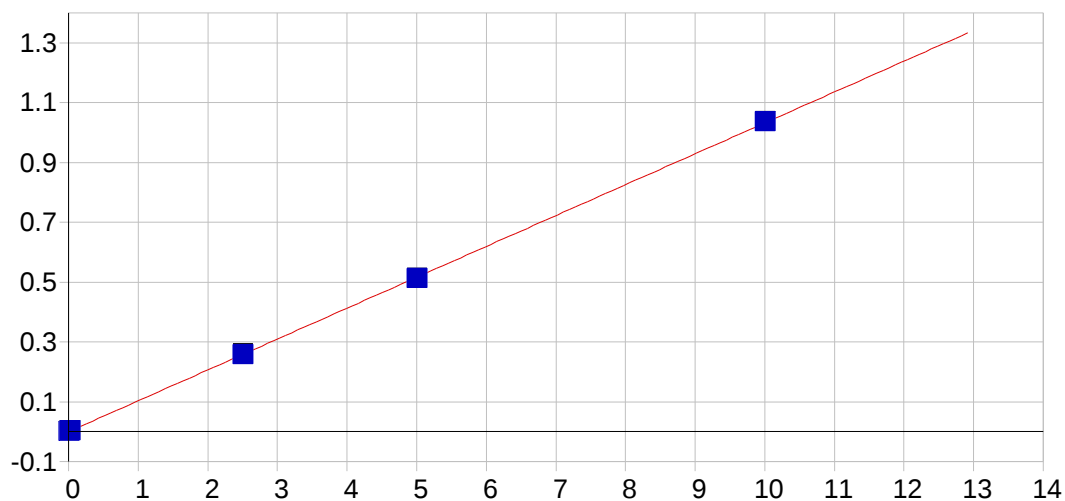


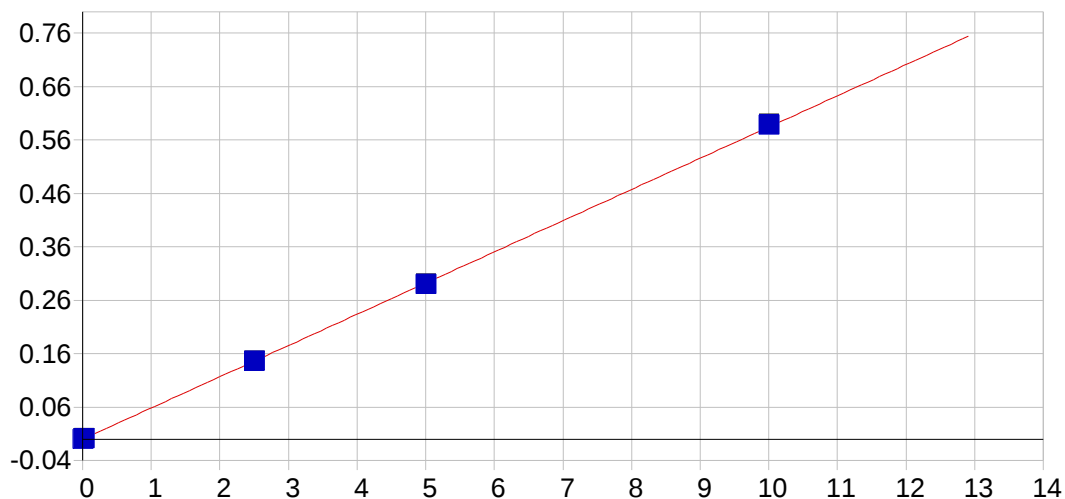


As 189.042 {478}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000248 Re-Slope: 1.000000
 A1 (Gain): 0.103245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003123
 Predicted MQL: 0.010411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02000	.01997	-.000	-.143	.00181	.000	1
S3	2.5000	2.5007	.001	.027	.25792	.001	1
S4	5.0000	4.9539	-.046	-.923	.51118	.001	1
S5	10.000	10.045	.045	.455	1.0368	.000	1



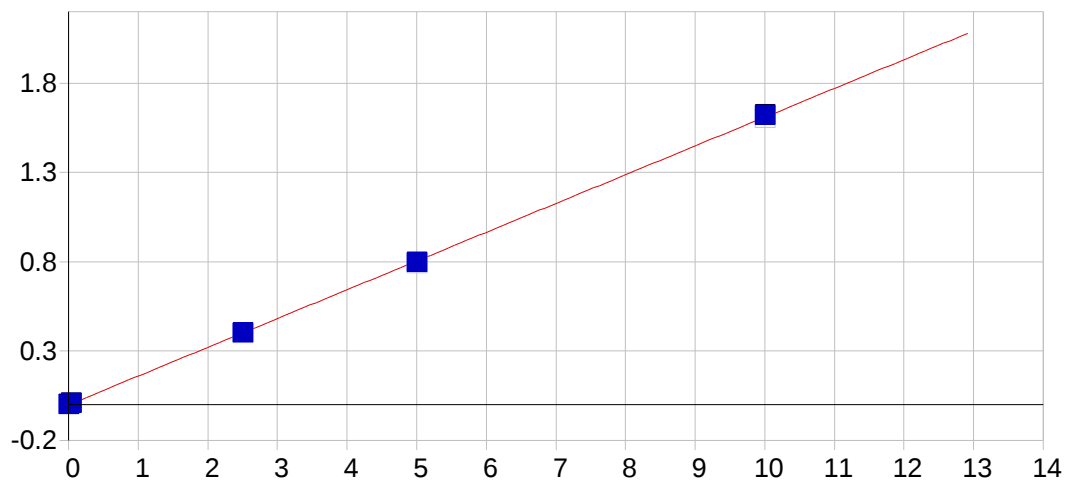
As 189.042 {479}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000

A1 (Gain): 0.058437 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003474
 Predicted MQL: 0.011579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.02000	.01879	-.001	-6.07	.00102	.000	1
S3	2.5000	2.4878	-.012	-.486	.14531	.001	1
S4	5.0000	4.9466	-.053	-1.07	.28900	.000	1
S5	10.000	10.067	.067	.668	.58821	.001	1

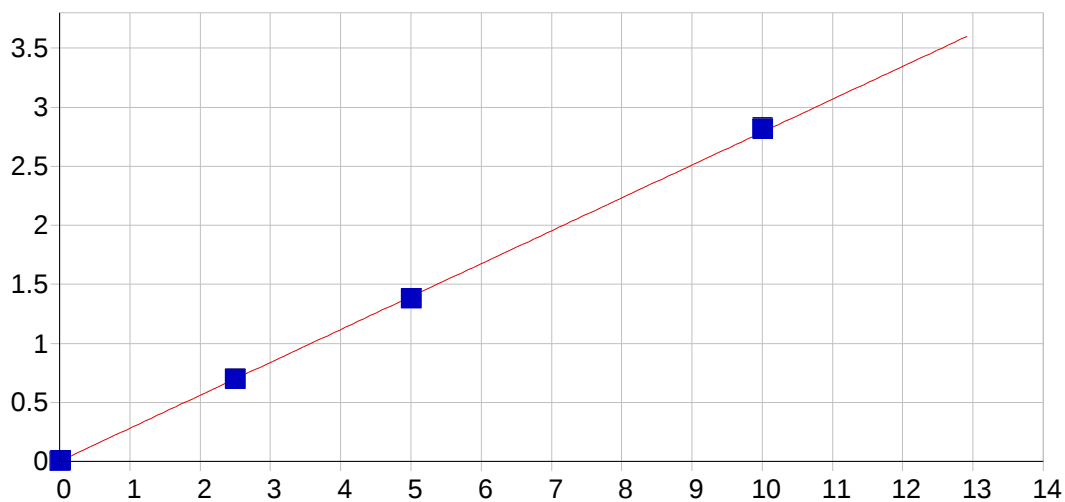


TI 190.856 {477}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000538 Re-Slope: 1.000000
 A1 (Gain): 0.161008 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001486
 Predicted MQL: 0.004953

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00054	.000	1
S1	.04000	.04258	.003	6.45	.00615	.000	1
S3	2.5000	2.4956	-.004	-.176	.39714	.001	1
S4	5.0000	4.9467	-.053	-1.07	.78766	.000	1
S5	10.000	10.055	.055	.552	1.6019	.006	1

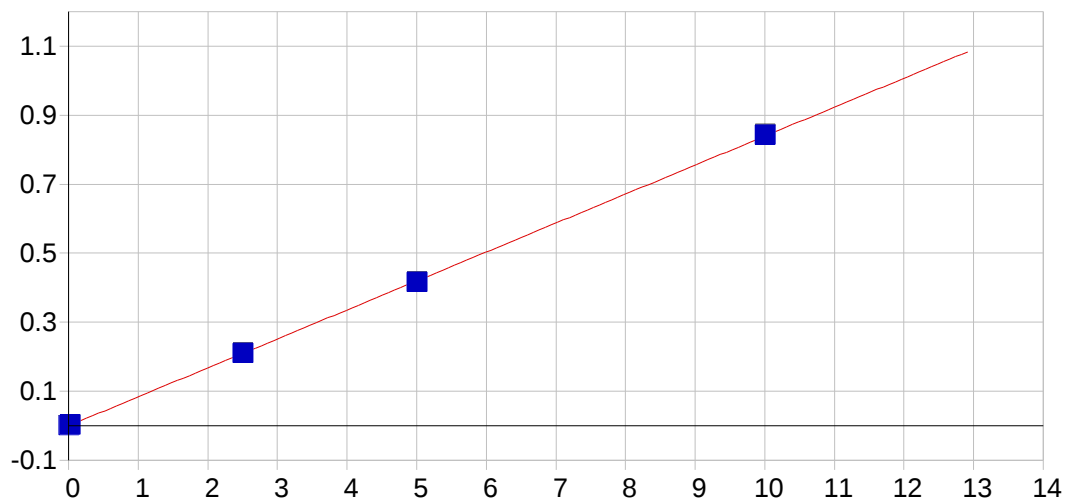


Pb 220.353 {453}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002461 Re-Slope: 1.000000
 A1 (Gain): 0.278614 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.001290
 Predicted MQL: 0.004300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00246	.000	1
S1	.01200	.01306	.001	8.82	.00604	.000	1
S3	2.5000	2.4779	-.022	-.883	.69194	.001	1
S4	5.0000	4.9263	-.074	-1.47	1.3732	.002	1
S5	10.000	10.095	.095	.947	2.8113	.008	1



Se 196.090 {472}

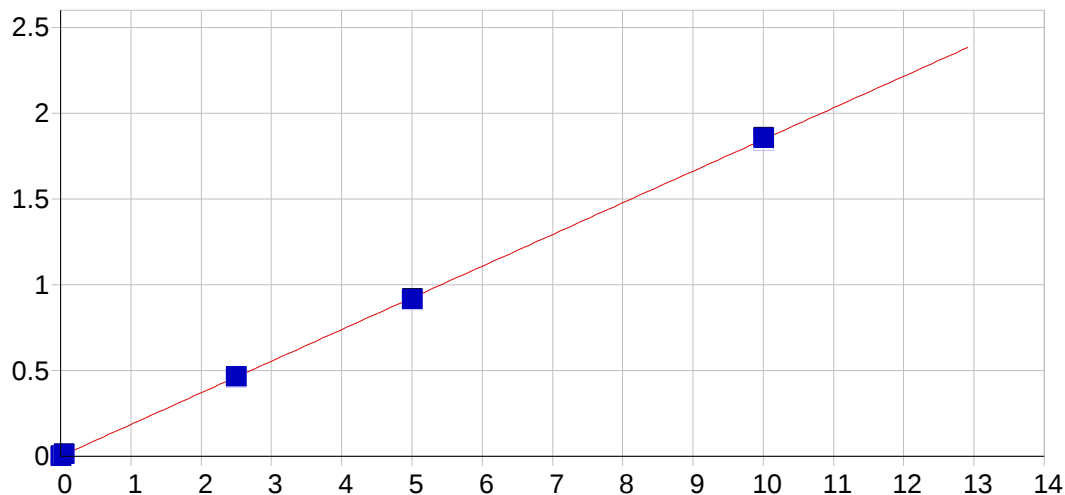
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.083940 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000011
 Predicted MDL: 0.003495
 Predicted MQL: 0.011651

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	.02040	.000	2.01	.00166	.000	1
S3	2.5000	2.5038	.004	.153	.21009	.001	1
S4	5.0000	4.9576	-.042	-.847	.41604	.000	1
S5	10.000	10.038	.038	.381	.84244	.002	1



Sb 206.833 {463}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

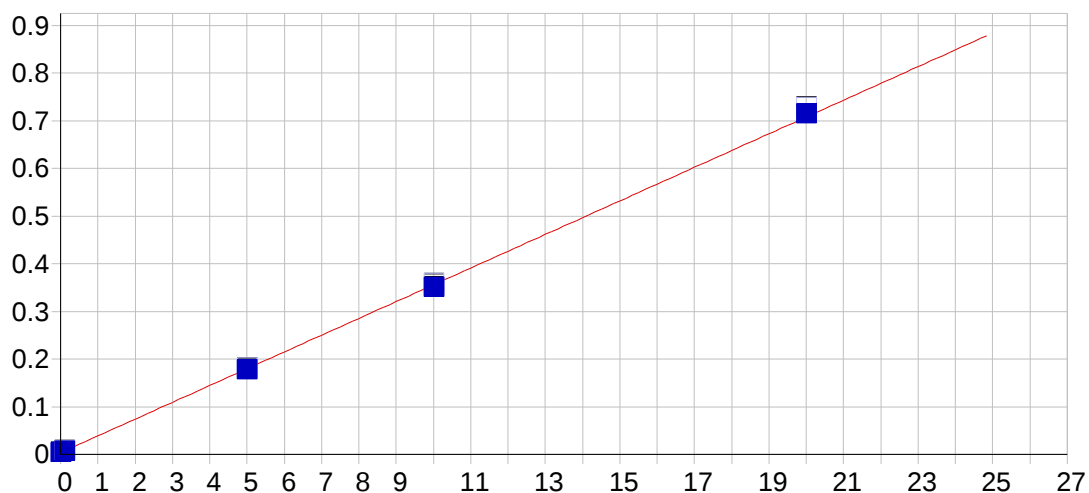
Weighting: 1/Conc

A0 (Offset): 0.000745
 A1 (Gain): 0.184546
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000042
 Predicted MDL: 0.001908
 Predicted MQL: 0.006359

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00074	.000	1
S1	.05000	.05118	.001	2.36	.00996	.000	1
S3	2.5000	2.4958	-.004	-.168	.45615	.001	1
S4	5.0000	4.9566	-.043	-.867	.90510	.003	1
S5	10.000	10.046	.046	.464	1.8340	.003	1

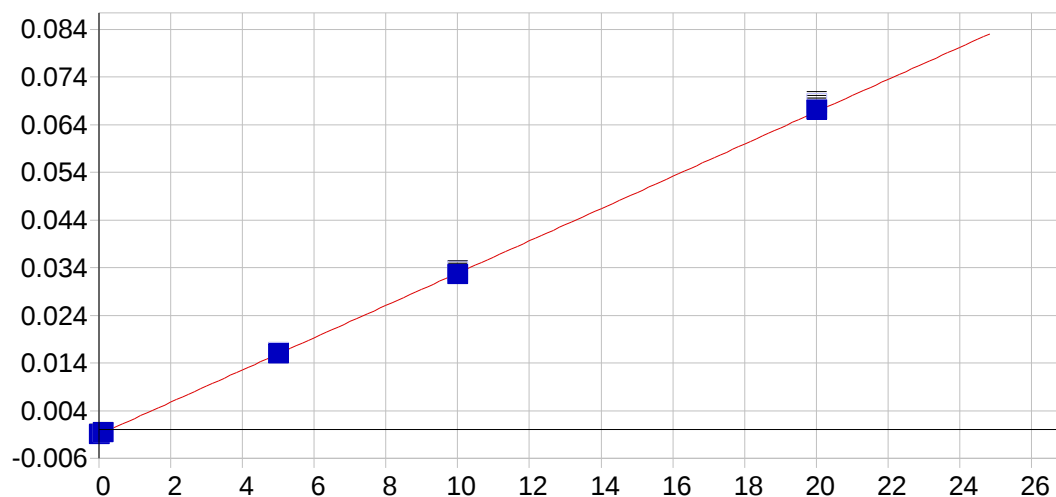


AI 308.215 {109}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003573 Re-Slope: 1.000000
 A1 (Gain): 0.035212 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003664
 Predicted MQL: 0.012214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00357	.000	1
S1	.10000	.10263	.003	2.63	.00743	.000	1
S3	5.0000	4.9492	-.051	-1.02	.18135	.000	1
S4	10.000	9.8666	-.133	-1.33	.35801	.001	1
S5	20.000	20.181	.181	.907	.72822	.001	1



AI 309.271 {109}

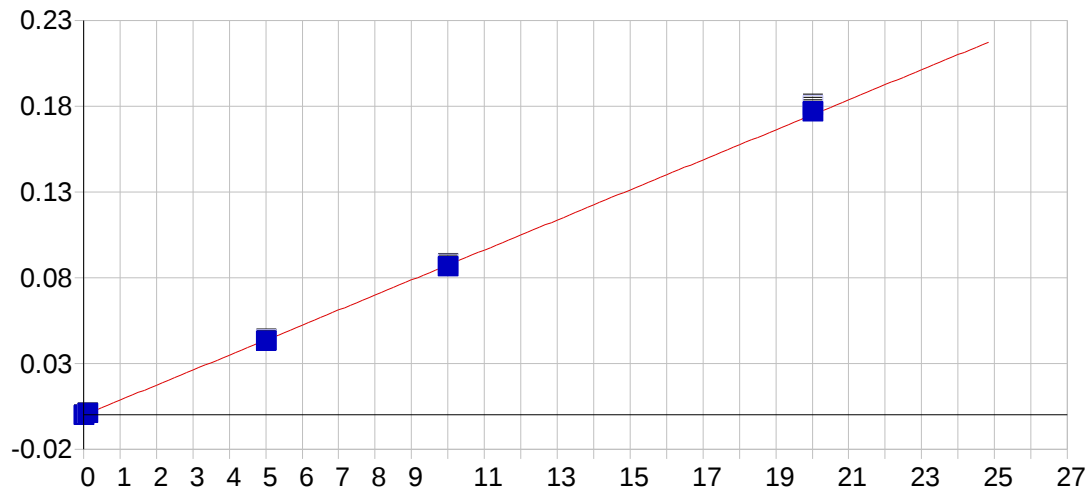
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001005 Re-Slope: 1.000000
 A1 (Gain): 0.003386 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000002
 Predicted MDL: 0.031004
 Predicted MQL: 0.103346

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00101	.000	1
S1	.10000	.09213	-.008	-7.87	-.00067	.000	1
S3	5.0000	4.9859	-.014	-.282	.01622	.000	1
S4	10.000	9.9160	-.084	-.840	.03325	.000	1
S5	20.000	20.106	.106	.532	.06843	.000	1



AI 396.152 { 85}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

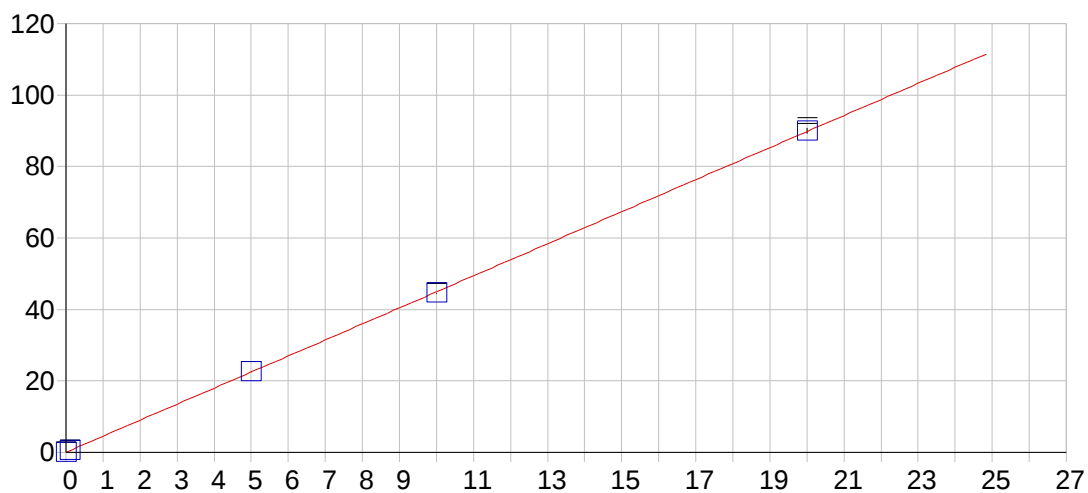
Weighting: 1/Conc

A0 (Offset): -0.000109
 A1 (Gain): 0.008757
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000009
 Predicted MDL: 0.015947
 Predicted MQL: 0.053156

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	-.00011	.000	1
S1	.10000	.11419	.014	14.2	.00095	.000	1
S3	5.0000	4.9298	-.070	-1.40	.04393	.000	1
S4	10.000	9.8627	-.137	-1.37	.08800	.000	1
S5	20.000	20.193	.193	.963	.18020	.001	1

