	120.87
#1	.00004	.01011	-.00006	-.00004	.00002	-.00569	-.00005	-.01596
#2	.00003	.02083	.00011	.00015	.00033	-.00518	.00000	-.00125
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00059	-.58285	.00076	-.00023	-.14277	-.00007	.00329
Stddev	.00014	.00029	.00379	.00005	.00007	.00617	.00043	.00181
%RSD	21.301	49.475	.64952	6.0538	30.773	4.3245	625.44	55.055
#1	.00077	-.00080	-.58018	.00073	-.00028	-.13840	-.00038	.00456
#2	.00057	-.00039	-.58553	.00080	-.00018	-.14713	.00024	.00201
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	-.00122	.00007	.00089	-.00317	.0035	.00004	F .38873
Stddev	.00169	.00134	.00019	.00155	.00006	.0004	.00004	.04347
%RSD	96.046	110.03	259.15	174.72	1.8488	10.31	123.74	11.183
#1	.00296	-.00216	-.00006	-.00021	-.00313	.0038	.00007	.35799
#2	.00057	-.00027	.00021	.00198	-.00321	.0033	.00000	.41947

Sample Name: ICB01 Acquired: 10/25/2018 11:58:38 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .22631
Stddev	.37106
%RSD	163.97

#1	-.03608
#2	.48869

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.6	31722.	3432.0	91.021	2471.2
Stddev	5.1	41.	41.1	.077	10.5
%RSD	.25499	.13075	1.1990	.08416	.42415

#1	1993.0	31693.	3402.9	90.967	2463.8
#2	2000.2	31752.	3461.1	91.075	2478.7

Sample Name: CRI01 Acquired: 10/25/2018 12:02:43 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01863	.04799	.01414	.02053	.05707	.11748	.10948	.00652
Stddev	.00106	.00008	.00054	.00417	.00160	.00253	.00032	.00009
%RSD	5.7027	.16539	3.8256	20.302	2.8088	2.1574	.29414	1.3978
#1	.01938	.04805	.01376	.02348	.05593	.11927	.10925	.00645
#2	.01788	.04793	.01452	.01758	.05820	.11569	.10971	.00658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	2.1746	.01062	.03400	.02138	.11651	.02363	2.1458
Stddev	.00014	.0077	.00055	.00010	.00021	.01648	.00014	.0506
%RSD	2.2342	.35219	5.1903	.28796	.97020	14.145	.58204	2.3573
#1	.00599	2.1692	.01023	.03407	.02152	.10486	.02373	2.1100
#2	.00618	2.1800	.01101	.03393	.02123	.12816	.02353	2.1816
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04469	.01071	1.6962	.04703	.04656	1.9953	.21621	.10665
Stddev	.00030	.00067	.0117	.00099	.00060	.0030	.00113	.00540
%RSD	.67741	6.2590	.69027	2.1124	1.2816	.15187	.52475	5.0667
#1	.04490	.01024	1.6879	.04632	.04613	1.9932	.21702	.11047
#2	.04448	.01118	1.7045	.04773	.04698	1.9974	.21541	.10283
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02520	.41509	.04262	.04625	.01802	.0216	.02090	F .63963
Stddev	.00236	.01142	.00094	.00061	.00047	.0003	.00005	.28856
%RSD	9.3698	2.7501	2.1944	1.3177	2.5988	1.539	.24958	45.114
#1	.02353	.40702	.04328	.04668	.01769	.0214	.02087	.43559
#2	.02687	.42316	.04196	.04582	.01836	.0219	.02094	.84368

Sample Name: CRI01 Acquired: 10/25/2018 12:02:43 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .43323
Stddev	.04401
%RSD	10.160

#1	.40210
#2	.46435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.1	31439.	3447.6	92.683	2460.9
Stddev	9.5	57.	20.2	.860	11.7
%RSD	.47629	.18185	.58453	.92823	.47467

#1	1990.4	31398.	3461.9	93.292	2452.7
#2	2003.8	31479.	3433.4	92.075	2469.2

Sample Name: ICSA01 Acquired: 10/25/2018 12:06:47 Type: Unk
Method: P4-ICP2(v2524) 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	.01250	-.01015	-.00258	.00660	.00201	274.34	.00593	-.00110
Stddev	.00090	.00021	.00007	.00436	.00138	1.85	.00012	.00012
%RSD	7.1784	2.0831	2.6876	66.082	68.690	.67380	2.0715	11.172
#1	.01187	-.01030	-.00263	.00351	.00298	273.04	.00602	-.00101
#2	.01314	-.01000	-.00253	.00968	.00103	275.65	.00584	-.00119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	245.27	.05363	-.00083	.00058	95.520	.01524	257.83
Stddev	.00010	3.81	.00041	.00006	.00014	.394	.00006	3.09
%RSD	6.5788	1.5535	.76980	6.7262	25.072	.41249	.37913	1.1983
#1	.00164	247.96	.05334	-.00087	.00047	95.799	.01528	260.01
#2	.00150	242.57	.05393	-.00079	.00068	95.242	.01519	255.64
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00657	-.00466	-.45641	.00154	.00159	-.09053	-.00058	-.02573
Stddev	.00017	.00051	.01699	.00040	.00031	.00634	.00058	.00025
%RSD	2.5447	11.038	3.7232	26.043	19.348	7.0060	99.977	.98160
#1	-.00645	-.00503	-.44439	.00183	.00181	-.08604	-.00017	-.02555
#2	-.00669	-.00430	-.46842	.00126	.00137	-.09501	-.00099	-.02590
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00892	-.00763	.00605	-.00324	.00111	.0018	F .10056	F .81202
Stddev	.00325	.00047	.00045	.00099	.00025	.0014	.00005	.35599
%RSD	36.468	6.1260	7.3857	30.623	22.152	80.46	.04837	43.840
#1	.01122	-.00730	.00573	-.00254	.00129	.0028	.10053	.56030
#2	.00662	-.00796	.00636	-.00394	.00094	.0008	.10060	1.0637

Sample Name: ICSA01 Acquired: 10/25/2018 12:06:47 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .33479
Stddev	.01929
%RSD	5.7623

#1	.34843
#2	.32115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.4	28943.	3407.6	84.597	2033.1
Stddev	5.0	.	68.4	1.127	4.8
%RSD	.26919	.00004	2.0069	1.3323	.23520

#1	1841.9	28943.	3359.2	83.800	2029.7
#2	1848.9	28943.	3455.9	85.394	2036.4

Sample Name: ICSAB01 Acquired: 10/25/2018 12:10:54 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11311	.09536	.04978	.06309	.63088	274.63	.51881
Stddev	.00349	.00148	.00098	.00111	.00232	.73	.00182
%RSD	3.0883	1.5472	1.9769	1.7591	.36792	.26636	.35056

#1	.11558	.09432	.05048	.06387	.63252	275.15	.52010
#2	.11064	.09641	.04909	.06230	.62923	274.11	.51753

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54607	1.0153	244.74	.55219	.51352	.51609	93.426
Stddev	.00240	.0004	1.64	.00113	.00072	.00239	1.825
%RSD	.43946	.03546	.67037	.20439	.14017	.46238	1.9540

#1	.54777	1.0150	245.90	.55139	.51301	.51778	92.135
#2	.54437	1.0155	243.58	.55298	.51403	.51441	94.717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53354	254.87	1.0058	.21111	-.49140	.50764	.99790
Stddev	.00161	.70	.0009	.00106	.00020	.00067	.01777
%RSD	.30103	.27570	.08864	.50149	.04090	.13261	1.7806

#1	.53467	255.37	1.0064	.21036	-.49126	.50811	.98534
#2	.53240	254.37	1.0052	.21186	-.49154	.50716	1.0105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08133	F 1.0461	F .98826	.00645	F .92614	F 1.0448	F 1.0030
Stddev	.02168	.0019	.00578	.00358	.00029	.0039	.0034
%RSD	26.655	.18341	.58513	55.451	.03096	.37169	.34424

#1	-.09666	1.0475	.98417	.00392	.92594	1.0421	1.0054
#2	-.06600	1.0448	.99235	.00898	.92635	1.0476	1.0005

Sample Name: ICSAB01 Acquired: 10/25/2018 12:10:54 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	F .0028	.09967	F 1.6622	F<.00000
Stddev	.00034	.0014	.00029	.2360	.50447
%RSD	239.42	48.84	.29338	14.198	1205.3

#1	.00010	.0038	.09988	1.8291	.31486
#2	-.00038	.0019	.09947	1.4954	-.39857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.3	28795.	3413.1	85.830	2025.9
Stddev	8.2	107.	23.4	1.323	4.9
%RSD	.44637	.37082	.68678	1.5417	.24215

#1	1824.5	28719.	3396.5	86.765	2022.5
#2	1836.0	28870.	3429.7	84.894	2029.4

Sample Name: CCV01 Acquired: 10/25/2018 12:38:11 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1151	5.0361	5.0237	5.1077	5.1537	10.379	10.001	.25345
Stddev	.0095	.0039	.0035	.0055	.0112	.052	.004	.00052
%RSD	.18551	.07673	.06898	.10752	.21761	.49708	.03823	.20490
#1	5.1084	5.0389	5.0212	5.1038	5.1457	10.415	10.004	.25309
#2	5.1218	5.0334	5.0261	5.1116	5.1616	10.342	9.9984	.25382
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4858	25.655	1.0090	2.4931	1.2896	4.8502	2.5504	24.870
Stddev	.0011	.116	.0016	.0028	.0019	.0591	.0045	.097
%RSD	.04466	.45030	.16005	.11293	.14536	1.2183	.17444	.39146
#1	2.4850	25.573	1.0079	2.4911	1.2883	4.8084	2.5473	24.801
#2	2.4866	25.736	1.0102	2.4951	1.2909	4.8920	2.5536	24.939
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4956	1.2505	24.623	2.5334	2.5803	24.943	5.1406	4.9755
Stddev	.0033	.0015	.005	.0006	.0322	.005	.0148	.0093
%RSD	.13239	.12379	.01996	.02177	1.2473	.01991	.28740	.18720
#1	2.4933	1.2494	24.619	2.5338	2.5575	24.940	5.1301	4.9689
#2	2.4980	1.2516	24.626	2.5330	2.6030	24.947	5.1510	4.9820
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0449	4.9535	4.9727	4.9494	4.9916	4.979	4.9391	F 3.2749
Stddev	.0037	.0248	.0123	.0145	.0007	.000	.0004	.2372
%RSD	.07416	.50025	.24644	.29313	.01478	.0014	.00810	7.2424
#1	5.0476	4.9360	4.9640	4.9597	4.9921	4.979	4.9388	3.1072
#2	5.0423	4.9710	4.9813	4.9392	4.9910	4.979	4.9394	3.4426

Sample Name: CCV01 Acquired: 10/25/2018 12:38:11 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7357
Stddev .0008
%RSD .02996

#1 2.7351
#2 2.7363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.5	30676.	3465.1	89.206	2258.5
Stddev	.9	11.	18.6	.880	3.0
%RSD	.04757	.03469	.53710	.98655	.13460

#1	1942.1	30683.	3478.2	89.828	2256.3
#2	1940.8	30668.	3451.9	88.583	2260.6

Sample Name: CCB01 Acquired: 10/25/2018 12:43:00 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00159	-.00031	-.00165	-.00101	-.00379	-.00052	.00003
Stddev	.00054	.00088	.00028	.00274	.00272	.00361	.00043	.00004
%RSD	74.634	55.054	89.814	166.11	269.34	95.038	82.900	129.82
#1	.00034	.00221	-.00011	.00029	.00091	-.00124	-.00021	.00000
#2	.00111	.00097	-.00050	-.00358	-.00293	-.00634	-.00082	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00922	-.00025	-.00008	-.00030	-.00038	-.00002	.00529
Stddev	.00000	.00620	.00026	.00010	.00068	.00442	.00003	.00143
%RSD	19.057	67.228	104.43	132.20	224.02	1150.9	140.49	27.135
#1	-.00002	.00484	-.00006	-.00015	.00018	-.00351	-.00000	.00630
#2	-.00002	.01361	-.00043	-.00000	-.00079	.00274	-.00004	.00427
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00038	-.64140	.00073	-.00026	-.15754	-.00000	-.00107
Stddev	.00032	.00006	.00103	.00003	.00001	.01612	.00040	.00784
%RSD	57.172	17.028	.16025	3.5001	2.6247	10.230	8062.5	736.18
#1	.00033	-.00042	-.64067	.00072	-.00026	-.14615	.00027	.00448
#2	.00078	-.00033	-.64212	.00075	-.00026	-.16894	-.00028	-.00661
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00083	-.00003	.00092	-.00350	.0009	-.00005	F .79989
Stddev	.00586	.00302	.00011	.00027	.00011	.0013	.00016	.30549
%RSD	1993.5	361.51	372.90	29.597	3.2161	145.9	333.46	38.192
#1	-.00385	-.00130	.00005	.00073	-.00358	.0018	.00006	.58387
#2	.00444	.00297	-.00010	.00111	-.00342	-.0000	-.00016	1.0159

Sample Name: CCB01 Acquired: 10/25/2018 12:43:00 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .07170
Stddev	.15625
%RSD	217.92

#1	-.03879
#2	.18219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.5	31628.	3421.6	90.763	2472.4
Stddev	10.4	57.	20.7	3.435	10.6
%RSD	.52330	.18076	.60411	3.7850	.42688

#1	1989.1	31669.	3407.0	88.333	2464.9
#2	2003.9	31588.	3436.2	93.192	2479.9

Sample Name: LR CHECK1 Acquired: 10/25/2018 12:47:06 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04228	-.10046	-.09655	-.23181	.05316	1936.9	.00820	.00033
Stddev	.00660	.00354	.00267	.00417	.00272	11.9	.00049	.00001
%RSD	15.602	3.5264	2.7631	1.7998	5.1136	.61372	5.9870	3.3306
#1	.04695	-.09795	-.09844	-.23476	.05509	1928.5	.00854	.00033
#2	.03762	-.10296	-.09467	-.22886	.05124	1945.3	.00785	.00034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05377	1780.5	.10850	.04075	.00105	F 956.62	.02890	F 1826.7
Stddev	.00061	5.0	.00130	.00009	.00122	1.93	.00019	13.5
%RSD	1.1283	.28239	1.1975	.21629	116.82	.20194	.66639	.73954
#1	.05334	1784.1	.10758	.04081	.00018	957.99	.02877	1836.3
#2	.05420	1776.9	.10942	.04068	.00191	955.26	.02904	1817.2
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11423	-.04100	1786.1	.00490	.08338	F 1042.3	.01270	-.12982
Stddev	.00028	.00029	19.7	.00057	.00046	4.1	.00179	.02239
%RSD	.24780	.70514	1.1031	11.640	.55361	.39241	14.088	17.246
#1	.11443	-.04079	1800.1	.00450	.08305	1045.2	.01144	-.14565
#2	.11403	-.04120	1772.2	.00530	.08370	1039.4	.01397	-.11399
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40490	.03717	.06187	-.05218	.02767	.0670	.01684	<.00000
Stddev	.00271	.00505	.00058	.00150	.00010	.0041	.00016	.32639
%RSD	.66925	13.587	.94501	2.8693	.36931	6.132	.96619	12.164
#1	.40682	.04074	.06229	-.05324	.02774	.0699	.01696	-2.9139
#2	.40299	.03360	.06146	-.05112	.02760	.0640	.01673	-2.4523

Sample Name: LR CHECK1 Acquired: 10/25/2018 12:47:06 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.3	23216.	3088.7	63.882	1310.0
Stddev	3.1	10.	20.2	.100	2.3
%RSD	.20904	.04094	.65431	.15665	.17690

#1	1491.0	23223.	3074.4	63.811	1308.4
#2	1495.5	23210.	3103.0	63.953	1311.7

Sample Name: LR CHECK2 Acquired: 10/25/2018 12:51:30 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	-.01703	245.12	.01160	-.03465	-.12963	94.514	-.00054
Stddev	.00230	.00114	.41	.00147	.00176	.00070	1.000	.00008
%RSD	99.486	6.7025	.16868	12.649	5.0663	.53664	1.0581	14.034

#1	.00069	-.01784	244.83	.01264	-.03341	-.13012	95.221	-.00059
#2	.00395	-.01622	245.42	.01056	-.03589	-.12913	93.807	-.00049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00770	.47282	-.09525	-.00800	241.62	-.57858	40.898	.02725
Stddev	.00021	.00001	.00054	.00007	.03	.00415	.077	.04507
%RSD	2.7756	.00304	.56351	.90843	.01290	.71717	.18904	165.41

#1	-.00785	.47283	-.09487	-.00805	241.60	-.57565	40.953	.05912
#2	-.00755	.47281	-.09563	-.00795	241.64	-.58152	40.844	-.00462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.864	.00793	.28598	-.00284	32.363	.35358	.00420	-.00042
Stddev	.127	.00106	.02779	.00049	.227	.00913	.00009	.00332
%RSD	.27171	13.412	9.7159	17.262	.70172	2.5828	2.0659	782.86

#1	46.774	.00718	.26633	-.00319	32.524	.34712	.00426	-.00277
#2	46.954	.00868	.30563	-.00249	32.202	.36004	.00414	.00192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08520	.04769	.00436	.02568	-.00140	-.1809	.00247	.70251
Stddev	.00047	.00083	.00036	.00048	.00078	.0065	.00016	.18448
%RSD	.54831	1.7436	8.2573	1.8750	55.538	3.612	6.6380	26.261

#1	.08487	.04710	.00461	.02534	-.00085	-.1855	.00258	.83295
#2	.08553	.04828	.00410	.02602	-.00195	-.1763	.00235	.57206

Sample Name: LR CHECK2 Acquired: 10/25/2018 12:51:30 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0436
Stddev .5088
%RSD 48.755

#1 1.4034
#2 .68382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.7	32026.	3537.7	88.929	2356.7
Stddev	2.1	47.	6.9	.642	4.8
%RSD	.11028	.14749	.19561	.72225	.20209

#1	1914.2	31993.	3532.8	88.475	2360.1
#2	1911.2	32060.	3542.6	89.383	2353.3

Sample Name: PB114128BL Acquired: 10/25/2018 12:55:50 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-01B 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	.00100	.00034	.00063	.00032	-.00788	-.00019	.00003
Stddev	.00076	.00201	.00092	.00133	.00026	.01327	.00061	.00009
%RSD	37.581	200.25	271.15	212.44	83.021	168.23	314.79	286.79

#1	-.00256	.00242	.00099	.00157	.00050	-.01726	.00024	.00010
#2	-.00148	-.00042	-.00031	-.00032	.00013	.00149	-.00063	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.03158	-.00047	.00018	.00020	.01265	.00005	-.01007
Stddev	.00010	.00568	.00013	.00006	.00025	.01395	.00006	.01261
%RSD	1501.0	17.996	28.251	33.468	121.48	110.29	107.45	125.24

#1	.00008	.02756	-.00038	.00014	.00003	.02252	.00010	-.01899
#2	-.00006	.03559	-.00057	.00022	.00038	.00279	.00001	-.00115

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	-.00029	.02828	.00113	.00019	.14507	-.00018	.00492
Stddev	.00006	.00011	.01154	.00027	.00014	.03352	.00059	.00141
%RSD	5.4849	37.702	40.815	23.889	76.254	23.108	324.47	28.584

#1	.00104	-.00037	.03644	.00132	.00029	.12137	-.00059	.00393
#2	.00113	-.00022	.02012	.00094	.00009	.16878	.00023	.00592

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	-.00081	.00063	.00108	.00245	-.0002	.00002	.38971
Stddev	.00136	.00123	.00081	.00160	.00024	.0019	.00009	.17165
%RSD	34.094	151.57	129.97	147.78	9.7545	899.4	509.43	44.046

#1	.00495	.00006	.00120	-.00005	.00261	-.0016	-.00005	.51109
#2	.00303	-.00168	.00005	.00222	.00228	.0012	.00008	.26834

Sample Name: PB114128BL Acquired: 10/25/2018 12:55:50 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-01B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.23173
%RSD	85.915

#1	-.10586
#2	-.43359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.9	32143.	3540.7	92.133	2516.9
Stddev	12.8	101.	54.8	2.345	17.2
%RSD	.63231	.31433	1.5488	2.5455	.68413

#1	2016.8	32072.	3501.9	90.475	2504.7
#2	2034.9	32215.	3579.5	93.792	2529.1

Sample Name: PB114128BS Acquired: 10/25/2018 12:59:58 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-01BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72804	1.8384	.90093	1.8693	.72937	1.8555	.19148	.18494
Stddev	.00208	.0035	.00138	.0073	.00264	.0144	.00031	.00087
%RSD	.28587	.19174	.15315	.38977	.36204	.77635	.16369	.46826

#1	.72951	1.8359	.89995	1.8744	.73124	1.8453	.19170	.18555
#2	.72657	1.8409	.90190	1.8641	.72750	1.8657	.19126	.18432

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17757	1.0031	.37154	.18038	.29722	2.7250	.19578	1.8283
Stddev	.00002	.0045	.00276	.00008	.00024	.0250	.00032	.0241
%RSD	.01189	.44785	.74241	.04339	.08186	.91656	.16501	1.3178

#1	.17756	1.0063	.37349	.18033	.29739	2.7074	.19601	1.8113
#2	.17759	.99991	.36959	.18044	.29705	2.7427	.19555	1.8454

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45399	.06605	2.5311	.28040	.18769	9.3245	.37323	.28594
Stddev	.00052	.00033	.0057	.00056	.00301	.0523	.00067	.00964
%RSD	.11538	.49745	.22386	.20017	1.6053	.56135	.17975	3.3717

#1	.45362	.06582	2.5271	.28000	.18556	9.3615	.37276	.27912
#2	.45436	.06628	2.5351	.28079	.18982	9.2875	.37371	.29275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.87846	.60497	.18199	.18891	5.017	.18552	.46399
Stddev	.00082	.00159	.00098	.00065	.00269	.011	.00023	.03619
%RSD	30.081	.18060	.16174	.35751	1.4252	.2247	.12196	7.7988

#1	-.00215	.87734	.60428	.18153	.19081	5.024	.18568	.43841
#2	-.00331	.87959	.60566	.18245	.18700	5.009	.18536	.48958

Sample Name: PB114128BS Acquired: 10/25/2018 12:59:58 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-01BDUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.62001
%RSD	84.401

#1	-.29619
#2	-1.1730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.9	31969.	3452.7	91.058	2484.9
Stddev	11.6	126.	7.5	.660	19.5
%RSD	.57083	.39493	.21681	.72477	.78627

#1	2016.8	31880.	3447.4	91.525	2471.1
#2	2033.1	32058.	3458.0	90.592	2498.7

Sample Name: PB114102BL Acquired: 10/25/2018 13:03:50 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB45914RT-GR 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	.00126	.00085	.00035	-.00022	-.00019	-.00064	.00003
Stddev	.00035	.00013	.00089	.00202	.00136	.00131	.00055	.00004
%RSD	15.019	10.304	105.19	581.74	616.02	685.77	85.918	147.24
#1	-.00206	.00117	.00022	-.00108	.00074	-.00111	-.00102	-.00000
#2	-.00254	.00136	.00147	.00177	-.00118	.00073	-.00025	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01354	-.00037	-.00016	.00035	.00274	.00004	-.01823
Stddev	.00004	.01042	.00018	.00026	.00055	.00844	.00006	.00263
%RSD	113.37	76.940	47.855	165.16	157.93	308.21	154.65	14.408
#1	-.00007	.00617	-.00025	-.00034	.00074	.00871	.00008	-.02009
#2	-.00001	.02090	-.00050	.00003	-.00004	-.00323	-.00000	-.01637
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00032	-.43830	.00076	-.00017	-.07194	-.00002	.00476
Stddev	.00049	.00035	.01274	.00002	.00001	.01479	.00007	.00191
%RSD	82.286	111.48	2.9075	3.1631	6.7829	20.555	293.27	40.082
#1	.00094	-.00057	-.44731	.00078	-.00016	-.08240	-.00007	.00341
#2	.00025	-.00007	-.42929	.00074	-.00018	-.06149	.00003	.00612
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	.00108	-.00019	.00163	-.00232	.0014	.00008	F .35851
Stddev	.00252	.00146	.00019	.00160	.00026	.0009	.00000	.17492
%RSD	53.123	135.29	98.375	98.511	11.007	63.88	4.5601	48.789
#1	.00652	.00211	-.00006	.00049	-.00214	.0020	.00009	.23483
#2	.00296	.00005	-.00032	.00276	-.00250	.0008	.00008	.48219

Sample Name: PB114102BL Acquired: 10/25/2018 13:03:50 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB45914RT-GR Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .13805
Stddev	.49587
%RSD	359.19

#1	-.21258
#2	.48869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.7	32781.	3522.1	95.246	2556.1
Stddev	.9	216.	21.4	.630	1.5
%RSD	.04377	.65922	.60785	.66197	.05882

#1	2061.1	32934.	3537.3	94.800	2557.2
#2	2062.4	32628.	3507.0	95.692	2555.0

Sample Name: J5625-01 Acquired: 10/25/2018 13:11:44 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09727	-.01198	2.3400	-.01530	.01674	93.769	1.0430
Stddev	.00114	.00193	.0145	.00689	.00158	.115	.0105
%RSD	1.1762	16.109	.61776	45.059	9.4217	.12258	1.0102

#1	.09646	-.01061	2.3503	-.01042	.01785	93.851	1.0505
#2	.09808	-.01334	2.3298	-.02017	.01562	93.688	1.0356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00557	.00443	95.500	.22298	.24205	1.0397	342.89
Stddev	.00011	.00118	.653	.00028	.00139	.0021	13.02
%RSD	2.0361	26.619	.68358	.12562	.57482	.20410	3.7971

#1	.00565	.00360	95.962	.22278	.24303	1.0412	352.09
#2	.00549	.00527	95.038	.22318	.24106	1.0382	333.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5975	35.814	.32495	.00191	1.1696	.26892	2.8358
Stddev	.0248	.277	.00250	.00158	.0232	.00091	.0962
%RSD	.37632	.77204	.76955	82.523	1.9791	.33832	3.3920

#1	6.6151	36.010	.32672	.00303	1.1860	.26956	2.9038
#2	6.5800	35.618	.32318	.00080	1.1533	.26827	2.7678

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.644	.01070	.14063	F 11.843	2.0191	.20663	2.6538
Stddev	.137	.00028	.02046	.083	.0036	.00160	.0052
%RSD	1.0075	2.6602	14.549	.70242	.17607	.77355	.19394

#1	13.742	.01090	.15510	11.902	2.0166	.20776	2.6574
#2	13.547	.01050	.12617	11.784	2.0216	.20550	2.6501

Sample Name: J5625-01 Acquired: 10/25/2018 13:11:44 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18219	6.254	.56777	<.00000	F<.00000
Stddev	.00137	.060	.00651	.35810	1.8877
%RSD	.75022	.9624	1.1462	1.2346	2.2063

#1	.18315	6.296	.57237	-29.258	-84.224
#2	.18122	6.211	.56317	-28.751	-86.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.5	37232.	4343.3	85.839	2165.2
Stddev	20.3	35.	26.3	3.095	23.4
%RSD	.87673	.09517	.60656	3.6062	1.0787

#1	2302.1	37258.	4324.7	83.650	2148.7
#2	2330.9	37207.	4361.9	88.028	2181.7

Sample Name: J5625-03 Acquired: 10/25/2018 13:15:39 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12302	-.01368	1.9616	-.01451	.01887	92.265	1.0263
Stddev	.00496	.00130	.0056	.00043	.00006	.620	.0013
%RSD	4.0321	9.4931	.28401	2.9944	.31324	.67238	.12306

#1	.11951	-.01460	1.9656	-.01482	.01882	92.703	1.0272
#2	.12652	-.01276	1.9577	-.01420	.01891	91.826	1.0254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	.00518	121.40	.22903	.11653	.95567	368.14
Stddev	.00015	.00028	.22	.00362	.00065	.00296	.88
%RSD	2.6873	5.4847	.17924	1.5808	.55620	.30977	.23985

#1	.00585	.00538	121.24	.23159	.11698	.95776	367.52
#2	.00564	.00497	121.55	.22647	.11607	.95357	368.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5712	33.325	.30391	.00102	.98700	.27353	2.7225
Stddev	.0146	.130	.00037	.00093	.00121	.00331	.0015
%RSD	.22215	.39082	.12100	91.106	.12266	1.2112	.05404

#1	6.5816	33.233	.30417	.00036	.98615	.27587	2.7214
#2	6.5609	33.417	.30365	.00168	.98786	.27118	2.7235

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.651	.01922	.10896	F 11.774	2.3117	.11572	2.2703
Stddev	.060	.00028	.00459	.038	.0178	.00026	.0109
%RSD	.47721	1.4519	4.2171	.32178	.77154	.22205	.47872

#1	12.694	.01942	.10571	11.801	2.3243	.11554	2.2780
#2	12.608	.01903	.11221	11.748	2.2991	.11590	2.2626

Sample Name: J5625-03 Acquired: 10/25/2018 13:15:39 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16935	6.660	.77709	<.00000	F<.00000
Stddev	.00204	.012	.00105	.37847	.63747
%RSD	1.2046	.1833	.13484	1.2678	.64571

#1	.16791	6.668	.77783	-30.120	-99.173
#2	.17080	6.651	.77635	-29.585	-98.272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.3	37064.	4278.1	86.180	2150.4
Stddev	2.7	311.	5.5	.067	.1
%RSD	.11476	.83957	.12906	.07822	.00501

#1	2316.2	36844.	4274.2	86.228	2150.4
#2	2312.5	37285.	4282.0	86.132	2150.3

Sample Name: J5625-05 Acquired: 10/25/2018 13:19:35 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08170	-.01237	1.5940	-.00204	.01209	89.300	1.1477
Stddev	.00122	.00226	.0091	.00719	.00172	.158	.0687
%RSD	1.4947	18.260	.57347	353.20	14.220	.17721	5.9826