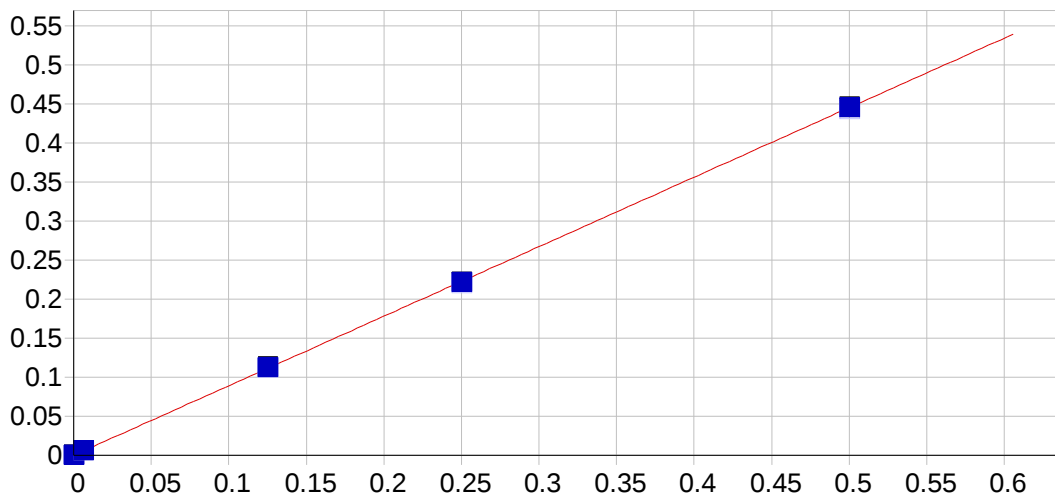


Ba 493.409 { 68}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.048363 Re-Slope: 1.000000
 A1 (Gain): 4.487474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.001991
 Predicted MDL: 0.000758
 Predicted MQL: 0.002525

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.04834	.002	1
S1	.10000	.10566	.006	5.66	.52253	.003	1
S3	5.0000	5.0277	.028	.554	22.610	.039	1
S5	20.000	20.045	.045	.223	89.998	.730	1
S4	10.000	9.9220	-.078	-.780	44.573	.110	1



Be 234.861 {144}

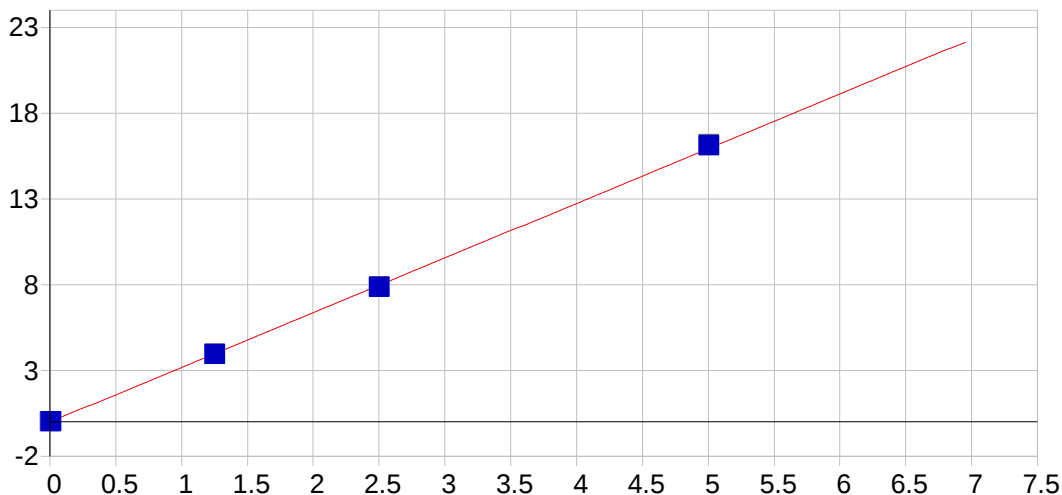
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.890845 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000016
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.00600	.00631	.000	5.22	.00562	.000	1
S3	.12500	.12605	.001	.838	.11164	.001	1
S4	.25000	.24854	-.001	-.585	.22006	.000	1
S5	.50000	.50010	.000	.021	.44276	.001	1



Cd 226.502 {449}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

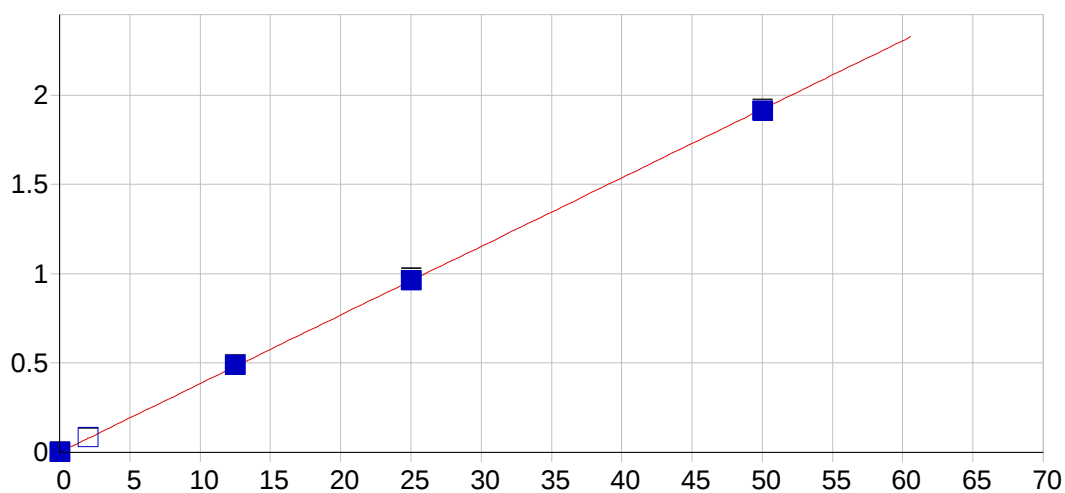
Weighting: 1/Conc

A0 (Offset): -0.001073
 A1 (Gain): 3.185963
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000390
 Predicted MDL: 0.000119
 Predicted MQL: 0.000397

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	-.00107	.000	1
S1	.00600	.00604	.000	.649	.01820	.000	1
S3	1.2500	1.2318	-.018	-1.46	3.9243	.011	1
S4	2.5000	2.4615	-.038	-1.54	7.8431	.009	1
S5	5.0000	5.0566	.057	1.13	16.113	.035	1

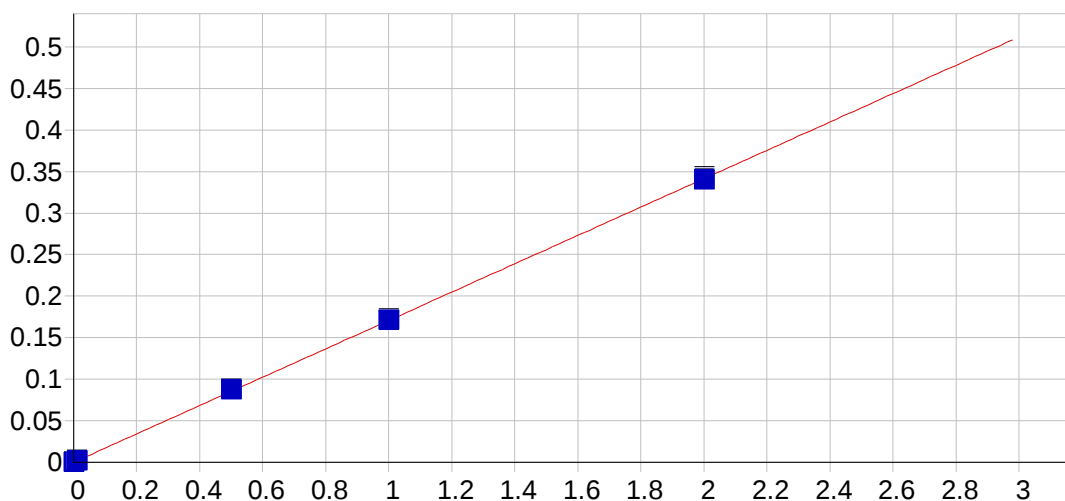


Ca 373.690 { 90}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000793 Re-Slope: 1.000000
 A1 (Gain): 0.038389 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.024787
 Predicted MQL: 0.082624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0795	.079	3.97	.08062	.000	1
S0	.00000	-.00010	-.000	.000	.00079	.000	1
S3	12.500	12.669	.169	1.35	.48739	.003	1
S4	25.000	25.000	-.000	-.001	.96102	.014	1
S5	50.000	49.752	-.248	-.496	1.9117	.007	1



Cr 267.716 {126}

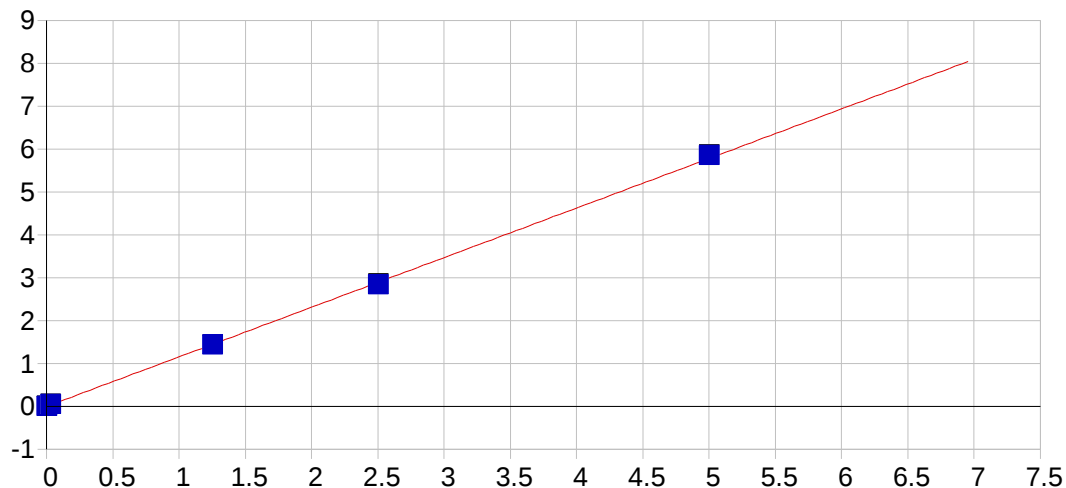
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000088 Re-Slope: 1.000000
 A1 (Gain): 0.170641 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000012
 Predicted MDL: 0.000595
 Predicted MQL: 0.001984

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01074	.001	7.43	.00193	.000	1
S3	.50000	.51009	.010	2.02	.08777	.000	1
S4	1.0000	.99957	-.000	-.043	.17193	.001	1
S5	2.0000	1.9896	-.010	-.520	.34214	.001	1



Co 228.616 {447}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

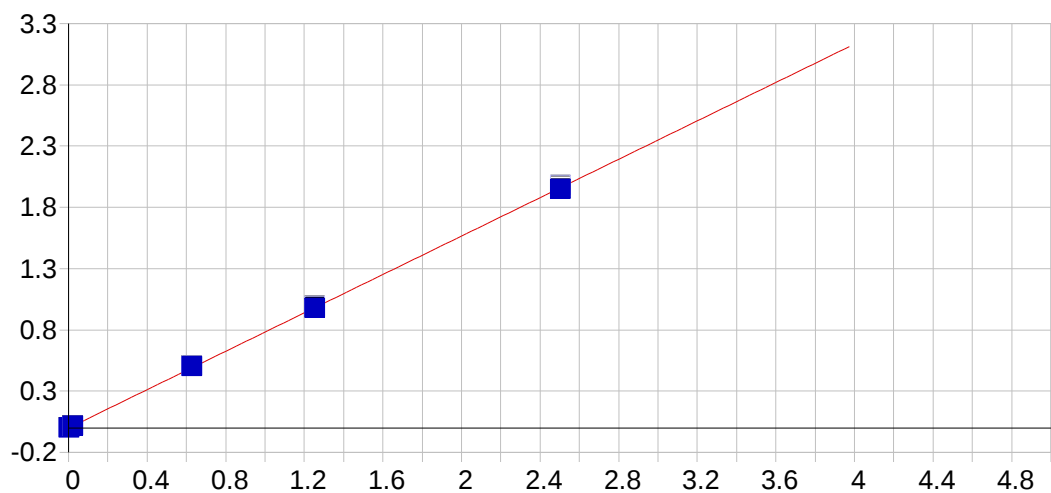
Weighting: 1/Conc

A0 (Offset): -0.000005
 A1 (Gain): 1.156648
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000364
 Predicted MDL: 0.000298
 Predicted MQL: 0.000994

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.03000	.03337	.003	11.2	.03836	.000	1
S3	1.2500	1.2344	-.016	-1.25	1.4289	.004	1
S4	2.5000	2.4559	-.044	-1.76	2.8429	.003	1
S5	5.0000	5.0564	.056	1.13	5.8530	.010	1

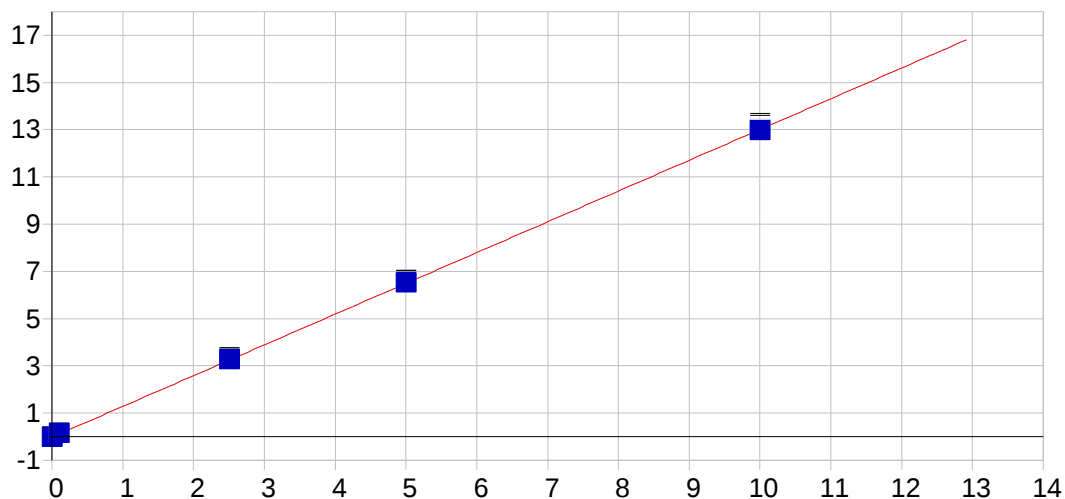


Cu 224.700 {450}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000662 Re-Slope: 1.000000
 A1 (Gain): 0.782960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000594
 Predicted MQL: 0.001979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00066	.000	1
S1	.02000	.02170	.002	8.52	.01656	.000	1
S3	.62500	.63726	.012	1.96	.50600	.001	1
S4	1.2500	1.2497	-.000	-.023	.99324	.000	1
S5	2.5000	2.4863	-.014	-.547	1.9769	.001	1



Fe 240.488 {140}

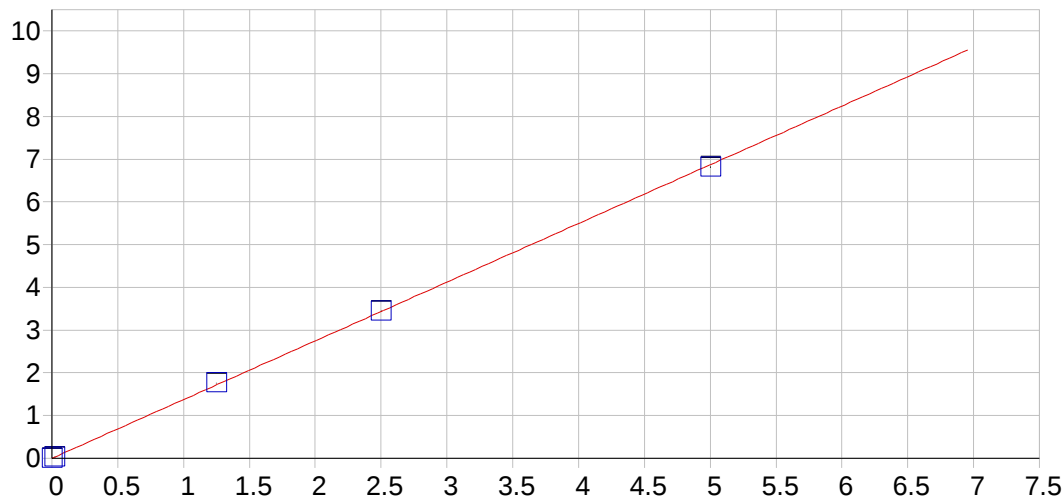
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.021887 Re-Slope: 1.000000
 A1 (Gain): 1.302913 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000832
 Predicted MDL: 0.009214
 Predicted MQL: 0.030714

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.02191	.001	1
S1	.10000	.11404	.014	14.0	.12733	.018	1
S3	2.5000	2.5248	.025	.992	3.2841	.047	1
S4	5.0000	5.0077	.008	.155	6.5355	.078	1
S5	10.000	9.9534	-.047	-.466	13.012	.236	1



Mn 257.610 {131}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

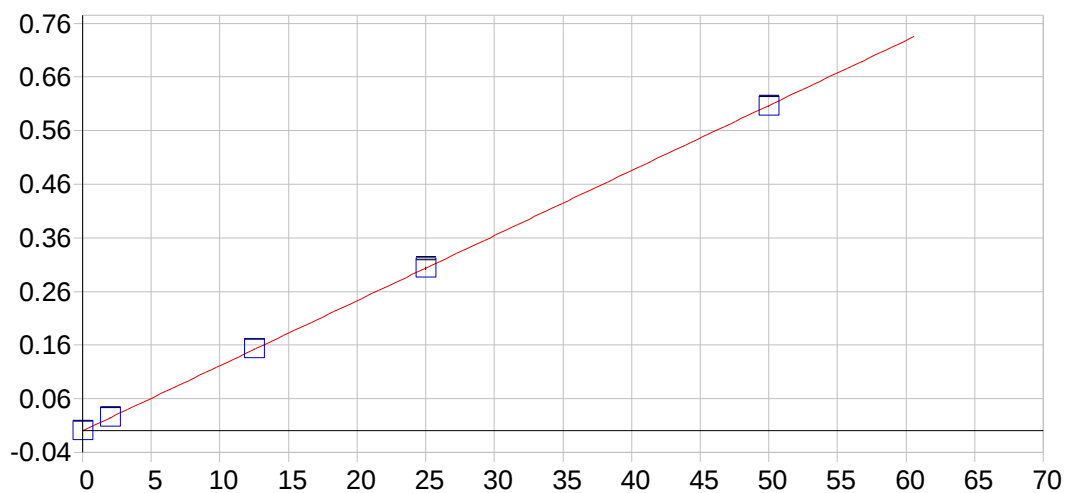
Weighting: 1/Conc

A0 (Offset): 0.000101
 A1 (Gain): 1.374059
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000318
 Predicted MDL: 0.000075
 Predicted MQL: 0.000249

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02285	.003	14.2	.03149	.000	1
S3	1.2500	1.2826	.033	2.61	1.7624	.005	1
S4	2.5000	2.5059	.006	.237	3.4434	.003	1
S5	5.0000	4.9587	-.041	-.827	6.8136	.016	1

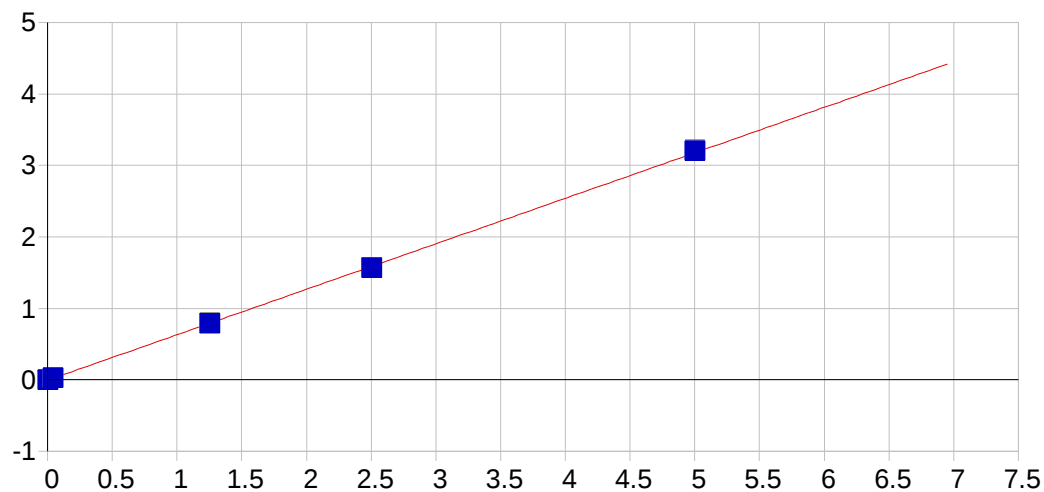


Mg 279.079 {121}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000211 Re-Slope: 1.000000
 A1 (Gain): 0.012131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.042918
 Predicted MQL: 0.143059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0725	.072	3.62	.02535	.000	1
S0	.00000	-.00008	-.000	.000	.00021	.000	1
S3	12.500	12.585	.085	.677	.15287	.001	1
S4	25.000	24.976	-.024	-.097	.30319	.003	1
S5	50.000	49.867	-.133	-.265	.60515	.001	1



Ni 231.604 {445}

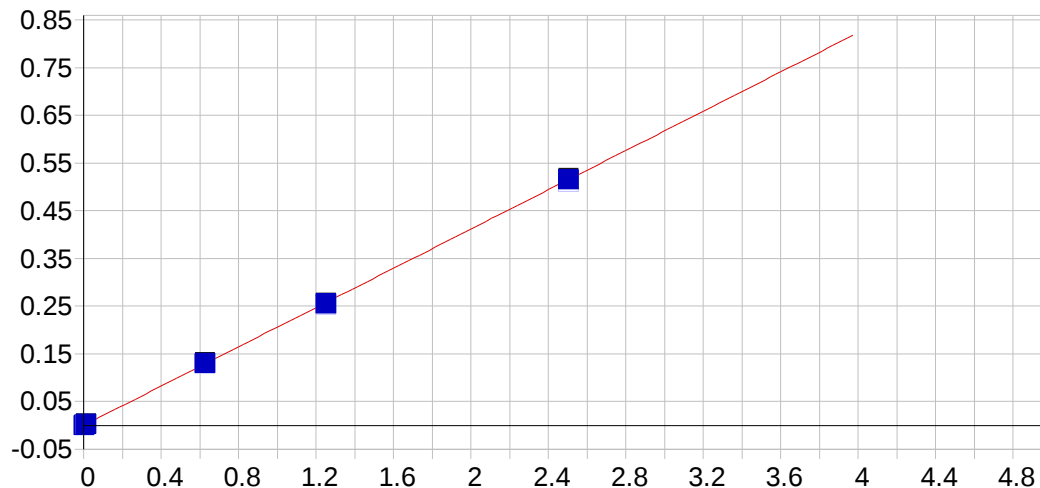
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005703 Re-Slope: 1.000000
 A1 (Gain): 0.636401 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000191
 Predicted MDL: 0.000570
 Predicted MQL: 0.001900

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00570	.000	1
S1	.04000	.04356	.004	8.91	.02203	.000	1
S3	1.2500	1.2418	-.008	-.658	.78543	.001	1
S4	2.5000	2.4611	-.039	-1.56	1.5623	.001	1
S5	5.0000	5.0436	.044	.872	3.2075	.006	1



Ag 328.068 {103}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

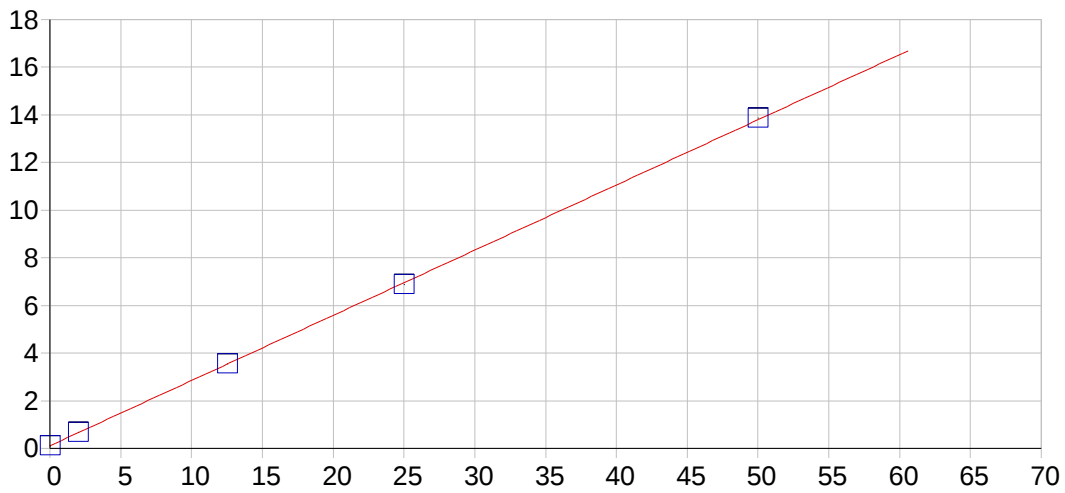
Weighting: 1/Conc

A0 (Offset): 0.000085
 A1 (Gain): 0.205940
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000011
 Predicted MDL: 0.000739
 Predicted MQL: 0.002463

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	.00009	.000	1
S1	.01000	.01013	.000	1.30	.00213	.000	1
S3	.62500	.63213	.007	1.14	.12881	.001	1
S4	1.2500	1.2394	-.011	-.847	.25241	.000	1
S5	2.5000	2.5033	.003	.133	.50978	.001	1

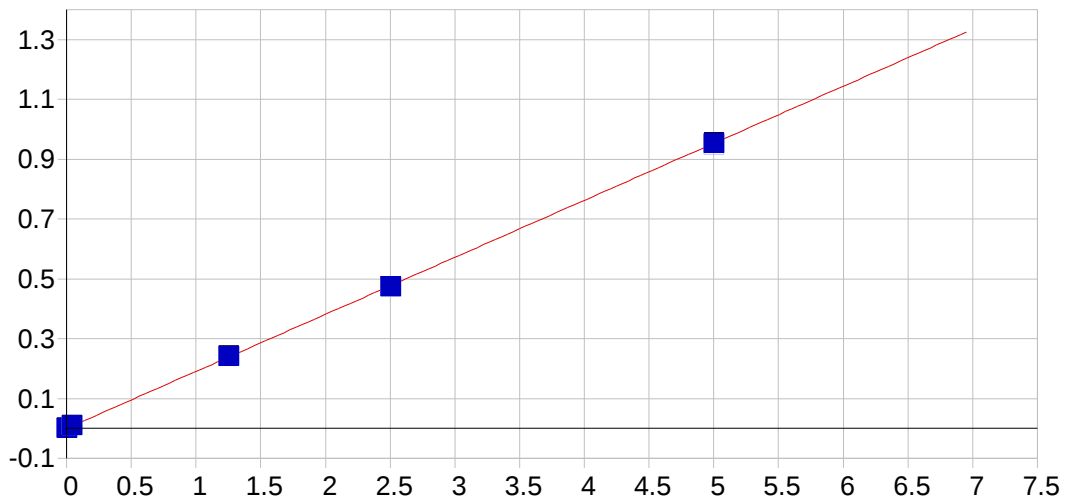


Na 589.592 { 57}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.112086 Re-Slope: 1.000000
 A1 (Gain): 0.273639 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.001354
 Predicted MDL: 0.011374
 Predicted MQL: 0.037913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0728	.073	3.64	.67927	.001	1
S0	.00000	-.00006	-.000	.000	.11207	.000	1
S3	12.500	12.520	.020	.161	3.5381	.005	1
S4	25.000	24.694	-.306	-1.23	6.8692	.004	1
S5	50.000	50.214	.214	.427	13.853	.002	1



V 292.402 {115}

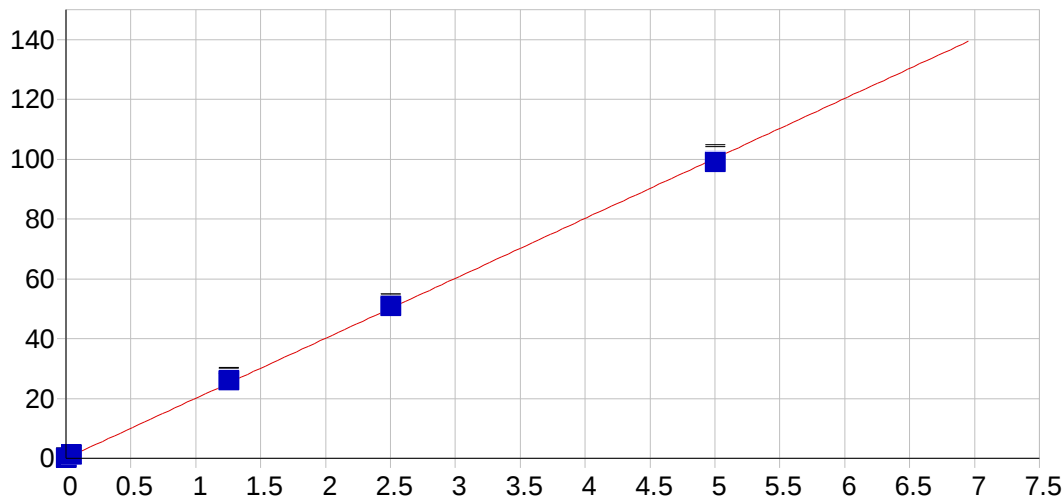
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.190679 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000047
 Predicted MDL: 0.000632
 Predicted MQL: 0.002106

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00009	.000	1
S1	.04000	.04511	.005	12.8	.00840	.000	1
S3	1.2500	1.2653	.015	1.23	.23963	.000	1
S4	2.5000	2.4866	-.013	-.536	.47094	.000	1
S5	5.0000	4.9930	-.007	-.139	.94575	.002	1



Zn 206.200 {163}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

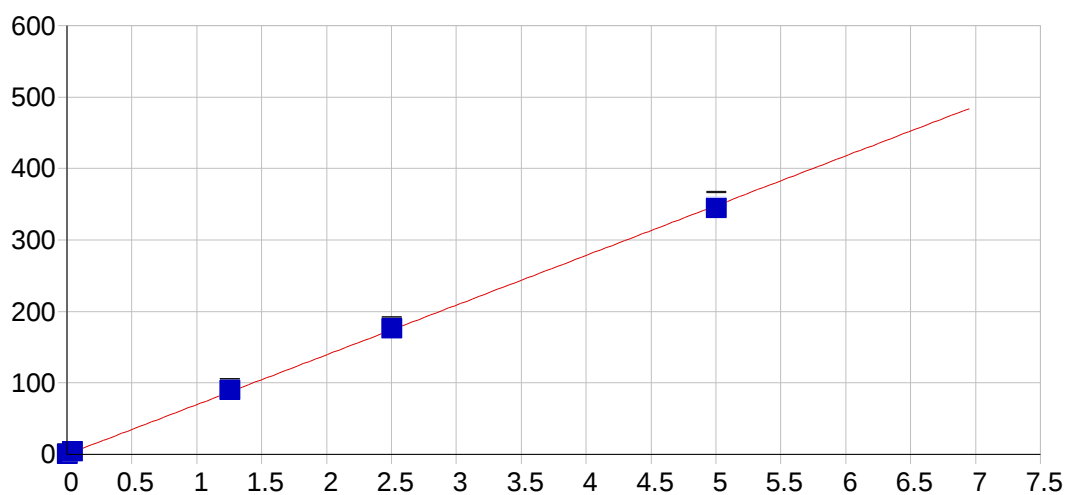
Weighting: 1/Conc

A0 (Offset): 0.020445
 A1 (Gain): 20.049092
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747
 Std Error of Est: 0.010988
 Predicted MDL: 0.000703
 Predicted MQL: 0.002344

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	.02025	.007	1
S1	.04000	.04872	.009	21.8	1.0024	.027	1
S3	1.2500	1.2886	.039	3.09	26.008	.911	1
S4	2.5000	2.5274	.027	1.09	50.995	.493	1
S5	5.0000	4.9253	-.075	-1.49	99.375	1.98	1

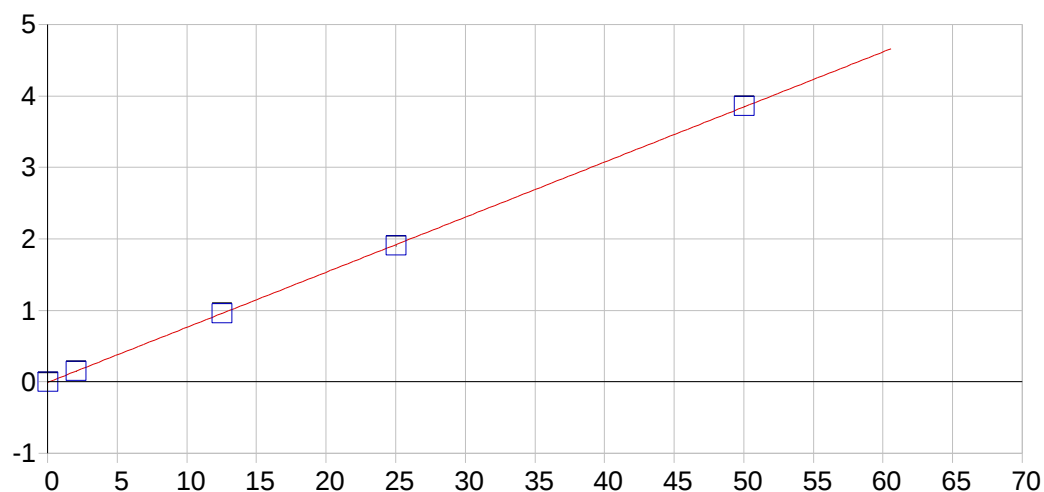


Zn 213.856 {458}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.077893 Re-Slope: 1.000000
 A1 (Gain): 69.592335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.032505
 Predicted MDL: 0.000102
 Predicted MQL: 0.000340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07730	.003	1
S1	.04000	.04756	.008	18.9	3.4060	.021	1
S3	1.2500	1.2821	.032	2.57	89.828	1.95	1
S4	2.5000	2.5236	.024	.942	176.75	1.54	1
S5	5.0000	4.9368	-.063	-1.26	345.74	8.10	1



K 766.490 {44}

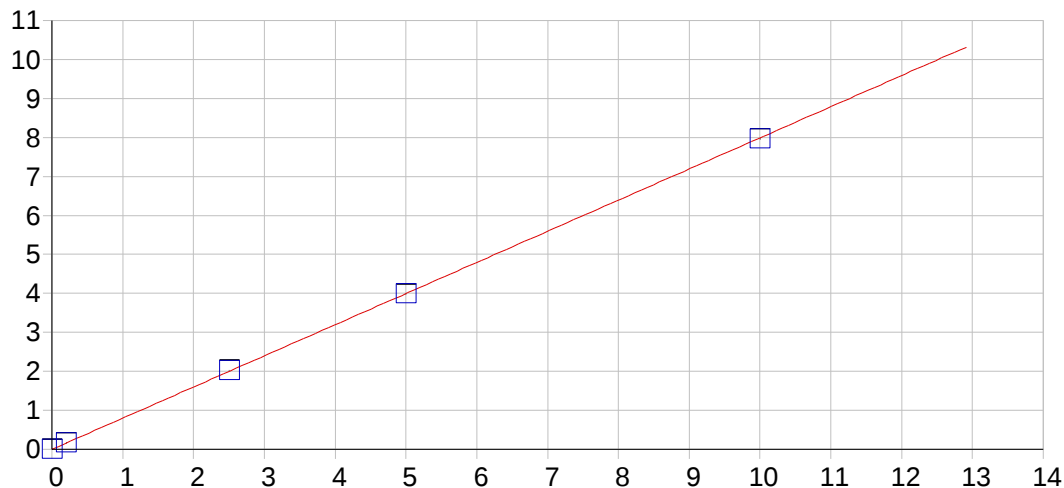
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009760 Re-Slope: 1.000000
 A1 (Gain): 0.077099 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000204
 Predicted MDL: 0.043670
 Predicted MQL: 0.145567

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0317	.032	1.58	.14688	.003	1
S0	.00000	-.00003	-.000	.000	-.00976	.002	1
S3	12.500	12.522	.022	.177	.95568	.003	1
S4	25.000	24.823	-.177	-.708	1.9041	.002	1
S5	50.000	50.123	.123	.246	3.8547	.002	1



Mo 202.030 {467}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

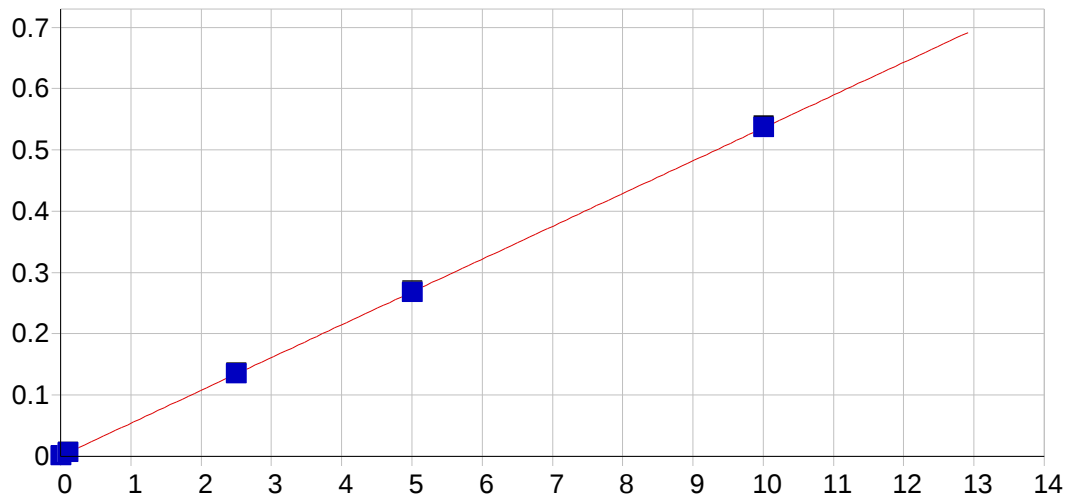
Weighting: 1/Conc

A0 (Offset): 0.000156
 A1 (Gain): 0.799007
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000432
 Predicted MDL: 0.000357
 Predicted MQL: 0.001191

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	.00015	.000	1
S1	.20000	.20736	.007	3.68	.16584	.000	1
S3	2.5000	2.5349	.035	1.40	2.0256	.005	1
S4	5.0000	4.9845	-.016	-.310	3.9828	.004	1
S5	10.000	9.9732	-.027	-.268	7.9688	.002	1

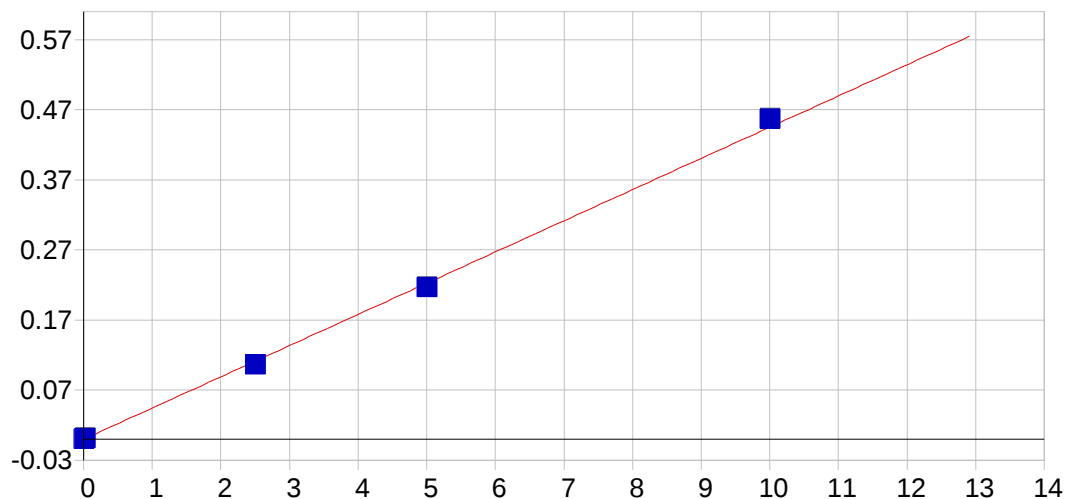


B 249.678 {135}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000642 Re-Slope: 1.000000
 A1 (Gain): 0.053526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.008214
 Predicted MQL: 0.027382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.10000	.09592	-.004	-4.08	.00575	.000	1
S3	2.5000	2.5027	.003	.106	.13429	.001	1
S4	5.0000	4.9889	-.011	-.221	.26705	.002	1
S5	10.000	10.012	.012	.125	.53532	.003	1



S 182.034 {485}

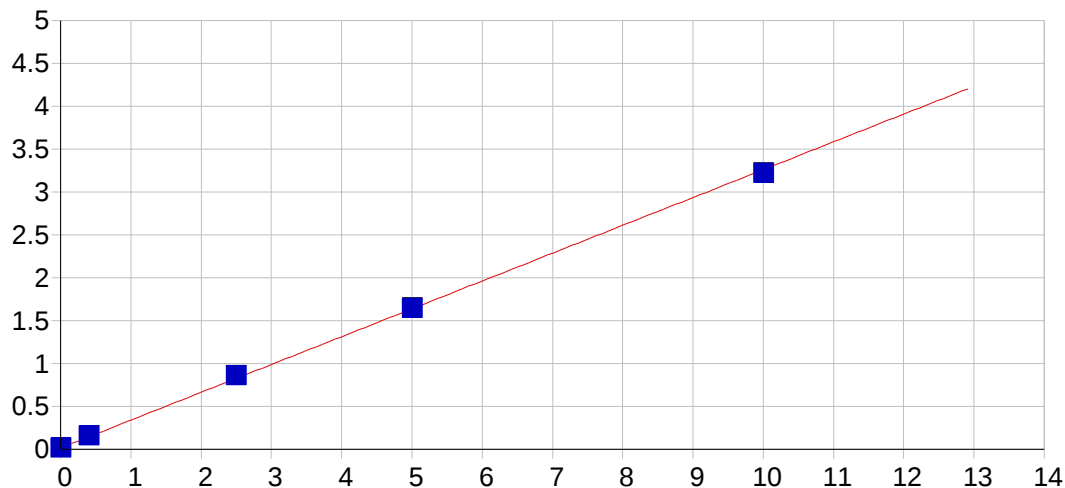
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.044517 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999522
 Std Error of Est: 0.000033
 Predicted MDL: 0.003940
 Predicted MQL: 0.013134