#1	.08084	-.01077	1.6004	-.00712	.01330	89.411	1.0991
#2	.08257	-.01397	1.5875	.00305	.01087	89.188	1.1962

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	.00338	240.55	.18780	.12039	.82967	317.46
Stddev	.00018	.00222	15.98	.00068	.00052	.00154	18.98
%RSD	3.3343	65.920	6.6432	.36300	.43583	.18546	5.9786

#1	.00521	.00495	229.25	.18828	.12076	.83075	304.04
#2	.00546	.00180	251.85	.18732	.12002	.82858	330.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7165	34.837	.30810	.00413	1.1271	.24518	2.4890
Stddev	.0098	2.075	.00151	.00269	.1181	.00005	.1549
%RSD	.12728	5.9554	.48878	65.242	10.476	.02147	6.2215

#1	7.7096	33.370	.30916	.00222	1.0437	.24514	2.3795
#2	7.7235	36.304	.30703	.00604	1.2106	.24522	2.5985

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.354	.00800	.12109	8.9125	2.4298	.09878	2.2729
Stddev	.787	.00029	.00187	.0090	.1518	.00009	.1176
%RSD	5.8966	3.5656	1.5481	.10139	6.2455	.09098	5.1746

#1	12.797	.00780	.11977	8.9061	2.3225	.09884	2.1898
#2	13.911	.00820	.12242	8.9189	2.5371	.09872	2.3561

Sample Name: J5625-05 Acquired: 10/25/2018 13:19:35 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17984	7.489	.82096	<.00000	F<.00000
Stddev	.01065	.013	.04679	.16710	1.4215
%RSD	5.9242	.1718	5.6993	.86183	1.9455

#1	.17230	7.498	.78788	-19.507	-72.061
#2	.18737	7.480	.85405	-19.271	-74.071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.9	38788.	4416.8	83.731	2132.9
Stddev	8.9	.	276.9	5.092	7.1
%RSD	.36513	.00065	6.2690	6.0815	.33436

#1	2431.6	38787.	4612.6	87.332	2127.8
#2	2444.2	38788.	4221.1	80.131	2137.9

Sample Name: J5625-07 Acquired: 10/25/2018 13:23:31 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08081	-.01103	1.5673	-.01589	.01541	91.058	.93001
Stddev	.00064	.00208	.0082	.00137	.00179	.209	.01287
%RSD	.78839	18.818	.52604	8.6339	11.602	.22986	1.3838

#1	.08036	-.01250	1.5732	-.01686	.01415	90.910	.93911
#2	.08126	-.00956	1.5615	-.01492	.01667	91.206	.92091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00539	.00367	120.88	.21584	.11870	.83215	328.17
Stddev	.00034	.00099	1.02	.00390	.00040	.00141	9.15
%RSD	6.3614	26.997	.84537	1.8080	.33756	.16936	2.7890

#1	.00515	.00437	121.61	.21308	.11899	.83314	321.70
#2	.00563	.00297	120.16	.21860	.11842	.83115	334.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0745	35.658	.28944	.00001	.87418	.25691	2.2208
Stddev	.0364	.260	.00010	.00083	.01318	.00219	.0661
%RSD	.59982	.73037	.03400	7864.2	1.5081	.85096	2.9759

#1	6.0487	35.842	.28951	-.00057	.88350	.25536	2.1741
#2	6.1002	35.474	.28937	.00059	.86485	.25845	2.2675

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.199	.00937	.08941	9.1492	1.6570	.10598	2.0241
Stddev	.118	.00001	.02540	.0116	.0097	.00100	.0211
%RSD	.96497	.12897	28.406	.12624	.58495	.94183	1.0415

#1	12.282	.00938	.07145	9.1573	1.6638	.10669	2.0390
#2	12.115	.00937	.10737	9.1410	1.6501	.10528	2.0092

Sample Name: J5625-07 Acquired: 10/25/2018 13:23:31 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17894	6.585	.64343	<.00000	F<.00000
Stddev	.00202	.016	.00715	.36072	1.7417
%RSD	1.1264	.2437	1.1109	1.3980	2.1521

#1	.18036	6.596	.64849	-26.057	-79.700
#2	.17751	6.573	.63838	-25.547	-82.163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.0	36108.	4264.9	86.267	2167.1
Stddev	.7	88.	40.4	2.563	5.8
%RSD	.03041	.24453	.94635	2.9706	.26909

#1	2269.5	36170.	4236.4	88.079	2163.0
#2	2270.4	36045.	4293.5	84.455	2171.3

Sample Name: PB114171BS Acquired: 10/25/2018 13:27:27 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB45914RT-OI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70088	1.7569	.86067	1.7951	.71274	1.8020	.18403
Stddev	.00153	.0072	.00140	.0066	.00195	.0046	.00109
%RSD	.21817	.40672	.16284	.36919	.27299	.25230	.59429

#1	.69980	1.7619	.85968	1.7998	.71412	1.8052	.18480
#2	.70197	1.7518	.86166	1.7904	.71137	1.7988	.18326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17654	.16988	.95555	.35597	.17262	.28703	2.5945
Stddev	.00006	.00018	.00869	.00315	.00104	.00020	.0711
%RSD	.03208	.10795	.90959	.88485	.60029	.06981	2.7410

#1	.17650	.17001	.96169	.35374	.17336	.28717	2.6448
#2	.17658	.16975	.94940	.35819	.17189	.28689	2.5442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18789	1.7175	.43280	.06292	F 2.0995	.26680	.17710
Stddev	.00036	.0011	.00102	.00025	.0131	.00018	.00312
%RSD	.19206	.06265	.23501	.40021	.62191	.06933	1.7596

#1	.18814	1.7167	.43352	.06274	2.1088	.26667	.17931
#2	.18763	1.7182	.43208	.06310	2.0903	.26693	.17490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8701	.36326	.26780	8.4377	.83687	.58457	.17930
Stddev	.0194	.00161	.00204	.0473	.00441	.00111	.00079
%RSD	.21862	.44327	.76013	.56012	.52645	.18971	.43950

#1	8.8838	.36212	.26636	8.4711	.83376	.58379	.17986
#2	8.8564	.36440	.26924	8.4043	.83999	.58536	.17874

Sample Name: PB114171BS Acquired: 10/25/2018 13:27:27 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB45914RT-OI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17868	F 4.795	.17842	F<.00000	F<.00000
Stddev	.00079	.004	.00113	.24342	.15439
%RSD	.44180	.0886	.63590	1195.4	15.203

#1	.17923	4.792	.17923	.15176	-1.1247
#2	.17812	4.798	.17762	-.19248	-.90636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.6	32328.	3540.1	94.008	2516.2
Stddev	1.7	58.	2.6	1.579	.4
%RSD	.08335	.17878	.07291	1.6799	.01773

#1	2034.8	32287.	3538.3	92.892	2515.9
#2	2032.4	32369.	3542.0	95.125	2516.5

Sample Name: CCV02 Acquired: 10/25/2018 13:31:17 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0714	4.9611	4.9393	5.0976	5.1488	10.447	9.9603	.24863
Stddev	.0250	.0012	.0052	.0030	.0204	.016	.0363	.00018
%RSD	.49243	.02501	.10547	.05831	.39686	.15391	.36439	.07189
#1	5.0890	4.9602	4.9429	5.0997	5.1633	10.459	9.9346	.24851
#2	5.0537	4.9620	4.9356	5.0954	5.1344	10.436	9.9859	.24876
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4362	25.245	.98069	2.4527	1.2808	4.8621	2.4977	24.226
Stddev	.0010	.119	.00146	.0014	.0020	.0349	.0008	.127
%RSD	.04318	.47181	.14854	.05796	.15739	.71757	.03240	.52284
#1	2.4369	25.161	.97966	2.4537	1.2822	4.8868	2.4971	24.136
#2	2.4354	25.329	.98172	2.4517	1.2794	4.8375	2.4983	24.315
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4557	1.2283	24.347	2.4835	2.5620	24.701	5.1130	4.8819
Stddev	.0019	.0044	.085	.0025	.0174	.172	.0137	.0287
%RSD	.07774	.36108	.35078	.10176	.67714	.69744	.26859	.58714
#1	2.4570	1.2252	24.287	2.4817	2.5742	24.579	5.1227	4.8616
#2	2.4543	1.2314	24.407	2.4853	2.5497	24.823	5.1033	4.9022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9867	4.8102	4.8664	4.8627	4.9717	4.933	4.9004	F 2.5045
Stddev	.0101	.0317	.0010	.0230	.0084	.008	.0136	.8802
%RSD	.20239	.65888	.02168	.47319	.16830	.1707	.27833	35.147
#1	4.9939	4.7878	4.8672	4.8464	4.9657	4.939	4.8907	1.8820
#2	4.9796	4.8326	4.8657	4.8789	4.9776	4.927	4.9100	3.1269

Sample Name: CCV02 Acquired: 10/25/2018 13:31:17 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-07 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2672
Stddev .4042
%RSD 17.827

#1 1.9814
#2 2.5530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.9	31366.	3598.6	90.071	2303.5
Stddev	7.9	71.	18.7	.809	8.0
%RSD	.39967	.22757	.52077	.89776	.34606

#1	1960.4	31316.	3611.8	89.500	2297.9
#2	1971.5	31417.	3585.3	90.643	2309.2

Sample Name: CCB02 Acquired: 10/25/2018 13:35:03 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	.00152	.00030	-.00102	.00004	-.00963	-.00111
Stddev	.00036	.00001	.00110	.00063	.00223	.00305	.00045
%RSD	17.515	.59559	366.93	62.199	5500.4	31.650	40.201

#1	-.00181	.00152	.00108	-.00147	.00162	-.00748	-.00080
#2	-.00232	.00153	-.00048	-.00057	-.00154	-.01179	-.00143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00007	.01416	-.00027	-.00008	.00033	.00981
Stddev	.00001	.00007	.01596	.00003	.00016	.00049	.00958
%RSD	202.69	95.760	112.75	10.749	200.34	149.00	97.579

#1	.00001	.00013	.02545	-.00025	.00003	.00067	.00304
#2	-.00000	.00002	.00287	-.00029	-.00019	-.00002	.01659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00663	.00097	-.00036	-.66672	.00098	-.00032
Stddev	.00001	.00006	.00033	.00009	.00389	.00023	.00006
%RSD	28246.	.97657	34.288	23.850	.58324	23.682	17.671

#1	.00001	.00668	.00074	-.00042	-.66947	.00115	-.00028
#2	-.00001	.00659	.00121	-.00030	-.66397	.00082	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14410	.00001	-.00175	.00264	-.00447	.00014	.00163
Stddev	.00456	.00023	.00246	.00680	.00285	.00099	.00125
%RSD	3.1665	2389.9	140.88	257.83	63.881	688.17	76.753

#1	-.14733	-.00015	-.00349	.00745	-.00245	.00085	.00075
#2	-.14087	.00017	-.00001	-.00217	-.00649	-.00056	.00252

Sample Name: CCB02 Acquired: 10/25/2018 13:35:03 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DW-08 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00404	.0016	.00006	F<.00000	F<.00000
Stddev	.00008	.0012	.00005	.07919	.04420
%RSD	1.8735	72.86	96.676	119.99	16.025

#1	-.00398	.0008	.00009	-.01000	-.30710
#2	-.00409	.0025	.00002	-.12199	-.24459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.6	32905.	3632.7	95.650	2557.7
Stddev	2.0	20.	30.0	1.438	.7
%RSD	.09901	.05933	.82629	1.5032	.02912

#1	2054.1	32919.	3611.5	94.633	2558.2
#2	2051.2	32892.	3653.9	96.667	2557.2

Sample Name: J5625-09 Acquired: 10/25/2018 13:39:08 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09370	-.01381	2.0209	-.01609	.01770	94.769	.99568
Stddev	.00446	.00221	.0017	.00276	.00076	.453	.00083
%RSD	4.7642	16.039	.08173	17.143	4.3087	.47776	.08321

#1	.09054	-.01537	2.0221	-.01414	.01716	94.449	.99510
#2	.09685	-.01224	2.0198	-.01805	.01824	95.089	.99627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01008	.00540	109.97	.29046	.14836	1.1261	347.00
Stddev	.00020	.00050	.19	.00165	.00052	.0014	3.37
%RSD	1.9918	9.2323	.17507	.56772	.35241	.12621	.97109

#1	.00994	.00505	109.83	.29163	.14873	1.1271	349.39
#2	.01022	.00576	110.10	.28930	.14799	1.1251	344.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2353	38.204	.43138	.00102	1.1677	.27382	3.2513
Stddev	.0212	.071	.00003	.00071	.0009	.00054	.0382
%RSD	.34008	.18522	.00661	69.202	.08091	.19688	1.1737

#1	6.2503	38.254	.43136	.00152	1.1684	.27344	3.2783
#2	6.2203	38.154	.43140	.00052	1.1670	.27421	3.2244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.000	.01447	.14812	9.6238	3.6777	.18078	2.3899
Stddev	.019	.00011	.00313	.0304	.0099	.00150	.0027
%RSD	.13744	.76808	2.1132	.31596	.26905	.82962	.11085

#1	13.987	.01439	.15033	9.6453	3.6707	.17972	2.3918
#2	14.014	.01455	.14591	9.6023	3.6847	.18184	2.3881

Sample Name: J5625-09 Acquired: 10/25/2018 13:39:08 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18971	7.312	.62175	<.00000	F<.00000
Stddev	.00074	.005	.00086	.61651	.61112
%RSD	.39234	.0713	.13862	1.9827	.62888

#1	.18918	7.315	.62235	-30.658	-96.744
#2	.19024	7.308	.62114	-31.530	-97.608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.7	38274.	4528.2	90.233	2188.2
Stddev	7.5	7.	12.0	1.232	8.6
%RSD	.31533	.01821	.26495	1.3651	.39230

#1	2372.4	38278.	4519.7	89.362	2182.2
#2	2383.0	38269.	4536.6	91.104	2194.3

Sample Name: J5625-11 Acquired: 10/25/2018 13:43:05 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09233	-.01283	1.5373	-.01876	.01364	92.574	.95446
Stddev	.00211	.00143	.0023	.00150	.00037	.173	.00420
%RSD	2.2843	11.179	.15009	8.0194	2.7103	.18721	.44041

#1	.09382	-.01182	1.5357	-.01769	.01390	92.451	.95743
#2	.09084	-.01385	1.5390	-.01982	.01338	92.696	.95149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00578	.00435	97.691	.27192	.11731	.84408	323.05
Stddev	.00006	.00023	.367	.00195	.00006	.00066	3.16
%RSD	1.0729	5.3676	.37519	.71549	.05293	.07870	.97972

#1	.00574	.00419	97.432	.27054	.11727	.84455	325.28
#2	.00583	.00452	97.950	.27329	.11735	.84361	320.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1485	35.984	.32668	.00040	.81088	.26069	2.2666
Stddev	.0044	.121	.00171	.00072	.01019	.00040	.0222
%RSD	.08603	.33515	.52202	181.29	1.2563	.15411	.98026

#1	5.1516	36.069	.32789	.00091	.81808	.26040	2.2823
#2	5.1454	35.898	.32547	-.00011	.80368	.26097	2.2508

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.119	.01134	.09637	8.8870	2.0330	.10167	2.4091
Stddev	.028	.00033	.00000	.0067	.0079	.00132	.0150
%RSD	.19982	2.9248	.00344	.07527	.38744	1.2955	.62439

#1	14.139	.01110	.09637	8.8823	2.0275	.10074	2.4197
#2	14.099	.01157	.09637	8.8918	2.0386	.10260	2.3985

Sample Name: J5625-11 Acquired: 10/25/2018 13:43:05 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18846	6.308	.62799	<.00000	F<.00000
Stddev	.00043	.010	.00350	.76812	.96318
%RSD	.22675	.1520	.55685	2.6300	1.1022

#1	.18815	6.315	.63047	-28.663	-86.705
#2	.18876	6.301	.62552	-29.749	-88.067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.6	37710.	4495.8	90.869	2222.4
Stddev	10.7	4.	7.3	.957	6.8
%RSD	.45940	.01015	.16322	1.0531	.30392

#1	2323.1	37713.	4490.6	90.192	2217.7
#2	2338.2	37707.	4501.0	91.545	2227.2

Sample Name: J5625-13 Acquired: 10/25/2018 13:47:02 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04737	-.01007	1.0770	-.01233	.00509	95.235	.85658
Stddev	.00207	.00034	.0022	.00067	.00104	.691	.00492
%RSD	4.3736	3.4222	.20492	5.4515	20.523	.72582	.57391

#1	.04591	-.00983	1.0786	-.01186	.00435	95.724	.85310
#2	.04884	-.01031	1.0754	-.01281	.00583	94.746	.86005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00481	.00356	48.395	.16973	.12022	.38676	235.68
Stddev	.00012	.00032	.433	.00122	.00044	.00041	.50
%RSD	2.5727	8.8575	.89499	.72157	.36659	.10703	.21062

#1	.00472	.00378	48.089	.17060	.12053	.38706	235.33
#2	.00490	.00334	48.701	.16887	.11991	.38647	236.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5297	45.150	.33388	.00155	.87477	.22903	2.1219
Stddev	.0533	.401	.00128	.00034	.00726	.00142	.0046
%RSD	.96323	.88865	.38351	21.827	.82986	.62205	.21665

#1	5.5673	44.866	.33479	.00131	.86963	.23003	2.1186
#2	5.4920	45.433	.33298	.00179	.87990	.22802	2.1251

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.779	.00321	.06036	3.0357	2.0138	.04084	2.0673
Stddev	.190	.00021	.00126	.0081	.0178	.00141	.0012
%RSD	1.2072	6.4119	2.0929	.26786	.88185	3.4615	.05955

#1	15.645	.00336	.06126	3.0415	2.0013	.04184	2.0664
#2	15.914	.00307	.05947	3.0300	2.0264	.03984	2.0682

Sample Name: J5625-13 Acquired: 10/25/2018 13:47:02 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18108	7.520	.21525	<.00000	F<.00000
Stddev	.00050	.009	.00197	.10598	1.3432
%RSD	.27440	.1227	.91706	.51589	2.8026

#1	.18143	7.527	.21385	-20.469	-48.876
#2	.18072	7.514	.21664	-20.619	-46.976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.5	38249.	4493.5	88.458	2252.3
Stddev	2.9	207.	46.4	.227	2.9
%RSD	.12048	.54172	1.0320	.25648	.12690

#1	2373.5	38102.	4526.3	88.619	2250.3
#2	2369.5	38395.	4460.7	88.298	2254.4

Sample Name: J5625-15 Acquired: 10/25/2018 13:50:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5626-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04767	-.00987	1.2130	-.02028	.01040	93.374	.92290
Stddev	.00017	.00108	.0019	.00132	.00105	.141	.00550
%RSD	.36327	10.954	.15998	6.5056	10.074	.15061	.59637

#1	.04779	-.01064	1.2117	-.01935	.01114	93.275	.92679
#2	.04755	-.00911	1.2144	-.02121	.00966	93.474	.91900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00481	.00396	49.281	.17831	.12686	.40938	246.33
Stddev	.00011	.00028	.362	.00163	.00030	.00103	.44
%RSD	2.3054	7.1173	.73448	.91442	.23527	.25146	.17938

#1	.00489	.00416	49.537	.17716	.12707	.40865	246.64
#2	.00474	.00376	49.025	.17946	.12665	.41010	246.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4887	43.733	.31767	.00015	.70699	.20555	1.7588
Stddev	.0106	.453	.00126	.00043	.00973	.00000	.0062
%RSD	.19369	1.0368	.39808	291.26	1.3767	.00213	.35483

#1	5.4962	44.053	.31678	-.00016	.71387	.20556	1.7632
#2	5.4812	43.412	.31857	.00045	.70011	.20555	1.7544

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.139	.00434	.05842	4.5371	3.0863	.04807	1.8901
Stddev	.136	.00015	.00051	.0112	.0364	.00100	.0061
%RSD	.95872	3.4333	.87721	.24754	1.1792	2.0867	.32434

#1	14.235	.00423	.05806	4.5450	3.1120	.04736	1.8944
#2	14.043	.00444	.05879	4.5291	3.0605	.04878	1.8858

Sample Name: J5625-15 Acquired: 10/25/2018 13:50:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5626-01MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17706	6.514	.23347	<.00000	F<.00000
Stddev	.00200	.006	.00090	1.1213	.51646
%RSD	1.1309	.0942	.38599	4.8698	.94465

#1	.17848	6.510	.23411	-22.233	-54.307
#2	.17564	6.518	.23284	-23.819	-55.037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.9	37677.	4438.5	90.653	2257.0
Stddev	9.9	15.	44.4	.366	9.6
%RSD	.42251	.03955	1.0013	.40349	.42642

#1	2332.9	37687.	4407.1	90.394	2250.2
#2	2346.9	37666.	4470.0	90.911	2263.8

Sample Name: J5626-01 Acquired: 10/25/2018 13:54:56 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02729	-.03878	.60202	-.00099	.00795	129.13	.56517
Stddev	.00016	.00065	.00335	.00013	.00011	.39	.00390
%RSD	.59952	1.6807	.55710	12.920	1.3238	.30217	.69091

#1	.02741	-.03832	.59965	-.00090	.00788	129.41	.56793
#2	.02718	-.03924	.60439	-.00108	.00802	128.86	.56241

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00585	174.63	.46231	.24777	3.7002	515.28
Stddev	.00009	.00091	1.52	.00077	.00004	.0063	8.19
%RSD	5.1701	15.513	.87180	.16583	.01581	.17074	1.5891

#1	.00170	.00521	175.70	.46177	.24780	3.6958	521.07
#2	.00182	.00649	173.55	.46285	.24774	3.7047	509.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8875	76.795	.45623	.01555	17.657	1.4998	5.4581
Stddev	.0039	.413	.00415	.00127	.169	.0008	.0590
%RSD	.10036	.53736	.90874	8.1484	.95921	.05586	1.0815

#1	3.8848	77.087	.45330	.01645	17.777	1.5003	5.4998
#2	3.8903	76.503	.45917	.01466	17.537	1.4992	5.4163

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3503	.00865	3.0936	F 27.847	5.6932	.11384	F 12.928
Stddev	.0971	.00016	.0317	.074	.0188	.00013	.063
%RSD	1.3210	1.8675	1.0249	.26587	.33116	.11172	.49053

#1	7.4189	.00876	3.1160	27.795	5.7066	.11393	12.973
#2	7.2816	.00854	3.0712	27.899	5.6799	.11375	12.883

Sample Name: J5626-01 Acquired: 10/25/2018 13:54:56 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09747	8.325	.43488	<.00000	F<.00000
Stddev	.00019	.038	.00433	.13617	1.4401
%RSD	.19548	.4534	.99605	.32153	.85785

#1	.09760	8.299	.43794	-42.447	-166.86
#2	.09733	8.352	.43181	-42.255	-168.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.4	42190.	5138.1	82.253	2026.4
Stddev	2.2	91.	13.1	.940	2.4
%RSD	.08471	.21482	.25430	1.1429	.11616

#1	2602.0	42254.	5128.9	81.589	2028.0
#2	2598.9	42126.	5147.3	82.918	2024.7

Sample Name: PB114171BL Acquired: 10/25/2018 14:25:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.00025	-.00055	-.00203	-.00138	-.00139	-.00113	.00004
Stddev	.00188	.00068	.00067	.00055	.00248	.00357	.00030	.00002
%RSD	319.22	269.36	121.50	26.914	179.24	256.37	26.591	55.917

#1	.00074	.00073	-.00102	-.00164	-.00314	.00113	-.00135	.00002
#2	-.00192	-.00023	-.00008	-.00241	.00037	-.00392	-.00092	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00700	-.00034	-.00012	.00019	.01157	-.00000	-.02275
Stddev	.00003	.00869	.00048	.00013	.00080	.00671	.00001	.02097
%RSD	50.567	124.22	140.45	107.39	414.02	57.986	178.08	92.177

#1	.00007	.00085	-.00068	-.00003	.00075	.01631	.00000	-.00792
#2	.00003	.01314	-.00000	-.00021	-.00037	.00683	-.00001	-.03757

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00036	-.76392	.00082	-.00032	-.16588	-.00037	-.00174
Stddev	.00038	.00004	.00043	.00027	.00001	.00418	.00033	.00046
%RSD	27.877	9.9498	.05619	32.595	1.6728	2.5176	88.766	26.626

#1	.00164	-.00033	-.76422	.00063	-.00033	-.16293	-.00060	-.00142
#2	.00110	-.00038	-.76361	.00100	-.00032	-.16884	-.00014	-.00207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00853	-.00025	.00018	.00119	-.00324	.0021	.00001	F .08674
Stddev	.00060	.00011	.00004	.00104	.00134	.0005	.00011	.13145
%RSD	6.9881	41.975	22.252	87.852	41.271	24.67	851.56	151.55

#1	.00896	-.00033	.00021	.00192	-.00230	.0024	-.00007	.17969
#2	.00811	-.00018	.00016	.00045	-.00419	.0017	.00009	-.00621

Sample Name: PB114171BL Acquired: 10/25/2018 14:25:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .21892
Stddev .35803
%RSD 163.55

#1 .47209
#2 -.03425

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.0	32840.	3616.4	91.871	2562.3
Stddev	5.8	60.	37.5	.477	8.2
%RSD	.28470	.18388	1.0371	.51953	.31965

#1	2048.2	32883.	3589.9	92.208	2568.1
#2	2039.9	32797.	3642.9	91.533	2556.5

Sample Name: J4767-02 Acquired: 10/25/2018 14:33:55 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	.00127	-.00076	-.00008	-.00187	.03510	-.00031	-.00002
Stddev	.00069	.00065	.00022	.00298	.00074	.01897	.00058	.00004
%RSD	27.217	51.083	29.600	3638.1	39.389	54.053	184.27	214.10

#1	-.00204	.00173	-.00092	.00202	-.00135	.04851	.00009	.00001
#2	-.00301	.00081	-.00060	-.00219	-.00239	.02168	-.00072	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.09744	-.00050	-.00008	.00909	.01418	.00045	.02659
Stddev	.00006	.00980	.00021	.00016	.00039	.00381	.00003	.04165
%RSD	75.651	10.062	41.398	199.05	4.3414	26.887	7.5067	156.64

#1	.00003	.10437	-.00036	-.00020	.00881	.01688	.00047	.05604
#2	.00011	.09051	-.00065	.00003	.00937	.01149	.00042	-.00286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00026	-.90106	.00091	.01535	-.21571	.00001	-.00245
Stddev	.00001	.00013	.00030	.00014	.00011	.00089	.00020	.00565
%RSD	.34413	47.638	.03297	15.267	.74870	.41357	1356.7	230.57

#1	.00184	-.00035	-.90127	.00101	.01543	-.21634	.00015	.00154
#2	.00185	-.00017	-.90085	.00082	.01526	-.21508	-.00012	-.00644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02588	-.00047	-.00016	.00047	-.00708	.0025	.00042	<.00000
Stddev	.00348	.00010	.00052	.00037	.00082	.0013	.00000	.00402
%RSD	13.429	21.734	319.49	77.834	11.519	51.82	1.0781	.52005

#1	.02343	-.00040	.00021	.00021	-.00766	.0016	.00041	-.76960
#2	.02834	-.00054	-.00053	.00073	-.00651	.0035	.00042	-.77528

Sample Name: J4767-02 Acquired: 10/25/2018 14:33:55 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .35224
%RSD 116.10

#1 -.05433
#2 -.55247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.5	34578.	3772.0	97.458	2675.4
Stddev	8.1	13.	3.1	1.355	4.2
%RSD	.37925	.03899	.08282	1.3906	.15682

#1	2124.8	34569.	3769.8	96.500	2672.5
#2	2136.2	34588.	3774.2	98.417	2678.4

Sample Name: J5626-01DUP Acquired: 10/25/2018 14:39:45 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02595	-.04192	.60919	-.00860	.00845	132.60	.57247
Stddev	.00174	.00075	.00233	.00355	.00125	.67	.00288
%RSD	6.7002	1.7797	.38271	41.254	14.843	.50336	.50298

#1	.02472	-.04245	.61084	-.00609	.00756	133.07	.57450
#2	.02718	-.04139	.60754	-.01111	.00934	132.13	.57043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00891	175.37	.45357	.25700	3.7234	514.95
Stddev	.00007	.00015	.06	.00016	.00113	.0029	.70
%RSD	4.8167	1.6640	.03421	.03622	.44005	.07870	.13670

#1	.00145	.00902	175.32	.45369	.25780	3.7213	514.46
#2	.00155	.00881	175.41	.45346	.25620	3.7255	515.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9155	76.472	.46296	.01628	17.658	1.4956	5.3760
Stddev	.0005	.043	.00220	.00031	.017	.0045	.0083
%RSD	.01351	.05646	.47589	1.8826	.09902	.29753	.15538

#1	3.9151	76.502	.46452	.01607	17.670	1.4988	5.3701
#2	3.9158	76.441	.46140	.01650	17.646	1.4925	5.3819

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3225	.00809	3.5725	F 28.530	7.3646	.11536	F 13.719
Stddev	.0110	.00027	.0076	.000	.0196	.00252	.049
%RSD	.14973	3.3573	.21173	.00078	.26640	2.1805	.35993

#1	7.3148	.00790	3.5671	28.530	7.3507	.11714	13.754
#2	7.3303	.00828	3.5778	28.530	7.3785	.11358	13.684

Sample Name: J5626-01DUP Acquired: 10/25/2018 14:39:45 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09794	8.724	.43323	<.00000	F<.00000
Stddev	.00004	.009	.00135	.65357	1.6255
%RSD	.04080	.1086	.31217	1.5051	.90268

#1	.09797	8.731	.43418	-42.961	-178.92
#2	.09791	8.718	.43227	-43.885	-181.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.9	42312.	5264.3	83.333	1991.9
Stddev	2.6	113.	3.7	.035	2.7
%RSD	.10092	.26673	.07020	.04238	.13533

#1	2571.1	42232.	5267.0	83.358	1990.0
#2	2574.8	42392.	5261.7	83.308	1993.8

Sample Name: PB114102BS Acquired: 10/25/2018 14:51:55 Type: Unk
Method: P4-ICP2(v2524) 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	.69990	1.7127	.84652	1.7725	.71178	1.7782	.18106
Stddev	.00067	.0004	.00212	.0007	.00244	.0057	.00030
%RSD	.09589	.02621	.25030	.04022	.34299	.31916	.16752

#1	.70037	1.7124	.84801	1.7730	.71005	1.7742	.18128
#2	.69943	1.7130	.84502	1.7720	.71350	1.7822	.18085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17308	.16514	.92245	.34155	.16932	.28338	2.5823
Stddev	.00080	.00033	.00731	.00049	.00031	.00024	.0026
%RSD	.45963	.19946	.79220	.14252	.18169	.08581	.10078

#1	.17251	.16537	.92761	.34121	.16910	.28321	2.5841
#2	.17364	.16491	.91728	.34189	.16954	.28355	2.5805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18280	1.6749	.42135	.06131	2.5000	.25861	.17907
Stddev	.00058	.0276	.00000	.00089	.0021	.00086	.00000
%RSD	.31907	1.6479	.00043	1.4531	.08355	.33129	.00125

#1	.18239	1.6554	.42135	.06194	2.5015	.25921	.17907
#2	.18322	1.6944	.42135	.06068	2.4985	.25800	.17907

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6609	.36207	.26377	8.3306	.82154	.57065	.17504
Stddev	.0249	.00074	.00626	.0194	.00789	.00068	.00419
%RSD	.28703	.20467	2.3717	.23304	.95981	.11972	2.3943

#1	8.6784	.36155	.25935	8.3443	.82711	.57016	.17800
#2	8.6433	.36260	.26819	8.3168	.81596	.57113	.17208

Sample Name: PB114102BS Acquired: 10/25/2018 14:51:55 Type: Unk
Method: P4-ICP2(v2524) 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	.17597	F 4.717	.17338	F .04923	F<.00000
Stddev	.00150	.001	.00069	.16520	.38763
%RSD	.85261	.0236	.39832	335.60	23.573

#1	.17703	4.716	.17387	-.06759	-1.3703
#2	.17491	4.718	.17289	.16604	-1.9185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.3	32424.	3574.2	92.054	2528.5
Stddev	9.2	91.	38.4	.477	16.0
%RSD	.45616	.27979	1.0737	.51850	.63144

#1	2015.8	32488.	3547.1	91.717	2517.2
#2	2028.9	32360.	3601.3	92.392	2539.8

Sample Name: J5626-01LX5 Acquired: 10/25/2018 14:55:44 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5626-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00936	-.00263	.11198	-.01153	.00079	30.324	.13872
Stddev	.00351	.00019	.00093	.00250	.00087	.070	.00089
%RSD	37.534	7.3747	.82852	21.672	110.04	.22948	.64316

#1	.01184	-.00250	.11264	-.01330	.00141	30.373	.13809
#2	.00688	-.00277	.11133	-.00976	.00018	30.275	.13935

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.00005	44.399	.14388	.04510	.97359	93.673
Stddev	.00007	.00013	.480	.00111	.00009	.00158	.610
%RSD	19.970	238.20	1.0811	.76970	.19785	.16228	.65147

#1	-.00041	-.00004	44.060	.14310	.04517	.97470	94.105
#2	-.00031	.00014	44.738	.14467	.04504	.97247	93.242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0268	19.082	.09711	-.00087	3.7107	.37785	1.0337
Stddev	.0039	.110	.00009	.00003	.0218	.00278	.0006
%RSD	.38218	.57483	.09019	3.2550	.58777	.73447	.05381

#1	1.0296	19.005	.09705	-.00089	3.6953	.37589	1.0333
#2	1.0241	19.160	.09717	-.00085	3.7261	.37982	1.0341

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6478	.00558	.84127	4.8828	1.9399	.02281	3.4401
Stddev	.0150	.00037	.00867	.0116	.0272	.00029	.0003
%RSD	.91055	6.7019	1.0301	.23846	1.4016	1.2789	.00887

#1	1.6584	.00585	.83514	4.8911	1.9206	.02302	3.4403
#2	1.6372	.00532	.84740	4.8746	1.9591	.02260	3.4399

Sample Name: J5626-01LX5 Acquired: 10/25/2018 14:55:44 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5626-01MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01985	1.503	.10770	<.00000	F<.00000
Stddev	.00034	.001	.00033	.39120	.07418
%RSD	1.6993	.0690	.30643	5.2658	1.3752

#1	.02009	1.502	.10793	-7.1525	-5.4463
#2	.01961	1.504	.10746	-7.7058	-5.3414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.7	33799.	3933.6	89.758	2333.5
Stddev	4.7	204.	14.8	.196	1.5
%RSD	.22591	.60412	.37646	.21859	.06458

#1	2085.4	33654.	3944.1	89.620	2332.4
#2	2092.0	33943.	3923.1	89.897	2334.6

Sample Name: CCV03 Acquired: 10/25/2018 14:59:38 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0411	4.8308	4.8658	5.0105	5.1060	10.312	9.8163	.24506
Stddev	.0085	.0070	.0170	.0098	.0086	.013	.0050	.00036
%RSD	.16912	.14486	.34854	.19644	.16840	.12226	.05099	.14891
#1	5.0351	4.8259	4.8538	5.0036	5.0999	10.304	9.8199	.24531
#2	5.0472	4.8358	4.8778	5.0175	5.1120	10.321	9.8128	.24480
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3839	24.853	.95503	2.4163	1.2576	4.8299	2.4604	23.960
Stddev	.0041	.208	.00032	.0050	.0048	.0809	.0015	.347
%RSD	.17352	.83585	.03396	.20776	.37967	1.6754	.06315	1.4489
#1	2.3810	24.706	.95480	2.4128	1.2543	4.8871	2.4615	23.715
#2	2.3868	25.000	.95526	2.4199	1.2610	4.7727	2.4593	24.206
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3923	1.2030	23.604	2.4051	2.5490	24.309	5.0818	4.7726
Stddev	.0063	.0038	.066	.0019	.0220	.050	.0160	.0412
%RSD	.26557	.31343	.27779	.08014	.86250	.20592	.31484	.86299
#1	2.3878	1.2056	23.558	2.4038	2.5645	24.273	5.0704	4.7435
#2	2.3968	1.2003	23.651	2.4065	2.5334	24.344	5.0931	4.8018
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9201	4.7380	4.7717	4.8032	4.8710	4.827	4.7929	F 3.1741
Stddev	.0158	.0477	.0046	.0231	.0013	.007	.0024	.3054
%RSD	.32066	1.0058	.09626	.48127	.02589	.1396	.04914	9.6216
#1	4.9089	4.7043	4.7685	4.7869	4.8701	4.823	4.7945	2.9582
#2	4.9312	4.7717	4.7750	4.8196	4.8719	4.832	4.7912	3.3901

Sample Name: CCV03 Acquired: 10/25/2018 14:59:38 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.0338
 Stddev .2797
 %RSD 13.753

#1 2.2316
 #2 1.8360

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.5	31415.	3625.8	89.505	2313.3
Stddev	1.5	32.	19.1	.819	.5
%RSD	.07455	.10193	.52600	.91490	.02139

#1	1959.5	31393.	3639.3	88.926	2313.7
#2	1957.4	31438.	3612.3	90.084	2313.0

Sample Name: CCB03 Acquired: 10/25/2018 15:03:23 Type: Unk
Method: P4-ICP2(v2524) 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	-.00400	.00135	-.00039	.00015	.00025	-.00080	-.00117
Stddev	.00160	.00057	.00058	.00117	.00047	.00409	.00025
%RSD	39.961	42.123	149.18	762.95	186.89	509.05	21.195

#1	-.00513	.00095	.00002	-.00067	.00058	.00209	-.00099
#2	-.00287	.00175	-.00080	.00098	-.00008	-.00370	-.00135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00003	.00188	-.00036	-.00006	.00016	.00661
Stddev	.00007	.00000	.00486	.00028	.00039	.00015	.00162
%RSD	59.831	12.070	258.90	76.329	627.96	91.269	24.516

#1	.00017	.00003	-.00156	-.00017	-.00034	.00006	.00546
#2	.00007	.00003	.00531	-.00056	.00021	.00027	.00775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01267	.00101	-.00028	-.79161	.00066	.00022
Stddev	.00002	.01538	.00024	.00008	.00562	.00006	.00001
%RSD	106.21	121.35	23.463	27.903	.70960	8.9313	5.5380

#1	.00003	-.00180	.00117	-.00034	-.79558	.00062	.00021
#2	.00000	-.02355	.00084	-.00023	-.78763	.00070	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17838	.00009	.00366	F .00809	-.00199	.00072	.00143
Stddev	.01030	.00017	.00334	.00213	.00005	.00084	.00050
%RSD	5.7729	175.86	91.188	26.361	2.5132	116.88	34.637

#1	-.18566	-.00002	.00602	.00959	-.00202	.00131	.00178
#2	-.17110	.00021	.00130	.00658	-.00195	.00012	.00108

Sample Name: CCB03 Acquired: 10/25/2018 15:03:23 Type: Unk
Method: P4-ICP2(v2524) 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	-.00516	-.0003	.00005	F .20692	F<.00000
Stddev	.00063	.0003	.00001	.07750	.25547
%RSD	12.211	98.45	23.914	37.456	75.166

#1	-.00560	-.0001	.00006	.15211	-.52053
#2	-.00471	-.0006	.00004	.26172	-.15923

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.6	32771.	3589.0	90.854	2571.5
Stddev	2.6	20.	5.5	.242	4.1
%RSD	.12627	.06151	.15457	.26591	.16127

#1	2041.8	32785.	3585.1	91.025	2568.5
#2	2045.4	32757.	3592.9	90.683	2574.4

Sample Name: J5626-02 Acquired: 10/25/2018 15:07:28 Type: Unk
Method: P4-ICP2(v2524) 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	.52632	1.6208	1.4254	1.2302	.52427	129.68	.68161
Stddev	.00047	.0059	.0004	.0034	.00022	.68	.00199
%RSD	.08870	.36249	.02458	.28023	.04210	.52201	.29216

#1	.52665	1.6166	1.4252	1.2326	.52443	129.20	.68302
#2	.52599	1.6249	1.4257	1.2277	.52411	130.16	.68021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12816	.17600	172.91	.67179	.41769	3.7499	490.28
Stddev	.00053	.00003	.74	.00366	.00012	.0197	1.76
%RSD	.41285	.01611	.42973	.54483	.02973	.52592	.35848

#1	.12779	.17602	173.44	.66920	.41778	3.7639	489.03
#2	.12854	.17598	172.39	.67438	.41761	3.7360	491.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9309	75.693	.86197	.05959	19.003	1.6245	5.2823
Stddev	.0207	.007	.00093	.00057	.042	.0104	.0269
%RSD	.52587	.00948	.10731	.94900	.22285	.64002	.50950

#1	3.9163	75.688	.86263	.05999	19.033	1.6171	5.2633
#2	3.9456	75.698	.86132	.05919	18.973	1.6318	5.3013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.564	.26070	3.6566	F 35.480	7.9998	.69641	F 13.520
Stddev	.065	.00072	.0006	.116	.0014	.00022	.007
%RSD	.47722	.27591	.01791	.32690	.01698	.03187	.05166

#1	13.610	.26121	3.6561	35.562	8.0008	.69657	13.525
#2	13.518	.26019	3.6570	35.398	7.9989	.69625	13.515

Sample Name: J5626-02 Acquired: 10/25/2018 15:07:28 Type: Unk
 Method: P4-ICP2(v2524) 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	.22760	F 13.21	.53975	<.00000	F<.00000
Stddev	.00135	.07	.00071	.05860	.41940
%RSD	.59200	.4977	.13069	.13715	.23212

#1	.22856	13.26	.54025	-42.770	-180.38
#2	.22665	13.16	.53925	-42.688	-180.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.3	42478.	5226.0	85.260	2058.8
Stddev	15.7	161.	17.3	.235	11.8
%RSD	.60088	.38010	.33127	.27586	.57370

#1	2600.2	42592.	5213.7	85.427	2050.4
#2	2622.4	42364.	5238.2	85.094	2067.1

Sample Name: J5626-03 Acquired: 10/25/2018 15:11:20 Type: Unk
Method: P4-ICP2(v2524) 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	.53373	1.6231	1.4291	1.2416	.52605	127.89	.67763
Stddev	.00244	.0110	.0039	.0055	.00505	.56	.00749
%RSD	.45635	.67993	.27122	.44293	.95905	.43981	1.1047

#1	.53545	1.6309	1.4318	1.2455	.52962	128.28	.68293
#2	.53200	1.6153	1.4263	1.2377	.52249	127.49	.67234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12745	.17656	172.66	.66445	.41940	3.7499	493.40
Stddev	.00045	.00107	.76	.00189	.00321	.0076	1.67
%RSD	.34923	.60530	.43944	.28491	.76505	.20336	.33795

#1	.12713	.17732	173.19	.66579	.42167	3.7445	494.57
#2	.12776	.17581	172.12	.66312	.41713	3.7552	492.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8943	75.934	.86543	.06015	18.944	1.6088	5.3445
Stddev	.0054	.614	.00534	.00038	.267	.0041	.0173
%RSD	.13843	.80861	.61675	.62462	1.4116	.25672	.32439

#1	3.8981	76.368	.86920	.06042	19.133	1.6117	5.3568
#2	3.8905	75.500	.86165	.05988	18.755	1.6059	5.3323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.535	.26087	3.6761	F 35.638	8.0124	.69912	F 13.474
Stddev	.161	.00145	.0212	.049	.0344	.00824	.150
%RSD	1.1909	.55590	.57585	.13637	.42941	1.1784	1.1160

#1	13.648	.26189	3.6911	35.672	8.0367	.70494	13.580
#2	13.421	.25984	3.6611	35.603	7.9880	.69329	13.367

Sample Name: J5626-03 Acquired: 10/25/2018 15:11:20 Type: Unk
 Method: P4-ICP2(v2524) 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	.22899	F 13.24	.53743	<.00000	F<.00000
Stddev	.00216	.02	.00705	.76525	.91557
%RSD	.94257	.1309	1.3126	1.7907	.51872

#1	.23051	13.22	.54241	-42.194	-177.15
#2	.22746	13.25	.53244	-43.276	-175.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2602.1	42677.	5186.8	84.069	2051.0
Stddev	1.5	229.	45.8	.324	3.0
%RSD	.05789	.53601	.88329	.38573	.14706

#1	2603.1	42516.	5154.4	83.840	2048.8
#2	2601.0	42839.	5219.2	84.299	2053.1

Sample Name: J5626-01A Acquired: 10/25/2018 15:15:12 Type: Unk
Method: P4-ICP2(v2524) 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	.54449	1.6577	1.4521	1.2714	.54409	130.31	.68842
Stddev	.00099	.0055	.0039	.0021	.00141	.56	.00412
%RSD	.18171	.32948	.26713	.16751	.25910	.43177	.59891

#1	.54519	1.6615	1.4548	1.2729	.54310	130.70	.68551
#2	.54379	1.6538	1.4493	1.2699	.54509	129.91	.69134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13315	.18044	174.40	.68143	.42670	3.7617	503.75
Stddev	.00037	.00182	1.03	.00367	.00007	.0092	12.73
%RSD	.27661	1.0069	.59308	.53833	.01666	.24476	2.5262

#1	.13341	.18172	173.67	.68403	.42665	3.7552	494.75
#2	.13289	.17915	175.13	.67884	.42675	3.7682	512.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9696	76.610	.87918	.06260	19.197	1.6435	5.4526
Stddev	.0237	.746	.00139	.00237	.116	.0069	.1268
%RSD	.59773	.97334	.15801	3.7787	.60518	.41825	2.3262

#1	3.9864	76.083	.88017	.06093	19.115	1.6483	5.3629
#2	3.9528	77.137	.87820	.06428	19.279	1.6386	5.5423

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.732	.27101	3.7005	F 36.467	8.0673	.72580	F 13.638
Stddev	.096	.00040	.0542	.156	.0387	.00176	.091
%RSD	.69615	.14880	1.4654	.42766	.47936	.24223	.66474

#1	13.665	.27130	3.6621	36.356	8.0400	.72455	13.574
#2	13.800	.27073	3.7388	36.577	8.0947	.72704	13.702

Sample Name: J5626-01A Acquired: 10/25/2018 15:15:12 Type: Unk
 Method: P4-ICP2(v2524) 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	.23060	F 13.43	.54512	<.00000	F<.00000
Stddev	.00046	.05	.00328	.28153	1.2333
%RSD	.19893	.3892	.60240	.65818	.70334

#1	.23028	13.40	.54280	-42.574	-174.48
#2	.23093	13.47	.54744	-42.972	-176.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.9	41878.	5136.3	82.351	2037.8
Stddev	5.6	233.	25.5	1.789	8.1
%RSD	.21749	.55556	.49684	2.1718	.39537

#1	2598.9	41713.	5154.4	83.616	2043.5
#2	2590.9	42042.	5118.3	81.086	2032.1

Sample Name: J5634-01 Acquired: 10/25/2018 15:19:04 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	.00163	-.00045	-.00183	.00086	.06464	.01088	.00004
Stddev	.00091	.00078	.00026	.00011	.00015	.00126	.00067	.00006
%RSD	32.510	47.832	57.816	6.2604	17.478	1.9482	6.1501	156.88

#1	-.00215	.00108	-.00064	-.00175	.00075	.06553	.01135	-.00000
#2	-.00344	.00218	-.00027	-.00191	.00096	.06375	.01041	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	7.9980	.00031	.00000	.01609	.08775	.00404	.83426
Stddev	.00008	.1580	.00014	.00004	.00027	.00702	.00007	.00414
%RSD	129.65	1.9758	44.456	768.09	1.7082	7.9973	1.8479	.49609

#1	.00001	8.1098	.00040	.00003	.01628	.09271	.00409	.83134
#2	.00012	7.8863	.00021	-.00002	.01590	.08279	.00399	.83719

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	-.00051	3.8385	.00118	.03763	4.5700	.00089	.05257
Stddev	.00020	.00048	.0345	.00028	.00093	.0169	.00006	.00432
%RSD	5.5670	94.165	.89973	23.739	2.4759	.37056	6.5797	8.2109

#1	.00378	-.00085	3.8629	.00138	.03829	4.5820	.00093	.04952
#2	.00349	-.00017	3.8141	.00098	.03697	4.5580	.00085	.05563

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6685	1.4620	.00030	.00096	-.00101	.0291	.02276	<.00000
Stddev	.0209	.0279	.00152	.00046	.00062	.0011	.00012	.68773
%RSD	1.2520	1.9059	496.89	47.573	61.010	3.857	.53076	154.86

#1	1.6833	1.4817	-.00077	.00129	-.00057	.0299	.02267	-.93040
#2	1.6537	1.4423	.00138	.00064	-.00144	.0283	.02284	.04219

Sample Name: J5634-01 Acquired: 10/25/2018 15:19:04 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .32045
Stddev .27819
%RSD 86.811

#1 .51716
#2 .12374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.5	34636.	3870.5	98.950	2704.7
Stddev	10.4	401.	37.0	2.369	9.7
%RSD	.48501	1.1574	.95522	2.3939	.35719

#1	2128.2	34919.	3844.4	97.275	2697.9
#2	2142.8	34352.	3896.7	100.63	2711.6

Sample Name: J5634-01DUP Acquired: 10/25/2018 15:23:09 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	.00114	-.00015	-.00238	-.00019	.05906	.01105	.00002
Stddev	.00049	.00156	.00027	.00131	.00114	.01718	.00018	.00002
%RSD	15.956	136.92	177.03	55.106	600.06	29.090	1.6502	102.84

#1	-.00272	.00004	.00004	-.00331	.00062	.04692	.01092	.00004
#2	-.00341	.00225	-.00034	-.00145	-.00100	.07121	.01118	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	8.0030	.00076	-.00006	.01594	.08178	.00392	.85277
Stddev	.00009	.0738	.00039	.00009	.00039	.01508	.00003	.01017
%RSD	164.90	.92233	51.293	150.10	2.4479	18.439	.86882	1.1928

#1	.00012	8.0552	.00103	-.00012	.01622	.09244	.00394	.85996
#2	-.00001	7.9508	.00048	.00000	.01567	.07112	.00389	.84557

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	-.00071	3.8669	.00139	.03820	4.6162	.00067	.05433
Stddev	.00007	.00048	.0358	.00018	.00093	.0706	.00016	.00083
%RSD	2.0503	68.002	.92533	13.094	2.4366	1.5286	24.019	1.5229

#1	.00334	-.00037	3.8922	.00126	.03886	4.6661	.00055	.05492
#2	.00325	-.00105	3.8416	.00152	.03754	4.5663	.00078	.05375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6532	1.4654	.00060	.00138	-.00137	.0277	.02295	<.00000
Stddev	.0048	.0248	.00069	.00110	.00114	.0008	.00000	.09303
%RSD	.29105	1.6947	114.11	80.182	82.937	2.870	.01125	20.667

#1	1.6498	1.4829	.00109	.00060	-.00057	.0271	.02295	-.38437
#2	1.6566	1.4478	.00012	.00216	-.00217	.0282	.02295	-.51594

Sample Name: J5634-01DUP Acquired: 10/25/2018 15:23:09 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .22797
Stddev .58431
%RSD 256.30

#1 -.18519
#2 .64114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.8	34832.	3806.8	96.988	2690.0
Stddev	.8	108.	54.1	2.304	4.5
%RSD	.03996	.31141	1.4217	2.3756	.16599

#1	2121.4	34755.	3768.5	95.358	2693.2
#2	2120.2	34909.	3845.0	98.617	2686.8

Sample Name: J5634-01LX5 Acquired: 10/25/2018 15:27:14 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	.00123	-.00115	-.00148	.00077	.01420	.00097	.00006
Stddev	.00043	.00148	.00047	.00135	.00018	.00087	.00071	.00003
%RSD	16.887	120.48	41.011	91.191	23.324	6.1464	73.419	51.786

#1	-.00286	.00018	-.00082	-.00244	.00065	.01358	.00148	.00004
#2	-.00225	.00227	-.00149	-.00053	.00090	.01482	.00047	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	1.6658	-.00015	-.00010	.00345	.02017	.00084	.14077
Stddev	.00003	.0427	.00033	.00011	.00060	.00039	.00004	.01577
%RSD	43.399	2.5615	223.66	111.38	17.487	1.9465	4.2800	11.202

#1	.00004	1.6357	-.00038	-.00002	.00388	.02045	.00087	.15192
#2	.00008	1.6960	.00009	-.00018	.00302	.01989	.00082	.12962

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	.00001	.17840	.00082	.00798	.82766	-.00000	.01306
Stddev	.00013	.00014	.00347	.00001	.00024	.02237	.00005	.00180
%RSD	6.7012	1334.8	1.9477	.69745	3.0188	2.7030	26749.	13.753

#1	.00201	.00011	.17594	.00082	.00815	.84348	.00003	.01433
#2	.00183	-.00009	.18085	.00081	.00781	.81184	-.00003	.01179

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35339	.30629	.00033	.00041	-.00354	.0062	.00483	.08037
Stddev	.00187	.00302	.00117	.00145	.00030	.0002	.00008	.20907
%RSD	.53047	.98479	358.51	351.68	8.4112	2.789	1.6496	260.12

#1	.35206	.30416	.00116	-.00061	-.00375	.0063	.00489	.22821
#2	.35471	.30843	-.00050	.00144	-.00333	.0061	.00478	-.06746

Sample Name: J5634-01LX5 Acquired: 10/25/2018 15:27:14 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .07165
 Stddev .27932
 %RSD 389.83

#1 .26916
 #2 -.12586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.4	33343.	3685.7	92.979	2621.4
Stddev	24.4	68.	4.9	2.728	27.0
%RSD	1.1776	.20345	.13273	2.9343	1.0290

#1	2051.2	33295.	3689.1	91.050	2602.3
#2	2085.6	33391.	3682.2	94.908	2640.5

Sample Name: J5634-01MS Acquired: 10/25/2018 15:31:19 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66363	1.5809	.79005	1.6471	.69509	1.7520	.17985	.16679
Stddev	.00453	.0046	.00259	.0050	.00044	.0036	.00072	.00004
%RSD	.68314	.29203	.32786	.30088	.06298	.20485	.39998	.02515
#1	.66042	1.5776	.79188	1.6436	.69540	1.7546	.18036	.16682
#2	.66683	1.5841	.78822	1.6506	.69478	1.7495	.17934	.16676
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15429	8.6986	.32233	.15832	.27959	2.5229	.17595	2.4636
Stddev	.00070	.1060	.00204	.00002	.00043	.0329	.00020	.0410
%RSD	.45387	1.2187	.63247	.01392	.15261	1.3024	.11114	1.6633
#1	.15479	8.7735	.32378	.15830	.27989	2.4997	.17609	2.4926
#2	.15380	8.6236	.32089	.15833	.27929	2.5461	.17582	2.4346
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39447	.05811	6.1744	.24508	.20537	12.888	.35329	.27824
Stddev	.00220	.00003	.1000	.00101	.00133	.094	.00057	.00488
%RSD	.55677	.05943	1.6200	.41381	.64714	.72796	.16102	1.7526
#1	.39602	.05814	6.2451	.24436	.20443	12.954	.35288	.27479
#2	.39292	.05809	6.1037	.24579	.20631	12.821	.35369	.28169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6342	2.2059	.55630	.16689	.16433	4.454	.18117	<.00000
Stddev	.0050	.0416	.00131	.00234	.00189	.016	.00217	.29836
%RSD	.30398	1.8863	.23523	1.4032	1.1505	.3509	1.1978	152.67
#1	1.6378	2.2353	.55723	.16855	.16567	4.465	.18270	-.40639
#2	1.6307	2.1764	.55537	.16524	.16300	4.443	.17964	.01554

Sample Name: J5634-01MS Acquired: 10/25/2018 15:31:19 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .00012
%RSD .01923

#1 -.64466
#2 -.64448

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.4	34628.	3892.1	98.343	2684.2
Stddev	10.9	5.	65.1	.210	18.6
%RSD	.50820	.01425	1.6716	.21399	.69124

#1	2133.8	34625.	3846.1	98.492	2671.1
#2	2149.1	34632.	3938.1	98.194	2697.3

Sample Name: J5634-01MSD Acquired: 10/25/2018 15:35:08 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65988	1.5751	.78553	1.6492	.69388	1.7619	.17878	.16717
Stddev	.00317	.0028	.00212	.0049	.00144	.0201	.00194	.00019
%RSD	.48030	.17871	.26981	.29692	.20755	1.1411	1.0844	.11143
#1	.66212	1.5771	.78702	1.6457	.69490	1.7762	.17741	.16730
#2	.65764	1.5731	.78403	1.6526	.69286	1.7477	.18016	.16704
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15293	8.7166	.32302	.15705	.27856	2.5448	.17638	2.4433
Stddev	.00005	.1007	.00026	.00040	.00035	.0789	.00061	.0229
%RSD	.03147	1.1548	.07962	.25719	.12689	3.0994	.34371	.93873
#1	.15296	8.6454	.32320	.15677	.27831	2.4890	.17681	2.4595
#2	.15290	8.7878	.32284	.15734	.27881	2.6005	.17596	2.4270
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39245	.05819	6.1446	.24548	.20576	12.843	.35253	.28386
Stddev	.00013	.00005	.0490	.00082	.00873	.077	.00008	.01250
%RSD	.03234	.08645	.79667	.33438	4.2440	.59744	.02229	4.4049
#1	.39254	.05816	6.1100	.24490	.19958	12.788	.35259	.27502
#2	.39236	.05823	6.1792	.24607	.21193	12.897	.35248	.29270
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6255	2.1999	.54930	.16636	.16323	4.429	.18213	<.00000
Stddev	.0005	.0120	.00220	.00262	.00263	.015	.00005	.08107
%RSD	.02883	.54306	.40036	1.5747	1.6122	.3379	.02934	19.091
#1	1.6251	2.1915	.54774	.16450	.16137	4.418	.18217	-.36732
#2	1.6258	2.2084	.55085	.16821	.16509	4.439	.18209	-.48197

Sample Name: J5634-01MSD Acquired: 10/25/2018 15:35:08 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .03899
%RSD 4.3549

#1 -.92299
#2 -.86785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.8	34337.	3883.1	97.076	2670.0
Stddev	.7	21.	34.0	4.034	1.0
%RSD	.03528	.06168	.87602	4.1560	.03751

#1	2125.2	34322.	3907.2	99.928	2669.2
#2	2126.3	34352.	3859.0	94.223	2670.7

Sample Name: J5634-01A Acquired: 10/25/2018 15:38:58 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66917	1.5876	.79548	1.6733	.70546	1.7745	.18337	.16769
Stddev	.00050	.0065	.00183	.0085	.00157	.0170	.00179	.00021
%RSD	.07546	.40767	.23041	.50714	.22286	.95584	.97631	.12439
#1	.66953	1.5830	.79418	1.6673	.70435	1.7625	.18210	.16754
#2	.66881	1.5922	.79677	1.6793	.70657	1.7865	.18464	.16784
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15495	8.8365	.32297	.15892	.28306	2.5251	.17716	2.4980
Stddev	.00049	.1034	.00007	.00058	.00004	.0573	.00004	.0242
%RSD	.31863	1.1696	.02234	.36503	.01377	2.2683	.01993	.96746
#1	.15460	8.7635	.32302	.15851	.28303	2.4846	.17714	2.5151
#2	.15530	8.9096	.32292	.15933	.28309	2.5656	.17719	2.4809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39629	.05873	6.2866	.24716	.20482	13.118	.35561	.29115
Stddev	.00099	.00001	.0125	.00215	.00180	.123	.00094	.00738
%RSD	.25085	.01883	.19911	.87124	.87801	.93705	.26484	2.5352
#1	.39558	.05874	6.2955	.24563	.20354	13.031	.35494	.28593
#2	.39699	.05872	6.2778	.24868	.20609	13.205	.35628	.29637
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6365	2.2554	.55635	.16984	.16702	4.468	.18601	.06597
Stddev	.0075	.0074	.00290	.00092	.00191	.013	.00294	.54661
%RSD	.45607	.32703	.52188	.54188	1.1435	.2971	1.5796	828.59
#1	1.6312	2.2501	.55429	.16919	.16567	4.459	.18393	-.32055
#2	1.6418	2.2606	.55840	.17049	.16838	4.478	.18809	.45248