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	.02119	.001	5.93	.00098	.000	1
S3	2.5000	2.3825	-.117	-4.70	.10600	.000	1
S4	5.0000	4.8541	-.146	-2.92	.21590	.000	1
S5	10.000	10.262	.262	2.62	.45640	.000	1



Si 288.158 {117}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

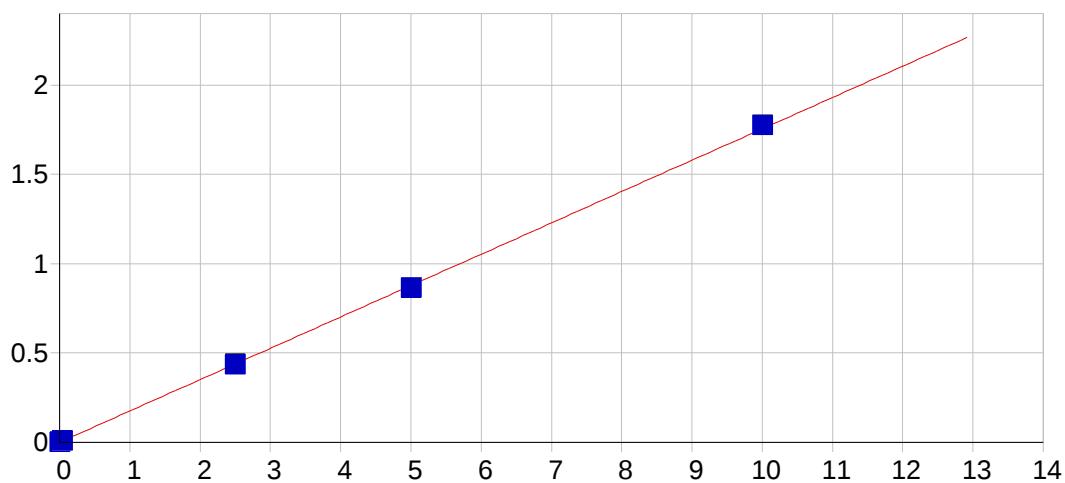
Weighting: 1/Conc

A0 (Offset): 0.015678
 A1 (Gain): 0.324432
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791
 Std Error of Est: 0.000723
 Predicted MDL: 0.003251
 Predicted MQL: 0.010836

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	-.00004	-.000	.000	.01567	.000	1
S1	.40000	.43041	.030	7.60	.15521	.002	1
S3	2.5000	2.5930	.093	3.72	.85652	.000	1
S4	5.0000	5.0061	.006	.122	1.6390	.012	1
S5	10.000	9.8705	-.130	-1.30	3.2163	.004	1

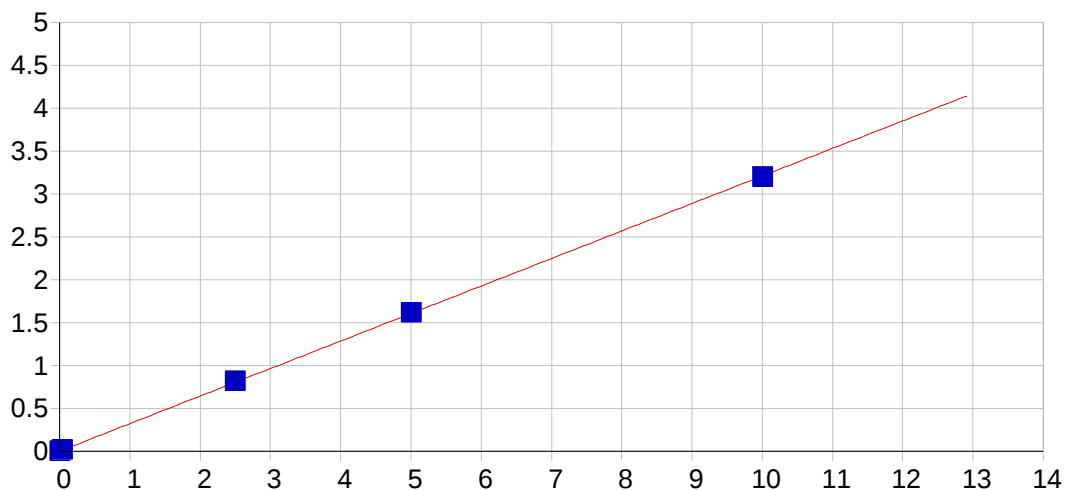


Sn 189.989 {477}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000356 Re-Slope: 1.000000
 A1 (Gain): 0.175432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000998
 Predicted MQL: 0.003328

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.04000	.04279	.003	6.97	.00786	.000	1
S3	2.5000	2.4705	-.029	-1.18	.43384	.002	1
S4	5.0000	4.9232	-.077	-1.54	.86419	.000	1
S5	10.000	10.104	.104	1.04	1.7731	.000	1



Ti 336.121 {100}

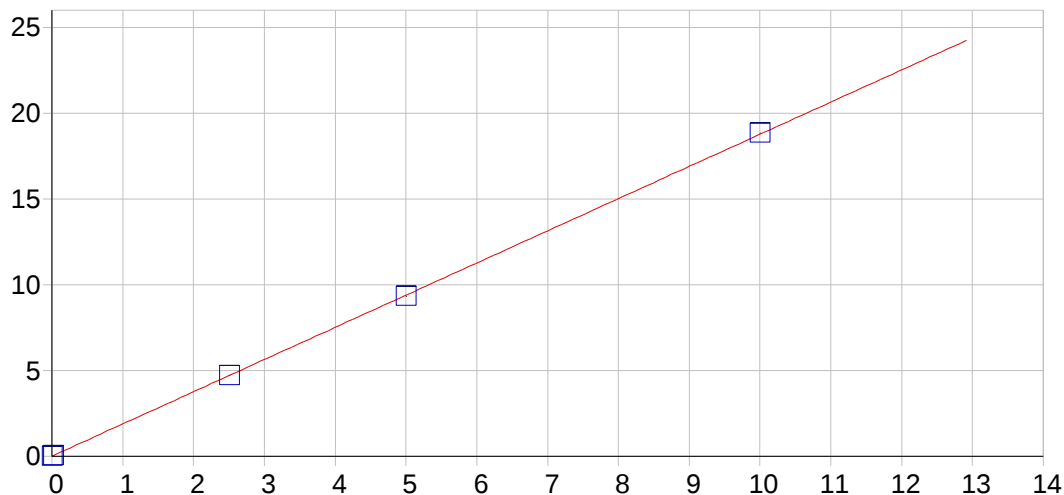
Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002248 Re-Slope: 1.000000
 A1 (Gain): 0.320845 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000092
 Predicted MDL: 0.002284
 Predicted MQL: 0.007615

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00225	.000	1
S1	.04000	.04443	.004	11.1	.01650	.000	1
S3	2.5000	2.5352	.035	1.41	.81556	.000	1
S4	5.0000	5.0086	.009	.173	1.6090	.001	1
S5	10.000	9.9517	-.048	-.483	3.1948	.004	1



Li 670.784 { 50}

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

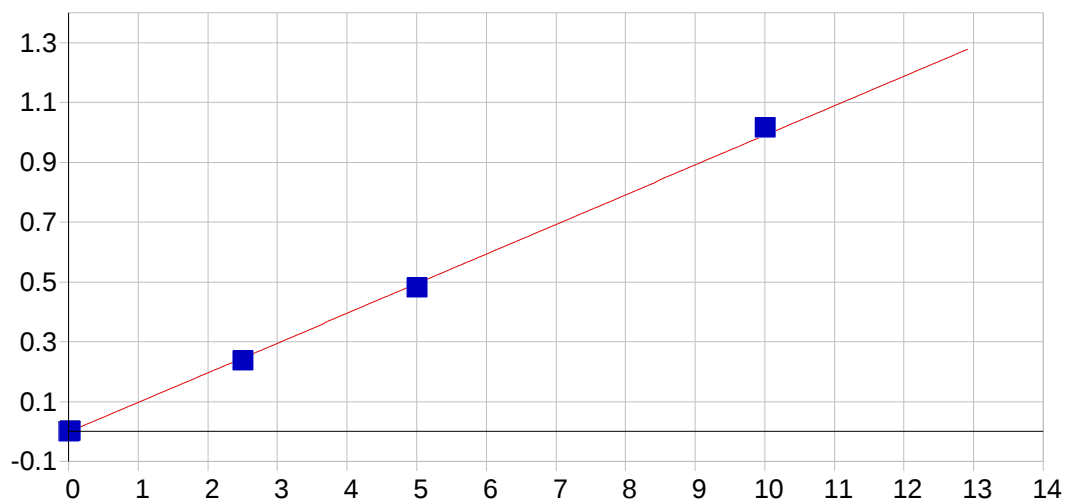
Weighting: 1/Conc

A0 (Offset): 0.012404
 A1 (Gain): 1.875856
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000208
 Predicted MDL: 0.001726
 Predicted MQL: 0.005752

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	.01240	.004	1
S1	.02000	.02009	.000	.464	.05010	.004	1
S3	2.5000	2.5072	.007	.290	4.7156	.003	1
S4	5.0000	4.9637	-.036	-.725	9.3237	.008	1
S5	10.000	10.029	.029	.289	18.825	.003	1



P 177.495 {490}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002123 Re-Slope: 1.000000
 A1 (Gain): 0.099206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001946
 Predicted MQL: 0.006488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00212	.000	1
S1	.02000	.01773	-.002	-11.3	-.00037	.000	1
S3	2.5000	2.3961	-.104	-4.16	.23522	.001	1
S4	5.0000	4.8637	-.136	-2.73	.47966	.000	1
S5	10.000	10.242	.242	2.42	1.0126	.001	1



Y 224.306 {450}*

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

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

Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

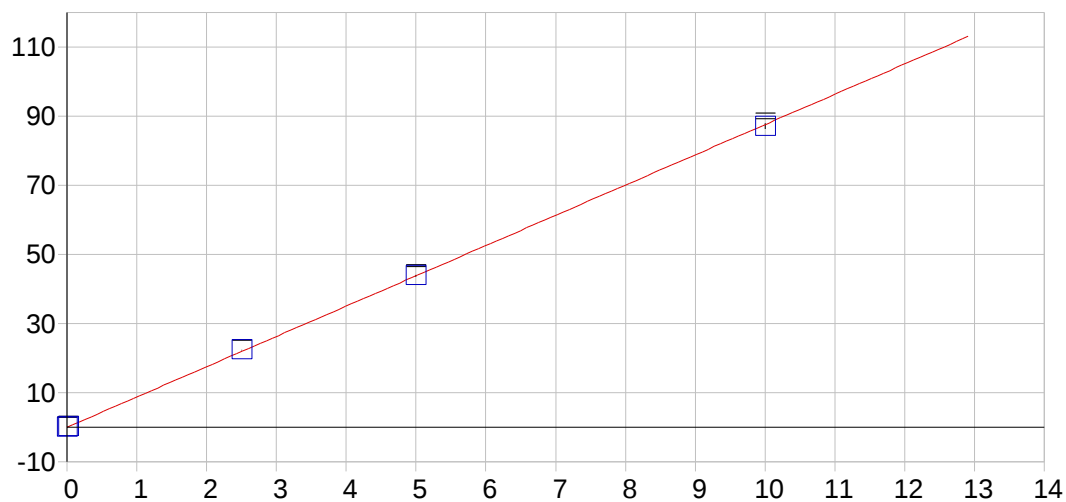
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 10/24/2018 17:32:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006696

Re-Slope: 1.000000

A1 (Gain): 8.759160

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

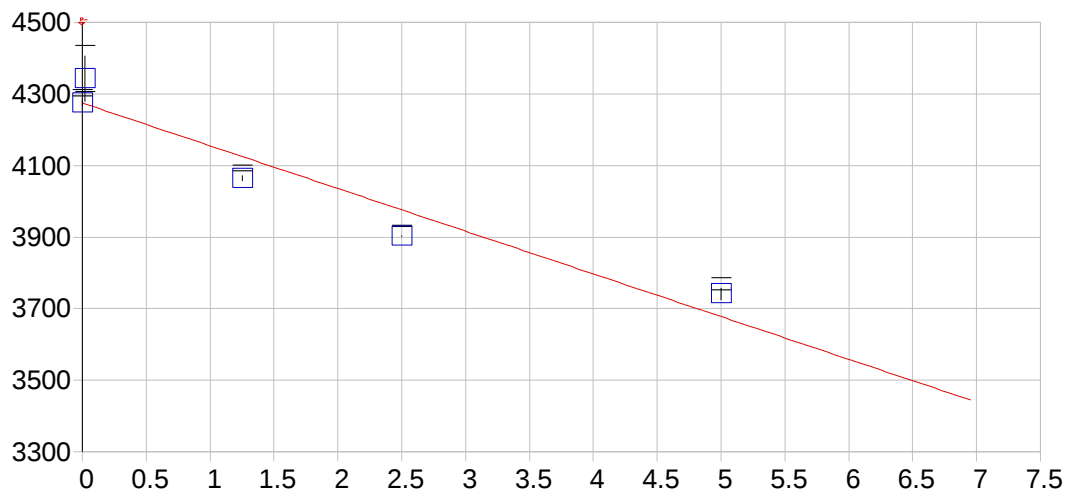
Status: OK.

Std Error of Est: 0.001863

Predicted MDL: 0.000144

Predicted MQL: 0.000480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00671	.000	1
S1	.02000	.02092	.001	4.59	.17653	.001	1
S3	2.5000	2.5508	.051	2.03	22.336	.074	1
S4	5.0000	5.0014	.001	.029	43.802	.219	1
S5	10.000	9.9468	-.053	-.532	87.119	.864	1

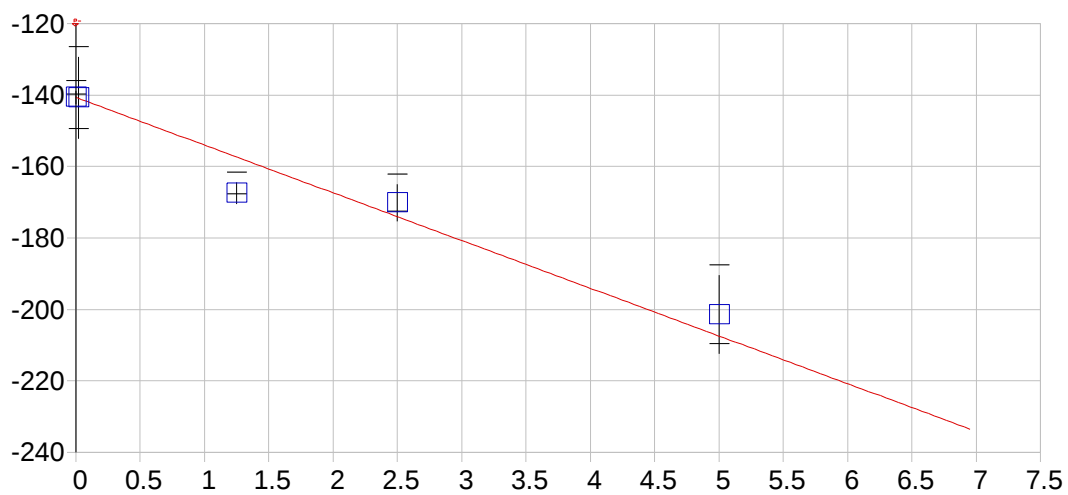


U 367.007 { 92 }

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4274.427410 Re-Slope: 1.000000
A1 (Gain): -119.340267 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.570731 Status: Warning Negative Gain
Std Error of Est: 2.934128
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	4274.4	8.58	1
S1	.02000	-.57532	-.595	-2980.	4343.1	64.4	1
S3	1.2500	1.7598	.510	40.8	4064.4	8.83	1
S4	2.5000	3.1157	.616	24.6	3902.6	1.31	1
S5	5.0000	4.4698	-.530	-10.6	3741.0	16.4	1



U 385.958 { 87}

Date of Fit: 10/24/2018 17:32:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -140.669473 Re-Slope: 1.000000

A1 (Gain): -13.349538 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.970261 Status: Warning Negative Gain

Std Error of Est: 0.056913

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-140.67	1.91	1
S1	.02000	.00353	-.016	-82.3	-140.72	11.4	1
S3	1.2500	2.0066	.757	60.5	-167.46	3.02	1
S4	2.5000	2.2070	-.293	-11.7	-170.13	5.21	1
S5	5.0000	4.5529	-.447	-8.94	-201.45	11.0	1

Sample Name: S0 Acquired: 10/24/2018 11:58:09 Type: Cal
Method: P4-ICP2(v2523) 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	-.00007	-.00054	.00246	-.00006	.00074	-.00011	.04834	.00005
Stddev	.00000	.00009	.00032	.00026	.00005	.00004	.00171	.00002
%RSD	4.2916	17.172	13.128	468.19	6.2224	32.719	3.5431	44.459
#1	-.00008	-.00047	.00223	-.00024	.00071	-.00013	.04955	.00003
#2	-.00007	-.00060	.00269	.00013	.00078	-.00008	.04713	.00007
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	-.00107	.00079	.00009	-.00001	-.00066	-.02191	.00010	.00021
Stddev	.00009	.00004	.00001	.00036	.00025	.00126	.00001	.00038
%RSD	8.1176	5.6420	7.8967	4515.5	38.318	5.7555	7.3407	179.02
#1	-.00113	.00076	.00009	-.00026	-.00084	-.02280	.00010	-.00006
#2	-.00101	.00082	.00008	.00024	-.00048	-.02101	.00009	.00048
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	-.00570	.00009	.11207	-.00009	.07730	-.00976	.00015	.00064
Stddev	.00015	.00014	.00032	.00001	.00281	.00219	.00008	.00002
%RSD	2.5742	168.75	.28275	13.400	3.6299	22.449	53.146	3.3178
#1	-.00560	-.00002	.11229	-.00009	.07532	-.01131	.00009	.00066
#2	-.00581	.00019	.11185	-.00008	.07929	-.00821	.00020	.00063
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	.01567	.00036	.00225	.01240	-.0021	-.00671	4274.4
Stddev	.00008	.00026	.00014	.00009	.00401	.0000	.00039	8.6
%RSD	135.15	1.6426	38.640	3.8745	32.350	1.126	5.7524	.20079
#1	.00012	.01548	.00045	.00218	.00957	-.0021	-.00643	4268.3
#2	.00000	.01585	.00026	.00231	.01524	-.0021	-.00698	4280.4

Sample Name: S0 Acquired: 10/24/2018 11:58:09 Type: Cal
Method: P4-ICP2(v2523) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-140.67
Stddev	1.91
%RSD	1.3604

#1	-139.32
#2	-142.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.8	37933.	3996.2	107.08	2976.3
Stddev	2.5	57.	2.6	.02	1.2
%RSD	.10050	.15127	.06386	.02201	.04041

#1	2445.6	37893.	3994.4	107.10	2977.2
#2	2442.1	37974.	3998.0	107.07	2975.5

Sample Name: S1 Acquired: 10/24/2018 12:02:11 Type: Cal
Method: P4-ICP2(v2523) 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	.00102	.00615	.00604	.00166	.00996	.00095	.52253	.00562
Stddev	.00001	.00005	.00014	.00006	.00004	.00003	.00284	.00016
%RSD	.70499	.74543	2.2426	3.8190	.40358	3.5818	.54439	2.8199

#1	.00102	.00618	.00613	.00161	.00999	.00098	.52052	.00551
#2	.00103	.00612	.00594	.00170	.00993	.00093	.52454	.00573

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	.01820	.00193	.03836	.01656	.12733	.03149	.02203	.00213
Stddev	.00018	.00003	.00020	.00012	.01801	.00028	.00026	.00005
%RSD	1.0020	1.3563	.52956	.73799	14.147	.88275	1.1578	2.5561

#1	.01807	.00195	.03851	.01665	.11459	.03130	.02185	.00209
#2	.01833	.00191	.03822	.01648	.14007	.03169	.02222	.00217

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	.00840	3.4060	.16584	.00575	.00098	.15521	.00786	.01650
Stddev	.00019	.0214	.00021	.00017	.00022	.00194	.00018	.00012
%RSD	2.2552	.62748	.12844	2.8887	22.422	1.2522	2.3081	.72530

#1	.00826	3.3909	.16599	.00587	.00082	.15384	.00799	.01641
#2	.00853	3.4211	.16569	.00564	.00113	.15658	.00773	.01658

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05010	-.0004	.17653	4343.1	-140.72
Stddev	.00370	.0002	.00146	64.4	11.45
%RSD	7.3769	56.68	.82566	1.4829	8.1346

#1	.05271	-.0002	.17550	4297.5	-148.81
#2	.04748	-.0005	.17756	4388.6	-132.62

Sample Name: S1 Acquired: 10/24/2018 12:02:11 Type: Cal
Method: P4-ICP2(v2523) 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	2469.3	38300.	4100.0	108.59	3013.9
Stddev	15.6	133.	5.6	.18	19.4
%RSD	.63008	.34601	.13601	.16822	.64371
#1	2458.3	38206.	4103.9	108.72	3000.1
#2	2480.3	38394.	4096.1	108.46	3027.6

Sample Name: S2 Acquired: 10/24/2018 12:06:15 Type: Cal
Method: P4-ICP2(v2523) 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	.08062	.02535	.67927	.14688
Stddev	.00024	.00041	.00139	.00278
%RSD	.30162	1.6237	.20526	1.8953