Sample Name: J5634-01A Acquired: 10/25/2018 15:38:58 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .53038
%RSD 93.406

#1 -.94286
#2 -.19279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.9	33945.	3797.9	97.382	2640.5
Stddev	22.5	8.	9.1	1.688	28.6
%RSD	1.0714	.02274	.24010	1.7330	1.0824

#1	2111.8	33940.	3804.3	98.575	2660.7
#2	2080.1	33951.	3791.4	96.188	2620.3

Sample Name: PB114168BL Acquired: 10/25/2018 15:42:49 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	.00128	-.00053	-.00032	-.00012	-.00116	-.00191
Stddev	.00494	.00031	.00082	.00092	.00005	.01113	.00024
%RSD	133.08	23.956	153.54	287.55	44.209	961.02	12.802

#1	-.00721	.00106	.00005	.00033	-.00008	-.00903	-.00208
#2	-.00022	.00150	-.00111	-.00097	-.00016	.00671	-.00174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00006	.01294	-.00063	.00003	.00052	.00521
Stddev	.00003	.00001	.00015	.00001	.00012	.00060	.01607
%RSD	142.87	24.684	1.1393	1.6296	416.07	113.84	308.57

#1	.00005	.00005	.01305	-.00064	-.00006	.00010	-.00616
#2	-.00000	.00007	.01284	-.00063	.00012	.00094	.01657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00973	.00153	-.00003	-.79109	.00075	.00014
Stddev	.00002	.01946	.00015	.00003	.00405	.00035	.00007
%RSD	460.04	200.08	9.7852	91.609	.51136	46.457	48.345

#1	.00002	-.02349	.00142	-.00005	-.79395	.00100	.00009
#2	-.00001	.00403	.00163	-.00001	-.78823	.00051	.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18435	.00008	.00194	F .00789	-.00149	-.00024	.00122
Stddev	.01602	.00013	.00431	.00209	.00098	.00034	.00024
%RSD	8.6879	175.80	221.94	26.531	65.855	142.16	19.356

#1	-.17303	.00017	-.00110	.00641	-.00080	-.00049	.00139
#2	-.19568	-.00002	.00499	.00937	-.00219	.00000	.00105

Sample Name: PB114168BL Acquired: 10/25/2018 15:42:49 Type: Unk
Method: P4-ICP2(v2524) 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	-.00454	.0007	.00013	F .20306	F<.00000
Stddev	.00099	.0010	.00011	.59500	.07205
%RSD	21.866	142.3	84.482	293.01	18.556

#1	-.00384	-.0000	.00021	.62380	-.33732
#2	-.00525	.0014	.00005	-.21767	-.43921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.4	33045.	3645.1	91.442	2584.4
Stddev	4.4	62.	3.4	1.002	9.8
%RSD	.21666	.18786	.09382	1.0955	.37807

#1	2041.5	33001.	3642.6	90.733	2591.4
#2	2035.3	33089.	3647.5	92.150	2577.5

Sample Name: CCV04 Acquired: 10/25/2018 15:50:57 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0082	4.7013	4.7976	4.9520	5.0692	10.134	9.6609	.24031
Stddev	.0146	.0045	.0033	.0041	.0072	.029	.0832	.00013
%RSD	.29232	.09606	.06916	.08198	.14192	.28921	.86165	.05252
#1	5.0185	4.6981	4.8000	4.9548	5.0743	10.114	9.6021	.24040
#2	4.9978	4.7045	4.7953	4.9491	5.0642	10.155	9.7198	.24022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3336	24.528	.92709	2.3729	1.2426	4.7777	2.4183	23.407
Stddev	.0032	.161	.00183	.0082	.0021	.0441	.0027	.301
%RSD	.13529	.65454	.19793	.34410	.16718	.92256	.11318	1.2846
#1	2.3359	24.414	.92839	2.3786	1.2441	4.7466	2.4164	23.195
#2	2.3314	24.641	.92579	2.3671	1.2411	4.8089	2.4203	23.620
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3288	1.1783	22.973	2.3390	2.5537	23.889	5.0552	4.6385
Stddev	.0003	.0001	.198	.0007	.0249	.188	.0071	.0352
%RSD	.01411	.01070	.86339	.03090	.97396	.78557	.13996	.75984
#1	2.3286	1.1784	22.833	2.3395	2.5361	23.756	5.0602	4.6136
#2	2.3291	1.1782	23.113	2.3385	2.5713	24.022	5.0502	4.6635
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8268	4.6941	4.6840	4.6947	4.7845	4.704	4.6903	F 2.5194
Stddev	.0094	.0589	.0020	.0463	.0455	.016	.0427	.4027
%RSD	.19470	1.2536	.04299	.98671	.95056	.3427	.90963	15.982
#1	4.8334	4.6525	4.6854	4.6619	4.7524	4.693	4.6602	2.2347
#2	4.8201	4.7357	4.6826	4.7274	4.8167	4.716	4.7205	2.8041

Sample Name: CCV04 Acquired: 10/25/2018 15:50:57 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1940
Stddev	.2834
%RSD	12.916

#1	1.9936
#2	2.3943

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.8	31712.	3662.0	88.743	2333.0
Stddev	7.3	56.	26.0	.700	9.9
%RSD	.37628	.17677	.70907	.78901	.42482

#1	1946.6	31752.	3680.3	89.238	2326.0
#2	1957.0	31673.	3643.6	88.248	2340.0

Sample Name: CCB04 Acquired: 10/25/2018 16:00:33 Type: Unk
Method: P4-ICP2(v2524) 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	-.00182	.00187	-.00012	-.00051	.00011	-.00618	-.00190
Stddev	.00068	.00093	.00021	.00209	.00011	.01025	.00089
%RSD	37.152	49.869	184.29	410.42	102.20	165.70	47.159

#1	-.00134	.00121	-.00027	-.00199	.00019	.00106	-.00126
#2	-.00230	.00253	.00004	.00097	.00003	-.01343	-.00253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	.01688	-.00044	-.00005	.00014	.00353
Stddev	.00002	.00005	.00216	.00026	.00005	.00002	.00089
%RSD	26.861	178.90	12.785	59.362	87.534	17.709	25.182

#1	.00007	-.00001	.01535	-.00062	-.00002	.00016	.00415
#2	.00005	.00006	.01840	-.00025	-.00009	.00012	.00290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.03566	.00165	-.00036	-.81784	.00108	.00007
Stddev	.00009	.01678	.00011	.00010	.01252	.00021	.00001
%RSD	321.24	47.050	6.9214	28.598	1.5313	19.392	9.6283

#1	.00004	-.02379	.00173	-.00029	-.82670	.00093	.00007
#2	-.00009	-.04752	.00157	-.00044	-.80899	.00123	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18711	.00005	.00686	.00253	-.00161	-.00010	.00259
Stddev	.04671	.00000	.00376	.00145	.00309	.00005	.00059
%RSD	24.961	4.9543	54.797	57.396	191.65	44.332	22.682

#1	-.15409	.00006	.00420	.00150	-.00380	-.00014	.00300
#2	-.22014	.00005	.00952	.00356	.00057	-.00007	.00217

Sample Name: CCB04 Acquired: 10/25/2018 16:00:33 Type: Unk
 Method: P4-ICP2(v2524) 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	-.00450	.0007	.00014	F<.00000	F<.00000
Stddev	.00010	.0014	.00001	.04350	.27873
%RSD	2.2436	202.1	9.2868	7.4691	357.44
#1	-.00443	-.0003	.00015	-.55168	.11911
#2	-.00457	.0017	.00013	-.61320	-.27507
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.4	33497.	3729.4	91.983	2606.7
Stddev	3.0	54.	18.4	2.722	.3
%RSD	.14637	.16216	.49348	2.9596	.01082
#1	2050.5	33459.	3716.4	90.058	2606.9
#2	2046.2	33535.	3742.5	93.908	2606.5

Sample Name: PB114168BS Acquired: 10/25/2018 16:05:20 Type: Unk
Method: P4-ICP2(v2524) 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	.71082	1.6743	.84674	1.7374	.71431	1.8167	.18904
Stddev	.00162	.0126	.00157	.0108	.00157	.0016	.00091
%RSD	.22753	.74991	.18557	.62380	.21930	.08843	.48037

#1	.71196	1.6654	.84563	1.7450	.71542	1.8179	.18968
#2	.70968	1.6831	.84785	1.7297	.71320	1.8156	.18840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16975	.16398	.95039	.34613	.17326	.28383	2.7105
Stddev	.00034	.00061	.02142	.00035	.00036	.00035	.0426
%RSD	.20162	.37293	2.2542	.10003	.20798	.12334	1.5718

#1	.16951	.16355	.96554	.34588	.17300	.28408	2.7406
#2	.16999	.16441	.93524	.34637	.17351	.28359	2.6804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18765	1.7900	.42222	.06118	2.8331	.26228	.18372
Stddev	.00006	.0175	.00029	.00006	.0213	.00065	.00213
%RSD	.03135	.97908	.06832	.09146	.75073	.24899	1.1581

#1	.18769	1.8024	.42201	.06114	2.8180	.26275	.18522
#2	.18761	1.7777	.42242	.06122	2.8481	.26182	.18221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9741	.37636	.26296	F 3.2344	.80557	.56596	.17886
Stddev	.0214	.00044	.00175	.0125	.00473	.00000	.00114
%RSD	.23835	.11701	.66533	.38783	.58747	.00084	.63624

#1	8.9590	.37667	.26420	3.2433	.80223	.56596	.17806
#2	8.9892	.37605	.26173	3.2255	.80892	.56596	.17967

Sample Name: PB114168BS Acquired: 10/25/2018 16:05:20 Type: Unk
Method: P4-ICP2(v2524) 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	.18007	F 4.591	.18110	F<.00000	F<.00000
Stddev	.00081	.009	.00000	.30522	.20722
%RSD	.44962	.1878	.00170	77.660	10.301

#1	.18064	4.585	.18110	-.17719	-2.1582
#2	.17949	4.597	.18109	-.60884	-1.8651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.3	32949.	3605.7	89.858	2530.0
Stddev	9.8	62.	3.9	1.461	5.5
%RSD	.49338	.18904	.10750	1.6263	.21832

#1	1982.3	32905.	3603.0	88.825	2526.1
#2	1996.2	32993.	3608.4	90.892	2533.9

Sample Name: PB114172BL Acquired: 10/25/2018 16:09:11 Type: Unk
Method: P4-ICP2(v2524) 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	-.00408	.00126	-.00004	-.00041	.00055	-.01685	-.00163
Stddev	.00199	.00105	.00007	.00206	.00202	.00418	.00031
%RSD	48.654	83.327	190.14	499.64	364.45	24.828	19.062

#1	-.00268	.00200	-.00009	-.00187	-.00087	-.01389	-.00141
#2	-.00548	.00052	.00001	.00104	.00198	-.01981	-.00186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.01141	-.00043	.00004	-.00015	.01441
Stddev	.00006	.00005	.00743	.00023	.00003	.00041	.00100
%RSD	376.11	122.03	65.140	53.373	68.753	278.13	6.9561

#1	.00005	.00007	.01667	-.00027	.00002	-.00044	.01370
#2	-.00002	.00001	.00616	-.00059	.00006	.00014	.01511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00953	.00120	-.00026	-.84287	.00084	.00005
Stddev	.00001	.01408	.00012	.00001	.00337	.00014	.00009
%RSD	29.497	147.67	10.123	2.5241	.40019	17.119	167.16

#1	-.00005	-.01948	.00111	-.00027	-.84048	.00095	.00012
#2	-.00003	.00042	.00129	-.00026	-.84525	.00074	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17213	.00004	.00426	.00109	-.00207	-.00066	.00125
Stddev	.00831	.00040	.00408	.00297	.00501	.00072	.00083
%RSD	4.8272	935.12	95.634	271.58	242.47	108.56	66.481

#1	-.17801	.00033	.00138	.00320	.00148	-.00117	.00184
#2	-.16626	-.00024	.00714	-.00101	-.00561	-.00015	.00066

Sample Name: PB114172BL Acquired: 10/25/2018 16:09:11 Type: Unk
Method: P4-ICP2(v2524) 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	-.00536	.0007	.00005	F<.00000	F<.00000
Stddev	.00062	.0010	.00010	.27598	.06994
%RSD	11.579	133.4	216.60	23.579	22.845

#1	-.00492	.0000	.00011	-1.3656	-.35558
#2	-.00580	.0014	-.00002	-.97530	-.25668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.6	34684.	3734.1	92.529	2596.3
Stddev	39.4	279.	227.5	6.877	48.6
%RSD	1.9322	.80575	6.0930	7.4318	1.8706

#1	2010.7	34881.	3573.2	87.667	2562.0
#2	2066.4	34486.	3895.0	97.392	2630.7

Sample Name: PB114172BS Acquired: 10/25/2018 16:13:16 Type: Unk
Method: P4-ICP2(v2524) 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	.74278	1.7194	.87255	1.8006	.75962	1.9336	.19702
Stddev	.00622	.0039	.00159	.0044	.00402	.0042	.00046
%RSD	.83779	.22920	.18211	.24257	.52858	.21794	.23317

#1	.74718	1.7222	.87143	1.8037	.76246	1.9366	.19670
#2	.73838	1.7166	.87367	1.7975	.75679	1.9307	.19735

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17526	F .16971	1.0062	.36246	.18041	.29618	2.7890
Stddev	.00010	.00017	.0147	.00063	.00037	.00081	.0114
%RSD	.05466	.09920	1.4559	.17459	.20232	.27339	.40747

#1	.17520	.16959	.99584	.36290	.18067	.29675	2.7971
#2	.17533	.16983	1.0166	.36201	.18016	.29561	2.7810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19700	1.8399	.43855	F .06307	F 2.0200	.27799	.18335
Stddev	.00040	.0066	.00197	.00007	.0113	.00004	.00124
%RSD	.20346	.35931	.44891	.11301	.55902	.01327	.67397

#1	.19671	1.8352	.43994	.06312	2.0280	.27797	.18422
#2	.19728	1.8446	.43716	.06302	2.0120	.27802	.18247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4405	.40632	.27356	F .00906	.83419	F .58836	.18959
Stddev	.0049	.00200	.00421	.00185	.00209	.00015	.00091
%RSD	.05146	.49195	1.5402	20.411	.25059	.02492	.48181

#1	9.4370	.40773	.27058	.01037	.83566	.58826	.19023
#2	9.4439	.40490	.27653	.00775	.83271	.58846	.18894

Sample Name: PB114172BS Acquired: 10/25/2018 16:13:16 Type: Unk
 Method: P4-ICP2(v2524) 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	.18974	F 4.688	.18776	F<.00000	F<.00000
Stddev	.00110	.001	.00045	.28833	.34806
%RSD	.58172	.0119	.23881	199.25	18.368
#1	.18896	4.688	.18744	-.34859	-2.1410
#2	.19052	4.687	.18807	.05917	-1.6488
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.8	32798.	3644.0	92.354	2543.0
Stddev	10.0	32.	2.9	.800	6.6
%RSD	.50626	.09849	.07857	.86652	.25933
#1	1964.8	32775.	3642.0	91.788	2538.4
#2	1978.9	32821.	3646.1	92.920	2547.7

Sample Name: PB114173BL Acquired: 10/25/2018 16:17:07 Type: Unk
Method: P4-ICP2(v2524) 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	-.00206	.00203	-.00056	-.00189	-.00126	-.00036	-.00195
Stddev	.00021	.00035	.00180	.00431	.00042	.01424	.00012
%RSD	10.295	17.175	321.42	228.58	33.505	4003.5	6.0301

#1	-.00221	.00227	.00071	-.00494	-.00096	.00971	-.00204
#2	-.00191	.00178	-.00184	.00116	-.00156	-.01043	-.00187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00004	.01468	-.00029	-.00002	-.00030	-.00474
Stddev	.00005	.00001	.00738	.00025	.00002	.00036	.00462
%RSD	61.197	39.540	50.256	85.965	87.277	118.71	97.445

#1	.00004	.00003	.01990	-.00011	-.00003	-.00005	-.00147
#2	.00011	.00005	.00947	-.00046	-.00001	-.00055	-.00800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.02775	.00143	-.00064	-.85646	.00046	.00005
Stddev	.00007	.00734	.00002	.00060	.00215	.00036	.00009
%RSD	10194.	26.436	1.1208	93.575	.25073	78.037	187.76

#1	.00005	-.03294	.00144	-.00106	-.85798	.00021	-.00002
#2	-.00005	-.02256	.00142	-.00022	-.85494	.00071	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16950	-.00002	-.00489	.00284	-.00160	-.00065	.00141
Stddev	.00076	.00000	.00629	.00106	.00236	.00022	.00069
%RSD	.44631	2.1825	128.56	37.345	147.99	33.492	49.317

#1	-.16897	-.00002	-.00044	.00360	-.00327	-.00050	.00190
#2	-.17004	-.00002	-.00934	.00209	.00007	-.00081	.00092

Sample Name: PB114173BL Acquired: 10/25/2018 16:17:07 Type: Unk
Method: P4-ICP2(v2524) 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	-.00460	.0011	.00009	F<.00000	F<.00000
Stddev	.00092	.0017	.00001	.32707	.37400
%RSD	20.022	155.9	5.8280	56.353	100.99

#1	-.00395	.0023	.00010	-.34912	-.10586
#2	-.00525	-.0001	.00009	-.81167	-.63478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.5	34275.	3740.8	94.433	2662.7
Stddev	10.9	71.	22.1	.448	20.5
%RSD	.52180	.20766	.59053	.47423	.76986

#1	2086.8	34225.	3725.2	94.117	2648.2
#2	2102.3	34325.	3756.4	94.750	2677.1

Sample Name: PB114173BS Acquired: 10/25/2018 16:21:12 Type: Unk
Method: P4-ICP2(v2524) 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	.70720	1.6657	.84420	1.7219	.71278	1.8120	.18447
Stddev	.00083	.0031	.00230	.0065	.00210	.0153	.00046
%RSD	.11725	.18635	.27206	.37988	.29433	.84286	.24911

#1	.70662	1.6679	.84258	1.7265	.71427	1.8228	.18480
#2	.70779	1.6635	.84582	1.7173	.71130	1.8012	.18415

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16809	.16266	.92373	.34084	.17271	.28213	2.6066
Stddev	.00025	.00027	.00552	.00186	.00047	.00102	.0104
%RSD	.14652	.16700	.59766	.54687	.26966	.36174	.40044

#1	.16827	.16285	.92763	.34216	.17239	.28141	2.6140
#2	.16792	.16247	.91982	.33953	.17304	.28286	2.5992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18596	1.7609	.42024	.06028	2.7635	.25827	.17705
Stddev	.00064	.0062	.00061	.00003	.0005	.00074	.00050
%RSD	.34347	.35465	.14539	.04742	.01777	.28606	.28018

#1	.18641	1.7653	.41981	.06030	2.7631	.25879	.17740
#2	.18551	1.7564	.42067	.06026	2.7638	.25775	.17670

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7962	.37486	.25597	F 3.2293	.79307	.56304	.17328
Stddev	.0138	.00005	.00119	.0033	.00105	.00235	.00035
%RSD	.15685	.01352	.46296	.10290	.13222	.41692	.20185

#1	8.8059	.37490	.25513	3.2269	.79233	.56138	.17353
#2	8.7864	.37483	.25680	3.2316	.79382	.56470	.17303

Sample Name: PB114173BS Acquired: 10/25/2018 16:21:12 Type: Unk
 Method: P4-ICP2(v2524) 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	.17675	F 4.560	.17709	F<.00000	F<.00000
Stddev	.00018	.002	.00021	.58009	.45425
%RSD	.10314	.0363	.11780	283.64	27.697

#1	.17662	4.559	.17695	-.61471	-1.9613
#2	.17687	4.561	.17724	.20567	-1.3189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.9	33322.	3683.1	93.808	2559.5
Stddev	6.6	199.	13.6	.577	12.6
%RSD	.32748	.59822	.36853	.61559	.49050

#1	2003.3	33181.	3673.5	93.400	2550.6
#2	2012.6	33463.	3692.7	94.217	2568.4

Sample Name: PB114173TB Acquired: 10/25/2018 16:25:03 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00470	-.00093	-.00043	-.00241	-.00033	.00042	-.00308	-.00009
Stddev	.00114	.00102	.00048	.00091	.00007	.00411	.00005	.00002
%RSD	24.169	108.82	111.41	37.660	20.792	979.74	1.4985	20.829
#1	-.00551	-.00165	-.00009	-.00176	-.00028	-.00249	-.00305	-.00008
#2	-.00390	-.00022	-.00078	-.00305	-.00038	.00333	-.00312	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00867	-.00002	-.00018	-.00064	.00472	.00008	-.00773
Stddev	.00009	.00593	.00030	.00028	.00006	.00620	.00002	.06653
%RSD	70.534	68.376	1306.1	154.65	9.3751	131.30	28.881	860.89
#1	-.00018	.01285	-.00023	.00002	-.00060	.00034	.00007	-.05477
#2	-.00006	.00448	.00019	-.00038	-.00069	.00910	.00010	.03932
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	.00085	F 306.37	.00091	.00086	-.13095	.00014	.00238
Stddev	.00041	.00020	3.37	.00011	.00000	.00966	.00012	.00417
%RSD	12.835	23.930	1.1008	11.935	.25380	7.3781	87.567	175.44
#1	.00294	.00099	303.98	.00084	.00086	-.12412	.00023	-.00057
#2	.00353	.00070	308.75	.00099	.00086	-.13779	.00005	.00532
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01447	.00051	.00122	.00112	-.00458	-.0007	.00006	F 1.8464
Stddev	.00003	.00167	.00028	.00150	.00053	.0028	.00004	.0618
%RSD	.20887	328.34	23.087	133.44	11.611	398.4	76.502	3.3465
#1	.01444	-.00067	.00142	.00006	-.00421	-.0027	.00008	1.8901
#2	.01449	.00169	.00102	.00219	-.00496	.0013	.00003	1.8027

Sample Name: PB114173TB Acquired: 10/25/2018 16:25:03 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .76638
Stddev .19242
%RSD 25.107

#1 .63032
#2 .90244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.5	30616.	3628.8	88.942	2290.4
Stddev	5.7	35.	4.8	.424	9.9
%RSD	.30029	.11319	.13091	.47701	.43219

#1	1889.5	30591.	3625.5	89.242	2297.4
#2	1881.5	30640.	3632.2	88.642	2283.4

Sample Name: PB114174BL Acquired: 10/25/2018 16:29:15 Type: Unk
Method: P4-ICP2(v2524) 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	-.00277	.00088	-.00125	.00023	-.00053	-.00387	-.00192
Stddev	.00035	.00032	.00046	.00021	.00043	.00604	.00003
%RSD	12.724	36.819	36.412	91.320	81.111	156.05	1.5393

#1	-.00252	.00065	-.00158	.00039	-.00022	-.00815	-.00190
#2	-.00302	.00111	-.00093	.00008	-.00083	.00040	-.00194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	.01765	-.00046	-.00001	-.00012	.00046
Stddev	.00004	.00003	.01974	.00009	.00014	.00016	.00366
%RSD	212.98	94.182	111.83	19.806	1335.7	134.31	793.53

#1	.00005	.00006	.03160	-.00052	.00009	-.00023	.00305
#2	-.00001	.00001	.00369	-.00039	-.00011	-.00001	-.00213

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01415	.00129	-.00029	-.80825	.00051	-.00002
Stddev	.00003	.00275	.00047	.00030	.01082	.00018	.00008
%RSD	483.93	19.425	36.782	104.60	1.3381	34.815	404.05

#1	.00002	-.01609	.00162	-.00008	-.81589	.00063	.00004
#2	-.00001	-.01221	.00095	-.00050	-.80060	.00038	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16843	-.00008	-.00216	.00454	-.00160	-.00066	.00057
Stddev	.01305	.00009	.00037	.00021	.00264	.00061	.00154
%RSD	7.7477	124.53	16.920	4.5792	165.16	93.058	271.83

#1	-.15921	-.00014	-.00242	.00469	.00027	-.00023	-.00052
#2	-.17766	-.00001	-.00190	.00439	-.00346	-.00109	.00165

Sample Name: PB114174BL Acquired: 10/25/2018 16:29:15 Type: Unk
Method: P4-ICP2(v2524) 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	-.00362	.0006	.00013	F<.00000	F .00766
Stddev	.00033	.0010	.00002	.21326	.39339
%RSD	9.0574	172.1	12.013	61.129	5135.0

#1	-.00339	-.0001	.00014	-.49966	-.27051
#2	-.00386	.0013	.00012	-.19807	.28583

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.9	34352.	3795.5	95.992	2675.3
Stddev	1.1	81.	7.6	.754	8.1
%RSD	.05344	.23594	.20011	.78574	.30248

#1	2092.7	34294.	3800.8	95.458	2681.0
#2	2091.2	34409.	3790.1	96.525	2669.5

Sample Name: PB114174BS Acquired: 10/25/2018 16:33:22 Type: Unk
Method: P4-ICP2(v2524) 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	.72742	1.6930	.86299	1.7787	.74622	1.8982	.19464
Stddev	.00472	.0084	.00078	.0019	.00309	.0149	.00005
%RSD	.64953	.49787	.09059	.10735	.41346	.78626	.02515

#1	.73076	1.6871	.86355	1.7800	.74404	1.8877	.19468
#2	.72408	1.6990	.86244	1.7773	.74840	1.9088	.19461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17097	.16692	.99854	.35422	.17784	.29190	2.7501
Stddev	.00032	.00009	.01873	.00106	.00052	.00004	.0782
%RSD	.18538	.05218	1.8754	.30053	.29098	.01290	2.8451

#1	.17120	.16686	.98529	.35497	.17747	.29187	2.6947
#2	.17075	.16698	1.0118	.35346	.17820	.29193	2.8054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19276	1.8651	.43063	.06147	F 2.0583	.26949	.18365
Stddev	.00022	.0214	.00108	.00032	.0044	.00013	.00362
%RSD	.11172	1.1447	.24995	.52388	.21554	.04839	1.9716

#1	.19261	1.8500	.42987	.06170	2.0552	.26959	.18109
#2	.19292	1.8802	.43139	.06124	2.0614	.26940	.18621

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2840	.39869	.27409	F .32269	.82324	.57985	.18274
Stddev	.0111	.00071	.00381	.00818	.01271	.00308	.00097
%RSD	.11951	.17846	1.3900	2.5343	1.5435	.53158	.52874

#1	9.2762	.39819	.27678	.32848	.83223	.57767	.18206
#2	9.2918	.39919	.27140	.31691	.81426	.58203	.18343

Sample Name: PB114174BS Acquired: 10/25/2018 16:33:22 Type: Unk
Method: P4-ICP2(v2524) 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	.18706	F 4.630	.18393	F<.00000	F<.00000
Stddev	.00018	.008	.00134	.53670	.14887
%RSD	.09669	.1679	.72859	101.56	6.9930
#1	.18719	4.625	.18488	-.90796	-2.0235
#2	.18694	4.636	.18299	-.14896	-2.2341
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.9	33321.	3679.3	91.813	2550.1
Stddev	11.1	25.	15.5	1.365	9.7
%RSD	.56174	.07585	.42240	1.4869	.38217
#1	1970.0	33303.	3668.3	92.778	2543.2
#2	1985.7	33339.	3690.2	90.848	2557.0

Sample Name: PB114174TB Acquired: 10/25/2018 16:37:15 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00695	-.00176	.00016	.00338	.00073	-.00827	-.00260	-.00005
Stddev	.00176	.00130	.00020	.00059	.00046	.01100	.00004	.00005
%RSD	25.271	73.676	129.49	17.399	62.634	133.00	1.5658	103.04

#1	-.00571	-.00085	.00001	.00297	.00041	-.00049	-.00257	-.00001
#2	-.00819	-.00268	.00030	.00380	.00106	-.01605	-.00263	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00608	-.00018	-.00023	-.00034	.01267	.00009	-.03126
Stddev	.00004	.01252	.00075	.00011	.00073	.00760	.00006	.01948
%RSD	201.79	205.85	411.31	49.666	214.96	59.972	63.065	62.328

#1	.00005	-.00277	-.00071	-.00015	-.00086	.01804	.00013	-.04504
#2	-.00001	.01493	.00035	-.00031	.00018	.00729	.00005	-.01748

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00331	.00088	F 280.86	.00092	.00080	-.13915	.00004	-.00171
Stddev	.00041	.00014	.00	.00008	.00000	.00019	.00014	.00487
%RSD	12.338	15.413	.00014	8.3291	.54782	.13863	395.35	284.14

#1	.00302	.00078	280.86	.00097	.00080	-.13928	.00014	-.00516
#2	.00360	.00098	280.86	.00086	.00080	-.13901	-.00006	.00173

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00731	.00082	.00105	.00204	-.00335	-.0003	.00012	F 1.6017
Stddev	.00088	.00210	.00029	.00069	.00051	.0005	.00002	.5984
%RSD	12.014	256.63	27.587	33.753	15.243	143.5	15.924	37.362

#1	.00793	.00230	.00085	.00156	-.00299	.0000	.00011	1.1785
#2	.00669	-.00067	.00126	.00253	-.00371	-.0007	.00013	2.0248

Sample Name: PB114174TB Acquired: 10/25/2018 16:37:15 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .87861
Stddev	.12736
%RSD	14.496

#1	.78855
#2	.96867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.3	30905.	3731.6	94.042	2318.5
Stddev	10.4	228.	32.8	.012	12.5
%RSD	.54483	.73781	.87898	.01253	.53815

#1	1893.0	31066.	3708.4	94.050	2309.7
#2	1907.7	30744.	3754.8	94.033	2327.4

Sample Name: J5198-22 Acquired: 10/25/2018 16:40:51 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	-.00141	.00974	.00372	-.00115	.11543	.14010	.00014
Stddev	.00109	.00082	.00062	.00159	.00057	.00706	.00071	.00001
%RSD	27.267	58.331	6.3392	42.831	49.345	6.1159	.50410	7.4903

#1	-.00322	-.00199	.00930	.00260	-.00154	.12042	.14060	.00013
#2	-.00476	-.00083	.01017	.00485	-.00075	.11044	.13960	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	27.447	-.00105	.00470	.00560	.02734	.83999	1.7284
Stddev	.00018	.213	.00023	.00013	.00038	.01087	.00116	.0592
%RSD	74.904	.77745	22.173	2.7052	6.7397	39.752	.13751	3.4235

#1	.00036	27.598	-.00121	.00479	.00587	.03502	.83917	1.6866
#2	.00011	27.297	-.00088	.00461	.00533	.01965	.84081	1.7703

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	-.00014	261.31	.00077	.03983	1.0618	-.00018	.01054
Stddev	.00015	.00028	.72	.00000	.00063	.0171	.00038	.00520
%RSD	3.9303	202.13	.27726	.10318	1.5759	1.6117	211.91	49.374

#1	.00384	-.00033	260.79	.00077	.03939	1.0497	.00009	.00686
#2	.00363	.00006	261.82	.00077	.04028	1.0739	-.00045	.01422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49415	1.1170	.00093	.00193	-.00289	.0042	.14733	2.2991
Stddev	.00116	.0172	.00037	.00176	.00029	.0006	.00088	.0157
%RSD	.23392	1.5378	39.362	91.296	9.8808	13.40	.59696	.68220

#1	.49496	1.1048	.00119	.00317	-.00310	.0046	.14795	2.3102
#2	.49333	1.1291	.00067	.00068	-.00269	.0038	.14671	2.2881

Sample Name: J5198-22 Acquired: 10/25/2018 16:40:51 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2609
Stddev	.2786
%RSD	22.091

#1	1.0639
#2	1.4579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.4	31334.	3786.0	92.508	2339.3
Stddev	23.0	4.	7.2	.742	26.8
%RSD	1.1908	.01348	.18915	.80259	1.1456

#1	1918.1	31331.	3791.1	93.033	2320.3
#2	1950.7	31337.	3780.9	91.983	2358.2

Sample Name: CCV05 Acquired: 10/25/2018 16:55:21 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1081	4.6909	4.8471	4.9976	5.1552	10.154	9.7209	.24035
Stddev	.0024	.0049	.0092	.0117	.0011	.068	.0332	.00057
%RSD	.04597	.10540	.19091	.23361	.02202	.67428	.34183	.23664

#1	5.1064	4.6874	4.8405	5.0059	5.1560	10.202	9.6974	.24075
#2	5.1097	4.6944	4.8536	4.9894	5.1544	10.105	9.7444	.23994

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3438	24.274	.90774	2.3992	1.2467	4.7605	2.4135	23.721
Stddev	.0012	.196	.00103	.0044	.0031	.0364	.0003	.143
%RSD	.05178	.80934	.11363	.18503	.24662	.76363	.01019	.60467

#1	2.3447	24.413	.90847	2.4023	1.2489	4.7348	2.4133	23.620
#2	2.3429	24.135	.90701	2.3961	1.2446	4.7862	2.4136	23.822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3230	1.1767	22.676	2.2846	2.5037	23.944	5.1505	4.6608
Stddev	.0024	.0033	.129	.0017	.0201	.111	.0039	.0360
%RSD	.10318	.28229	.56967	.07276	.80248	.46482	.07625	.77336

#1	2.3247	1.1791	22.584	2.2858	2.4895	23.865	5.1533	4.6353
#2	2.3213	1.1744	22.767	2.2834	2.5179	24.022	5.1477	4.6863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9018	4.6782	4.7331	4.7522	4.7748	4.732	4.6880	F 2.5913
Stddev	.0154	.0267	.0154	.0388	.0181	.004	.0142	.0459
%RSD	.31419	.56997	.32459	.81667	.38012	.0766	.30359	1.7698

#1	4.9127	4.6593	4.7440	4.7248	4.7620	4.730	4.6779	2.5588
#2	4.8909	4.6970	4.7223	4.7797	4.7877	4.735	4.6980	2.6237

Sample Name: CCV05 Acquired: 10/25/2018 16:55:21 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4829
Stddev .0334
%RSD 2.2521

#1 1.4593
#2 1.5066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.3	32096.	3728.2	90.078	2343.6
Stddev	5.8	25.	9.0	.505	8.4
%RSD	.29793	.07879	.24227	.56083	.35944

#1	1945.2	32114.	3734.6	90.436	2337.6
#2	1953.4	32078.	3721.8	89.721	2349.6

Sample Name: CCB05 Acquired: 10/25/2018 16:59:05 Type: Unk
Method: P4-ICP2(v2524) 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	-.00382	.00100	-.00086	.00127	.00073	-.00232	-.00198
Stddev	.00189	.00003	.00008	.00180	.00020	.00228	.00026
%RSD	49.558	2.6889	8.9894	141.95	27.293	98.033	13.110

#1	-.00516	.00102	-.00080	-.00000	.00087	-.00393	-.00216
#2	-.00248	.00098	-.00091	.00255	.00059	-.00071	-.00179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00002	.00590	-.00049	-.00008	-.00000	.00585
Stddev	.00000	.00007	.00262	.00011	.00036	.00002	.00253
%RSD	266.15	454.94	44.479	22.118	440.86	705.43	43.260

#1	-.00000	.00007	.00404	-.00057	-.00033	-.00002	.00406
#2	.00000	-.00003	.00775	-.00041	.00017	.00001	.00765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01642	.00162	-.00027	-.81600	.00091	.00002
Stddev	.00005	.00854	.00060	.00006	.01047	.00007	.00016
%RSD	97.395	51.982	37.099	23.380	1.2834	7.7803	1025.8

#1	-.00002	-.02246	.00120	-.00032	-.82340	.00096	-.00010
#2	-.00009	-.01038	.00205	-.00023	-.80859	.00086	.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15665	.00036	.00359	.00276	-.00110	-.00027	.00095
Stddev	.00231	.00002	.01182	.00513	.00024	.00053	.00098
%RSD	1.4751	6.4492	329.53	185.89	21.710	193.76	103.13

#1	-.15829	.00038	.01194	.00639	-.00127	.00010	.00165
#2	-.15502	.00034	-.00477	-.00087	-.00093	-.00065	.00026

Sample Name: CCB05 Acquired: 10/25/2018 16:59:05 Type: Unk
 Method: P4-ICP2(v2524) 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	-.00471	.0009	.00011	F<.00000	.00257
Stddev	.00003	.0006	.00004	.08280	.52629
%RSD	.68017	65.49	35.187	16.848	20447.

#1	-.00473	.0005	.00009	-.55003	.37472
#2	-.00469	.0013	.00014	-.43292	-.36957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.6	34161.	3789.9	95.242	2659.7
Stddev	11.6	170.	36.2	2.003	10.5
%RSD	.55931	.49739	.95400	2.1036	.39298

#1	2065.4	34282.	3764.3	96.658	2652.3
#2	2081.8	34041.	3815.5	93.825	2667.1

Sample Name: J5198-22DUP Acquired: 10/25/2018 17:03:10 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	.00002	.01009	.00405	-.00192	.12068	.13769	.00006
Stddev	.00070	.00011	.00005	.00108	.00209	.01525	.00078	.00012
%RSD	42.458	705.07	.50781	26.637	109.03	12.640	.56597	192.86

#1	-.00215	.00010	.01005	.00482	-.00340	.10990	.13824	-.00002
#2	-.00116	-.00006	.01012	.00329	-.00044	.13147	.13714	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	26.654	-.00065	.00448	.00504	.04003	.82058	1.6992
Stddev	.00003	.110	.00021	.00021	.00052	.00105	.00514	.0223
%RSD	9.8490	.41226	31.753	4.7143	10.399	2.6152	.62663	1.3147

#1	.00027	26.732	-.00080	.00433	.00467	.03929	.81694	1.6834
#2	.00024	26.577	-.00051	.00463	.00541	.04077	.82421	1.7150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	-.00002	258.91	.00099	.03913	1.0307	-.00037	.01187
Stddev	.00012	.00054	.73	.00005	.00110	.0114	.00008	.00244
%RSD	3.2075	2741.5	.28025	5.2540	2.7999	1.1081	21.176	20.549

#1	.00361	.00036	259.42	.00095	.03991	1.0387	-.00042	.01359
#2	.00378	-.00040	258.39	.00102	.03836	1.0226	-.00031	.01014

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48346	1.1170	.00176	.00089	-.00540	.0050	.14536	1.9255
Stddev	.00579	.0078	.00025	.00035	.00103	.0014	.00003	.2829
%RSD	1.1985	.69968	13.982	39.508	19.098	27.79	.01779	14.692

#1	.48756	1.1225	.00193	.00114	-.00467	.0040	.14534	1.7255
#2	.47936	1.1115	.00159	.00064	-.00613	.0060	.14538	2.1255

Sample Name: J5198-22DUP Acquired: 10/25/2018 17:03:10 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6297
Stddev .2641
%RSD 16.207

#1 1.8164
#2 1.4429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.8	31664.	3786.7	92.892	2344.4
Stddev	16.0	147.	13.2	2.899	19.6
%RSD	.82916	.46285	.34987	3.1210	.83766

#1	1921.4	31768.	3777.4	90.842	2330.5
#2	1944.1	31561.	3796.1	94.942	2358.3

Sample Name: J5198-22LX5 Acquired: 10/25/2018 17:07:18 Type: Unk
Method: P4-ICP2(v2524) 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	-.00355	-.00000	.00148	.00077	-.00114	.02487	.02644	.00011
Stddev	.00131	.00010	.00077	.00065	.00128	.00760	.00052	.00003
%RSD	36.803	2412.1	52.386	84.156	112.23	30.557	1.9699	27.468

#1	-.00448	-.00007	.00093	.00031	-.00204	.03024	.02607	.00013
#2	-.00263	.00007	.00203	.00124	-.00023	.01949	.02681	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	5.4872	-.00092	.00102	.00055	.00641	.17329	.30056
Stddev	.00010	.0148	.00028	.00016	.00006	.01012	.00051	.01789
%RSD	154.87	.26942	30.420	15.329	10.337	157.95	.29561	5.9534

#1	-.00001	5.4767	-.00112	.00091	.00051	.01356	.17365	.28791
#2	.00014	5.4976	-.00073	.00113	.00059	-.00075	.17292	.31321

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00014	52.808	.00063	.00857	.07169	-.00017	.00835
Stddev	.00031	.00027	.167	.00027	.00010	.01211	.00013	.00378
%RSD	17.743	200.66	.31680	42.919	1.1463	16.894	77.520	45.286

#1	.00198	-.00006	52.689	.00044	.00850	.06312	-.00008	.00567
#2	.00154	.00033	52.926	.00083	.00864	.08025	-.00026	.01102

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10117	.23456	-.00012	.00088	-.00359	.0015	.02967	.38638
Stddev	.00017	.00520	.00153	.00039	.00085	.0008	.00015	.21586
%RSD	.16346	2.2181	1318.2	44.310	23.649	57.74	.52167	55.867

#1	.10129	.23824	.00097	.00116	-.00299	.0021	.02956	.23374
#2	.10106	.23088	-.00120	.00060	-.00419	.0009	.02978	.53901

Sample Name: J5198-22LX5 Acquired: 10/25/2018 17:07:18 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .26380
 Stddev .60681
 %RSD 230.03

#1 .69288
 #2 -.16528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.3	33239.	3817.5	93.424	2528.4
Stddev	.0	146.	6.3	.764	1.0
%RSD	.00034	.43923	.16443	.81782	.03884

#1	2021.3	33136.	3821.9	93.965	2527.7
#2	2021.3	33343.	3813.0	92.884	2529.1

Sample Name: J5198-22MS Acquired: 10/25/2018 17:11:21 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79689	1.7122	.91199	1.9522	.80678	2.1414	.33395	.18707
Stddev	.00365	.0222	.00482	.0132	.00487	.0357	.00158	.00056
%RSD	.45865	1.2964	.52872	.67509	.60302	1.6680	.47269	.29994
#1	.79431	1.6965	.90858	1.9429	.80334	2.1162	.33506	.18668
#2	.79948	1.7279	.91540	1.9615	.81022	2.1667	.33283	.18747
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17971	27.719	.35162	.19038	.29204	2.7533	.98927	3.4643
Stddev	.00074	.201	.00026	.00085	.00212	.0384	.00099	.0519
%RSD	.41331	.72527	.07522	.44793	.72531	1.3950	.09997	1.4968
#1	.17919	27.861	.35143	.18978	.29055	2.7805	.98997	3.5010
#2	.18024	27.577	.35180	.19098	.29354	2.7262	.98857	3.4277
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45094	.06479	260.96	.27127	.22067	10.830	.42260	.27411
Stddev	.00324	.00017	5.95	.00046	.00632	.090	.00196	.01045
%RSD	.71896	.26852	2.2804	.16787	2.8628	.82943	.46353	3.8112
#1	.44864	.06491	265.16	.27159	.22514	10.894	.42121	.26673
#2	.45323	.06466	256.75	.27095	.21620	10.767	.42398	.28150
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47525	1.9535	.64943	.19224	.19307	5.458	.32454	2.8015
Stddev	.00430	.0266	.00429	.00100	.00108	.031	.00329	.1299
%RSD	.90544	1.3605	.66127	.51800	.56192	.5633	1.0124	4.6381
#1	.47221	1.9723	.64640	.19154	.19231	5.436	.32686	2.7096
#2	.47829	1.9347	.65247	.19295	.19384	5.480	.32221	2.8934

Sample Name: J5198-22MS Acquired: 10/25/2018 17:11:21 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.04421
%RSD	18.962

#1	-.20191
#2	-.26444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.6	31748.	3739.5	93.208	2323.8
Stddev	2.6	97.	78.4	2.972	.8
%RSD	.13470	.30513	2.0971	3.1889	.03529

#1	1926.4	31679.	3684.0	91.106	2324.4
#2	1922.7	31816.	3794.9	95.309	2323.2

Sample Name: J5198-22MSD Acquired: 10/25/2018 17:15:17 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79518	1.7317	.91983	1.9722	.81251	2.1358	.33465	.18894
Stddev	.00066	.0001	.00204	.0022	.00113	.0166	.00187	.00057
%RSD	.08331	.00627	.22181	.11096	.13852	.77776	.55751	.30388

#1	.79471	1.7316	.91839	1.9707	.81172	2.1476	.33597	.18854
#2	.79565	1.7317	.92127	1.9738	.81331	2.1241	.33333	.18935

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18139	27.431	.35446	.19204	.29349	2.7658	.98157	3.4819
Stddev	.00103	.016	.00063	.00049	.00003	.0194	.00025	.0005
%RSD	.56577	.05805	.17677	.25571	.01140	.70272	.02573	.01464

#1	.18066	27.442	.35490	.19169	.29352	2.7521	.98175	3.4823
#2	.18211	27.420	.35401	.19239	.29347	2.7795	.98139	3.4816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45375	.06558	258.49	.27451	.21737	10.989	.42456	.28970
Stddev	.00153	.00053	.29	.00077	.00371	.044	.00032	.00780
%RSD	.33688	.80964	.11251	.28076	1.7083	.40265	.07617	2.6910

#1	.45267	.06596	258.28	.27506	.21474	11.021	.42434	.28418
#2	.45483	.06521	258.69	.27397	.21999	10.958	.42479	.29521

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46859	1.9624	.65409	.19561	.19503	5.504	.32656	1.9253
Stddev	.00012	.0101	.00148	.00012	.00184	.015	.00022	.1210
%RSD	.02485	.51507	.22668	.06378	.94113	.2632	.06883	6.2834

#1	.46867	1.9553	.65304	.19552	.19633	5.494	.32672	2.0109
#2	.46850	1.9696	.65514	.19570	.19373	5.515	.32640	1.8398

Sample Name: J5198-22MSD Acquired: 10/25/2018 17:15:17 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.39513
%RSD	1117.9

#1	-.31474
#2	.24405

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.1	32054.	3783.2	95.986	2347.2
Stddev	12.8	59.	2.6	.794	12.3
%RSD	.65684	.18549	.06770	.82760	.52421

#1	1935.1	32012.	3785.0	96.548	2338.5
#2	1953.2	32096.	3781.4	95.425	2355.9

Sample Name: J5198-22A Acquired: 10/25/2018 17:19:15 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7605 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	.78717	1.7132	.90580	1.9526	.80445	2.1422	.32993	.18807	.17906
Stddev	.00044	.0086	.00308	.0117	.00652	.0090	.00052	.00012	.00130
%RSD	.05583	.50209	.33991	.59806	.81100	.42032	.15635	.06363	.72608
#1	.78686	1.7193	.90798	1.9609	.80906	2.1358	.33030	.18798	.17998
#2	.78748	1.7071	.90362	1.9443	.79983	2.1485	.32957	.18815	.17815
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.237	.35245	.18983	.29059	2.8068	.97400	3.4265	.44781	.06498
Stddev	.229	.00054	.00131	.00240	.0240	.00416	.0021	.00121	.00010
%RSD	.84046	.15267	.68754	.82508	.85539	.42688	.06095	.27100	.15904
#1	27.075	.35207	.19075	.29228	2.7898	.97106	3.4280	.44867	.06506
#2	27.399	.35283	.18891	.28889	2.8238	.97694	3.4250	.44696	.06491
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	255.56	.27375	.22208	10.945	.41927	.28199	.46016	1.9640	.64635
Stddev	2.49	.00162	.00172	.002	.00357	.00006	.00096	.0008	.00093
%RSD	.97538	.59261	.77364	.01970	.85099	.02060	.20888	.04299	.14405
#1	253.80	.27260	.22086	10.943	.42179	.28204	.46084	1.9634	.64701
#2	257.32	.27490	.22329	10.946	.41675	.28195	.45948	1.9646	.64569
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19330	.19415	5.440	.32247	2.3017	.33313			
Stddev	.00088	.00023	.026	.00078	.3122	.51993			
%RSD	.45479	.12068	.4739	.24319	13.564	156.08			
#1	.19392	.19398	5.458	.32303	2.0809	.70077			
#2	.19268	.19431	5.421	.32192	2.5224	-.03452			

Sample Name: J5198-22A Acquired: 10/25/2018 17:19:15 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7605 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	1954.9	32281.	3791.2	93.634	2362.8
Stddev	15.6	65.	21.4	.520	15.8
%RSD	.79760	.19997	.56409	.55511	.66894
#1	1943.9	32327.	3806.3	94.002	2351.6
#2	1965.9	32236.	3776.1	93.267	2374.0

Sample Name: PB114184BL Acquired: 10/25/2018 17:23:13 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00516	.00016	-.00017	-.00156	.00010	.00420	-.00192
Stddev	.00055	.00077	.00022	.00220	.00125	.00069	.00064
%RSD	10.647	484.38	126.81	141.23	1298.4	16.451	33.341

#1	-.00477	-.00039	-.00002	-.00000	-.00079	.00469	-.00147
#2	-.00555	.00071	-.00032	-.00311	.00098	.00371	-.00237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00008	.02672	-.00044	-.00003	-.00026	-.00411
Stddev	.00005	.00001	.00066	.00016	.00007	.00011	.01327
%RSD	259.60	16.513	2.4757	35.103	264.96	41.159	322.75

#1	.00005	.00007	.02718	-.00033	-.00007	-.00018	.00527
#2	-.00001	.00009	.02625	-.00055	.00002	-.00034	-.01349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00893	.00198	-.00028	-.73360	.00066	-.00001
Stddev	.00001	.00164	.00001	.00047	.01226	.00043	.00001
%RSD	14.263	18.387	.40156	168.39	1.6710	65.526	90.614

#1	-.00004	-.01009	.00198	.00005	-.74227	.00035	-.00000
#2	-.00005	-.00777	.00197	-.00061	-.72494	.00097	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14431	-.00008	-.00302	.00330	-.00278	-.00079	.00222
Stddev	.03563	.00012	.00392	.00132	.00056	.00101	.00116
%RSD	24.689	160.29	129.76	39.910	20.052	128.41	52.113

#1	-.16950	.00001	-.00579	.00237	-.00318	-.00007	.00140
#2	-.11912	-.00016	-.00025	.00423	-.00239	-.00150	.00304

Sample Name: PB114184BL Acquired: 10/25/2018 17:23:13 Type: Unk
Method: P4-ICP2(v2524) 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	-.00194	.0006	.00011	F<.00000	F<.00000
Stddev	.00163	.0000	.00009	.01921	.01185
%RSD	84.262	5.918	81.684	1.7107	6.9447

#1	-.00309	.0006	.00017	-1.1365	-.17904
#2	-.00078	.0007	.00005	-1.1094	-.16228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.8	34429.	3792.0	96.058	2680.7
Stddev	10.7	129.	20.6	2.027	15.0
%RSD	.51070	.37328	.54204	2.1102	.56061

#1	2078.3	34338.	3806.6	97.492	2670.0
#2	2093.3	34520.	3777.5	94.625	2691.3

Sample Name: PB114184BS Acquired: 10/25/2018 17:27:18 Type: Unk
Method: P4-ICP2(v2524) 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	.72057	1.6486	.84370	1.7366	.73233	1.8357	.18937
Stddev	.00025	.0036	.00101	.0019	.00053	.0190	.00055
%RSD	.03468	.21598	.11934	.10745	.07181	1.0373	.29220

#1	.72075	1.6461	.84442	1.7352	.73196	1.8223	.18898
#2	.72040	1.6511	.84299	1.7379	.73270	1.8492	.18976

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16644	.16297	.96681	.34519	.17393	.28434	2.6400
Stddev	.00038	.00004	.00771	.00094	.00029	.00065	.0768
%RSD	.22916	.02301	.79701	.27159	.16399	.22692	2.9083

#1	.16617	.16295	.97226	.34452	.17373	.28480	2.5857
#2	.16671	.16300	.96137	.34585	.17414	.28388	2.6943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18795	1.7987	.41955	F .05982	2.8141	.26203	.17633
Stddev	.00032	.0023	.00071	.00026	.0044	.00012	.00380
%RSD	.16976	.12784	.16924	.43924	.15707	.04458	2.1522

#1	.18772	1.8003	.42006	.06001	2.8110	.26195	.17365
#2	.18817	1.7971	.41905	.05964	2.8172	.26212	.17901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0282	.39266	.26695	F .32392	.80708	.56618	.17833
Stddev	.0163	.00096	.00322	.00291	.01196	.00022	.00129
%RSD	.18086	.24530	1.2057	.89809	1.4825	.03845	.72473

#1	9.0167	.39198	.26467	.32597	.81554	.56602	.17925
#2	9.0398	.39334	.26922	.32186	.79862	.56633	.17742

Sample Name: PB114184BS Acquired: 10/25/2018 17:27:18 Type: Unk
 Method: P4-ICP2(v2524) 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	.18272	F 4.517	.18050	F<.00000	F<.00000
Stddev	.00079	.020	.00039	.20818	.21470
%RSD	.43310	.4500	.21592	22.550	13.164

#1	.18328	4.532	.18022	-.77596	-1.4792
#2	.18217	4.503	.18077	-1.0704	-1.7828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.8	33719.	3690.5	94.496	2582.3
Stddev	4.1	62.	32.6	1.691	13.7
%RSD	.20511	.18330	.88464	1.7892	.53077

#1	1988.9	33676.	3667.4	95.691	2572.6
#2	1994.7	33763.	3713.6	93.300	2591.9

Sample Name: J5621-01 Acquired: 10/25/2018 17:31:10 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00052	.00356	.00229	-.00237	1.6743	.12172	.00232
Stddev	.00155	.00010	.00083	.00110	.00104	.0165	.00055	.00002
%RSD	94.122	18.661	23.232	48.177	43.929	.98454	.45099	.97017
#1	-.00055	-.00059	.00298	.00307	-.00311	1.6860	.12134	.00233
#2	-.00274	-.00045	.00415	.00151	-.00164	1.6627	.12211	.00230
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	25.799	-.00007	.03060	.02625	.31214	.27004	6.7926
Stddev	.00007	.135	.00045	.00001	.00011	.00837	.00062	.0544
%RSD	8.1653	.52270	637.38	.03712	.41336	2.6805	.23136	.80012
#1	.00087	25.704	.00025	.03061	.02617	.30623	.27048	6.7541
#2	.00077	25.894	-.00039	.03059	.02633	.31806	.26960	6.8310
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02382	-.00082	118.26	.00119	.16406	4.8622	.00025	.09383
Stddev	.00005	.00014	.66	.00026	.00206	.0539	.00040	.00692
%RSD	.21570	17.128	.56111	21.522	1.2586	1.1093	159.10	7.3698
#1	.02386	-.00092	117.79	.00137	.16260	4.8240	-.00003	.08894
#2	.02378	-.00072	118.73	.00101	.16552	4.9003	.00053	.09872
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.247	4.9083	-.00457	.00126	.00212	.0037	.21054	.60553
Stddev	.022	.0302	.00003	.00167	.00047	.0015	.00056	.75308
%RSD	.15732	.61537	.66731	132.51	22.262	40.68	.26365	124.37
#1	14.263	4.8869	-.00459	.00244	.00245	.0027	.21015	1.1380
#2	14.231	4.9297	-.00455	.00008	.00179	.0048	.21094	.07302

Sample Name: J5621-01 Acquired: 10/25/2018 17:31:10 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SW-01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3713
Stddev	.5685
%RSD	41.454

#1	.96937
#2	1.7733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.6	34396.	4002.9	93.858	2417.6
Stddev	16.0	160.	22.7	.894	13.5
%RSD	.76862	.46562	.56637	.95275	.55824

#1	2066.3	34283.	4019.0	94.490	2408.1
#2	2088.9	34509.	3986.9	93.226	2427.2

Sample Name: J5621-02 Acquired: 10/25/2018 17:35:12 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SW-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00072	.00359	.00581	-.00230	1.4652	.10385	.00192
Stddev	.00361	.00185	.00135	.00048	.00015	.0142	.00003	.00006
%RSD	1168.1	255.44	37.663	8.2068	6.6876	.96959	.03265	3.1082
#1	-.00225	.00058	.00264	.00615	-.00241	1.4753	.10382	.00188
#2	.00287	-.00203	.00455	.00547	-.00219	1.4552	.10387	.00197
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	22.293	-.00032	.02678	.02279	.27514	.23493	5.8970
Stddev	.00008	.010	.00014	.00013	.00030	.00978	.00000	.0280
%RSD	11.502	.04392	45.688	.49687	1.3051	3.5544	.00171	.47488
#1	.00068	22.300	-.00042	.02669	.02300	.26823	.23492	5.8772
#2	.00080	22.286	-.00021	.02688	.02258	.28206	.23493	5.9168
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02177	-.00119	101.60	.00139	.14803	4.1628	.00015	.07988
Stddev	.00031	.00021	.05	.00012	.00210	.0149	.00011	.00112
%RSD	1.4111	18.052	.04923	8.4742	1.4209	.35889	77.870	1.4068
#1	.02156	-.00134	101.56	.00131	.14952	4.1733	.00007	.07908
#2	.02199	-.00103	101.63	.00148	.14654	4.1522	.00023	.08067
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.334	4.2809	-.00403	.00251	.00226	.0026	.18173	.58000
Stddev	.019	.0088	.00048	.00138	.00041	.0004	.00066	.23636
%RSD	.15677	.20527	11.985	54.896	18.071	13.22	.36256	40.752
#1	12.320	4.2747	-.00369	.00154	.00255	.0024	.18220	.41287
#2	12.348	4.2871	-.00437	.00349	.00197	.0029	.18127	.74713

Sample Name: J5621-02 Acquired: 10/25/2018 17:35:12 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-SW-02 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.64002
Stddev	.32379
%RSD	50.591

#1	.86898
#2	.41106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.2	34718.	4052.1	95.917	2457.6
Stddev	5.1	60.	1.4	1.662	1.0
%RSD	.24313	.17196	.03430	1.7323	.04216

#1	2092.6	34676.	4051.2	94.742	2456.9
#2	2099.8	34760.	4053.1	97.092	2458.4

Sample Name: J5621-08 Acquired: 10/25/2018 17:39:14 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-TWP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15239	-.07585	.51337	-.11818	.02291	635.79	.54613	.06567
Stddev	.00284	.00205	.00000	.00322	.00148	1.31	.00525	.00012
%RSD	1.8616	2.6969	.00095	2.7235	6.4627	.20639	.96146	.18142

#1	.15039	-.07440	.51337	-.12046	.02186	634.86	.54242	.06559
#2	.15440	-.07730	.51338	-.11591	.02396	636.72	.54985	.06575

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04580	75.764	1.3513	.24389	.27271	1243.8	4.7575	101.50
Stddev	.00120	.621	.0040	.00174	.00185	15.0	.0050	.90
%RSD	2.6188	.81944	.29823	.71237	.67867	1.2058	.10423	.88245

#1	.04665	75.325	1.3542	.24267	.27402	1233.2	4.7610	100.87
#2	.04495	76.203	1.3485	.24512	.27140	1254.4	4.7540	102.13

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44254	.04024	99.513	3.1287	1.9156	112.71	.02702	1.5346
Stddev	.00374	.00225	.918	.0086	.0248	1.12	.00006	.0210
%RSD	.84534	5.5985	.92293	.27544	1.2948	.99524	.23066	1.3700

#1	.43989	.03865	98.864	3.1348	1.8981	111.92	.02698	1.5198
#2	.44518	.04184	100.16	3.1226	1.9332	113.51	.02706	1.5495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.30	95.028	.04260	3.4188	.67753	47.11	.84714	<.00000
Stddev	.24	.957	.00127	.0030	.00317	.10	.00803	1.1338
%RSD	.24149	1.0068	2.9842	.08686	.46830	.2082	.94836	.93432