#1	.08045	.02564	.67829	.14491
#2	.08079	.02506	.68026	.14885

Int. Std.	Y_3710
Units	Cts/S
Avg	4044.6
Stddev	2.0
%RSD	.04828

#1	4043.2
#2	4045.9

Sample Name: S3 Acquired: 10/24/2018 12:10:13 Type: Cal
Method: P4-ICP2(v2523) 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	.14531	.39714	.69194	.21009	.45615	.04393	22.610	.11164
Stddev	.00067	.00091	.00101	.00050	.00074	.00022	.039	.00092
%RSD	.45825	.22874	.14633	.23845	.16188	.50488	.17321	.82717

#1	.14578	.39650	.69122	.21044	.45667	.04378	22.638	.11229
#2	.14484	.39779	.69265	.20974	.45563	.04409	22.582	.11099

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9243	.48739	.08777	1.4289	.50600	3.2841	1.7624	.15287
Stddev	.0110	.00284	.00032	.0043	.00084	.0473	.0054	.00085
%RSD	.28120	.58211	.36351	.30092	.16534	1.4398	.30465	.55728

#1	3.9165	.48538	.08799	1.4258	.50541	3.3175	1.7662	.15227
#2	3.9321	.48940	.08754	1.4319	.50659	3.2506	1.7586	.15348

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	.78543	.12881	3.5381	.23963	89.828	.95568	2.0256	.13429
Stddev	.00128	.00051	.0048	.00021	1.945	.00338	.0053	.00075
%RSD	.16352	.39795	.13560	.08812	2.1654	.35376	.26170	.56078

#1	.78452	.12917	3.5415	.23977	91.203	.95329	2.0218	.13375
#2	.78634	.12844	3.5347	.23948	88.453	.95807	2.0293	.13482

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	.10600	.85652	.43384	.81556	4.7156	.2352	22.336	4064.4
Stddev	.00011	.00023	.00156	.00026	.0030	.0005	.074	8.8
%RSD	.10692	.02642	.35924	.03211	.06307	.2253	.33166	.21715

#1	.10608	.85636	.43274	.81537	4.7135	.2349	22.389	4058.2
#2	.10592	.85668	.43494	.81574	4.7177	.2356	22.284	4070.7

Sample Name: S3 Acquired: 10/24/2018 12:10:13 Type: Cal
Method: P4-ICP2(v2523) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-167.46
Stddev	3.02
%RSD	1.8042

#1	-165.32
#2	-169.59

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.3	37144.	4017.9	105.57	2833.2
Stddev	1.7	148.	20.8	2.53	.3
%RSD	.07230	.39817	.51871	2.4010	.01230

#1	2389.1	37039.	4003.1	103.78	2832.9
#2	2391.5	37248.	4032.6	107.37	2833.4

Sample Name: S4 Acquired: 10/24/2018 12:14:00 Type: Cal
Method: P4-ICP2(v2523) 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	.28900	.78766	1.3732	.41604	.90510	.08800	44.573	.22006
Stddev	.00002	.00024	.0023	.00037	.00282	.00035	.110	.00031
%RSD	.00585	.03057	.16582	.08881	.31166	.40269	.24756	.14309

#1	.28898	.78783	1.3748	.41577	.90310	.08775	44.651	.22028
#2	.28901	.78749	1.3716	.41630	.90709	.08825	44.495	.21983

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	7.8431	.96102	.17193	2.8429	.99324	6.5355	3.4434	.30319
Stddev	.0089	.01354	.00087	.0031	.00020	.0777	.0033	.00262
%RSD	.11392	1.4090	.50417	.10996	.02014	1.1883	.09656	.86362

#1	7.8494	.95144	.17254	2.8451	.99338	6.5904	3.4458	.30134
#2	7.8368	.97059	.17132	2.8407	.99310	6.4806	3.4411	.30504

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	1.5623	.25241	6.8692	.47094	176.75	1.9041	3.9828	.26705
Stddev	.0013	.00018	.0043	.00014	1.54	.0015	.0041	.00222
%RSD	.08107	.07000	.06233	.02984	.86985	.08042	.10224	.83046

#1	1.5632	.25229	6.8722	.47084	177.84	1.9052	3.9799	.26548
#2	1.5614	.25254	6.8662	.47104	175.66	1.9030	3.9857	.26862

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	.21590	1.6390	.86419	1.6090	9.3237	.4797	43.802	3902.6
Stddev	.00023	.0125	.00029	.0011	.0078	.0004	.219	1.3
%RSD	.10765	.76141	.03316	.06842	.08396	.0926	.50025	.03356

#1	.21573	1.6301	.86399	1.6098	9.3181	.4793	43.957	3903.5
#2	.21606	1.6478	.86439	1.6083	9.3292	.4800	43.647	3901.7

Sample Name: S4 Acquired: 10/24/2018 12:14:00 Type: Cal
Method: P4-ICP2(v2523) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-170.13
Stddev	5.21
%RSD	3.0603

#1	-173.81
#2	-166.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.3	37019.	4039.9	104.44	2755.5
Stddev	2.7	119.	7.0	1.10	7.9
%RSD	.11469	.32184	.17244	1.0566	.28822

#1	2368.4	36935.	4044.9	103.66	2749.9
#2	2372.3	37103.	4035.0	105.22	2761.2

Sample Name: S5 Acquired: 10/24/2018 12:17:46 Type: Cal
Method: P4-ICP2(v2523) 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	.58821	1.6019	2.8113	.84244	1.8340	.18020	89.998	.44276
Stddev	.00121	.0057	.0080	.00169	.0027	.00089	.730	.00088
%RSD	.20487	.35706	.28462	.20071	.14633	.49487	.81157	.19962
#1	.58735	1.6060	2.8170	.84124	1.8321	.17957	90.515	.44214
#2	.58906	1.5979	2.8057	.84364	1.8359	.18083	89.482	.44339
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.113	1.9117	.34214	5.8530	1.9769	13.012	6.8136	.60515
Stddev	.035	.0066	.00148	.0101	.0012	.236	.0158	.00111
%RSD	.21841	.34348	.43161	.17213	.05868	1.8137	.23193	.18370
#1	16.138	1.9071	.34110	5.8601	1.9761	13.179	6.8024	.60593
#2	16.088	1.9164	.34319	5.8458	1.9777	12.845	6.8248	.60436
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2075	.50978	13.853	.94575	345.74	3.8547	7.9688	.53532
Stddev	.0057	.00148	.002	.00221	8.10	.0023	.0016	.00272
%RSD	.17740	.28953	.01362	.23371	2.3433	.05953	.02033	.50735
#1	3.2116	.50874	13.854	.94419	351.47	3.8531	7.9700	.53724
#2	3.2035	.51082	13.851	.94731	340.02	3.8563	7.9677	.53339
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	.45640	3.2163	1.7731	3.1948	18.825	1.013	87.119	3741.0
Stddev	.00044	.0036	.0005	.0038	.003	.001	.864	16.4
%RSD	.09658	.11132	.02590	.11858	.01665	.0673	.99135	.43936
#1	.45609	3.2188	1.7735	3.1975	18.827	1.013	87.730	3729.4
#2	.45672	3.2137	1.7728	3.1921	18.823	1.012	86.509	3752.6

Sample Name: S5 Acquired: 10/24/2018 12:17:46 Type: Cal
Method: P4-ICP2(v2523) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-201.45
Stddev	11.01
%RSD	5.4647

#1	-193.66
#2	-209.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.6	35913.	3980.9	102.74	2569.4
Stddev	4.8	5.	23.0	2.57	10.3
%RSD	.21151	.01335	.57684	2.5028	.40223

#1	2283.2	35909.	3964.7	100.92	2562.1
#2	2290.0	35916.	3997.2	104.56	2576.7

Sample Name: ICV01 Acquired: 10/24/2018 12:21:41 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98232	.99352	.95991	.97946	.96197	2.4775	.49809	F .47010
Stddev	.00003	.00523	.00007	.00575	.01143	.0249	.00080	.00171
%RSD	.00349	.52666	.00750	.58663	1.1882	1.0032	.15979	.36425
#1	.98230	.98982	.95986	.97539	.95389	2.4599	.49865	.47131
#2	.98235	.99722	.95996	.98352	.97005	2.4951	.49753	.46889
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .47089	9.9852	.49198	.47924	.50763	4.9742	.50177	5.8573
Stddev	.00165	.0029	.00038	.00105	.00235	.0922	.00051	.0251
%RSD	.35137	.02948	.07785	.21816	.46339	1.8529	.10186	.42944
#1	.46972	9.9873	.49171	.47850	.50596	5.0394	.50140	5.8395
#2	.47206	9.9831	.49225	.47998	.50929	4.9090	.50213	5.8751
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48272	.48693	F 9.5409	.49115	1.0012	9.6972	2.3773	F 2.3349
Stddev	.00080	.00052	.0700	.00025	.0244	.0446	.0133	.0069
%RSD	.16560	.10622	.73358	.05126	2.4339	.46037	.55732	.29421
#1	.48216	.48730	9.5904	.49132	1.0184	9.7287	2.3679	2.3398
#2	.48329	.48657	9.4915	.49097	.98398	9.6656	2.3866	2.3301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00924	F 2.2553	F 2.2610	F 2.3456	F .00019	F .0008	F .01165	F 2.1220
Stddev	.00030	.0275	.0105	.0018	.00064	.0002	.00004	.1103
%RSD	3.2837	1.2198	.46285	.07725	330.26	30.60	.37642	5.1967
#1	.00902	2.2747	2.2536	2.3469	-.00026	.0006	.01168	2.0440
#2	.00945	2.2358	2.2684	2.3443	.00064	.0009	.01162	2.2000

Sample Name: ICV01 Acquired: 10/24/2018 12:21:41 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2535
Stddev	.0858
%RSD	6.8425

#1	1.1928
#2	1.3141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.9	37499.	4070.4	106.03	2891.5
Stddev	4.0	53.	46.6	3.42	11.6
%RSD	.16737	.14113	1.1438	3.2292	.40106

#1	2384.1	37462.	4037.5	103.60	2883.3
#2	2389.8	37537.	4103.4	108.45	2899.7

Sample Name: LLICV01 Acquired: 10/24/2018 12:33:13 Type: Unk
Method: P4-ICP2(v2523) 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	.02109	.04350	.01239	.02307	.05496	.11684	.10717	.00622
Stddev	.00005	.00228	.00050	.00195	.00199	.00904	.00147	.00015
%RSD	.21653	5.2375	4.0688	8.4686	3.6282	7.7367	1.3671	2.4036
#1	.02113	.04511	.01204	.02169	.05637	.11045	.10613	.00612
#2	.02106	.04189	.01275	.02445	.05355	.12323	.10820	.00633
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00606	2.1276	.01025	.03347	.02224	.11196	.02234	2.1348
Stddev	.00009	.0183	.00004	.00005	.00008	.01274	.00041	.0280
%RSD	1.5123	.86206	.35993	.15708	.35632	11.382	1.8262	1.3105
#1	.00612	2.1147	.01028	.03351	.02230	.12097	.02205	2.1150
#2	.00599	2.1406	.01022	.03343	.02218	.10295	.02263	2.1546
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04418	.00988	1.9853	.04443	.04702	1.9753	.21191	.10875
Stddev	.00063	.00036	.0383	.00003	.00100	.0238	.00026	.00421
%RSD	1.4368	3.6868	1.9279	.06553	2.1302	1.2052	.12247	3.8691
#1	.04462	.01013	1.9582	.04441	.04772	1.9585	.21209	.10577
#2	.04373	.00962	2.0124	.04445	.04631	1.9921	.21172	.11172
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01704	.43021	.04295	.04543	.02071	.0176	.02086	F .68784
Stddev	.00060	.00457	.00078	.00036	.00034	.0003	.00006	.57640
%RSD	3.5333	1.0615	1.8110	.79625	1.6273	1.588	.27784	83.798
#1	.01662	.42698	.04350	.04568	.02095	.0174	.02082	.28027
#2	.01747	.43344	.04240	.04517	.02047	.0178	.02090	1.0954

Sample Name: LLICV01 Acquired: 10/24/2018 12:33:13 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .13954
Stddev	.02306
%RSD	16.527

#1	.12324
#2	.15585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.3	38527.	4085.4	108.98	2960.8
Stddev	16.3	458.	2.2	2.25	23.0
%RSD	.68274	1.1896	.05310	2.0601	.77710

#1	2380.7	38851.	4083.9	107.39	2944.6
#2	2403.8	38203.	4087.0	110.57	2977.1

Sample Name: ICB01 Acquired: 10/24/2018 12:37:14 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00035	-.00044	.00199	-.00240	.00969	-.00023
Stddev	.00097	.00020	.00169	.00281	.00139	.00233	.00013
%RSD	45.593	58.079	382.82	141.08	58.127	24.070	58.537

#1	.00145	-.00049	-.00164	.00399	-.00338	.00804	-.00033
#2	.00282	-.00021	.00075	.00000	-.00141	.01134	-.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00015	.00017	-.00063	.00020	-.00015	.00888
Stddev	.00001	.00010	.00760	.00000	.00010	.00030	.00169
%RSD	27.802	69.650	4502.5	.43502	50.144	206.27	19.023

#1	.00005	.00007	.00554	-.00063	.00027	.00007	.00768
#2	.00003	.00022	-.00520	-.00063	.00013	-.00036	.01007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03397	-.00008	-.00035	-.15307	.00014	-.00020
Stddev	.00003	.01379	.00018	.00017	.00517	.00055	.00016
%RSD	240.58	40.614	218.15	49.069	3.3758	401.06	79.410

#1	.00001	-.04372	.00005	-.00047	-.14942	.00053	-.00009
#2	-.00003	-.02421	-.00021	-.00023	-.15673	-.00025	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10214	.00041	-.00256	.00062	.00343	-.00026	.00105
Stddev	.01880	.00000	.00033	.00314	.00214	.00081	.00059
%RSD	18.404	.65435	12.825	504.29	62.392	315.53	56.559

#1	-.08885	.00041	-.00279	.00284	.00495	.00032	.00063
#2	-.11544	.00042	-.00233	-.00160	.00192	-.00083	.00147

Sample Name: ICB01 Acquired: 10/24/2018 12:37:14 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.0024	.00023	F .03140	F<.00000
Stddev	.00140	.0019	.00008	.43359	.41889
%RSD	1248.0	79.61	33.336	1380.8	70.084

#1	-.00110	-.0011	.00028	.33799	-.30149
#2	.00088	-.0038	.00017	-.27519	-.89388

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.4	38736.	4108.1	110.73	3038.4
Stddev	.4	233.	1.8	.76	1.4
%RSD	.01473	.60034	.04420	.68649	.04530

#1	2457.1	38572.	4109.4	110.19	3037.5
#2	2457.6	38900.	4106.8	111.27	3039.4

Sample Name: CRI01 Acquired: 10/24/2018 12:41:18 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02233	.04697	.01195	.02112	.05673	.12255	.11151
Stddev	.00364	.00032	.00036	.00341	.00070	.01104	.00054
%RSD	16.311	.67189	3.0090	16.142	1.2351	9.0094	.48309

#1	.02490	.04675	.01221	.01871	.05623	.13035	.11189
#2	.01975	.04720	.01170	.02353	.05722	.11474	.11113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	.00636	2.1804	.01070	.03465	.02243	.11090
Stddev	.00007	.00022	.0090	.00008	.00004	.00028	.00048
%RSD	1.0799	3.4166	.41450	.76511	.10715	1.2652	.43375

#1	.00673	.00621	2.1868	.01076	.03467	.02263	.11056
#2	.00663	.00652	2.1740	.01064	.03462	.02223	.11124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02390	2.2371	.04519	.01085	2.0355	.04707	.05012
Stddev	.00004	.0163	.00020	.00040	.0067	.00037	.00071
%RSD	.14704	.72694	.43561	3.6448	.32777	.79347	1.4067

#1	.02388	2.2486	.04533	.01057	2.0402	.04680	.05062
#2	.02393	2.2256	.04505	.01113	2.0308	.04733	.04963

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0384	.21804	.11511	.02276	.42555	.04493	.04826
Stddev	.0212	.00019	.00063	.00005	.00548	.00105	.00005
%RSD	1.0413	.08929	.54753	.24011	1.2879	2.3329	.10031

#1	2.0234	.21817	.11556	.02272	.42167	.04419	.04829
#2	2.0535	.21790	.11466	.02279	.42942	.04567	.04822

Sample Name: CRI01 Acquired: 10/24/2018 12:41:18 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02066	.0204	.02175	F 1.5309	F<.00000
Stddev	.00178	.0002	.00001	.4863	.86934
%RSD	8.6087	1.172	.03023	31.768	290.33
#1	.02192	.0206	.02175	1.8748	-.91415
#2	.01940	.0202	.02175	1.1870	.31529
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.6	37768.	4100.1	107.68	2970.9
Stddev	6.2	257.	19.0	1.21	2.2
%RSD	.25730	.68063	.46337	1.1218	.07253
#1	2405.2	37586.	4086.7	106.83	2969.4
#2	2414.0	37950.	4113.6	108.53	2972.5

Sample Name: ICSA01 Acquired: 10/24/2018 12:45:22 Type: Unk
Method: P4-ICP2(v2523) 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	.00256	-.00846	-.00492	.01320	.00495	278.22	.00453	-.00148
Stddev	.00081	.00103	.00221	.00243	.00244	.02	.00039	.00015
%RSD	31.610	12.164	44.895	18.432	49.342	.00855	8.6816	9.8101
#1	.00314	-.00773	-.00336	.01492	.00322	278.20	.00425	-.00138
#2	.00199	-.00918	-.00649	.01148	.00668	278.24	.00481	-.00158
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	252.47	.05574	-.00064	.00015	101.65	.01559	268.28
Stddev	.00028	.46	.00002	.00008	.00075	3.24	.00010	.36
%RSD	24.410	.18405	.04071	12.135	512.15	3.1849	.61185	.13545
#1	.00132	252.79	.05573	-.00070	-.00038	99.356	.01552	268.53
#2	.00093	252.14	.05576	-.00059	.00067	103.93	.01566	268.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00777	-.00364	-.09698	.00152	.00137	-.06792	-.00031	.07021
Stddev	.00008	.00022	.00716	.00039	.00013	.01283	.00021	.00853
%RSD	1.0139	6.0409	7.3813	25.536	9.2986	18.882	66.078	12.155
#1	-.00772	-.00380	-.10205	.00124	.00146	-.07699	-.00017	.06418
#2	-.00783	-.00348	-.09192	.00179	.00128	-.05885	-.00046	.07625
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	-.00612	.00755	-.00297	.00313	-.0015	F .10477	F 4.2581
Stddev	.00372	.00387	.00058	.00100	.00016	.0028	.00036	.5979
%RSD	111.24	63.230	7.6182	33.482	5.1585	188.3	.34694	14.043
#1	.00071	-.00338	.00796	-.00368	.00302	-.0035	.10502	4.6809
#2	.00598	-.00885	.00714	-.00227	.00325	.0005	.10451	3.8353

Sample Name: ICSA01 Acquired: 10/24/2018 12:45:22 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3623
Stddev .4701
%RSD 34.509

#1 1.6947
#2 1.0299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.8	34563.	4010.0	100.57	2468.8
Stddev	6.6	147.	28.1	2.68	.7
%RSD	.29580	.42553	.70061	2.6683	.02702

#1	2224.5	34459.	3990.1	102.46	2469.3
#2	2215.2	34667.	4029.9	98.668	2468.3

Sample Name: ICSAB01 Acquired: 10/24/2018 12:49:29 Type: Unk
Method: P4-ICP2(v2523) 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	.11206	.09621	.05093	.07168	.64374	280.34	.54299
Stddev	.00739	.00017	.00048	.00157	.00241	1.86	.00627
%RSD	6.5918	.17347	.94808	2.1937	.37457	.66399	1.1546

#1	.11729	.09633	.05059	.07057	.64203	281.66	.54742
#2	.10684	.09609	.05127	.07279	.64544	279.02	.53855

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56399	1.0481	253.07	.57489	.53082	.52507	102.81
Stddev	.00071	.0053	2.79	.00652	.00066	.00130	.68
%RSD	.12662	.50641	1.1022	1.1347	.12452	.24752	.66340

#1	.56450	1.0518	255.05	.57950	.53128	.52415	103.29
#2	.56349	1.0443	251.10	.57028	.53035	.52599	102.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54969	269.18	1.0376	.22065	-.10653	.53083	1.0798
Stddev	.00125	1.79	.0000	.00089	.00404	.00244	.0058
%RSD	.22774	.66548	.00178	.40501	3.7954	.46048	.54131

#1	.55057	270.44	1.0376	.22128	-.10367	.53255	1.0839
#2	.54880	267.91	1.0376	.22001	-.10939	.52910	1.0756

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06405	F 1.0732	F 1.1159	.00607	F .96924	F 1.0773	F 1.0639
Stddev	.02098	.0018	.0040	.00335	.01063	.0010	.0045
%RSD	32.756	.16394	.36227	55.202	1.0965	.09530	.41856

#1	-.07888	1.0720	1.1130	.00370	.97675	1.0780	1.0607
#2	-.04921	1.0745	1.1188	.00844	.96172	1.0765	1.0670