#1	101.13	94.351	.04170	3.4167	.67529	47.04	.84146	-120.55
#2	101.48	95.704	.04350	3.4209	.67978	47.18	.85282	-122.15

Sample Name: J5621-08 Acquired: 10/25/2018 17:39:14 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-TWP-01 Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.7	41850.	5233.1	74.200	1772.4
Stddev	1.9	199.	38.5	.812	3.3
%RSD	.07643	.47620	.73580	1.0944	.18772
#1	2527.3	41709.	5260.3	74.774	1774.7
#2	2530.1	41991.	5205.8	73.626	1770.0

Sample Name: CCV06 Acquired: 10/25/2018 18:00:38 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV4805 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0789	4.6929	4.8255	4.9646	5.1287	10.155	9.8756	.24325
Stddev	.0342	.0130	.0158	.0120	.0286	.204	.1123	.00512
%RSD	.67272	.27737	.32833	.24238	.55761	2.0057	1.1371	2.1028
#1	5.1030	4.7021	4.8367	4.9731	5.1489	10.011	9.7962	.23963
#2	5.0547	4.6837	4.8143	4.9561	5.1084	10.299	9.9550	.24687
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3403	24.897	1.0066	2.3906	1.2440	4.8196	2.4463	23.892
Stddev	.0035	.238	.0284	.0079	.0066	.0608	.0529	.518
%RSD	.14994	.95713	2.8222	.32952	.53318	1.2623	2.1639	2.1689
#1	2.3428	24.729	.98655	2.3962	1.2487	4.7765	2.4088	23.526
#2	2.3378	25.066	1.0267	2.3850	1.2393	4.8626	2.4837	24.258
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3215	1.1920	23.295	2.3144	2.5633	24.604	5.1173	4.7343
Stddev	.0079	.0263	.326	.0493	.0116	.255	.0291	.0793
%RSD	.33952	2.2102	1.4008	2.1283	.45284	1.0358	.56913	1.6749
#1	2.3270	1.1734	23.064	2.2795	2.5551	24.424	5.1379	4.6783
#2	2.3159	1.2107	23.525	2.3492	2.5715	24.785	5.0967	4.7904
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9091	4.7864	4.7131	4.8047	4.8700	4.741	4.7655	F 2.2561
Stddev	.0068	.0161	.0100	.1077	.0579	.013	.0544	.3252
%RSD	.13787	.33707	.21168	2.2416	1.1884	.2825	1.1407	14.415
#1	4.9139	4.7750	4.7201	4.7285	4.8291	4.750	4.7271	2.0262
#2	4.9043	4.7978	4.7060	4.8808	4.9109	4.731	4.8040	2.4861

Sample Name: CCV06 Acquired: 10/25/2018 18:00:38 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV4805 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0085
Stddev .2911
%RSD 14.494

#1 2.2143
#2 1.8026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.9	32655.	3731.8	90.576	2416.5
Stddev	17.6	580.	14.5	.208	15.2
%RSD	.87416	1.7765	.38974	.22959	.62807

#1	2001.5	33065.	3742.1	90.723	2405.7
#2	2026.3	32244.	3721.5	90.429	2427.2

Sample Name: CCB06 Acquired: 10/25/2018 18:04:20 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB4805 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	.00199	-.00095	-.00111	-.00065	-.00849	-.00162
Stddev	.00328	.00062	.00029	.00294	.00029	.00895	.00047
%RSD	211.43	31.178	30.444	264.49	43.693	105.45	28.646

#1	-.00387	.00155	-.00074	-.00319	-.00045	-.00216	-.00129
#2	.00077	.00243	-.00115	.00097	-.00086	-.01482	-.00195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00007	.01177	-.00047	-.00016	.00020	.00216
Stddev	.00002	.00000	.00057	.00041	.00015	.00015	.00185
%RSD	240.47	2.6232	4.8538	87.662	92.081	73.575	85.785

#1	.00001	.00007	.01137	-.00075	-.00006	.00030	.00347
#2	-.00002	.00007	.01217	-.00018	-.00027	.00010	.00085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00573	.00144	-.00044	-.61372	.00081	-.00004
Stddev	.00000	.00100	.00033	.00008	.00265	.00006	.00003
%RSD	.22096	17.532	23.084	17.655	.43142	7.7355	68.443

#1	-.00000	.00502	.00168	-.00050	-.61559	.00076	-.00006
#2	-.00000	.00643	.00121	-.00039	-.61185	.00085	-.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08700	.00025	.00808	.00311	-.00284	.00030	.00147
Stddev	.00345	.00010	.00381	.00323	.00087	.00061	.00204
%RSD	3.9682	38.380	47.104	103.89	30.590	205.31	138.52

#1	-.08456	.00018	.00539	.00540	-.00345	-.00013	.00003
#2	-.08944	.00032	.01078	.00083	-.00222	.00073	.00292

Sample Name: CCB06 Acquired: 10/25/2018 18:04:20 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB4805 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00173	-0.0000	.00006	F<.00000	F .04008
Stddev	.00056	.0008	.00003	.23566	.80259
%RSD	32.275	6822.	44.274	27.460	2002.5

#1	-0.00134	-0.0006	.00004	-.69155	.60760
#2	-0.00213	.0006	.00008	-1.0248	-.52744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.9	34598.	3780.8	95.413	2707.4
Stddev	11.4	147.	12.3	.572	9.1
%RSD	.54094	.42386	.32466	.59906	.33685

#1	2105.8	34701.	3789.5	95.008	2700.9
#2	2122.0	34494.	3772.2	95.817	2713.8

Sample Name: J5621-09 Acquired: 10/25/2018 18:08:26 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13413	-.00563	.00968	.00087	-.00038	.41239	.03080	.00015
Stddev	.00205	.00215	.00067	.00544	.00147	.03152	.00090	.00002
%RSD	1.5286	38.223	6.8713	621.49	381.81	7.6425	2.9267	11.472

#1	.13269	-.00411	.00921	-.00297	-.00142	.39010	.03016	.00014
#2	.13558	-.00715	.01016	.00472	.00065	.43467	.03144	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	258.80	-.00342	.00032	.01028	.97394	.09934	764.00
Stddev	.00014	5.67	.00032	.00014	.00027	.06858	.00282	15.66
%RSD	34.188	2.1903	9.3573	44.151	2.6060	7.0410	2.8437	2.0496

#1	-.00032	254.79	-.00319	.00022	.01009	.92545	.09734	752.93
#2	-.00052	262.80	-.00365	.00042	.01047	1.0224	.10133	775.07

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00435	-.00025	^ *****	.00587	.02980	286.35	.00724	2.6216
Stddev	.00016	.00074	-----	.00016	.00226	5.19	.00025	.0583
%RSD	3.6025	296.38	-----	2.6613	7.5879	1.8133	3.4694	2.2225

#1	-.00424	.00028	^ -----	.00598	.02820	282.67	.00706	2.5804
#2	-.00446	-.00078	^ -----	.00576	.03140	290.02	.00742	2.6628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 670.02	4.4121	-.24798	.00363	.21042	.2820	4.6001	14.620
Stddev	3.12	.0926	.00148	.00036	.01554	.0026	.0819	.722
%RSD	.46554	2.0998	.59828	9.8349	7.3844	.9355	1.7802	4.9360

#1	667.82	4.3466	-.24693	.00338	.19943	.2801	4.5422	14.110
#2	672.23	4.4776	-.24903	.00388	.22141	.2838	4.6580	15.130

Sample Name: J5621-09 Acquired: 10/25/2018 18:08:26 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SW-01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.7063
Stddev .5097
%RSD 6.6136

#1 7.3459
#2 8.0667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.9	23507.	3292.9	75.684	1566.1
Stddev	.8	511.	48.2	5.062	1.6
%RSD	.05426	2.1756	1.4636	6.6885	.10376

#1	1507.3	23869.	3327.0	79.264	1567.3
#2	1508.5	23146.	3258.9	72.105	1565.0

Sample Name: J5621-09DUP Acquired: 10/25/2018 18:12:30 Type: Unk
Method: P4-ICP2(v2524) 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	.13622	-.00446	.01084	.00100	-.00051	.40154	.03233	.00003
Stddev	.00205	.00176	.00211	.00338	.00075	.00306	.00047	.00006
%RSD	1.5076	39.368	19.482	339.91	146.82	.76172	1.4606	189.50
#1	.13768	-.00322	.00935	-.00140	-.00105	.40370	.03267	-.00001
#2	.13477	-.00570	.01233	.00339	.00002	.39937	.03200	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	267.74	-.00266	.00040	.01098	.99374	.10144	790.83
Stddev	.00014	.56	.00106	.00043	.00027	.01258	.00073	3.23
%RSD	45.170	.20880	39.891	108.44	2.4840	1.2663	.71911	.40819
#1	-.00021	268.14	-.00191	.00009	.01079	.98484	.10196	793.11
#2	-.00041	267.35	-.00340	.00071	.01117	1.0026	.10093	788.55
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00417	-.00045	^ *****	.00588	.02959	297.32	.00713	2.7043
Stddev	.00100	.00032	-----	.00022	.00024	1.81	.00029	.0184
%RSD	23.874	71.768	-----	3.7936	.81246	.60951	4.1130	.67936
#1	-.00488	-.00067	^ -----	.00572	.02942	298.60	.00734	2.7173
#2	-.00347	-.00022	^ -----	.00604	.02976	296.04	.00692	2.6913
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 677.94	4.5802	-.24983	.00405	.22947	.2825	4.7678	15.738
Stddev	8.89	.0177	.00254	.00301	.00445	.0070	.0411	.268
%RSD	1.3120	.38637	1.0186	74.173	1.9412	2.465	.86164	1.7036
#1	684.23	4.5928	-.25163	.00618	.22632	.2874	4.7969	15.928
#2	671.65	4.5677	-.24803	.00193	.23262	.2776	4.7388	15.549

Sample Name: J5621-09DUP Acquired: 10/25/2018 18:12:30 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.9253
Stddev	.5224
%RSD	6.5918

#1	7.5559
#2	8.2947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.5	23164.	3196.8	75.816	1553.1
Stddev	23.0	225.	15.5	.530	20.8
%RSD	1.5389	.97060	.48552	.69883	1.3393

#1	1478.2	23005.	3185.8	76.191	1538.4
#2	1510.8	23323.	3207.7	75.442	1567.8

Sample Name: J5621-09LX5 Acquired: 10/25/2018 18:16:35 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7614 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02233	-.00144	.00354	-.00118	-.00255	.09698	.00526	.00010
Stddev	.00294	.00076	.00010	.00232	.00052	.01243	.00001	.00007
%RSD	13.189	52.435	2.6902	196.77	20.470	12.816	.16565	73.873
#1	.02025	-.00197	.00347	.00046	-.00218	.10577	.00525	.00005
#2	.02441	-.00091	.00361	-.00282	-.00292	.08819	.00526	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	55.917	-.00093	-.00004	.00219	.21321	.02137	162.05
Stddev	.00002	.089	.00079	.00022	.00011	.01372	.00009	.78
%RSD	22.532	.15839	85.025	517.07	4.8135	6.4327	.40510	.48038
#1	-.00013	55.855	-.00149	.00011	.00212	.22291	.02143	161.50
#2	-.00009	55.980	-.00037	-.00020	.00227	.20351	.02131	162.60
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	-.00013	1133.4	.00239	.00588	56.054	.00146	.56939
Stddev	.00011	.00019	35.2	.00039	.00005	.008	.00027	.00635
%RSD	6.3110	143.24	3.1025	16.357	.79178	.01514	18.322	1.1157
#1	-.00165	.00000	1158.3	.00211	.00585	56.048	.00165	.56489
#2	-.00180	-.00026	1108.5	.00266	.00591	56.060	.00127	.57388
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 129.12	.91017	-.04506	.00422	.05421	.0478	.95225	5.8316
Stddev	.03	.01214	.00217	.00011	.00148	.0005	.00110	.1873
%RSD	.02210	1.3338	4.8239	2.5145	2.7307	1.082	.11585	3.2124
#1	129.10	.90158	-.04659	.00429	.05317	.0481	.95147	5.6992
#2	129.14	.91875	-.04352	.00414	.05526	.0474	.95303	5.9641

Sample Name: J5621-09LX5 Acquired: 10/25/2018 18:16:35 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7614 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4219
Stddev	.6468
%RSD	14.627

#1	3.9645
#2	4.8792

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.5	28430.	3596.8	88.941	2035.4
Stddev	3.2	183.	6.2	.723	1.1
%RSD	.17449	.64241	.17241	.81296	.05357

#1	1828.8	28301.	3592.4	89.452	2036.2
#2	1824.3	28560.	3601.2	88.429	2034.7

Sample Name: J5621-10 Acquired: 10/25/2018 18:20:43 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5621-09MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0645	1.7429	.96615	2.3128	.92517	3.0272	.23600	.25963
Stddev	.0026	.0084	.00570	.0074	.00530	.0177	.00066	.00125
%RSD	.24391	.48385	.59033	.32126	.57299	.58478	.27838	.48328

#1	1.0627	1.7369	.96212	2.3075	.92142	3.0398	.23646	.25875
#2	1.0664	1.7489	.97018	2.3180	.92892	3.0147	.23553	.26052

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19283	264.83	.34929	.19663	.26722	3.7170	.28859	776.18
Stddev	.00088	1.22	.00123	.00039	.00122	.0196	.00138	2.07
%RSD	.45652	.46200	.35098	.19987	.45550	.52828	.47698	.26718

#1	.19221	263.97	.34842	.19690	.26636	3.7309	.28762	774.71
#2	.19346	265.70	.35015	.19635	.26808	3.7031	.28957	777.65

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46269	.09305	^ *****	.28778	.23462	301.95	.39354	2.9560
Stddev	.00024	.00034	-----	.00092	.00013	.81	.00161	.0017
%RSD	.05230	.36486	-----	.31904	.05445	.26872	.41033	.05808

#1	.46286	.09329	^ -----	.28842	.23453	301.37	.39239	2.9548
#2	.46252	.09281	^ -----	.28713	.23471	302.52	.39468	2.9572

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 663.79	5.3920	.43766	.19649	.46209	7.852	4.8576	14.789
Stddev	.53	.0339	.00016	.00383	.00459	.009	.0005	.158
%RSD	.08017	.62914	.03592	1.9470	.99264	.1209	.01030	1.0704

#1	663.41	5.3681	.43777	.19378	.45884	7.846	4.8573	14.901
#2	664.16	5.4160	.43755	.19919	.46533	7.859	4.8580	14.677

Sample Name: J5621-10 Acquired: 10/25/2018 18:20:43 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5621-09MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.8460
Stddev	.2731
%RSD	3.9892

#1	6.6529
#2	7.0391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.8	23395.	3210.6	77.411	1559.1
Stddev	2.5	37.	7.8	.024	1.9
%RSD	.16390	.15998	.24203	.03039	.12178

#1	1509.1	23368.	3216.1	77.394	1557.8
#2	1512.6	23421.	3205.1	77.427	1560.4

Sample Name: J5621-11 Acquired: 10/25/2018 18:24:36 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5621-09MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0655	1.7550	.97011	2.3017	.92342	3.0572	.24026	.26038
Stddev	.0062	.0004	.00078	.0152	.00556	.0138	.00233	.00003
%RSD	.58540	.02401	.08033	.66067	.60204	.45276	.97120	.01006
#1	1.0699	1.7553	.96955	2.3124	.92735	3.0670	.24191	.26037
#2	1.0611	1.7547	.97066	2.2909	.91949	3.0474	.23861	.26040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19401	268.61	.34979	.19762	.26793	3.8612	.28796	782.84
Stddev	.00034	2.81	.00020	.00070	.00138	.0037	.00054	8.72
%RSD	.17355	1.0448	.05639	.35432	.51464	.09544	.18912	1.1141
#1	.19377	270.60	.34965	.19812	.26890	3.8638	.28834	789.00
#2	.19425	266.63	.34993	.19713	.26695	3.8586	.28757	776.67
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46611	.09314	^ *****	.28801	.23997	304.89	.39539	3.0070
Stddev	.00123	.00023	-----	.00320	.00123	2.70	.00225	.0319
%RSD	.26490	.24877	-----	1.1127	.51106	.88645	.56813	1.0613
#1	.46523	.09330	^ -----	.29028	.23910	306.80	.39698	3.0296
#2	.46698	.09297	^ -----	.28575	.24084	302.98	.39380	2.9845
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 664.08	5.4687	.43945	.19556	.46411	7.907	4.8910	15.121
Stddev	1.32	.0498	.00294	.00281	.00131	.018	.0461	.259
%RSD	.19878	.90995	.66845	1.4382	.28172	.2247	.94257	1.7113
#1	665.01	5.5039	.43738	.19755	.46319	7.920	4.9236	15.304
#2	663.15	5.4335	.44153	.19357	.46504	7.895	4.8584	14.938

Sample Name: J5621-11 Acquired: 10/25/2018 18:24:36 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5621-09MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.9786
Stddev	.4331
%RSD	6.2058

#1	6.6723
#2	7.2848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.2	23424.	3180.3	75.678	1560.7
Stddev	11.5	199.	30.5	.190	5.0
%RSD	.75759	.84875	.95867	.25106	.32038

#1	1508.1	23284.	3158.8	75.812	1557.1
#2	1524.3	23565.	3201.9	75.543	1564.2

Sample Name: J5621-09A Acquired: 10/25/2018 18:28:30 Type: Unk
Method: P4-ICP2(v2524) 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	1.0484	1.7083	.94723	2.2560	.90401	2.9525	.23060	.25514
Stddev	.0101	.0042	.00396	.0078	.00302	.0144	.00199	.00039
%RSD	.96071	.24756	.41841	.34593	.33430	.48906	.86333	.15338

#1	1.0412	1.7112	.95003	2.2505	.90188	2.9627	.22919	.25487
#2	1.0555	1.7053	.94443	2.2615	.90615	2.9423	.23201	.25542

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18906	259.70	.34333	.19205	.26235	3.6376	.28281	760.75
Stddev	.00079	2.77	.00115	.00031	.00120	.1153	.00047	9.13
%RSD	.41946	1.0648	.33476	.16199	.45924	3.1695	.16516	1.1999

#1	.18962	257.75	.34252	.19227	.26320	3.7191	.28314	754.30
#2	.18850	261.66	.34415	.19183	.26150	3.5560	.28248	767.21

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45444	.09015	^ *****	.28155	.22895	296.83	.38619	2.9007
Stddev	.00142	.00055	-----	.00021	.00627	2.57	.00006	.0450
%RSD	.31224	.60841	-----	.07506	2.7384	.86655	.01517	1.5516

#1	.45544	.08976	^ -----	.28170	.23339	295.01	.38623	2.8689
#2	.45344	.09053	^ -----	.28140	.22452	298.65	.38615	2.9325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 648.65	5.3123	.42850	.19071	.44116	7.713	4.7496	15.347
Stddev	3.65	.0054	.00111	.00304	.00737	.021	.0401	.017
%RSD	.56202	.10095	.25946	1.5963	1.6715	.2696	.84342	.11278

#1	651.23	5.3085	.42929	.18856	.43594	7.728	4.7213	15.334
#2	646.07	5.3161	.42771	.19286	.44637	7.699	4.7779	15.359

Sample Name: J5621-09A Acquired: 10/25/2018 18:28:30 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.6291
Stddev	.7028
%RSD	10.602

#1	6.1322
#2	7.1261

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.4	23816.	3271.3	79.172	1593.7
Stddev	9.7	15.	15.1	2.597	14.1
%RSD	.62745	.06205	.46173	3.2800	.88278

#1	1537.6	23826.	3281.9	77.336	1583.7
#2	1551.3	23806.	3260.6	81.008	1603.6

Sample Name: J5624-10 Acquired: 10/25/2018 18:32:23 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SW-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04997	-.00362	.01057	.00240	-.00188	.29424	.02825	.00016
Stddev	.00176	.00247	.00088	.00158	.00123	.02000	.00002	.00007
%RSD	3.5303	68.165	8.2784	65.994	65.831	6.7957	.08331	42.732
#1	.05122	-.00188	.01119	.00351	-.00100	.28010	.02827	.00011
#2	.04873	-.00537	.00995	.00128	-.00275	.30838	.02824	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	263.17	-.00408	.00008	.00731	.49647	.06776	786.81
Stddev	.00012	1.37	.00004	.00014	.00018	.01815	.00105	.09
%RSD	41.759	.51931	.89967	184.22	2.4610	3.6559	1.5498	.01193
#1	-.00021	262.20	-.00406	-.00002	.00744	.50930	.06701	786.88
#2	-.00039	264.13	-.00411	.00017	.00719	.48363	.06850	786.75
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00463	-.00075	^ *****	.00404	.02409	299.09	.00691	2.7557
Stddev	.00004	.00042	-----	.00065	.00020	.40	.00055	.0100
%RSD	.82036	56.850	-----	16.177	.84020	.13475	7.9772	.36334
#1	-.00461	-.00105	^ -----	.00450	.02423	298.80	.00729	2.7628
#2	-.00466	-.00045	^ -----	.00357	.02394	299.37	.00652	2.7486
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 690.66	3.1507	-.25468	-.00086	.19439	.2758	4.7294	16.084
Stddev	.77	.0566	.00041	.00214	.00265	.0006	.0041	.269
%RSD	.11113	1.7960	.15955	248.48	1.3627	.2104	.08576	1.6750
#1	691.21	3.1107	-.25497	.00065	.19252	.2762	4.7265	15.894
#2	690.12	3.1907	-.25440	-.00238	.19627	.2754	4.7322	16.275

Sample Name: J5624-10 Acquired: 10/25/2018 18:32:23 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SW-02 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.0739
Stddev .1605
%RSD 1.9882

#1 7.9604
#2 8.1874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1514.5	23531.	3337.9	78.920	1570.1
Stddev	8.5	48.	3.3	.950	5.0
%RSD	.56325	.20296	.09941	1.2032	.31917

#1	1508.5	23498.	3335.6	78.249	1566.6
#2	1520.6	23565.	3340.3	79.592	1573.7

Sample Name: J5626-04 Acquired: 10/25/2018 18:36:28 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-TWP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2919	-.01140	8.6956	.03949	.09056	73.591	.58367
Stddev	.0154	.00013	.0372	.00166	.00118	.859	.00411
%RSD	.67339	1.1337	.42813	4.2014	1.3083	1.1669	.70341

#1	2.3028	-.01131	8.7220	.03831	.09140	74.198	.58657
#2	2.2810	-.01149	8.6693	.04066	.08972	72.984	.58077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01149	.01089	242.02	1.7049	.18094	59.780	204.76
Stddev	.00035	.00004	1.79	.0368	.00056	.455	2.60
%RSD	3.0304	.36208	.73813	2.1603	.31058	.76089	1.2687

#1	.01174	.01086	243.28	1.7309	.18134	60.102	206.60
#2	.01125	.01092	240.76	1.6789	.18054	59.458	202.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7656	80.417	.85285	.01096	100.29	.34101	25.553
Stddev	.0243	.496	.00483	.00068	.72	.00685	.363
%RSD	.35865	.61660	.56601	6.1640	.71589	2.0100	1.4208

#1	6.7828	80.768	.85626	.01144	100.80	.34586	25.810
#2	6.7484	80.067	.84944	.01048	99.780	.33616	25.296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.127	.02578	.56558	F 72.620	F 89.086	1.4182	3.1536
Stddev	.125	.00014	.00969	.542	.989	.0001	.0192
%RSD	.54203	.56002	1.7129	.74577	1.1106	.00605	.60790

#1	23.215	.02588	.55873	73.003	89.785	1.4182	3.1672
#2	23.038	.02568	.57243	72.237	88.386	1.4183	3.1400

Sample Name: J5626-04 Acquired: 10/25/2018 18:36:28 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PA-TWP-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10614	5.456	1.2944	<.00000	F<.00000
Stddev	.00127	.049	.0082	.84282	.13953
%RSD	1.1975	.8979	.63601	8.1385	.33984

#1	.10524	5.491	1.3002	-9.7601	-41.158
#2	.10704	5.422	1.2886	-10.952	-40.961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.3	32641.	3976.2	86.503	2184.8
Stddev	17.9	563.	43.8	1.512	18.7
%RSD	.89941	1.7260	1.1016	1.7476	.85636

#1	1973.6	32242.	3945.3	85.435	2171.6
#2	1998.9	33039.	4007.2	87.572	2198.1

Sample Name: J5626-06 Acquired: 10/25/2018 18:40:23 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00597	.00079	-.00057	.00189	-.00053	.01259	-.00150	-.00007
Stddev	.00034	.00092	.00022	.00087	.00095	.00228	.00012	.00002
%RSD	5.7359	117.30	38.652	45.892	179.34	18.067	8.0068	31.124

#1	-.00621	.00013	-.00072	.00250	.00014	.01420	-.00158	-.00006
#2	-.00572	.00144	-.00041	.00127	-.00120	.01099	-.00141	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.11265	.00010	-.00002	.00258	.04459	.00106	.02675
Stddev	.00006	.00108	.00046	.00017	.00003	.00811	.00002	.02108
%RSD	461.71	.95958	469.23	839.27	1.0806	18.180	2.3373	78.807

#1	-.00003	.11189	-.00023	-.00014	.00260	.03886	.00104	.01184
#2	.00005	.11341	.00042	.00010	.00256	.05033	.00107	.04166

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00041	2.2071	.00074	.00963	.31011	-.00006	.00746
Stddev	.00001	.00005	.0546	.00017	.00002	.04750	.00010	.00067
%RSD	.26511	12.328	2.4758	23.271	.21603	15.316	177.84	8.9767

#1	.00228	-.00045	2.1685	.00086	.00964	.27652	-.00012	.00793
#2	.00229	-.00038	2.2457	.00061	.00961	.34369	.00001	.00698

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05006	.02070	-.00000	.00236	-.00031	.0118	.00037	<.00000
Stddev	.00411	.00162	.00011	.00049	.00079	.0002	.00013	.53066
%RSD	8.2016	7.8160	2234.2	20.604	256.86	1.521	36.510	63.593

#1	.05296	.02185	-.00008	.00202	-.00087	.0117	.00027	-.45922
#2	.04715	.01956	.00007	.00271	.00025	.0120	.00046	-1.2097

Sample Name: J5626-06 Acquired: 10/25/2018 18:40:23 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB-2018.10.1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .06349
 %RSD 18.779

#1 -.38297
 #2 -.29318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.7	35471.	3827.7	96.625	2750.3
Stddev	7.0	235.	9.1	.519	11.5
%RSD	.32561	.66230	.23864	.53666	.41636

#1	2136.8	35637.	3821.2	96.258	2742.2
#2	2146.7	35305.	3834.1	96.992	2758.4

Sample Name: J5626-08 Acquired: 10/25/2018 18:44:29 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00619	.00017	-.00133	.00046	.00072	.00850	-.00200	-.00006
Stddev	.00153	.00108	.00114	.00124	.00128	.00784	.00035	.00002
%RSD	24.758	651.94	85.669	266.74	178.26	92.237	17.663	41.641
#1	-.00511	.00093	-.00053	-.00041	-.00019	.00296	-.00225	-.00008
#2	-.00728	-.00060	-.00214	.00134	.00163	.01405	-.00175	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.05065	-.00004	-.00016	.00033	.01002	.00038	-.00767
Stddev	.00003	.00449	.00030	.00006	.00004	.00423	.00004	.00688
%RSD	212.59	8.8591	705.98	39.679	12.137	42.247	10.518	89.687
#1	-.00004	.04747	-.00025	-.00012	.00035	.01301	.00040	-.01253
#2	.00001	.05382	.00017	-.00021	.00030	.00703	.00035	-.00281
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00063	.90516	.00092	.01614	.18836	.00001	.00065
Stddev	.00012	.00003	.03912	.00023	.00020	.02031	.00023	.00090
%RSD	4.6610	4.0085	4.3218	25.191	1.2448	10.784	1845.2	138.94
#1	.00260	-.00062	.87750	.00108	.01628	.17400	.00017	.00128
#2	.00244	-.00065	.93282	.00075	.01599	.20273	-.00015	.00001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01155	.01119	.00049	.00234	.00046	.0021	.00027	<.00000
Stddev	.00077	.00386	.00021	.00012	.00021	.0006	.00002	.16187
%RSD	6.7091	34.520	41.634	5.3062	45.139	29.42	8.3775	16.634
#1	.01100	.00846	.00035	.00225	.00031	.0017	.00025	-.85863
#2	.01210	.01392	.00064	.00243	.00061	.0026	.00028	-1.0875

Sample Name: J5626-08 Acquired: 10/25/2018 18:44:29 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.10.1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .45610
%RSD 75.955

#1 -.92299
#2 -.27797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2132.8	35039.	3779.2	95.500	2734.7
Stddev	12.8	62.	13.9	1.839	16.4
%RSD	.60140	.17753	.36902	1.9251	.59803

#1	2123.7	34995.	3769.3	94.200	2723.1
#2	2141.8	35083.	3789.1	96.800	2746.2

Sample Name: CCV07 Acquired: 10/25/2018 18:48:34 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9975	4.7475	4.8213	4.9169	5.0439	10.134	9.6909	.24251
Stddev	.0067	.0104	.0090	.0066	.0046	.030	.1056	.00101
%RSD	.13345	.21811	.18637	.13382	.09098	.29997	1.0898	.41778

#1	4.9927	4.7548	4.8276	4.9122	5.0471	10.112	9.6163	.24179
#2	5.0022	4.7402	4.8149	4.9215	5.0407	10.155	9.7656	.24323

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3521	25.170	1.0250	2.3833	1.2405	4.8362	2.4606	23.731
Stddev	.0011	.197	.0035	.0014	.0018	.0398	.0132	.364
%RSD	.04707	.78330	.33737	.05872	.14666	.82258	.53828	1.5333