Sample Name: ICSAB01 Acquired: 10/24/2018 12:49:29 Type: Unk
 Method: P4-ICP2(v2523) 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	.00098	F .0016	.10549	F 5.1467	F<.00000
Stddev	.00050	.0030	.00051	.3714	.96168
%RSD	50.811	184.1	.48488	7.2170	205.68

#1	.00133	-.0005	.10512	5.4094	.21245
#2	.00063	.0037	.10585	4.8841	-1.1476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.9	34237.	3990.6	98.942	2433.1
Stddev	4.6	211.	35.5	.598	12.0
%RSD	.21179	.61668	.89045	.60452	.49326

#1	2182.7	34088.	3965.5	98.519	2424.7
#2	2189.2	34387.	4015.7	99.365	2441.6

Sample Name: CCV01 Acquired: 10/24/2018 12:53:26 Type: Unk
Method: P4-ICP2(v2523) 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	5.0645	4.9680	4.9871	5.0316	5.0740	10.281	10.180	.25472
Stddev	.0509	.0425	.0502	.0362	.0490	.079	.253	.00159
%RSD	1.0051	.85614	1.0073	.72048	.96605	.77011	2.4816	.62280
#1	5.1005	4.9981	5.0226	5.0572	5.1086	10.225	10.358	.25584
#2	5.0285	4.9379	4.9515	5.0059	5.0393	10.337	10.001	.25359
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4736	25.654	1.0054	2.4878	1.2659	4.9821	2.5523	25.525
Stddev	.0274	.321	.0010	.0258	.0090	.0367	.0025	.462
%RSD	1.1087	1.2494	.09625	1.0380	.70989	.73726	.09797	1.8107
#1	2.4930	25.881	1.0047	2.5061	1.2722	4.9561	2.5541	25.851
#2	2.4542	25.428	1.0061	2.4695	1.2595	5.0080	2.5505	25.198
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4721	1.2602	25.069	2.5324	2.4980	25.247	5.0991	5.0380
Stddev	.0258	.0048	.558	.0023	.0252	.450	.0504	.0977
%RSD	1.0441	.38274	2.2267	.09039	1.0086	1.7843	.98823	1.9386
#1	2.4904	1.2636	25.464	2.5308	2.5158	25.565	5.1347	5.1070
#2	2.4539	1.2568	24.675	2.5340	2.4802	24.928	5.0634	4.9689
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9068	5.0459	4.9426	5.1257	5.0856	4.917	5.1036	F 4.5672
Stddev	.0517	.1139	.0426	.0746	.1242	.062	.1258	.3905
%RSD	1.0531	2.2571	.86174	1.4565	2.4417	1.265	2.4648	8.5507
#1	4.9434	5.1264	4.9727	5.1785	5.1734	4.961	5.1925	4.8433
#2	4.8703	4.9653	4.9125	5.0729	4.9978	4.873	5.0146	4.2910

Sample Name: CCV01 Acquired: 10/24/2018 12:53:26 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9402
Stddev	.3947
%RSD	20.344

#1	1.6611
#2	2.2193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.1	35983.	3970.3	104.67	2695.4
Stddev	26.4	44.	96.9	1.22	31.3
%RSD	1.1504	.12282	2.4394	1.1675	1.1615

#1	2278.4	35952.	3901.8	103.80	2673.2
#2	2315.8	36014.	4038.8	105.53	2717.5

Sample Name: CCB01 Acquired: 10/24/2018 12:57:12 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.00020	-.00083	-.00055	-.00245	.00437	.00023
Stddev	.00157	.00013	.00099	.00001	.00059	.00095	.00045
%RSD	125.31	67.560	119.28	2.1893	24.242	21.805	196.27

#1	.00236	-.00010	-.00153	-.00054	-.00287	.00369	.00054
#2	.00014	-.00029	-.00013	-.00056	-.00203	.00504	-.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00008	.00785	-.00028	-.00020	-.00008	.00976
Stddev	.00001	.00013	.02140	.00046	.00009	.00027	.00504
%RSD	16.747	159.39	272.73	167.80	44.628	320.41	51.693

#1	.00004	-.00001	.02298	.00005	-.00027	-.00027	.00619
#2	.00005	.00018	-.00729	-.00060	-.00014	.00011	.01332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01492	.00067	-.00003	-.18542	.00007	-.00000
Stddev	.00005	.04963	.00072	.00020	.01404	.00009	.00004
%RSD	184.48	332.62	107.57	786.04	7.5713	127.70	913.93

#1	.00001	.02017	.00118	.00012	-.19535	.00013	.00002
#2	-.00006	-.05002	.00016	-.00017	-.17550	.00001	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09969	.00057	-.00391	.00306	.00292	.00066	.00223
Stddev	.02213	.00011	.00758	.00052	.00392	.00037	.00106
%RSD	22.199	19.908	194.01	17.070	134.24	56.398	47.811

#1	-.11533	.00049	-.00927	.00269	.00015	.00040	.00298
#2	-.08404	.00065	.00145	.00343	.00570	.00092	.00147

Sample Name: CCB01 Acquired: 10/24/2018 12:57:12 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.0015	.00009	F 2.4176	F<.00000
Stddev	.00111	.0009	.00005	.7790	.31329
%RSD	615.12	64.66	55.909	32.223	296.17

#1	-.00060	-.0008	.00005	2.9684	.11575
#2	.00096	-.0021	.00013	1.8667	-.32731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.6	37760.	3987.5	105.71	2984.9
Stddev	1.5	372.	6.9	.64	1.7
%RSD	.06070	.98434	.17338	.60203	.05566

#1	2397.6	37497.	3992.4	106.16	2983.7
#2	2395.6	38022.	3982.6	105.26	2986.0

Sample Name: LR CHECK1 Acquired: 10/24/2018 13:01:18 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	-.01331	-.09305	-.09194	.12696	.05048	1906.4	.00776	-.00135
Stddev	.00757	.00380	.00137	.00887	.00950	11.9	.00069	.00005
%RSD	56.877	4.0867	1.4950	6.9862	18.825	.62300	8.8680	3.8994
#1	-.00796	-.09036	-.09097	.13323	.05720	1898.0	.00825	-.00132
#2	-.01866	-.09574	-.09291	.12069	.04376	1914.8	.00727	-.00139
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05402	F 1803.5	.11271	.04207	-.00488	F 955.43	.03103	F 1925.0
Stddev	.00037	5.2	.00205	.00079	.00060	3.17	.00009	4.9
%RSD	.69105	.28842	1.8232	1.8785	12.307	.33229	.29474	.25648
#1	.05429	1807.2	.11126	.04152	-.00530	957.68	.03109	1928.5
#2	.05376	1799.8	.11416	.04263	-.00445	953.19	.03096	1921.5
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11139	-.03570	F 1851.6	.01387	.08150	F 1061.4	.01278	.59639
Stddev	.00043	.00140	2.2	.00019	.00114	2.1	.00179	.00190
%RSD	.38609	3.9280	.11893	1.3675	1.4008	.19516	14.045	.31793
#1	.11170	-.03471	1850.0	.01400	.08070	1059.9	.01405	.59505
#2	.11109	-.03669	1853.1	.01373	.08231	1062.8	.01151	.59773
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38995	-.00043	.06594	-.05544	.03113	.0655	.01762	2.0579
Stddev	.01101	.00002	.00396	.00026	.00029	.0023	.00004	.3081
%RSD	2.8225	4.1395	6.0090	.46446	.94492	3.472	.20450	14.973
#1	.38216	-.00042	.06314	-.05563	.03134	.0639	.01765	2.2757
#2	.39773	-.00044	.06875	-.05526	.03092	.0671	.01760	1.8400

Sample Name: LR CHECK1 Acquired: 10/24/2018 13:01:18 Type: Unk
Method: P4-ICP2(v2523) 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	1794.0	28282.	3652.6	80.922	1625.9
Stddev	.5	23.	9.4	.149	7.5
%RSD	.02747	.08284	.25864	.18474	.45978
#1	1793.6	28266.	3659.3	81.027	1620.6
#2	1794.3	28299.	3645.9	80.816	1631.2

Sample Name: LR CHECK2 Acquired: 10/24/2018 13:05:43 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00055	-.01962	F 256.19	.01570	-.03617	-.19271	98.261	-.00055
Stddev	.00168	.00141	2.22	.00050	.00247	.01042	.544	.00000
%RSD	306.43	7.1963	.86724	3.2066	6.8294	5.4091	.55385	.43287
#1	.00174	-.02062	257.76	.01606	-.03442	-.20008	98.645	-.00055
#2	-.00064	-.01862	254.62	.01535	-.03791	-.18534	97.876	-.00055
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00813	.36508	-.09857	-.00976	246.22	-.63476	42.787	-.07459
Stddev	.00007	.01280	.00010	.00025	.86	.00563	.041	.00771
%RSD	.86367	3.5063	.10315	2.5417	.34972	.88656	.09563	10.338
#1	-.00818	.37413	-.09850	-.00959	246.83	-.63079	42.758	-.06914
#2	-.00808	.35602	-.09864	-.00994	245.61	-.63874	42.816	-.08004
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.769	.00878	.63601	-.00735	F 35.796	.41434	.00493	-.01063
Stddev	.423	.00026	.00655	.00058	.459	.03074	.00003	.00447
%RSD	.86649	2.9202	1.0299	7.9469	1.2809	7.4201	.57372	41.994
#1	49.068	.00860	.64064	-.00777	36.120	.39260	.00495	-.01379
#2	48.470	.00896	.63138	-.00694	35.471	.43608	.00491	-.00748
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08426	.01126	.00450	.02758	-.00094	-.2332	.00254	2.9646
Stddev	.00483	.00082	.00012	.00016	.00066	.0012	.00001	.5580
%RSD	5.7307	7.3148	2.6296	.57107	70.209	.5276	.45212	18.822
#1	.08085	.01068	.00442	.02747	-.00141	-.2341	.00255	3.3591
#2	.08768	.01184	.00459	.02769	-.00047	-.2323	.00253	2.5700

Sample Name: LR CHECK2 Acquired: 10/24/2018 13:05:43 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .84193
Stddev .39173
%RSD 46.528

#1 .56493
#2 1.1189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.0	37837.	4055.1	103.39	2771.3
Stddev	15.7	219.	23.0	1.16	22.9
%RSD	.69691	.57797	.56830	1.1228	.82721

#1	2236.0	37683.	4038.8	102.57	2755.0
#2	2258.1	37992.	4071.4	104.21	2787.5

Sample Name: J5621-03 Acquired: 10/24/2018 13:14:16 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SED-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05159	-.00567	.33227	.03993	.01338	41.360	.16546
Stddev	.00184	.00093	.00168	.00007	.00062	.295	.00114
%RSD	3.5603	16.424	.50598	.16281	4.6353	.71275	.68636

#1	.05289	-.00501	.33346	.03997	.01294	41.151	.16626
#2	.05030	-.00633	.33108	.03988	.01382	41.568	.16465

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	-.00054	13.613	.26393	.04548	.40864	170.54
Stddev	.00014	.00007	.141	.00228	.00002	.00118	1.04
%RSD	2.0802	12.380	1.0332	.86269	.04146	.28854	.60941

#1	.00683	-.00050	13.712	.26554	.04546	.40781	169.80
#2	.00663	-.00059	13.513	.26232	.04549	.40947	171.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1772	12.898	.07933	-.00186	2.4208	.19048	.64031
Stddev	.0005	.006	.00050	.00019	.0005	.00256	.00101
%RSD	.04173	.04929	.62449	10.405	.01914	1.3433	.15770

#1	1.1775	12.902	.07968	-.00200	2.4205	.19229	.63960
#2	1.1768	12.893	.07898	-.00172	2.4211	.18867	.64103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2229	.00517	.17534	2.3849	2.4804	.02758	2.0927
Stddev	.0714	.00001	.00378	.0029	.0600	.00040	.0078
%RSD	3.2135	.13483	2.1537	.12272	2.4174	1.4528	.37495

#1	2.1724	.00517	.17266	2.3828	2.5228	.02786	2.0871
#2	2.2734	.00518	.17801	2.3870	2.4381	.02729	2.0982

Sample Name: J5621-03 Acquired: 10/24/2018 13:14:16 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-SED-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04722	2.852	.07344	<.00000	F<.00000
Stddev	.00072	.014	.00038	.75278	.86270
%RSD	1.5226	.4904	.51945	16.349	3.1514

#1	.04772	2.861	.07371	-5.1366	-27.985
#2	.04671	2.842	.07317	-4.0720	-26.765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2640.8	42669.	4779.0	109.96	2822.4
Stddev	7.8	149.	63.0	.14	.7
%RSD	.29445	.34848	1.3174	.12512	.02345

#1	2646.3	42774.	4734.4	110.05	2821.9
#2	2635.3	42564.	4823.5	109.86	2822.8

Sample Name: J5621-04 Acquired: 10/24/2018 13:18:14 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SED-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02925	-.00424	.21172	.02457	.00076	36.221	.14056
Stddev	.00086	.00089	.00151	.00386	.00013	.047	.00011
%RSD	2.9487	20.897	.71536	15.708	17.091	.12956	.07624

#1	.02864	-.00486	.21280	.02729	.00085	36.187	.14049
#2	.02986	-.00361	.21065	.02184	.00067	36.254	.14064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00472	-.00055	13.418	.12098	.04607	.57210	112.51
Stddev	.00005	.00002	.003	.00094	.00025	.00158	.90
%RSD	1.0582	4.4763	.02051	.77301	.55022	.27674	.79930

#1	.00469	-.00056	13.416	.12032	.04625	.57098	111.87
#2	.00476	-.00053	13.420	.12165	.04589	.57322	113.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87287	10.987	.07261	-.00073	4.1863	.13903	.29222
Stddev	.00445	.041	.00007	.00045	.0123	.00037	.00246
%RSD	.50966	.37655	.09330	61.117	.29291	.26953	.84259

#1	.86973	10.958	.07266	-.00041	4.1949	.13877	.29048
#2	.87602	11.017	.07257	-.00105	4.1776	.13930	.29396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3361	.00268	.11236	3.2204	3.9146	.01509	1.7850
Stddev	.0118	.00029	.00464	.0089	.0033	.00021	.0086
%RSD	.50325	10.676	4.1306	.27563	.08478	1.3715	.47884

#1	2.3444	.00289	.10908	3.2141	3.9123	.01524	1.7911
#2	2.3278	.00248	.11564	3.2267	3.9170	.01494	1.7790

Sample Name: J5621-04 Acquired: 10/24/2018 13:18:14 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SED-02 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03061	2.219	.12254	<.00000	F<.00000
Stddev	.00092	.000	.00104	.23642	.50550
%RSD	3.0186	.0114	.85199	7.7354	5.9400

#1	.03126	2.219	.12328	-2.8892	-8.1526
#2	.02996	2.220	.12180	-3.2235	-8.8675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.1	42000.	4628.7	108.28	2872.9
Stddev	7.1	46.	12.0	.77	4.2
%RSD	.27083	.11014	.25887	.71154	.14657

#1	2613.1	42033.	4620.3	108.83	2869.9
#2	2623.1	41967.	4637.2	107.74	2875.9

Sample Name: J5621-05 Acquired: 10/24/2018 13:22:10 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28907	-.02086	1.2150	.16060	.02484	222.32	.88886
Stddev	.00279	.00024	.0010	.00683	.00093	1.22	.00227
%RSD	.96550	1.1691	.08275	4.2523	3.7467	.54747	.25514

#1	.29104	-.02103	1.2143	.15577	.02550	223.18	.89046
#2	.28709	-.02069	1.2157	.16543	.02418	221.46	.88725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01446	.00591	30.336	.57991	.08048	1.7621	765.67
Stddev	.00022	.00237	.260	.00265	.00013	.0068	23.03
%RSD	1.5546	40.089	.85755	.45730	.16018	.38400	3.0072

#1	.01430	.00758	30.520	.58179	.08057	1.7669	749.39
#2	.01462	.00423	30.153	.57804	.08039	1.7573	781.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6532	12.447	.22770	.00955	.95798	.97855	1.8328
Stddev	.0050	.153	.00145	.00359	.00928	.00402	.0589
%RSD	.30456	1.2256	.63788	37.569	.96856	.41076	3.2131

#1	1.6497	12.339	.22668	.00701	.95142	.97570	1.7912
#2	1.6568	12.555	.22873	.01208	.96454	.98139	1.8745

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.254	.00890	.67842	5.9890	2.4416	.09028	2.3968
Stddev	.004	.00051	.03073	.0159	.0183	.00059	.0084
%RSD	.03144	5.7725	4.5302	.26571	.74901	.65837	.34959

#1	13.251	.00853	.65668	5.9778	2.4546	.08986	2.4027
#2	13.257	.00926	.70015	6.0003	2.4287	.09070	2.3909

Sample Name: J5621-05 Acquired: 10/24/2018 13:22:10 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-SB-01A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13519	F 12.18	.47309	<.00000	F<.00000
Stddev	.00079	.00	.00112	.29548	.08321
%RSD	.58643	.0088	.23579	2.3509	.02568

#1	.13575	12.18	.47387	-12.778	-324.05
#2	.13463	12.18	.47230	-12.360	-324.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.0	43863.	5026.0	99.650	2495.0
Stddev	7.4	36.	8.3	3.058	10.4
%RSD	.26477	.08118	.16468	3.0691	.41577

#1	2781.8	43889.	5031.9	101.81	2487.7
#2	2792.2	43838.	5020.2	97.488	2502.3

Sample Name: J5621-06 Acquired: 10/24/2018 13:26:06 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SB-01B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38451	-.02280	2.0558	.14793	.01167	263.53	.92063
Stddev	.00050	.00189	.0078	.00024	.00186	1.92	.00419
%RSD	.13001	8.2857	.37731	.16001	15.933	.72997	.45552

#1	.38487	-.02414	2.0612	.14776	.01299	262.17	.92360
#2	.38416	-.02147	2.0503	.14810	.01036	264.89	.91767

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01443	.00762	17.827	.58491	.20474	.82177	692.75
Stddev	.00004	.00031	.026	.00007	.00059	.00283	.20
%RSD	.26504	4.0389	.14748	.01242	.28747	.34409	.02883

#1	.01445	.00740	17.809	.58486	.20516	.81977	692.61
#2	.01440	.00784	17.846	.58496	.20432	.82377	692.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8019	66.842	.43303	.02019	5.8909	.63214	2.2497
Stddev	.0003	.166	.00101	.00040	.0211	.00671	.0027
%RSD	.00634	.24832	.23345	1.9599	.35902	1.0610	.11806

#1	4.8017	66.960	.43374	.02047	5.9059	.63688	2.2516
#2	4.8021	66.725	.43231	.01991	5.8760	.62740	2.2479

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.252	.00634	.68269	5.8663	3.3225	.26014	1.9564
Stddev	.075	.00013	.00900	.0033	.0471	.00166	.0057
%RSD	.35133	2.0490	1.3185	.05565	1.4175	.63756	.29412

#1	21.305	.00625	.68905	5.8640	3.3558	.26131	1.9523
#2	21.199	.00643	.67632	5.8686	3.2892	.25896	1.9605

Sample Name: J5621-06 Acquired: 10/24/2018 13:26:06 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-SB-01B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.53703	F 18.89	.23122	<.00000	F<.00000
Stddev	.00350	.01	.00068	1.3279	3.7335
%RSD	.65227	.0608	.29201	6.7961	1.2417

#1	.53455	18.90	.23170	-20.479	-303.31
#2	.53951	18.88	.23074	-18.601	-298.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.6	50465.	5857.6	99.026	2455.3
Stddev	9.6	145.	37.8	.435	4.1
%RSD	.29905	.28810	.64496	.43878	.16820

#1	3211.4	50568.	5830.9	98.719	2452.4
#2	3197.8	50363.	5884.3	99.333	2458.2

Sample Name: J5621-07 Acquired: 10/24/2018 13:30:06 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-SB-01C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30105	-.02513	1.7239	.14552	.01235	289.53	.96110
Stddev	.00045	.00226	.0022	.00192	.00000	.83	.00554
%RSD	.14886	8.9787	.12521	1.3186	.01212	.28686	.57592

#1	.30073	-.02353	1.7254	.14688	.01235	288.95	.96501
#2	.30137	-.02673	1.7224	.14417	.01235	290.12	.95718

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01498	.00849	15.406	.61470	.21624	.90423	677.37
Stddev	.00003	.00139	.187	.00296	.00102	.00135	8.80
%RSD	.21317	16.407	1.2128	.48119	.47017	.14951	1.2986

#1	.01500	.00750	15.538	.61680	.21696	.90519	683.59
#2	.01496	.00947	15.274	.61261	.21553	.90328	671.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5216	71.562	.47221	.02131	5.7727	.64097	2.4280
Stddev	.0059	.437	.00056	.00158	.0307	.00125	.0396
%RSD	.10663	.61032	.11834	7.3949	.53245	.19459	1.6310

#1	5.5174	71.871	.47260	.02242	5.7944	.64009	2.4560
#2	5.5258	71.253	.47181	.02019	5.7510	.64185	2.4000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.509	.00569	.67898	5.4179	3.4136	.24365	1.9512
Stddev	.102	.00043	.02017	.0035	.0071	.00054	.0047
%RSD	.43564	7.5428	2.9700	.06500	.20884	.22209	.23905

#1	23.581	.00539	.69324	5.4204	3.4085	.24404	1.9545
#2	23.436	.00599	.66472	5.4154	3.4186	.24327	1.9479

Sample Name: J5621-07 Acquired: 10/24/2018 13:30:06 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-SB-01C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.58878	F 15.23	.20015	<.00000	F<.00000
Stddev	.00133	.07	.00067	.21844	7.0542
%RSD	.22619	.4579	.33440	1.0789	2.3595

#1	.58973	15.28	.20062	-20.093	-293.98
#2	.58784	15.18	.19967	-20.402	-303.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.5	51746.	6044.0	100.50	2454.4
Stddev	14.4	55.	59.2	1.95	7.4
%RSD	.43896	.10614	.97967	1.9437	.30059

#1	3271.3	51707.	6002.1	99.122	2449.2
#2	3291.7	51785.	6085.8	101.89	2459.7

Sample Name: PB114086BL Acquired: 10/24/2018 13:34:06 Type: Unk
Method: P4-ICP2(v2523) 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	.00307	-.00077	-.00076	-.00067	-.00143	.00288	-.00129
Stddev	.00037	.00101	.00004	.00210	.00074	.00376	.00143
%RSD	11.905	130.90	5.3069	313.36	51.927	130.54	110.59

#1	.00333	-.00006	-.00079	.00081	-.00196	.00553	-.00230
#2	.00281	-.00148	-.00073	-.00215	-.00091	.00022	-.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00011	-.01382	-.00042	-.00014	.00014	.01128
Stddev	.00000	.00005	.00367	.00025	.00008	.00056	.01292
%RSD	11.042	46.344	26.581	58.956	57.163	411.65	114.57

#1	-.00002	.00014	-.01122	-.00025	-.00008	.00053	.02042
#2	-.00002	.00007	-.01642	-.00060	-.00019	-.00026	.00214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.05714	.00036	.00001	-.09979	-.00004	.00009
Stddev	.00002	.02668	.00010	.00024	.00268	.00028	.00000
%RSD	44.616	46.682	28.700	1992.0	2.6846	694.61	1.2730

#1	.00006	-.07601	.00029	.00018	-.09790	-.00023	.00009
#2	.00003	-.03828	.00043	-.00016	-.10168	.00016	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04259	.00025	-.01064	-.00075	.00527	.00113	.00195
Stddev	.01287	.00021	.00010	.00245	.00129	.00033	.00016
%RSD	30.223	84.859	.94543	327.82	24.496	29.000	8.0286

#1	-.03348	.00040	-.01057	-.00248	.00436	.00136	.00206
#2	-.05169	.00010	-.01071	.00099	.00619	.00090	.00184

Sample Name: PB114086BL Acquired: 10/24/2018 13:34:06 Type: Unk
Method: P4-ICP2(v2523) 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	.00003	-.0023	.00008	F 3.5953	F<.00000
Stddev	.00107	.0010	.00005	.0654	.28922
%RSD	3843.9	42.57	56.987	1.8198	56.627

#1	.00078	-.0016	.00012	3.6415	-.71524
#2	-.00073	-.0030	.00005	3.5490	-.30623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.5	37109.	3951.1	106.68	2918.1
Stddev	14.8	12.	12.0	1.00	17.4
%RSD	.64071	.03264	.30432	.93905	.59760

#1	2306.0	37118.	3942.6	105.97	2905.8
#2	2327.0	37101.	3959.6	107.38	2930.5

Sample Name: PB114086BS Acquired: 10/24/2018 13:38:09 Type: Unk
Method: P4-ICP2(v2523) 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	.80851	1.9378	.97616	2.0060	.81409	1.9952	.20896
Stddev	.00202	.0001	.00095	.0025	.00130	.0130	.00060
%RSD	.24992	.00665	.09690	.12667	.16005	.65091	.28782

#1	.80708	1.9377	.97683	2.0078	.81317	1.9860	.20939
#2	.80994	1.9379	.97549	2.0042	.81501	2.0043	.20854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20070	.19199	1.0766	.39883	.19722	.31838	3.0083
Stddev	.00031	.00012	.0252	.00199	.00046	.00003	.0024
%RSD	.15575	.06424	2.3376	.49783	.23348	.00832	.08146

#1	.20092	.19190	1.0944	.40023	.19755	.31840	3.0100
#2	.20047	.19208	1.0588	.39742	.19689	.31836	3.0065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21072	2.0162	.48351	.07158	2.9279	.30583	.21066
Stddev	.00057	.0180	.00046	.00043	.0029	.00024	.00050
%RSD	.26833	.89104	.09602	.60254	.09907	.07684	.23880

#1	.21112	2.0289	.48318	.07188	2.9258	.30567	.21030
#2	.21032	2.0034	.48383	.07127	2.9299	.30600	.21101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.149	.41978	.29994	F -.00054	.97532	.67497	.20684
Stddev	.011	.00037	.00076	.00122	.00221	.00025	.00077
%RSD	.10455	.08801	.25238	225.27	.22644	.03771	.37442

#1	10.141	.41952	.29941	.00032	.97375	.67479	.20739
#2	10.156	.42004	.30048	-.00140	.97688	.67515	.20629

Sample Name: PB114086BS Acquired: 10/24/2018 13:38:09 Type: Unk
 Method: P4-ICP2(v2523) 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	.20485	F 5.359	.20332	F 3.4904	F<.00000
Stddev	.00046	.009	.00061	.0167	.39695
%RSD	.22458	.1638	.30098	.47917	23.854

#1	.20452	5.365	.20375	3.4786	-1.9447
#2	.20517	5.353	.20289	3.5023	-1.3834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.0	37241.	3958.2	105.63	2891.7
Stddev	1.7	156.	2.9	.51	2.3
%RSD	.07367	.41967	.07446	.47977	.07805

#1	2310.2	37130.	3960.3	105.98	2893.3
#2	2307.8	37351.	3956.1	105.27	2890.1

Sample Name: J5623-01 Acquired: 10/24/2018 13:42:00 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00714	-.00224	.00598	.00280	-.00569	-.00983	.01732	.00006
Stddev	.00176	.00167	.00048	.00002	.00027	.00014	.00122	.00004
%RSD	24.598	74.449	7.9977	.68287	4.6894	1.4270	7.0531	58.970

#1	.00590	-.00342	.00564	.00281	-.00587	-.00993	.01818	.00009
#2	.00839	-.00106	.00632	.00279	-.00550	-.00973	.01645	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	159.39	-.00180	-.00055	.00016	-.02847	.01268	480.34
Stddev	.00000	1.09	.00031	.00003	.00016	.00221	.00003	.06
%RSD	.40321	.68148	17.297	6.0082	103.02	7.7653	.20723	.01213

#1	-.00035	158.62	-.00158	-.00058	.00004	-.03004	.01270	480.30
#2	-.00035	160.15	-.00202	-.00053	.00027	-.02691	.01266	480.38

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00490	-.00009	F 3076.8	.00226	.00128	165.81	.00364	1.5609
Stddev	.00006	.00052	18.9	.00053	.00009	.56	.00033	.0112
%RSD	1.1540	598.81	.61297	23.336	6.7576	.33986	8.9979	.71864

#1	-.00486	-.00046	3090.1	.00263	.00122	165.41	.00341	1.5688
#2	-.00494	.00028	3063.4	.00189	.00134	166.21	.00387	1.5530

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 405.62	1.1642	-.14736	-.00505	.07797	.1292	2.7995	11.469
Stddev	4.06	.0024	.00130	.00116	.00215	.0001	.0022	.004
%RSD	1.0001	.20950	.88118	22.924	2.7591	.0668	.07910	.03379

#1	402.75	1.1660	-.14644	-.00587	.07645	.1292	2.7979	11.472
#2	408.49	1.1625	-.14828	-.00423	.07949	.1293	2.8011	11.466

Sample Name: J5623-01 Acquired: 10/24/2018 13:42:00 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.5440
Stddev .4381
%RSD 5.8073

#1 7.2343
#2 7.8538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.2	30020.	4029.6	103.06	2088.1
Stddev	24.2	170.	11.6	.33	21.0
%RSD	1.2190	.56611	.28709	.32117	1.0057

#1	2002.3	29899.	4021.4	103.30	2102.9
#2	1968.1	30140.	4037.8	102.83	2073.2

Sample Name: CCV02 Acquired: 10/24/2018 13:46:07 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1747	4.8459	4.9401	5.0954	5.1994	10.496	10.087	.25075
Stddev	.0378	.0339	.0411	.0374	.0395	.135	.102	.00342
%RSD	.73001	.70017	.83225	.73391	.75928	1.2833	1.0162	1.3649
#1	5.1480	4.8219	4.9111	5.0689	5.1715	10.400	10.159	.24833
#2	5.2014	4.8698	4.9692	5.1218	5.2273	10.591	10.014	.25317
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4216	24.624	.96210	2.4601	1.2703	4.8310	2.4992	24.233
Stddev	.0192	.080	.00778	.0169	.0107	.0584	.0246	.163
%RSD	.79127	.32627	.80837	.68677	.83949	1.2086	.98494	.67210
#1	2.4080	24.567	.95660	2.4482	1.2628	4.7897	2.4817	24.348
#2	2.4351	24.681	.96760	2.4721	1.2779	4.8723	2.5166	24.118
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4020	1.2397	25.122	2.5004	2.4057	25.567	5.1885	4.8001
Stddev	.0156	.0097	.395	.0246	.0165	.229	.0434	.0452
%RSD	.64810	.78487	1.5705	.98425	.68760	.89519	.83708	.94147
#1	2.3910	1.2329	25.401	2.4830	2.3940	25.729	5.1578	4.8321
#2	2.4131	1.2466	24.843	2.5178	2.4174	25.405	5.2193	4.7682
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9296	4.8151	4.8613	4.9791	5.0222	4.863	4.9943	F 4.4347
Stddev	.0343	.0354	.0349	.0295	.0457	.033	.0527	.1627
%RSD	.69595	.73573	.71767	.59314	.90954	.6835	1.0552	3.6689
#1	4.9054	4.8402	4.8367	5.0000	5.0545	4.839	5.0315	4.3197
#2	4.9539	4.7901	4.8860	4.9582	4.9899	4.886	4.9570	4.5498

Sample Name: CCV02 Acquired: 10/24/2018 13:46:07 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-05 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4471
Stddev .0349
%RSD 2.4140

#1 1.4224
#2 1.4718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.2	36962.	4291.1	109.60	2738.7
Stddev	14.9	228.	41.1	.55	14.2
%RSD	.65260	.61569	.95698	.50429	.51754

#1	2291.7	37123.	4262.0	109.99	2748.7
#2	2270.7	36801.	4320.1	109.21	2728.6

Sample Name: CCB02 Acquired: 10/24/2018 13:49:53 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00340	-.00028	-.00046	-.00105	-.00232	.00694	-.00242
Stddev	.00150	.00040	.00129	.00049	.00007	.00042	.00055
%RSD	44.115	142.75	278.94	47.005	3.1274	5.9956	22.890

#1	.00234	.00000	.00045	-.00070	-.00227	.00723	-.00203
#2	.00447	-.00056	-.00138	-.00140	-.00237	.00665	-.00281

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00012	-.01014	-.00018	-.00009	-.00005	.00913
Stddev	.00006	.00004	.00051	.00008	.00002	.00040	.00187
%RSD	98.509	36.109	5.0285	44.061	26.141	733.31	20.464

#1	-.00010	.00015	-.00978	-.00024	-.00008	-.00034	.01046
#2	-.00002	.00009	-.01050	-.00012	-.00011	.00023	.00781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.05783	.00081	-.00081	F .58039	-.00003	-.00003
Stddev	.00002	.00901	.00002	.00023	.01939	.00033	.00001
%RSD	29.390	15.589	2.7923	28.320	3.3417	1028.4	25.770

#1	-.00008	-.05145	.00079	-.00098	.56668	-.00026	-.00003
#2	-.00005	-.06420	.00082	-.00065	.59411	.00020	-.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30482	.00044	-.00389	.00039	.00510	-.00030	.00042
Stddev	.00404	.00032	.00821	.00150	.00228	.00055	.00283
%RSD	1.3237	71.856	211.11	385.63	44.682	185.37	673.20

#1	.30767	.00067	-.00969	.00145	.00349	.00009	-.00158
#2	.30197	.00022	.00192	-.00067	.00672	-.00069	.00242

Sample Name: CCB02 Acquired: 10/24/2018 13:49:53 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14049 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00539	-.0002	.00021	F 1.8718	F<.00000
Stddev	.00130	.0010	.00007	.3567	.43537
%RSD	24.187	574.1	32.676	19.058	47.411

#1	.00447	.0005	.00016	2.1241	-.61043
#2	.00631	-.0009	.00026	1.6196	-1.2261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.7	38334.	4226.7	113.09	2969.3
Stddev	10.4	85.	7.8	.14	9.7
%RSD	.44072	.22048	.18410	.12505	.32748

#1	2341.4	38274.	4221.2	112.99	2962.4
#2	2356.0	38394.	4232.2	113.19	2976.1

Sample Name: J5623-01DUP Acquired: 10/24/2018 13:53:57 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00582	-.00340	.00586	.00198	-.00684	.01263	.01631	.00013
Stddev	.00455	.00166	.00099	.00136	.00059	.01423	.00107	.00012
%RSD	78.208	48.714	16.815	68.584	8.6199	112.61	6.5739	94.036
#1	.00904	-.00457	.00655	.00102	-.00642	.02269	.01555	.00022
#2	.00260	-.00223	.00516	.00294	-.00725	.00257	.01707	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	150.78	-.00200	-.00022	.00019	-.02300	.01230	454.13
Stddev	.00008	6.20	.00009	.00019	.00005	.00493	.00002	18.27
%RSD	45.013	4.1118	4.2806	84.468	26.114	21.420	.15000	4.0235
#1	-.00012	146.40	-.00206	-.00009	.00015	-.01952	.01229	441.21
#2	-.00022	155.17	-.00194	-.00035	.00022	-.02649	.01231	467.05
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00454	-.00024	F 2826.6	.00140	.00119	158.78	.00367	1.4633
Stddev	.00034	.00017	71.2	.00060	.00002	6.30	.00018	.0529
%RSD	7.4211	70.550	2.5201	42.962	1.4800	3.9692	4.8074	3.6176
#1	-.00431	-.00012	2776.3	.00182	.00118	154.33	.00380	1.4258
#2	-.00478	-.00036	2877.0	.00097	.00121	163.24	.00355	1.5007
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 407.68	1.0919	-.14870	-.00424	.07504	.1294	2.6811	9.7742
Stddev	16.30	.0444	.00546	.00129	.00503	.0066	.1135	.1267
%RSD	3.9986	4.0648	3.6732	30.516	6.7082	5.133	4.2337	1.2966
#1	396.15	1.0605	-.14484	-.00516	.07148	.1247	2.6008	9.6845
#2	419.20	1.1233	-.15256	-.00333	.07860	.1341	2.7613	9.8638

Sample Name: J5623-01DUP Acquired: 10/24/2018 13:53:57 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.8762
Stddev	.1844
%RSD	2.6812

#1	7.0066
#2	6.7458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.5	31239.	4322.4	109.63	2087.3
Stddev	74.2	190.	155.5	4.55	73.0
%RSD	3.7389	.60741	3.5971	4.1498	3.4970

#1	2036.9	31373.	4432.3	112.85	2138.9
#2	1932.0	31105.	4212.5	106.41	2035.7

Sample Name: J5623-01LX5 Acquired: 10/24/2018 13:58:05 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00079	.00110	.00376	-.00440	.00415	.00120	.00012
Stddev	.00068	.00033	.00088	.00412	.00240	.00015	.00090	.00008
%RSD	72.603	41.452	80.163	109.63	54.542	3.6591	75.337	66.130
#1	.00142	-.00056	.00048	.00085	-.00609	.00426	.00056	.00007
#2	.00046	-.00102	.00172	.00667	-.00270	.00404	.00184	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	33.613	-.00107	-.00047	-.00047	.00161	.00258	96.286
Stddev	.00011	.201	.00025	.00005	.00003	.00609	.00002	.892
%RSD	75.129	.59933	23.308	11.244	6.4986	379.03	.73537	.92656
#1	-.00007	33.470	-.00125	-.00050	-.00049	.00591	.00260	95.655
#2	-.00022	33.755	-.00090	-.00043	-.00045	-.00270	.00257	96.917
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	-.00010	720.65	.00116	.00034	32.961	.00085	.32314
Stddev	.00022	.00063	.14	.00048	.00010	.405	.00034	.00137
%RSD	13.580	604.64	.02005	41.611	30.865	1.2296	39.289	.42399
#1	-.00146	-.00055	720.75	.00082	.00026	32.674	.00109	.32411
#2	-.00177	.00034	720.55	.00150	.00041	33.248	.00062	.32217
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 73.296	.22667	-.02509	-.00034	.03740	.0199	.58123	7.2277
Stddev	.028	.00316	.00013	.00126	.00051	.0014	.00622	.3566
%RSD	.03860	1.3951	.50649	374.99	1.3619	7.260	1.0710	4.9338
#1	73.316	.22443	-.02518	-.00123	.03704	.0209	.57683	6.9756
#2	73.276	.22890	-.02500	.00056	.03776	.0189	.58564	7.4799

Sample Name: J5623-01LX5 Acquired: 10/24/2018 13:58:05 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0069
Stddev .7219
%RSD 24.008

#1 2.4964
#2 3.5174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.0	33854.	4268.0	113.21	2484.0
Stddev	10.2	278.	29.0	.88	7.8
%RSD	.47319	.82062	.67836	.77923	.31415

#1	2154.7	34050.	4288.5	113.83	2478.5
#2	2169.2	33657.	4247.6	112.59	2489.5

Sample Name: J5623-01MS Acquired: 10/24/2018 14:02:13 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.88822	1.7257	.96910	2.1630	.84474	2.3674	.21449	.24221
Stddev	.00049	.0081	.00777	.0040	.00095	.0011	.00276	.00048
%RSD	.05466	.47028	.80148	.18386	.11270	.04674	1.2883	.19692
#1	.88856	1.7314	.97460	2.1658	.84542	2.3666	.21253	.24187
#2	.88787	1.7199	.96361	2.1602	.84407	2.3681	.21644	.24254
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19347	156.50	.35884	.19862	.26293	2.6893	.20106	475.18
Stddev	.00072	3.45	.00204	.00144	.00172	.0578	.00020	10.86
%RSD	.37245	2.2060	.56763	.72589	.65553	2.1497	.09765	2.2861
#1	.19398	154.06	.35740	.19964	.26415	2.6484	.20092	467.49
#2	.19296	158.94	.36028	.19760	.26171	2.7302	.20120	482.86
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46771	.08484	F 2838.6	.29375	.18844	177.33	.38383	1.7630
Stddev	.00131	.00050	27.3	.00078	.00452	3.59	.00090	.0295
%RSD	.27996	.58620	.96148	.26489	2.3988	2.0243	.23475	1.6736
#1	.46864	.08449	2819.3	.29320	.18525	174.79	.38447	1.7422
#2	.46679	.08519	2857.9	.29430	.19164	179.87	.38319	1.7839
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 400.88	2.0094	.54053	.18226	.29836	7.254	2.9964	10.060
Stddev	3.01	.0423	.00277	.00197	.00253	.040	.0619	.155
%RSD	.75066	2.1036	.51251	1.0799	.84681	.5496	2.0640	1.5452
#1	403.01	1.9795	.54249	.18087	.29657	7.282	2.9526	9.9505
#2	398.75	2.0393	.53857	.18365	.30014	7.225	3.0401	10.170

Sample Name: J5623-01MS Acquired: 10/24/2018 14:02:13 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5612
Stddev .7619
%RSD 13.700

#1 6.0999
#2 5.0225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.1	31197.	4129.7	104.83	2090.3
Stddev	4.2	116.	74.2	2.50	8.6
%RSD	.21020	.37237	1.7974	2.3831	.41252

#1	1988.2	31279.	4182.1	106.60	2084.2
#2	1994.1	31115.	4077.2	103.07	2096.4

Sample Name: J5623-01MSD Acquired: 10/24/2018 14:06:10 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.87871	1.7109	.96223	2.1527	.84433	2.3558	.21641	.24169
Stddev	.00614	.0021	.00625	.0009	.00234	.0287	.00054	.00117
%RSD	.69910	.12437	.64911	.04277	.27727	1.2191	.24897	.48488
#1	.88306	1.7124	.96664	2.1521	.84598	2.3355	.21603	.24251
#2	.87437	1.7094	.95781	2.1534	.84267	2.3761	.21679	.24086
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19153	156.12	.35664	.19572	.26078	2.6236	.20047	476.73
Stddev	.00083	.54	.00158	.00070	.00025	.0417	.00112	.26
%RSD	.43320	.34390	.44262	.35742	.09760	1.5908	.55734	.05414
#1	.19212	155.74	.35775	.19621	.26096	2.5940	.20126	476.92
#2	.19094	156.50	.35552	.19522	.26060	2.6531	.19968	476.55
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46420	.08395	F 2788.8	.29181	.18276	177.67	.38253	1.7640
Stddev	.00229	.00100	8.1	.00225	.00234	.35	.00090	.0098
%RSD	.49277	1.1961	.29075	.77149	1.2792	.19469	.23397	.55397
#1	.46582	.08466	2783.0	.29340	.18111	177.43	.38316	1.7709
#2	.46259	.08324	2794.5	.29022	.18441	177.92	.38190	1.7571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 398.38	2.0021	.53490	.18708	.29959	7.206	3.0055	10.184
Stddev	1.82	.0065	.00084	.00084	.00129	.019	.0036	.131
%RSD	.45562	.32261	.15763	.44955	.43185	.2694	.12098	1.2829
#1	399.66	1.9975	.53550	.18767	.30050	7.220	3.0081	10.276
#2	397.10	2.0067	.53431	.18648	.29867	7.193	3.0029	10.091