#1	2.3529	25.031	1.0225	2.3843	1.2418	4.8081	2.4512	23.474
#2	2.3513	25.310	1.0274	2.3823	1.2392	4.8643	2.4700	23.988

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3431	1.1862	23.824	2.3655	2.5861	24.496	5.0442	4.7689
Stddev	.0056	.0054	.193	.0120	.0577	.214	.0025	.0372
%RSD	.23721	.45505	.81125	.50676	2.2317	.87309	.04890	.77933

#1	2.3471	1.1824	23.688	2.3570	2.5453	24.345	5.0459	4.7426
#2	2.3392	1.1900	23.961	2.3739	2.6269	24.647	5.0424	4.7952

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8605	4.8337	4.7279	4.7243	4.8414	4.771	4.7099	F 2.5935
Stddev	.0005	.0509	.0018	.0630	.0481	.010	.0468	.2546
%RSD	.01009	1.0533	.03712	1.3342	.99453	.2009	.99331	9.8166

#1	4.8609	4.7977	4.7267	4.6797	4.8074	4.764	4.6768	2.4134
#2	4.8602	4.8697	4.7291	4.7688	4.8755	4.777	4.7430	2.7735

Sample Name: CCV07 Acquired: 10/25/2018 18:48:34 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14071 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7352
Stddev .2211
%RSD 8.0824

#1 2.8915
#2 2.5789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.6	33005.	3758.7	90.967	2465.4
Stddev	6.6	51.	27.5	1.780	8.5
%RSD	.31718	.15391	.73150	1.9572	.34389

#1	2072.0	33041.	3778.2	92.226	2459.4
#2	2081.3	32969.	3739.3	89.708	2471.4

Sample Name: CCB07 Acquired: 10/25/2018 18:52:20 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	.00247	-.00049	-.00029	.00040	-.00281	-.00119
Stddev	.00077	.00121	.00062	.00225	.00113	.00455	.00024
%RSD	18.695	49.008	126.29	782.94	282.83	161.60	20.371

#1	-.00466	.00333	-.00093	.00131	.00120	.00040	-.00136
#2	-.00357	.00161	-.00005	-.00188	-.00040	-.00603	-.00102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00006	.00863	-.00022	.00008	-.00042	.00546
Stddev	.00008	.00005	.00099	.00028	.00008	.00038	.00215
%RSD	155.83	87.824	11.487	130.62	101.86	90.811	39.373

#1	.00011	.00002	.00793	-.00042	.00013	-.00015	.00394
#2	-.00001	.00009	.00933	-.00002	.00002	-.00069	.00698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.04857	.00165	-.00009	.45764	.00075	.00009
Stddev	.00003	.00373	.00008	.00023	.02404	.00013	.00012
%RSD	51.247	7.6879	4.8949	244.07	5.2522	17.096	133.44

#1	.00003	-.05121	.00159	-.00026	.44064	.00084	.00017
#2	.00007	-.04593	.00170	.00007	.47464	.00066	.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13397	.00013	.01359	.00287	-.00355	-.00007	.00184
Stddev	.00403	.00011	.01040	.00129	.00040	.00071	.00007
%RSD	3.0118	79.826	76.479	45.010	11.271	984.52	3.9968

#1	.13111	.00021	.02095	.00196	-.00327	-.00057	.00189
#2	.13682	.00006	.00624	.00378	-.00383	.00043	.00178

Sample Name: CCB07 Acquired: 10/25/2018 18:52:20 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14071 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.0009	.00007	F<.00000	<.00000
Stddev	.00003	.0002	.00001	.65792	.34103
%RSD	2.0869	20.03	10.832	105.16	5326.3

#1	.00141	.0011	.00006	-.16040	.23474
#2	.00136	.0008	.00007	-1.0908	-.24755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.2	34769.	3722.3	93.321	2732.7
Stddev	13.4	65.	5.1	.183	10.5
%RSD	.62483	.18824	.13643	.19574	.38360

#1	2142.7	34815.	3725.9	93.450	2725.3
#2	2161.7	34722.	3718.7	93.192	2740.1

Sample Name: J5639-13 Acquired: 10/25/2018 18:56:25 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00316	-0.00046	.00032	.00020	-0.00212	.07517	.03085	-0.00008
Stddev	.00159	.00046	.00049	.00051	.00051	.00150	.00009	.00006
%RSD	50.162	100.21	154.23	252.33	24.000	1.9902	.29352	76.984

#1	-0.00204	-0.00078	.00066	.00056	-0.00248	.07411	.03079	-0.00004
#2	-0.00428	-0.00013	-0.00003	-0.00016	-0.00176	.07623	.03092	-0.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00017	89.773	-0.00047	.00004	.00015	4.5198	.19346	14.740
Stddev	.00011	.790	.00004	.00012	.00003	.0904	.00071	.149
%RSD	66.742	.88005	7.5185	290.55	21.397	2.0007	.36697	1.0114

#1	-0.00009	90.331	-0.00044	-0.00004	.00017	4.4559	.19396	14.635
#2	-0.00025	89.214	-0.00049	.00013	.00013	4.5838	.19296	14.846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	-0.00031	37.954	.00132	.02432	5.6544	.00772	.11834
Stddev	.00063	.00015	.164	.00024	.00007	.0481	.00018	.00509
%RSD	47.727	47.783	.43147	18.414	.29069	.85090	2.3246	4.3016

#1	.00175	-0.00042	38.070	.00114	.02427	5.6204	.00759	.11474
#2	.00087	-0.00021	37.838	.00149	.02437	5.6884	.00785	.12194

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.997	6.8511	-0.00614	.00005	.00180	.0184	.38338	4.6291
Stddev	.028	.0295	.00113	.00044	.00032	.0001	.00391	.0847
%RSD	.14533	.42998	18.465	834.01	17.537	.5275	1.0198	1.8287

#1	19.017	6.8720	-0.00534	.00037	.00203	.0183	.38615	4.6890
#2	18.978	6.8303	-0.00695	-0.00026	.00158	.0185	.38062	4.5693

Sample Name: J5639-13 Acquired: 10/25/2018 18:56:25 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-DRUM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1102
Stddev	.1477
%RSD	6.9978

#1	2.0058
#2	2.2146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.7	32523.	3738.8	92.125	2504.9
Stddev	6.7	278.	40.0	.011	2.7
%RSD	.33000	.85427	1.0707	.01211	.10776

#1	2018.9	32326.	3710.5	92.117	2503.0
#2	2028.4	32719.	3767.1	92.132	2506.8

Sample Name: J5649-14 Acquired: 10/25/2018 19:00:27 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01497	-.00214	.06775	-.00300	-.00071	24.388	.33375	.00126
Stddev	.00076	.00032	.00143	.00291	.00030	.156	.00331	.00000
%RSD	5.0905	14.986	2.1177	97.088	42.242	.63916	.99158	.23511
#1	.01443	-.00236	.06877	-.00094	-.00050	24.498	.33141	.00126
#2	.01551	-.00191	.06674	-.00506	-.00092	24.278	.33609	.00126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	98.196	.04072	.02372	.06737	36.505	.95020	53.184
Stddev	.00030	.651	.00070	.00033	.00043	1.568	.00239	.786
%RSD	110.61	.66286	1.7224	1.3742	.63481	4.2963	.25147	1.4782
#1	.00048	97.736	.04121	.02395	.06767	35.396	.95189	52.628
#2	.00006	98.656	.04022	.02349	.06706	37.614	.94851	53.740
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03537	-.00086	6.2797	.06437	.14886	7.3150	.00367	.03580
Stddev	.00001	.00055	.1072	.00003	.00675	.0894	.00008	.00312
%RSD	.01861	64.154	1.7073	.04178	4.5342	1.2225	2.3032	8.7164
#1	.03538	-.00125	6.2039	.06439	.14409	7.2518	.00361	.03801
#2	.03537	-.00047	6.3556	.06435	.15364	7.3783	.00373	.03360
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.304	F 38.819	.00180	.52235	.02992	.6760	.71502	<.00000
Stddev	.075	.411	.00103	.00292	.00128	.0067	.00829	.64050
%RSD	.46109	1.0593	57.363	.55982	4.2715	.9923	1.1599	231.84
#1	16.357	38.528	.00107	.52441	.02902	.6808	.70916	.17663
#2	16.251	39.110	.00253	.52028	.03083	.6713	.72089	-.72917

Sample Name: J5649-14 Acquired: 10/25/2018 19:00:27 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TWP-01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.9209
Stddev	.0819
%RSD	1.6635

#1	4.9788
#2	4.8630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.7	34235.	3934.2	92.286	2444.7
Stddev	19.0	221.	41.2	3.786	17.9
%RSD	.89739	.64566	1.0484	4.1028	.73176

#1	2102.3	34078.	3963.3	94.964	2432.0
#2	2129.2	34391.	3905.0	89.609	2457.3

Sample Name: J5656-01 Acquired: 10/25/2018 19:04:26 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-DRUM 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	-.00357	.11456	-.00464	.00336	15.757	1.3468	-.00006
Stddev	.00229	.00116	.00057	.00308	.00024	.078	.0028	.00001
%RSD	71.654	32.505	.49374	66.278	7.2730	.49367	.20681	25.554

#1	.00158	-.00440	.11416	-.00682	.00353	15.702	1.3448	-.00007
#2	.00482	-.00275	.11496	-.00247	.00318	15.812	1.3487	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	90.296	.02911	.01569	.11188	42.931	2.2191	13.116
Stddev	.00014	.129	.00023	.00002	.00085	.965	.0065	.015
%RSD	3.2389	.14265	.79177	.13318	.75628	2.2466	.29471	.11389

#1	.00449	90.205	.02927	.01571	.11248	42.249	2.2145	13.126
#2	.00429	90.387	.02894	.01568	.11128	43.613	2.2237	13.105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04910	-.00067	13.268	.04342	3.5761	7.9410	.01231	.09120
Stddev	.00103	.00019	.096	.00030	.0829	.0277	.00010	.00589
%RSD	2.1028	28.064	.72191	.69704	2.3177	.34877	.79229	6.4629

#1	.04983	-.00080	13.201	.04363	3.5175	7.9606	.01238	.08703
#2	.04837	-.00053	13.336	.04320	3.6347	7.9214	.01225	.09537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.120	F 23.926	.00627	.74854	.01665	.8392	.37212	<.00000
Stddev	.093	.074	.00029	.00031	.00020	.0013	.00190	.47758
%RSD	.57466	.30986	4.6610	.04187	1.1753	.1517	.51187	39.604

#1	16.185	23.874	.00648	.74832	.01651	.8383	.37077	-1.5436
#2	16.054	23.979	.00606	.74877	.01679	.8401	.37347	-.86820

Sample Name: J5656-01 Acquired: 10/25/2018 19:04:26 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-DRUM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0588
Stddev	.4206
%RSD	13.750

#1	3.3562
#2	2.7614

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.7	33955.	3884.3	93.355	2471.7
Stddev	15.9	62.	.4	1.989	15.1
%RSD	.76506	.18148	.01125	2.1307	.61052

#1	2070.4	33998.	3884.6	94.762	2461.1
#2	2092.9	33911.	3884.0	91.949	2482.4

Sample Name: J5659-01 Acquired: 10/25/2018 19:08:25 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00606	.00159	.24344	.00284	.00273	.02505	.00169	-.00011
Stddev	.00004	.00021	.00173	.00095	.00136	.00778	.00004	.00005
%RSD	.62681	13.495	.71147	33.411	49.968	31.054	2.4037	41.212

#1	-.00609	.00174	.24222	.00351	.00369	.01955	.00172	-.00008
#2	-.00604	.00144	.24466	.00217	.00176	.03055	.00166	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	1.3196	.00419	.00002	.51781	1.0208	.01725	.08489
Stddev	.00003	.0446	.00020	.00023	.00278	.0183	.00036	.00408
%RSD	4.0646	3.3818	4.8547	1471.6	.53697	1.7957	2.0702	4.8088

#1	.00073	1.2881	.00405	-.00015	.51584	1.0079	.01751	.08778
#2	.00077	1.3512	.00433	.00018	.51977	1.0338	.01700	.08201

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	-.00006	.25404	.00107	1.6366	.37818	.10816	.14244
Stddev	.00038	.00006	.04351	.00002	.0323	.03947	.00061	.00300
%RSD	5.8378	101.97	17.128	1.5595	1.9748	10.436	.56085	2.1037

#1	.00630	-.00002	.22327	.00108	1.6138	.40609	.10773	.14032
#2	.00685	-.00010	.28481	.00105	1.6595	.35027	.10859	.14456

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7602	.03680	.01884	.00245	-.00265	1.818	.00256	<.00000
Stddev	.0472	.00146	.00011	.00055	.00080	.008	.00021	.13686
%RSD	.81939	3.9608	.58970	22.332	30.271	.4487	8.3285	13.933

#1	5.7269	.03577	.01876	.00206	-.00322	1.813	.00240	-1.0791
#2	5.7936	.03783	.01892	.00284	-.00208	1.824	.00271	-.88551

Sample Name: J5659-01 Acquired: 10/25/2018 19:08:25 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .54370
%RSD 185.26

#1 .09097
#2 -.67794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.8	34347.	3860.3	95.279	2705.2
Stddev	13.0	183.	116.8	1.385	13.6
%RSD	.62090	.53246	3.0261	1.4534	.50090

#1	2081.6	34217.	3942.9	96.258	2695.7
#2	2099.9	34476.	3777.7	94.300	2714.8

Sample Name: J5624-01 Acquired: 10/25/2018 19:12:26 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SED-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98826	-.02201	6.5620	-.02333	.15385	77.423	1.5135	.01184
Stddev	.00995	.00036	.1140	.00118	.00183	.024	.0012	.00046
%RSD	1.0073	1.6369	1.7379	5.0384	1.1918	.03055	.08019	3.8487
#1	.98122	-.02227	6.4813	-.02416	.15256	77.407	1.5143	.01152
#2	.99530	-.02176	6.6426	-.02250	.15515	77.440	1.5126	.01217
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02522	183.63	F 2.5376	.41428	14.259	716.96	8.4247	40.681
Stddev	.00140	1.09	.0161	.00414	.212	3.10	.0316	.298
%RSD	5.5438	.59549	.63371	1.0004	1.4889	.43171	.37452	.73287
#1	.02423	182.86	2.5263	.41135	14.109	719.15	8.4024	40.470
#2	.02621	184.40	2.5490	.41721	14.409	714.77	8.4470	40.892
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0135	.01120	9.1856	.38863	20.847	10.634	.09255	1.5620
Stddev	.0091	.00017	.0121	.00092	.036	.031	.00055	.0245
%RSD	.89948	1.4815	.13226	.23771	.17079	.29447	.59259	1.5657
#1	1.0071	.01131	9.1941	.38798	20.872	10.611	.09216	1.5792
#2	1.0200	.01108	9.1770	.38929	20.822	10.656	.09293	1.5447
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7734	.91765	1.9827	3.0431	.08186	6.762	.58363	<.00000
Stddev	.0518	.00543	.0195	.0004	.00095	.064	.00093	.10978
%RSD	1.0850	.59209	.98367	.01147	1.1662	.9399	.15909	.16790
#1	4.7368	.92149	1.9689	3.0433	.08118	6.718	.58297	-65.458
#2	4.8100	.91380	1.9965	3.0428	.08253	6.807	.58428	-65.303

Sample Name: J5624-01 Acquired: 10/25/2018 19:12:26 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SED-01 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.5	35145.	4084.0	84.364	2208.2
Stddev	28.7	60.	21.2	.163	32.0
%RSD	1.3110	.17025	.52016	.19361	1.4470
#1	2206.8	35187.	4099.0	84.249	2230.8
#2	2166.2	35102.	4069.0	84.480	2185.6

Sample Name: J5624-01DUP Acquired: 10/25/2018 19:16:20 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SED-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96822	-.02362	6.4387	-.02279	.15131	75.675	1.4627	.01174
Stddev	.00145	.00218	.0238	.00239	.00011	.459	.0164	.00011
%RSD	.15023	9.2485	.36895	10.492	.07292	.60698	1.1185	.92662

#1	.96719	-.02208	6.4555	-.02110	.15139	76.000	1.4743	.01167
#2	.96925	-.02517	6.4219	-.02448	.15123	75.351	1.4512	.01182

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02570	177.05	F 2.4468	.40508	14.045	692.45	8.1370	39.202
Stddev	.00107	.93	.0043	.00037	.004	10.00	.0580	.414
%RSD	4.1436	.52572	.17577	.09231	.03184	1.4443	.71311	1.0569

#1	.02495	177.71	2.4438	.40535	14.048	699.52	8.1780	39.495
#2	.02646	176.40	2.4498	.40482	14.042	685.38	8.0960	38.909

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99166	.01065	8.8387	.37744	20.133	10.297	.09179	1.5210
Stddev	.00252	.00121	.0784	.00330	.198	.111	.00015	.0042
%RSD	.25408	11.315	.88750	.87519	.98190	1.0753	.16767	.27412

#1	.99344	.01151	8.8942	.37510	20.273	10.376	.09168	1.5240
#2	.98988	.00980	8.7832	.37977	19.993	10.219	.09190	1.5181

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6382	.88043	1.9422	2.9467	.07884	6.604	.56247	<.00000
Stddev	.0046	.00728	.0084	.0001	.00113	.013	.00685	.60583
%RSD	.09939	.82712	.43479	.00240	1.4372	.1963	1.2180	.91943

#1	4.6415	.87529	1.9481	2.9468	.07964	6.613	.56732	-65.464
#2	4.6350	.88558	1.9362	2.9467	.07804	6.595	.55763	-66.320

Sample Name: J5624-01DUP Acquired: 10/25/2018 19:16:20 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SED-01DUP Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.6	35845.	4212.7	86.852	2234.9
Stddev	.7	173.	27.2	.877	7.0
%RSD	.03181	.48349	.64680	1.0097	.31316
#1	2203.1	35722.	4193.4	86.232	2229.9
#2	2202.1	35968.	4231.9	87.473	2239.8

Sample Name: J5624-01LX5 Acquired: 10/25/2018 19:20:14 Type: Unk
Method: P4-ICP2(v2524) 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	.21658	-.00283	1.3762	-.00715	.03340	16.175	.34676
Stddev	.00251	.00001	.0063	.00356	.00042	.058	.00243
%RSD	1.1573	.39669	.46010	49.758	1.2664	.35883	.70059

#1	.21481	-.00282	1.3806	-.00464	.03369	16.216	.34848
#2	.21835	-.00283	1.3717	-.00967	.03310	16.134	.34504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00355	40.532	.54137	.08293	3.3684	142.20
Stddev	.00007	.00019	.078	.00098	.00049	.0151	1.44
%RSD	5.6026	5.2374	.19160	.18022	.58533	.44829	1.0127

#1	.00115	.00342	40.477	.54206	.08327	3.3790	143.22
#2	.00125	.00368	40.587	.54068	.08258	3.3577	141.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8480	9.1810	.20009	-.00015	1.8460	.08672	5.1814
Stddev	.0052	.1190	.00019	.00053	.0001	.00006	.0330
%RSD	.28212	1.2958	.09509	365.57	.00398	.06888	.63613

#1	1.8516	9.2652	.20022	.00023	1.8461	.08668	5.2047
#2	1.8443	9.0969	.19995	-.00052	1.8460	.08676	5.1581

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3275	.02057	.35332	.90557	.20596	.39813	.66992
Stddev	.0255	.00016	.00193	.00669	.00147	.00113	.00045
%RSD	1.0968	.78411	.54538	.73921	.71587	.28505	.06745

#1	2.3455	.02069	.35468	.91031	.20700	.39894	.66960
#2	2.3094	.02046	.35196	.90084	.20492	.39733	.67024

Sample Name: J5624-01LX5 Acquired: 10/25/2018 19:20:14 Type: Unk
Method: P4-ICP2(v2524) 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	.01615	1.301	.13178	<.00000	F<.00000
Stddev	.00026	.011	.00016	.40478	.78807
%RSD	1.6395	.8323	.12479	2.7638	4.1673

#1	.01596	1.308	.13189	-14.360	-19.468
#2	.01633	1.293	.13166	-14.932	-18.353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.8	34552.	3826.3	93.494	2542.5
Stddev	13.5	170.	16.3	.866	20.6
%RSD	.62534	.49158	.42589	.92587	.81135

#1	2143.3	34432.	3814.8	92.881	2527.9
#2	2162.4	34672.	3837.8	94.106	2557.1

Sample Name: J5624-02 Acquired: 10/25/2018 19:24:10 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5624-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6628	1.7481	7.5398	1.6163	.86087	78.074	1.7456	.18138
Stddev	.0100	.0077	.0703	.0037	.00043	.220	.0184	.00019
%RSD	.60195	.44322	.93288	.22579	.05016	.28205	1.0523	.10241

#1	1.6557	1.7427	7.4900	1.6189	.86056	78.230	1.7586	.18151
#2	1.6699	1.7536	7.5895	1.6138	.86117	77.919	1.7326	.18125

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20523	181.54	F 2.6310	.60463	14.553	726.50	7.8638	42.723
Stddev	.00340	1.17	.0002	.00310	.113	21.17	.0132	.321
%RSD	1.6561	.64527	.00712	.51273	.77613	2.9143	.16789	.75138

#1	.20283	182.37	2.6309	.60244	14.474	741.47	7.8731	42.950
#2	.20764	180.72	2.6311	.60682	14.633	711.53	7.8544	42.496

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4528	.07402	11.982	.61934	21.633	19.703	.44118	1.9297
Stddev	.0064	.00168	.157	.00099	.647	.134	.00095	.0573
%RSD	.44086	2.2719	1.3086	.15907	2.9890	.68013	.21539	2.9670

#1	1.4483	.07521	12.093	.61864	22.090	19.798	.44051	1.9702
#2	1.4574	.07283	11.871	.62004	21.176	19.608	.44185	1.8892

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7217	1.6663	2.6200	3.1797	.26313	F 11.97	.75232	<.00000
Stddev	.0001	.0138	.0057	.0240	.00248	.08	.00768	.20959
%RSD	.00161	.83078	.21889	.75384	.94077	.6340	1.0205	.32143

#1	4.7218	1.6761	2.6159	3.1966	.26488	11.92	.75775	-65.058
#2	4.7217	1.6566	2.6240	3.1627	.26138	12.03	.74689	-65.355

Sample Name: J5624-02 Acquired: 10/25/2018 19:24:10 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5624-01MS Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.4	35222.	4013.6	82.904	2195.7
Stddev	16.3	105.	35.1	2.392	16.3
%RSD	.75026	.29688	.87339	2.8850	.74368
#1	2182.9	35148.	3988.8	81.213	2207.2
#2	2159.9	35296.	4038.3	84.595	2184.2

Sample Name: J5624-03 Acquired: 10/25/2018 19:28:00 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5624-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6667	1.7469	7.4942	1.6082	.85553	77.846	1.7055	.18007
Stddev	.0092	.0165	.0605	.0121	.00149	.548	.0208	.00024
%RSD	.55035	.94475	.80711	.75115	.17406	.70373	1.2219	.13405

#1	1.6602	1.7352	7.4514	1.5997	.85448	78.234	1.6907	.18024
#2	1.6732	1.7586	7.5370	1.6168	.85658	77.459	1.7202	.17990

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20880	177.21	F 2.6158	.60436	14.439	691.09	7.8153	41.557
Stddev	.00264	1.43	.0164	.00574	.062	6.31	.0485	.443
%RSD	1.2641	.80708	.62564	.94955	.43169	.91353	.62106	1.0666

#1	.20693	176.20	2.6274	.60030	14.395	695.55	7.8496	41.243
#2	.21066	178.22	2.6042	.60842	14.483	686.62	7.7809	41.870

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4403	.06989	11.675	.61563	20.533	19.248	.43883	1.8729
Stddev	.0039	.00111	.208	.00357	.152	.201	.00390	.0195
%RSD	.26860	1.5839	1.7790	.58033	.74089	1.0423	.88834	1.0413

#1	1.4430	.07068	11.528	.61815	20.641	19.106	.43608	1.8867
#2	1.4376	.06911	11.822	.61310	20.426	19.390	.44159	1.8591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6881	1.6246	2.6172	3.1326	.25768	F 11.92	.73510	<.00000
Stddev	.0205	.0272	.0271	.0003	.00065	.06	.00722	.11115
%RSD	.43646	1.6760	1.0347	.00812	.25219	.4623	.98189	.17125

#1	4.6737	1.6054	2.5980	3.1324	.25722	11.88	.73000	-64.825
#2	4.7026	1.6439	2.6363	3.1327	.25814	11.96	.74021	-64.982

Sample Name: J5624-03 Acquired: 10/25/2018 19:28:00 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5624-01MSD Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.2	35375.	4116.4	87.100	2205.7
Stddev	5.5	105.	60.3	.696	10.2
%RSD	.25031	.29666	1.4656	.79884	.46313
#1	2190.1	35301.	4159.1	86.608	2212.9
#2	2182.3	35449.	4073.8	87.592	2198.5

Sample Name: J5624-01A Acquired: 10/25/2018 19:31:51 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6642	1.7423	7.5207	1.6150	.84936	78.466	1.7366	.18331
Stddev	.0062	.0131	.0416	.0131	.00116	.266	.0154	.00058
%RSD	.37256	.75194	.55294	.80916	.13708	.33931	.88908	.31575
#1	1.6686	1.7516	7.5501	1.6243	.85018	78.654	1.7257	.18372
#2	1.6598	1.7331	7.4913	1.6058	.84853	78.277	1.7475	.18290
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20570	179.50	F 2.6496	.60362	14.501	710.78	7.9182	42.433
Stddev	.00110	1.16	.0090	.00286	.095	3.42	.0357	.279
%RSD	.53305	.64624	.33949	.47347	.65626	.48101	.45068	.65729
#1	.20648	178.68	2.6560	.60564	14.568	713.19	7.9434	42.236
#2	.20493	180.32	2.6432	.60160	14.434	708.36	7.8929	42.630
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4524	.07168	11.893	.62092	21.076	19.596	.43914	1.9139
Stddev	.0049	.00031	.110	.00030	.169	.109	.00281	.0099
%RSD	.33664	.42761	.92896	.04789	.80218	.55611	.64005	.51629
#1	1.4558	.07146	11.815	.62071	21.196	19.519	.44113	1.9209
#2	1.4489	.07190	11.971	.62113	20.957	19.673	.43716	1.9070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6911	1.6459	2.6122	3.1594	.26023	F 11.96	.75011	<.00000
Stddev	.0290	.0067	.0099	.0186	.00065	.06	.00629	.07951
%RSD	.61766	.40602	.37932	.58775	.25096	.5117	.83848	.12166
#1	4.7115	1.6412	2.6192	3.1462	.25977	12.01	.74566	-65.413
#2	4.6706	1.6506	2.6052	3.1725	.26070	11.92	.75456	-65.300

Sample Name: J5624-01A Acquired: 10/25/2018 19:31:51 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7618 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.7	34950.	4042.0	84.741	2192.2
Stddev	15.8	169.	20.6	.698	15.9
%RSD	.73027	.48325	.50989	.82344	.72707
#1	2158.5	34831.	4056.6	84.248	2180.9
#2	2180.9	35070.	4027.5	85.235	2203.5

Sample Name: CCV08 Acquired: 10/25/2018 19:35:42 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9435	4.7378	4.7950	4.8519	4.9751	10.038	9.6876	.24272
Stddev	.0119	.0217	.0081	.0257	.0177	.059	.0666	.00137
%RSD	.24030	.45829	.16902	.52953	.35591	.58599	.68755	.56601
#1	4.9519	4.7531	4.8007	4.8701	4.9876	9.9960	9.6405	.24369
#2	4.9351	4.7224	4.7893	4.8337	4.9626	10.079	9.7347	.24174
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3487	25.188	1.0226	2.3773	1.2322	4.7970	2.4566	23.636
Stddev	.0092	.266	.0003	.0095	.0023	.0514	.0087	.253
%RSD	.38981	1.0566	.02995	.40009	.18528	1.0719	.35350	1.0686
#1	2.3552	25.000	1.0228	2.3840	1.2338	4.7606	2.4628	23.457
#2	2.3423	25.376	1.0224	2.3705	1.2306	4.8333	2.4505	23.814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3436	1.1790	23.380	2.3659	2.5697	24.405	4.9968	4.7579
Stddev	.0110	.0022	.123	.0115	.0254	.270	.0124	.0301
%RSD	.46807	.18832	.52496	.48499	.98928	1.1078	.24828	.63205
#1	2.3514	1.1806	23.293	2.3740	2.5518	24.214	5.0055	4.7366
#2	2.3358	1.1774	23.466	2.3578	2.5877	24.597	4.9880	4.7792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8276	4.8557	4.7166	4.6998	4.8475	4.759	4.7144	F 2.8223
Stddev	.0239	.0079	.0222	.0560	.0310	.014	.0294	.2527
%RSD	.49543	.16277	.46966	1.1908	.63890	.2830	.62300	8.9547
#1	4.8445	4.8501	4.7323	4.6602	4.8256	4.768	4.6937	2.6436
#2	4.8107	4.8613	4.7009	4.7393	4.8694	4.749	4.7352	3.0010

Sample Name: CCV08 Acquired: 10/25/2018 19:35:42 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14077 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3247
Stddev .0784
%RSD 3.3714

#1 2.2693
#2 2.3801

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.1	32874.	3696.6	90.720	2460.7
Stddev	7.3	80.	10.7	.737	12.6
%RSD	.34986	.24369	.28914	.81267	.51020

#1	2078.0	32817.	3704.2	91.241	2451.8
#2	2088.3	32930.	3689.1	90.199	2469.6

Sample Name: CCB08 Acquired: 10/25/2018 19:39:28 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00526	.00212	.00026	-.00023	-.00000	-.00882	-.00112
Stddev	.00052	.00127	.00000	.00142	.00043	.00750	.00023
%RSD	9.7936	59.745	1.6822	628.26	9726.1	85.013	20.448

#1	-.00490	.00301	.00025	.00078	.00030	-.01412	-.00096
#2	-.00563	.00122	.00026	-.00123	-.00031	-.00352	-.00128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	.00236	-.00039	.00001	.00010	.00851
Stddev	.00001	.00005	.00308	.00028	.00014	.00030	.01220
%RSD	22.106	251.54	130.51	73.061	1199.2	308.61	143.35

#1	.00004	-.00002	.00018	-.00059	.00011	.00031	-.00012
#2	.00003	.00005	.00454	-.00019	-.00009	-.00012	.01714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01060	.00162	-.00097	-.41847	.00056	.00023
Stddev	.00002	.00893	.00025	.00026	.00468	.00042	.00005
%RSD	725.31	84.301	15.106	27.207	1.1176	75.405	21.778

#1	.00002	-.01691	.00145	-.00078	-.42178	.00085	.00026
#2	-.00001	-.00428	.00180	-.00116	-.41517	.00026	.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06753	.00013	.00532	.00177	-.00179	-.00060	.00140
Stddev	.01945	.00004	.00442	.00073	.00223	.00048	.00052
%RSD	28.805	29.924	83.127	41.502	124.90	80.101	37.076

#1	-.08129	.00010	.00844	.00125	-.00337	-.00095	.00103
#2	-.05378	.00016	.00219	.00228	-.00021	-.00026	.00177

Sample Name: CCB08 Acquired: 10/25/2018 19:39:28 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14077 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	.0020	.00003	F<.00000	F .23927
Stddev	.00069	.0015	.00008	.23702	.41741
%RSD	39.299	74.95	282.92	32.244	174.45

#1	-.00127	.0031	-.00003	-.56748	.53442
#2	-.00224	.0010	.00008	-.90267	-.05588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.9	34665.	3748.9	94.175	2753.1
Stddev	12.5	15.	12.8	3.147	16.8
%RSD	.57539	.04397	.34080	3.3413	.61082

#1	2171.1	34654.	3739.8	91.950	2741.2
#2	2188.8	34676.	3757.9	96.400	2765.0

Sample Name: J5624-04 Acquired: 10/25/2018 19:43:34 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SED-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4103	-.01335	4.6154	-.05752	.03619	72.368	.96282
Stddev	.0004	.00332	.0104	.00959	.00157	.216	.00003
%RSD	.02753	24.845	.22503	16.681	4.3377	.29792	.00343

#1	1.4100	-.01101	4.6228	-.05073	.03730	72.215	.96280
#2	1.4106	-.01570	4.6081	-.06430	.03508	72.520	.96284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	.01008	153.11	.74480	.27675	9.8918	503.02
Stddev	.00004	.00136	.96	.00684	.00109	.0362	12.65
%RSD	.97960	13.539	.62498	.91886	.39336	.36627	2.5138

#1	.00386	.00912	152.43	.73996	.27752	9.9174	511.96
#2	.00391	.01105	153.78	.74964	.27598	9.8661	494.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0106	42.834	.54524	.01098	5.6664	.36825	9.7461
Stddev	.0085	.116	.00278	.00229	.0068	.00340	.2043
%RSD	.42436	.27110	.50963	20.856	.11939	.92240	2.0963

#1	2.0046	42.752	.54721	.01260	5.6616	.36585	9.8905
#2	2.0167	42.916	.54328	.00936	5.6712	.37066	9.6016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.187	.02896	.13328	2.2522	.73909	.87211	2.5577
Stddev	.032	.00032	.01438	.0073	.00732	.00100	.0017
%RSD	.31502	1.1082	10.787	.32645	.98992	.11488	.06464

#1	10.164	.02874	.14344	2.2573	.73392	.87140	2.5565
#2	10.209	.02919	.12311	2.2470	.74426	.87282	2.5588

Sample Name: J5624-04 Acquired: 10/25/2018 19:43:34 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PA-SED-02 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07742	5.992	.62728	<.00000	F<.00000
Stddev	.00020	.003	.00128	.90032	2.0818
%RSD	.25327	.0519	.20450	2.0116	1.1603

#1	.07729	5.990	.62819	-44.119	-177.94
#2	.07756	5.994	.62638	-45.392	-180.88

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.1	34807.	4053.9	86.010	2265.9
Stddev	7.2	172.	19.0	1.784	11.1
%RSD	.33071	.49385	.46974	2.0739	.48982

#1	2169.0	34929.	4067.4	84.749	2258.1
#2	2179.2	34686.	4040.5	87.272	2273.8

Sample Name: J5624-05 Acquired: 10/25/2018 19:47:25 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-03A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10065	-.04711	1.2659	-.06617	.01306	240.77	2.0446	.01292
Stddev	.00493	.00360	.0067	.00800	.00019	.32	.0157	.00016
%RSD	4.9014	7.6409	.52705	12.097	1.4397	.13346	.76901	1.2413
#1	.10414	-.04966	1.2706	-.07183	.01319	241.00	2.0557	.01281
#2	.09716	-.04457	1.2612	-.06051	.01292	240.55	2.0334	.01304
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03966	568.28	F 5.8346	.25574	5.7928	F 1286.6	43.405	186.29
Stddev	.00141	3.31	.0176	.00077	.0109	14.4	.178	.85
%RSD	3.5564	.58171	.30235	.30014	.18771	1.1203	.41042	.45880
#1	.04066	570.62	5.8221	.25629	5.8005	1276.4	43.279	186.90
#2	.03867	565.94	5.8470	.25520	5.7851	1296.8	43.531	185.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60560	.03728	6.8601	1.0474	5.7068	12.719	.05444	1.1213
Stddev	.00259	.00196	.0549	.0056	.0058	.087	.00028	.0064
%RSD	.42779	5.2563	.80039	.53108	.10194	.68337	.51731	.57033
#1	.60743	.03589	6.8989	1.0435	5.7027	12.781	.05424	1.1168
#2	.60377	.03866	6.8213	1.0513	5.7109	12.658	.05464	1.1258
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.677	2.6570	.19296	6.7325	.28573	F 12.64	1.3394	<.00000
Stddev	.030	.0135	.00213	.0503	.00089	.03	.0094	.94656
%RSD	.27731	.50650	1.1014	.74763	.31286	.2534	.70325	1.0535
#1	10.698	2.6474	.19446	6.7681	.28510	12.66	1.3460	-90.516
#2	10.656	2.6665	.19146	6.6969	.28637	12.62	1.3327	-89.177

Sample Name: J5624-05 Acquired: 10/25/2018 19:47:25 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PA-SB-03A Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.5	36658.	4507.4	72.642	1806.2
Stddev	4.6	40.	22.9	.085	3.0
%RSD	.20142	.11000	.50888	.11685	.16748
#1	2268.3	36687.	4491.2	72.702	1804.1
#2	2274.7	36630.	4523.6	72.582	1808.3

Sample Name: J5624-06 Acquired: 10/25/2018 19:51:33 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-03B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57498	-.00927	1.9945	.00937	.04468	85.604	1.2399
Stddev	.00042	.00073	.0059	.00110	.00146	.580	.0038
%RSD	.07254	7.9095	.29385	11.766	3.2608	.67763	.30927

#1	.57469	-.00979	1.9987	.01015	.04571	86.015	1.2426
#2	.57528	-.00875	1.9904	.00859	.04365	85.194	1.2372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00524	.00277	57.259	.16125	.12700	10.950	295.29
Stddev	.00004	.00002	.133	.00015	.00030	.035	.54
%RSD	.71116	.88699	.23216	.09090	.23409	.32353	.18226

#1	.00527	.00279	57.353	.16135	.12721	10.975	295.67
#2	.00521	.00276	57.165	.16115	.12679	10.924	294.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7896	32.749	.45236	.04483	1.6440	.39718	1.4584
Stddev	.0206	.025	.00259	.00011	.0007	.00097	.0050
%RSD	.42966	.07586	.57261	.25494	.04305	.24387	.34054

#1	4.8041	32.731	.45419	.04491	1.6435	.39786	1.4619
#2	4.7750	32.766	.45053	.04475	1.6445	.39649	1.4549

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.122	.00504	.08688	F 17.057	4.0147	.04015	1.2239
Stddev	.011	.00070	.00551	.027	.0240	.00012	.0016
%RSD	.09762	13.891	6.3422	.15540	.59908	.29343	.13382

#1	11.130	.00554	.08299	17.076	3.9977	.04023	1.2251
#2	11.114	.00455	.09078	17.039	4.0317	.04007	1.2227

Sample Name: J5624-06 Acquired: 10/25/2018 19:51:33 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PA-SB-03B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19569	3.991	.42959	<.00000	F<.00000
Stddev	.00108	.007	.00029	.60458	1.0973
%RSD	.54943	.1657	.06748	2.0752	1.2988

#1	.19493	3.986	.42980	-29.561	-83.710
#2	.19645	3.995	.42939	-28.706	-85.262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.1	41803.	4815.0	90.761	2421.2
Stddev	6.6	168.	3.1	.193	7.2
%RSD	.25252	.40161	.06523	.21224	.29778

#1	2605.4	41684.	4817.2	90.625	2416.1
#2	2614.7	41922.	4812.8	90.897	2426.3

Sample Name: J5624-07 Acquired: 10/25/2018 19:55:29 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-02A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80766	-.04121	2.8449	.12667	.03295	195.64	1.4658	.00579
Stddev	.00015	.00300	.0027	.00552	.00159	3.43	.0119	.00039
%RSD	.01901	7.2725	.09521	4.3563	4.8135	1.7538	.81417	6.7354

#1	.80777	-.03909	2.8429	.13057	.03407	193.22	1.4742	.00552
#2	.80755	-.04333	2.8468	.12277	.03183	198.07	1.4573	.00607

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04586	685.83	F 2.9749	.22318	17.073	795.59	32.180	170.15
Stddev	.00420	2.82	.0501	.00031	.036	32.97	.434	1.46
%RSD	9.1684	.41136	1.6832	.13825	.20959	4.1445	1.3498	.85538

#1	.04289	687.82	2.9395	.22296	17.099	818.91	31.873	171.18
#2	.04883	683.83	3.0104	.22340	17.048	772.28	32.487	169.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68614	.09589	7.2561	.82894	13.186	9.5744	.04413	1.2862
Stddev	.00067	.00526	.0671	.01274	.561	.1043	.00016	.0652
%RSD	.09719	5.4801	.92456	1.5369	4.2551	1.0892	.35642	5.0654

#1	.68567	.09961	7.3035	.81993	13.583	9.6482	.04424	1.3323
#2	.68662	.09218	7.2087	.83795	12.789	9.5007	.04402	1.2402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.089	2.1796	.19426	9.5722	.20105	8.755	1.1760	<.00000
Stddev	.006	.0189	.00052	.0819	.00126	.001	.0090	.46020
%RSD	.05568	.86589	.26985	.85557	.62591	.0161	.76534	1.1073

#1	11.085	2.1930	.19463	9.6301	.20016	8.754	1.1824	-41.233
#2	11.093	2.1663	.19389	9.5143	.20194	8.756	1.1696	-41.884

Sample Name: J5624-07 Acquired: 10/25/2018 19:55:29 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-02A Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.4	36876.	4623.4	77.366	1906.8
Stddev	11.1	490.	45.8	3.419	10.1
%RSD	.47804	1.3277	.99014	4.4198	.52967
#1	2311.6	37222.	4591.1	74.948	1899.6
#2	2327.3	36530.	4655.8	79.784	1913.9

Sample Name: J5624-08 Acquired: 10/25/2018 19:59:30 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-02B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36923	-.09174	39.512	-.09999	.11241	410.19	5.9279	.05821
Stddev	.00021	.00066	.120	.00187	.00772	1.14	.0530	.00011
%RSD	.05750	.72388	.30392	1.8706	6.8665	.27860	.89425	.18166

#1	.36938	-.09127	39.427	-.10132	.10696	410.99	5.9654	.05829
#2	.36908	-.09221	39.597	-.09867	.11787	409.38	5.8904	.05814

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07125	1703.5	F 15.713	1.4736	157.12	F 1295.9	8.0050	235.44
Stddev	.00125	7.3	.042	.0034	.17	7.0	.0226	1.71
%RSD	1.7529	.42955	.26901	.23014	.10528	.53856	.28286	.72768

#1	.07037	1708.6	15.743	1.4712	157.24	1300.9	8.0210	236.65
#2	.07214	1698.3	15.683	1.4760	157.00	1291.0	7.9890	234.23

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9115	.05816	25.806	1.7124	F 65.331	48.638	.10576	.92169
Stddev	.0118	.00002	.242	.0015	.054	.371	.00173	.01755
%RSD	.30125	.03259	.93897	.08579	.08327	.76349	1.6313	1.9046

#1	3.9032	.05815	25.978	1.7134	65.370	48.901	.10454	.93410
#2	3.9198	.05817	25.635	1.7113	65.293	48.376	.10698	.90928

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6435	.89555	7.6065	8.8769	.48527	F 24.72	3.0561	1.4467
Stddev	.0522	.01221	.0449	.0761	.00151	.01	.0294	2.6705
%RSD	.60355	1.3635	.59099	.85700	.31031	.0468	.96077	184.59

#1	8.6066	.90419	7.5747	8.9307	.48633	24.71	3.0769	-.44165
#2	8.6803	.88692	7.6383	8.8231	.48420	24.73	3.0353	3.3350

Sample Name: J5624-08 Acquired: 10/25/2018 19:59:30 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PA-SB-02B Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.5	35772.	4646.7	66.525	1546.1
Stddev	3.5	75.	33.3	.113	.4
%RSD	.16517	.20896	.71719	.16980	.02610

#1	2115.0	35720.	4623.1	66.605	1546.4
#2	2119.9	35825.	4670.3	66.445	1545.8

Sample Name: J5624-09 Acquired: 10/25/2018 20:03:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3626	-.05028	3.7367	.01230	.04543	197.80	1.6600	.00652
Stddev	.0001	.00131	.0077	.01354	.00201	1.46	.0334	.00021
%RSD	.01000	2.6130	.20735	110.07	4.4226	.73947	2.0117	3.2481
#1	1.3627	-.05121	3.7312	.00273	.04686	196.76	1.6364	.00667
#2	1.3625	-.04935	3.7422	.02188	.04401	198.83	1.6836	.00637
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08124	1059.2	F 4.3750	.26727	19.331	F 952.88	31.432	238.12
Stddev	.00268	18.0	.0119	.00118	.045	22.42	.185	4.76
%RSD	3.2950	1.7007	.27101	.44227	.23245	2.3529	.58896	1.9997
#1	.08314	1046.4	4.3667	.26643	19.299	937.02	31.301	234.75
#2	.07935	1071.9	4.3834	.26810	19.363	968.73	31.563	241.49
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87645	.16998	9.9415	.95604	12.941	9.3325	.06572	1.8665
Stddev	.00181	.00398	.2158	.00390	.251	.1525	.00012	.0289
%RSD	.20707	2.3430	2.1703	.40755	1.9367	1.6345	.17719	1.5502
#1	.87517	.16716	9.7889	.95328	12.764	9.2247	.06564	1.8461
#2	.87773	.17280	10.094	.95879	13.119	9.4404	.06580	1.8870
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.158	3.4165	.19847	F 11.970	.23828	F 10.40	1.6656	<.00000
Stddev	.017	.0311	.00209	.222	.00367	.01	.0323	.06362
%RSD	.11238	.91136	1.0546	1.8586	1.5407	.1159	1.9397	.21804
#1	15.146	3.3944	.19995	11.813	.23568	10.39	1.6427	-29.224
#2	15.170	3.4385	.19699	12.127	.24087	10.41	1.6884	-29.134

Sample Name: J5624-09 Acquired: 10/25/2018 20:03:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-01A Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.4	35750.	4398.3	73.606	1760.1
Stddev	.4	176.	57.5	1.298	1.4
%RSD	.01991	.49118	1.3065	1.7634	.07969
#1	2179.7	35874.	4438.9	74.524	1759.1
#2	2179.1	35625.	4357.6	72.688	1761.1

Sample Name: J5651-01 Acquired: 10/25/2018 20:08:06 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02036	-.00999	.17831	-.02640	.00505	112.87	.41578
Stddev	.00284	.00297	.00092	.00148	.00007	.88	.00851
%RSD	13.936	29.719	.51673	5.6018	1.4370	.77862	2.0475

#1	.01836	-.01208	.17766	-.02536	.00510	112.25	.40976
#2	.02237	-.00789	.17896	-.02745	.00500	113.50	.42180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00172	40.482	.13344	.10787	.38461	208.06
Stddev	.00006	.00079	.948	.00014	.00030	.00097	5.88
%RSD	4.9058	45.693	2.3406	.10799	.27413	.25160	2.8284

#1	.00135	.00227	39.812	.13334	.10808	.38529	203.90
#2	.00126	.00116	41.152	.13354	.10766	.38393	212.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7618	48.873	.17856	-.00024	3.7246	.27711	.74946
Stddev	.0086	.907	.00031	.00054	.0762	.00059	.01829
%RSD	.18115	1.8551	.17238	225.15	2.0449	.21234	2.4404

#1	4.7557	48.232	.17835	-.00063	3.6707	.27669	.73653
#2	4.7679	49.514	.17878	.00014	3.7785	.27753	.76240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6161	.00202	.78650	1.0937	3.9874	.01509	3.6932
Stddev	.1415	.00023	.01084	.0006	.0328	.00047	.0760
%RSD	2.1392	11.410	1.3788	.05342	.82153	3.1421	2.0573

#1	6.5160	.00186	.77884	1.0932	4.0105	.01476	3.6395
#2	6.7162	.00219	.79417	1.0941	3.9642	.01543	3.7469

Sample Name: J5651-01 Acquired: 10/25/2018 20:08:06 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200030 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15423	3.100	.15681	<.00000	F<.00000
Stddev	.00342	.004	.00309	.16660	.66598
%RSD	2.2189	.1463	1.9732	.81328	1.4387

#1	.15181	3.097	.15463	-20.603	-46.763
#2	.15665	3.103	.15900	-20.367	-45.821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2318.7	37000.	4308.2	93.781	2462.9
Stddev	3.1	103.	65.9	2.168	1.2
%RSD	.13544	.27883	1.5301	2.3117	.05032

#1	2316.5	37072.	4354.8	95.314	2463.8
#2	2320.9	36927.	4261.5	92.248	2462.0

Sample Name: J5652-01 Acquired: 10/25/2018 20:11:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31100	-.01256	2.8424	-.00261	.01016	76.540	1.6621
Stddev	.00057	.00007	.0036	.00289	.00160	.632	.0025
%RSD	.18401	.55061	.12529	110.85	15.756	.82608	.14906

#1	.31141	-.01261	2.8449	-.00465	.00903	76.987	1.6639
#2	.31060	-.01251	2.8399	-.00056	.01129	76.093	1.6604

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00502	.00913	203.71	.61408	.10953	1.2335	356.79
Stddev	.00011	.00017	1.38	.00468	.00025	.0048	1.73
%RSD	2.1407	1.8432	.67740	.76243	.22654	.39178	.48425

#1	.00494	.00925	202.73	.61739	.10970	1.2370	358.02
#2	.00509	.00901	204.68	.61077	.10935	1.2301	355.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1724	36.033	.38442	.01199	9.4913	.45331	3.6305
Stddev	.0088	.207	.00123	.00013	.0096	.00264	.0115
%RSD	.40623	.57500	.32120	1.0674	.10117	.58152	.31544

#1	2.1787	35.886	.38529	.01208	9.4845	.45517	3.6386
#2	2.1662	36.179	.38355	.01190	9.4981	.45144	3.6224

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.231	.03056	.17534	F 75.102	2.3520	.30892	3.5801
Stddev	.025	.00029	.00236	.242	.0146	.00049	.0114
%RSD	.18576	.96304	1.3474	.32177	.61996	.15889	.31839

#1	13.214	.03035	.17701	75.273	2.3417	.30927	3.5721
#2	13.248	.03077	.17367	74.931	2.3623	.30858	3.5882

Sample Name: J5652-01 Acquired: 10/25/2018 20:11:59 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-506 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11094	9.845	.64567	<.00000	F<.00000
Stddev	.00081	.025	.00090	.20058	.26806
%RSD	.73117	.2572	.13936	.69597	.25201

#1	.11037	9.862	.64631	-28.963	-106.18
#2	.11151	9.827	.64504	-28.679	-106.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.8	41576.	4891.2	87.885	2257.2
Stddev	12.8	289.	16.8	.419	9.2
%RSD	.50128	.69505	.34261	.47668	.40867

#1	2543.8	41372.	4903.1	87.589	2250.7
#2	2561.9	41781.	4879.4	88.181	2263.7

Sample Name: J5652-02 Acquired: 10/25/2018 20:15:50 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VB16206-VB16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03445	-.01510	.04269	-.02562	.00166	165.40	.70605
Stddev	.00281	.00078	.00096	.00581	.00061	.77	.00269
%RSD	8.1438	5.1647	2.2515	22.679	36.610	.46836	.38087

#1	.03247	-.01565	.04337	-.02973	.00123	164.85	.70415
#2	.03644	-.01455	.04201	-.02151	.00209	165.94	.70796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	.00291	1208.3	.24945	.04555	.10230	177.46
Stddev	.00001	.00012	13.7	.00127	.00057	.00030	1.31
%RSD	.14248	4.2775	1.1364	.50934	1.2515	.29284	.73936

#1	.00620	.00282	1198.6	.24855	.04596	.10252	176.53
#2	.00621	.00300	1218.1	.25035	.04515	.10209	178.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1132	57.318	.08881	-.00089	5.8299	.22438	.32591
Stddev	.0008	.512	.00065	.00051	.0546	.00266	.00368
%RSD	.03553	.89272	.72818	57.555	.93749	1.1872	1.1277

#1	2.1127	56.956	.08927	-.00053	5.7912	.22249	.32331
#2	2.1138	57.679	.08835	-.00125	5.8685	.22626	.32851

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.773	.00326	.32965	F 43.495	.67992	-.00426	3.6023
Stddev	.128	.00099	.00482	.495	.00748	.00039	.0147
%RSD	.64832	30.513	1.4623	1.1381	1.1008	9.2698	.40833

#1	19.682	.00396	.33306	43.845	.67463	-.00454	3.5919
#2	19.864	.00256	.32624	43.145	.68521	-.00398	3.6127

Sample Name: J5652-02 Acquired: 10/25/2018 20:15:50 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VB16206-VB16 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11771	5.583	5.9023	45.072	F<.00000
Stddev	.00070	.025	.0554	.170	.16126
%RSD	.59144	.4488	.93799	.37679	1.3227

#1	.11722	5.601	5.8632	44.952	-12.078
#2	.11820	5.566	5.9415	45.192	-12.306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.7	33988.	4191.2	83.047	2027.6
Stddev	22.8	42.	16.1	.499	23.2
%RSD	1.0556	.12229	.38364	.60101	1.1439

#1	2144.6	33959.	4202.5	83.400	2011.2
#2	2176.8	34018.	4179.8	82.694	2044.0

Sample Name: J5654-01 Acquired: 10/25/2018 20:20:03 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SW2-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04648	-.02060	1.3699	-.02313	.00578	150.87	1.2976
Stddev	.00296	.00080	.0043	.00237	.00057	.26	.0101
%RSD	6.3788	3.9005	.31066	10.267	9.8756	.17264	.77841

#1	.04858	-.02003	1.3729	-.02481	.00619	151.05	1.3047
#2	.04439	-.02117	1.3669	-.02145	.00538	150.68	1.2904

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	.00425	364.01	.31215	.14971	.47188	283.32
Stddev	.00029	.00053	4.87	.00383	.00068	.00048	.97
%RSD	7.6649	12.585	1.3380	1.2262	.45341	.10108	.34290

#1	.00402	.00462	367.46	.31486	.15019	.47222	282.63
#2	.00361	.00387	360.57	.30944	.14923	.47155	284.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6759	97.628	.34636	.00153	5.3086	.38024	1.0633
Stddev	.0101	.604	.00016	.00050	.0420	.00712	.0020
%RSD	.21547	.61880	.04659	32.465	.79177	1.8712	.18728

#1	4.6830	98.055	.34625	.00118	5.3383	.38527	1.0619
#2	4.6687	97.201	.34648	.00188	5.2788	.37520	1.0647

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.940	.00608	.12853	F 16.822	2.0616	.03627	6.7658
Stddev	.361	.00003	.00335	.077	.0306	.00096	.0329
%RSD	.76819	.47378	2.6051	.45857	1.4847	2.6347	.48676

#1	47.195	.00610	.12616	16.877	2.0833	.03695	6.7891
#2	46.685	.00606	.13090	16.768	2.0400	.03560	6.7425

Sample Name: J5654-01 Acquired: 10/25/2018 20:20:03 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SW2-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25884	9.363	1.0493	<.00000	F<.00000
Stddev	.00114	.017	.0056	.07501	1.3168
%RSD	.44040	.1853	.53838	.61068	1.8370

#1	.25803	9.375	1.0533	-12.229	-72.612
#2	.25964	9.350	1.0453	-12.335	-70.750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.6	38752.	4600.0	87.805	2195.0
Stddev	10.2	39.	42.8	.012	9.3
%RSD	.42171	.10124	.93026	.01363	.42164

#1	2419.3	38724.	4569.7	87.796	2188.5
#2	2433.8	38780.	4630.2	87.813	2201.6

Sample Name: CCV09 Acquired: 10/25/2018 20:23:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9127	4.7664	4.7644	4.8492	4.9299	9.7462	9.5380	.23968
Stddev	.0256	.0052	.0056	.0208	.0080	.0003	.1435	.00082
%RSD	.52157	.10840	.11850	.42853	.16131	.00278	1.5043	.34244
#1	4.9308	4.7700	4.7604	4.8639	4.9355	9.7464	9.6395	.23910
#2	4.8946	4.7627	4.7684	4.8345	4.9243	9.7461	9.4366	.24026
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3506	24.239	1.0296	2.3708	1.2254	4.9473	2.4092	23.400
Stddev	.0026	.411	.0019	.0022	.0005	.0915	.0024	.328
%RSD	.11158	1.6973	.18096	.09422	.04178	1.8485	.09992	1.4033
#1	2.3487	24.530	1.0309	2.3692	1.2250	5.0120	2.4075	23.632
#2	2.3524	23.948	1.0282	2.3724	1.2257	4.8827	2.4109	23.168
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3528	1.1806	23.253	2.3622	2.5950	23.837	4.9303	4.7423
Stddev	.0002	.0036	.304	.0018	.0641	.329	.0028	.0256
%RSD	.00845	.30743	1.3088	.07766	2.4721	1.3817	.05602	.54083
#1	2.3530	1.1780	23.469	2.3635	2.6403	24.070	4.9322	4.7605
#2	2.3527	1.1832	23.038	2.3609	2.5496	23.605	4.9283	4.7242
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7909	4.7273	4.7120	4.6905	4.7659	4.810	4.6832	F 1.1651
Stddev	.0086	.0647	.0091	.0029	.0848	.009	.0686	.0437
%RSD	.18055	1.3694	.19273	.06112	1.7784	.1942	1.4648	3.7461
#1	4.7847	4.7731	4.7056	4.6925	4.8258	4.804	4.7317	1.1960
#2	4.7970	4.6815	4.7184	4.6884	4.7059	4.817	4.6347	1.1342

Sample Name: CCV09 Acquired: 10/25/2018 20:23:59 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14078 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4762
Stddev .2695
%RSD 10.885

#1 2.2856
#2 2.6668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.2	33698.	3788.6	89.899	2467.5
Stddev	6.7	84.	65.7	2.403	5.5
%RSD	.31599	.25022	1.7351	2.6730	.22379

#1	2105.4	33639.	3742.2	88.200	2463.6
#2	2114.9	33758.	3835.1	91.598	2471.4

Sample Name: CCB09 Acquired: 10/25/2018 20:27:45 Type: Unk
Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00559	.00165	-.00071	-.00190	-.00030	-.00113	-.00156
Stddev	.00051	.00036	.00001	.00263	.00218	.00017	.00019
%RSD	9.2157	21.713	1.7086	138.34	717.17	14.666	11.892

#1	-.00522	.00139	-.00070	-.00004	.00124	-.00124	-.00169
#2	-.00595	.00190	-.00072	-.00377	-.00185	-.00101	-.00143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00003	.01410	-.00064	-.00018	.00008	.00280
Stddev	.00003	.00005	.00811	.00006	.00002	.00005	.00251
%RSD	73.415	149.07	57.552	9.0860	12.237	61.464	89.765

#1	.00007	.00006	.00836	-.00068	-.00016	.00011	.00458
#2	.00002	-.00000	.01983	-.00060	-.00019	.00004	.00102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01095	.00161	-.00037	-.61914	.00118	.00070
Stddev	.00001	.01408	.00039	.00020	.00952	.00018	.00002
%RSD	654.01	128.57	23.969	54.763	1.5380	14.900	2.6407

#1	-.00001	-.02091	.00189	-.00051	-.62587	.00130	.00071
#2	.00001	-.00100	.00134	-.00022	-.61240	.00105	.00068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09338	.00026	.00441	.00372	-.00662	-.00023	.00075
Stddev	.01206	.00007	.00183	.00047	.00091	.00015	.00121
%RSD	12.912	25.583	41.432	12.732	13.774	65.981	161.80

#1	-.08485	.00030	.00570	.00338	-.00598	-.00033	-.00011
#2	-.10190	.00021	.00312	.00405	-.00727	-.00012	.00161

Sample Name: CCB09 Acquired: 10/25/2018 20:27:45 Type: Unk
 Method: P4-ICP2(v2524) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14078 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	.0018	.00012	F<.00000	F<.00000
Stddev	.00063	.0001	.00009	.26019	.09162
%RSD	21.136	5.908	76.844	12.295	45.550

#1	-.00341	.0017	.00018	-1.9322	-.13635
#2	-.00252	.0019	.00005	-2.3002	-.26592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.3	35667.	3801.5	95.479	2792.0
Stddev	7.2	215.	21.3	.819	12.0
%RSD	.32007	.60305	.56097	.85785	.42851

#1	2230.2	35515.	3816.6	96.058	2783.6
#2	2240.4	35819.	3786.5	94.900	2800.5