Sample Name: J5623-01MSD Acquired: 10/24/2018 14:06:10 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0364
Stddev	.1421
%RSD	2.3532

#1	6.1369
#2	5.9360

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.8	31054.	4103.5	107.36	2091.3
Stddev	11.5	132.	5.7	1.11	13.1
%RSD	.57997	.42435	.13815	1.0300	.62449

#1	1977.7	30961.	4107.5	108.14	2082.1
#2	1994.0	31147.	4099.5	106.57	2100.5

Sample Name: J5623-01A Acquired: 10/24/2018 14:10:07 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.88872	1.7089	.95705	2.1601	.84761	2.3582	.21488	.23949
Stddev	.00189	.0037	.00148	.0071	.00364	.0208	.00143	.00083
%RSD	.21286	.21910	.15490	.32826	.42892	.88353	.66392	.34582
#1	.88739	1.7063	.95601	2.1551	.84504	2.3434	.21589	.23891
#2	.89006	1.7116	.95810	2.1651	.85018	2.3729	.21387	.24008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19090	157.29	.35217	.19517	.26288	2.6786	.19891	473.38
Stddev	.00073	.20	.00097	.00022	.00039	.0210	.00038	4.77
%RSD	.38156	.12885	.27602	.11520	.14905	.78557	.19285	1.0081
#1	.19038	157.43	.35148	.19501	.26260	2.6935	.19864	476.76
#2	.19141	157.14	.35285	.19533	.26315	2.6637	.19918	470.01
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46241	.08367	F 2773.8	.29269	.18539	177.77	.38261	1.7731
Stddev	.00012	.00013	70.2	.00152	.00236	.73	.00223	.0177
%RSD	.02487	.15479	2.5312	.51908	1.2709	.41254	.58229	.99686
#1	.46233	.08358	2823.5	.29162	.18705	178.28	.38104	1.7856
#2	.46250	.08377	2724.2	.29377	.18372	177.25	.38419	1.7606
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 398.49	2.0011	.53446	.18615	.29946	7.244	2.9986	10.230
Stddev	.05	.0307	.00420	.00165	.00093	.009	.0214	.045
%RSD	.01253	1.5325	.78538	.88466	.31055	.1281	.71411	.43751
#1	398.53	2.0228	.53150	.18498	.30011	7.238	3.0137	10.261
#2	398.46	1.9794	.53743	.18731	.29880	7.251	2.9834	10.198

Sample Name: J5623-01A Acquired: 10/24/2018 14:10:07 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.5337
Stddev	.0619
%RSD	1.1190

#1	5.4899
#2	5.5775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.9	31227.	4125.6	104.93	2087.7
Stddev	10.3	21.	53.2	1.25	4.1
%RSD	.52219	.06743	1.2893	1.1918	.19571

#1	1986.3	31242.	4088.0	104.05	2090.6
#2	1971.6	31212.	4163.2	105.81	2084.8

Sample Name: PB114051BL Acquired: 10/24/2018 14:14:06 Type: Unk
Method: P4-ICP2(v2523) 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	.00398	-.00087	-.00062	-.00083	-.00135	.00941	-.00386
Stddev	.00182	.00236	.00035	.00022	.00008	.00928	.00050
%RSD	45.726	272.30	55.705	25.987	5.9733	98.599	12.879

#1	.00527	-.00253	-.00087	-.00068	-.00129	.00285	-.00350
#2	.00270	.00080	-.00038	-.00098	-.00141	.01597	-.00421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00013	-.00563	-.00014	.00020	.00015	.00155
Stddev	.00001	.00010	.00456	.00073	.00016	.00030	.00792
%RSD	269.65	73.620	80.976	509.39	84.066	202.66	511.13

#1	.00000	.00020	-.00241	-.00066	.00008	-.00006	.00715
#2	-.00001	.00006	-.00886	.00037	.00031	.00036	-.00405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00759	.00151	.00025	F 4.5078	-.00052	-.00019
Stddev	.00000	.04534	.00003	.00050	.1164	.00016	.00010
%RSD	214.26	597.16	1.7775	201.58	2.5831	31.029	54.999

#1	-.00000	-.03965	.00149	-.00010	4.4255	-.00041	-.00011
#2	.00000	.02447	.00153	.00060	4.5901	-.00064	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.5506	.00024	-.00473	F .00965	.00101	.00058	-.00028
Stddev	.0874	.00002	.00009	.00334	.00281	.00041	.00022
%RSD	5.6394	6.8171	1.8969	34.636	276.91	71.615	79.765

#1	1.4888	.00025	-.00480	.01202	.00300	.00029	-.00043
#2	1.6124	.00023	-.00467	.00729	-.00097	.00087	-.00012

Sample Name: PB114051BL Acquired: 10/24/2018 14:14:06 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01364	-.0020	.00015	F .75672	F<.00000
Stddev	.00305	.0004	.00005	.42330	.04291
%RSD	22.387	18.55	32.063	55.939	2.5947

#1	.01148	-.0022	.00011	1.0560	-1.6232
#2	.01580	-.0017	.00018	.45740	-1.6839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.8	39604.	4418.4	117.14	3051.7
Stddev	10.7	414.	29.3	4.37	13.2
%RSD	.45273	1.0445	.66351	3.7276	.43391

#1	2374.4	39311.	4439.1	114.05	3061.1
#2	2359.2	39896.	4397.6	120.23	3042.3

Sample Name: PB114051BS Acquired: 10/24/2018 14:18:11 Type: Unk
Method: P4-ICP2(v2523) 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	.76445	1.7793	.89227	1.8925	.78453	1.8694	.19318
Stddev	.00111	.0003	.00125	.0082	.00109	.0027	.00057
%RSD	.14489	.01919	.13967	.43166	.13879	.14603	.29383

#1	.76523	1.7795	.89315	1.8983	.78530	1.8675	.19359
#2	.76367	1.7790	.89139	1.8868	.78376	1.8713	.19278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18101	.17384	.95185	.35394	.18066	.29671	2.6263
Stddev	.00027	.00019	.01423	.00160	.00002	.00074	.0111
%RSD	.14863	.10801	1.4950	.45290	.00948	.24819	.42393

#1	.18082	.17398	.96191	.35280	.18067	.29723	2.6184
#2	.18120	.17371	.94179	.35507	.18065	.29619	2.6341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19029	1.8351	.43808	.06488	F 4.8026	.27806	.17701
Stddev	.00028	.0015	.00072	.00054	.0222	.00188	.00145
%RSD	.14777	.07961	.16346	.83028	.46223	.67741	.82163

#1	.19009	1.8341	.43858	.06450	4.7869	.27673	.17598
#2	.19049	1.8362	.43757	.06526	4.8182	.27939	.17804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.107	.40161	.25502	F .00150	.87125	.62644	.18959
Stddev	.025	.00005	.00329	.00240	.00695	.00084	.00124
%RSD	.24832	.01233	1.2905	159.26	.79765	.13475	.65194

#1	10.125	.40157	.25270	-.00019	.86634	.62584	.19046
#2	10.089	.40165	.25735	.00320	.87616	.62704	.18871

Sample Name: PB114051BS Acquired: 10/24/2018 14:18:11 Type: Unk
Method: P4-ICP2(v2523) 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	.19760	F 4.913	.18836	F .63808	F<.00000
Stddev	.00073	.009	.00009	.18338	.39430
%RSD	.36799	.1868	.04781	28.740	12.831

#1	.19812	4.906	.18830	.76775	-3.3519
#2	.19709	4.919	.18842	.50841	-2.7943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.3	39629.	4405.2	119.40	3033.2
Stddev	24.5	55.	13.7	.19	27.0
%RSD	1.0333	.14002	.31075	.15792	.89135

#1	2354.9	39590.	4395.5	119.27	3014.1
#2	2389.6	39668.	4414.9	119.53	3052.3

Sample Name: J5601-01 Acquired: 10/24/2018 14:22:04 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	-.00269	.00310	.00213	-.00340	.02244	.01478	.00008
Stddev	.00153	.00191	.00014	.00485	.00090	.00792	.00073	.00005
%RSD	40.306	71.000	4.4630	227.40	26.417	35.304	4.9331	60.848
#1	.00271	-.00134	.00320	.00556	-.00276	.01684	.01529	.00011
#2	.00486	-.00405	.00300	-.00130	-.00403	.02805	.01426	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	106.33	-.00175	-.00074	.00083	-.01746	.01173	300.42
Stddev	.00013	.83	.00062	.00036	.00018	.00356	.00019	1.87
%RSD	63.956	.78014	35.185	49.139	21.988	20.359	1.6471	.62269
#1	-.00011	105.75	-.00218	-.00100	.00096	-.01495	.01187	299.10
#2	-.00029	106.92	-.00131	-.00048	.00070	-.01998	.01159	301.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	.00033	F 2031.9	.00160	.00047	103.64	.00290	.96211
Stddev	.00040	.00045	12.8	.00056	.00004	.77	.00000	.00847
%RSD	12.609	136.95	.62936	35.014	9.6374	.74697	.02017	.88046
#1	-.00292	.00065	2022.9	.00120	.00043	103.09	.00290	.95612
#2	-.00349	.00001	2041.0	.00199	.00050	104.18	.00291	.96810
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 247.93	1.2074	-.08892	-.00216	.04428	.1106	1.8026	8.6326
Stddev	2.72	.0093	.00004	.00124	.00068	.0027	.0117	.1802
%RSD	1.0961	.77221	.04480	57.365	1.5284	2.446	.64802	2.0872
#1	249.85	1.2008	-.08895	-.00304	.04380	.1125	1.7943	8.7600
#2	246.01	1.2139	-.08890	-.00128	.04476	.1087	1.8108	8.5052

Sample Name: J5601-01 Acquired: 10/24/2018 14:22:04 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14048 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8220
Stddev	.9896
%RSD	16.997

#1	6.5217
#2	5.1222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.7	32467.	4256.2	112.76	2251.7
Stddev	13.8	195.	18.7	1.88	17.8
%RSD	.66989	.60196	.43829	1.6680	.79192

#1	2054.9	32329.	4269.4	114.09	2239.1
#2	2074.5	32605.	4243.0	111.43	2264.3

Sample Name: J5601-01DUP Acquired: 10/24/2018 14:26:09 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00442	-.00084	.00248	.00396	-.00489	.03584	.01347	.00012
Stddev	.00222	.00018	.00019	.00049	.00069	.01758	.00079	.00000
%RSD	50.139	21.656	7.4735	12.481	14.169	49.056	5.8418	.23731

#1	.00285	-.00097	.00261	.00361	-.00538	.02341	.01403	.00011
#2	.00599	-.00071	.00235	.00431	-.00440	.04827	.01292	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	101.47	-.00161	-.00060	.00096	-.01814	.01189	284.20
Stddev	.00017	5.31	.00016	.00012	.00034	.00531	.00044	14.38
%RSD	98.807	5.2292	10.141	19.793	34.873	29.286	3.7385	5.0590

#1	-.00005	105.23	-.00173	-.00052	.00120	-.01439	.01220	294.36
#2	-.00029	97.722	-.00150	-.00069	.00073	-.02190	.01157	274.03

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	.00007	F 1909.2	.00176	.00045	98.818	.00234	.91732
Stddev	.00031	.00023	118.5	.00046	.00006	4.722	.00022	.05408
%RSD	9.0575	311.69	6.2089	25.911	14.195	4.7784	9.5831	5.8951

#1	-.00359	.00024	1993.0	.00144	.00041	102.16	.00218	.95556
#2	-.00316	-.00009	1825.4	.00208	.00050	95.479	.00250	.87908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 244.14	1.1617	-.08854	-.00328	.04321	.1091	1.7138	9.3417
Stddev	3.10	.0609	.00086	.00101	.00238	.0007	.0877	.4455
%RSD	1.2706	5.2460	.97162	30.791	5.5168	.6431	5.1197	4.7685

#1	241.95	1.2047	-.08914	-.00257	.04489	.1096	1.7758	9.6567
#2	246.33	1.1186	-.08793	-.00400	.04152	.1086	1.6517	9.0267

Sample Name: J5601-01DUP Acquired: 10/24/2018 14:26:09 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14048 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.8774
Stddev	.0932
%RSD	1.3555

#1	6.8115
#2	6.9433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.4	32009.	4409.9	113.33	2257.6
Stddev	22.1	645.	193.1	3.21	25.8
%RSD	1.0699	2.0147	4.3785	2.8366	1.1413

#1	2079.0	31553.	4273.4	111.06	2275.8
#2	2047.8	32465.	4546.5	115.61	2239.4

Sample Name: J5601-01LX5 Acquired: 10/24/2018 14:30:15 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-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	.00379	-.00125	-.00025	.00077	-.00350	.00905	-.00006	.00009
Stddev	.00159	.00032	.00107	.00428	.00004	.00791	.00025	.00004
%RSD	42.083	25.296	428.42	558.30	1.0090	87.385	391.71	46.112
#1	.00491	-.00147	-.00100	.00379	-.00348	.01464	-.00024	.00012
#2	.00266	-.00102	.00051	-.00226	-.00353	.00346	.00011	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	22.014	-.00132	-.00035	-.00058	.00665	.00233	58.498
Stddev	.00002	.103	.00007	.00029	.00010	.00633	.00000	.487
%RSD	76.963	.46889	5.5842	84.907	17.465	95.169	.07630	.83251
#1	-.00001	21.941	-.00127	-.00014	-.00065	.01112	.00233	58.153
#2	-.00005	22.087	-.00137	-.00056	-.00050	.00217	.00232	58.842
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00037	439.10	.00056	.00018	20.361	.00036	.20220
Stddev	.00011	.00087	6.21	.00026	.00005	.306	.00055	.00212
%RSD	12.394	234.20	1.4148	46.887	30.707	1.5007	151.12	1.0461
#1	-.00084	-.00098	443.49	.00037	.00021	20.145	.00075	.20369
#2	-.00100	.00024	434.71	.00074	.00014	20.577	-.00002	.20070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.292	.23404	-.01456	-.00103	.02192	.0180	.36077	6.0270
Stddev	.191	.00330	.00014	.00066	.00136	.0007	.00445	.1432
%RSD	.43061	1.4100	.98917	63.657	6.2165	3.669	1.2334	2.3761
#1	44.427	.23171	-.01445	-.00150	.02096	.0175	.35763	5.9257
#2	44.157	.23638	-.01466	-.00057	.02289	.0184	.36392	6.1282

Sample Name: J5601-01LX5 Acquired: 10/24/2018 14:30:15 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4175
Stddev	.5872
%RSD	41.427

#1	1.0023
#2	1.8327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.8	35031.	4340.6	114.49	2551.3
Stddev	15.1	115.	47.4	1.80	17.0
%RSD	.69584	.32775	1.0923	1.5692	.66653

#1	2156.1	35112.	4374.1	115.76	2539.3
#2	2177.5	34950.	4307.1	113.22	2563.3

Sample Name: CCV03 Acquired: 10/24/2018 14:34:22 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0852	4.6348	4.7484	4.9470	5.1161	10.623	10.073	.25092
Stddev	.1475	.1167	.1353	.1280	.1553	.072	.028	.00446
%RSD	2.9016	2.5169	2.8499	2.5878	3.0357	.67788	.27643	1.7793
#1	4.9809	4.5524	4.6528	4.8565	5.0063	10.674	10.053	.25408
#2	5.1896	4.7173	4.8441	5.0375	5.2259	10.572	10.092	.24776
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3096	24.029	.95399	2.3662	1.2307	4.6317	2.5079	23.955
Stddev	.0657	.047	.01721	.0646	.0361	.1083	.0374	.233
%RSD	2.8436	.19683	1.8043	2.7307	2.9328	2.3371	1.4917	.97432
#1	2.2631	23.996	.96616	2.3205	1.2052	4.7083	2.5343	23.790
#2	2.3560	24.063	.94182	2.4119	1.2563	4.5552	2.4814	24.121
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2875	1.2556	24.802	2.5195	2.2954	25.208	5.0940	4.6805
Stddev	.0661	.0193	.007	.0432	.0623	.102	.1464	.0170
%RSD	2.8907	1.5408	.02946	1.7149	2.7148	.40294	2.8742	.36250
#1	2.2407	1.2693	24.807	2.5500	2.3394	25.136	4.9905	4.6685
#2	2.3342	1.2420	24.797	2.4889	2.2513	25.280	5.1975	4.6925
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7782	4.7217	4.6541	4.9253	4.9683	4.665	4.9333	4.5163
Stddev	.1316	.0117	.1349	.0280	.0062	.137	.0202	.3912
%RSD	2.7538	.24839	2.8993	.56880	.12556	2.943	.41006	8.6618
#1	4.6851	4.7300	4.5586	4.9055	4.9639	4.568	4.9190	4.7929
#2	4.8712	4.7134	4.7495	4.9451	4.9728	4.762	4.9476	4.2397

Sample Name: CCV03 Acquired: 10/24/2018 14:34:22 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14049 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4185
Stddev	.3851
%RSD	27.152

#1	1.1461
#2	1.6908

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.8	37092.	4448.3	115.51	2855.8
Stddev	52.7	437.	12.2	3.80	64.2
%RSD	2.2473	1.1793	.27388	3.2856	2.2477

#1	2384.1	36783.	4439.7	112.83	2901.2
#2	2309.5	37401.	4456.9	118.19	2810.4

Sample Name: CCB03 Acquired: 10/24/2018 14:46:13 Type: Unk
Method: P4-ICP2(v2523) 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	-.00098	-.00024	-.00240	-.00027	-.00192	.01890	-.00345
Stddev	.00000	.00054	.00173	.00001	.00055	.00428	.00033
%RSD	.20456	220.46	71.828	4.5811	28.430	22.641	9.5463

#1	-.00099	-.00062	-.00362	-.00028	-.00154	.01588	-.00321
#2	-.00098	.00014	-.00118	-.00026	-.00231	.02193	-.00368

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00013	-.00910	.00021	-.00004	.00008	.00511
Stddev	.00009	.00002	.00701	.00043	.00003	.00027	.00163
%RSD	2119.6	16.274	77.092	203.18	83.712	337.98	31.785

#1	.00007	.00012	-.00414	.00052	-.00006	.00027	.00626
#2	-.00006	.00015	-.01406	-.00009	-.00001	-.00011	.00396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00969	.00156	-.00021	F .60077	.00000	-.00002
Stddev	.00001	.00278	.00009	.00073	.00254	.00021	.00009
%RSD	42.957	28.639	6.0491	348.58	.42342	5017.2	362.77

#1	-.00001	-.01166	.00150	.00031	.60257	.00015	.00004
#2	-.00002	-.00773	.00163	-.00072	.59897	-.00014	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25027	-.00008	-.00664	.00067	-.00171	-.00042	.00056
Stddev	.01173	.00002	.00013	.00120	.00006	.00031	.00014
%RSD	4.6866	19.499	1.9557	180.20	3.3835	74.640	25.364

#1	.24198	-.00009	-.00655	.00152	-.00175	-.00064	.00066
#2	.25857	-.00007	-.00673	-.00018	-.00167	-.00020	.00046

Sample Name: CCB03 Acquired: 10/24/2018 14:46:13 Type: Unk
Method: P4-ICP2(v2523) 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	.00084	-.0000	.00026	F .88888	F<.00000
Stddev	.00007	.0008	.00000	.18208	.30216
%RSD	8.9441	1648.	.13087	20.484	31.410

#1	.00089	.0005	.00026	1.0176	-1.1757
#2	.00078	-.0006	.00026	.76013	-.74833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.9	39800.	4504.7	118.84	3105.5
Stddev	15.8	23.	62.2	1.68	20.9
%RSD	.65464	.05663	1.3811	1.4132	.67310

#1	2419.1	39784.	4460.7	117.65	3120.3
#2	2396.8	39816.	4548.6	120.03	3090.7

Sample Name: J5601-01MS Acquired: 10/24/2018 14:50:17 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DW-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	.89333	1.7877	.99535	2.1533	.85775	2.3943	.21714	.23937
Stddev	.00388	.0164	.00663	.0163	.00824	.0143	.00051	.00383
%RSD	.43385	.91583	.66608	.75586	.96046	.59533	.23560	1.5989
#1	.89607	1.7993	1.0000	2.1648	.86357	2.3843	.21678	.23666
#2	.89059	1.7761	.99066	2.1417	.85192	2.4044	.21750	.24207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19816	107.45	.37155	.20264	.28062	2.7420	.20901	296.79
Stddev	.00175	.37	.00529	.00242	.00273	.0311	.00391	1.03
%RSD	.88435	.33990	1.4240	1.1926	.97230	1.1350	1.8729	.34622
#1	.19940	107.71	.36781	.20435	.28255	2.7641	.20624	296.06
#2	.19692	107.19	.37529	.20093	.27869	2.7200	.21177	297.52
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48109	.08255	F 2020.3	.30390	.18718	113.11	.40201	1.2361
Stddev	.00481	.00258	4.6	.00558	.00281	.18	.00301	.0094
%RSD	1.0001	3.1199	.22643	1.8375	1.5010	.16334	.74985	.75879
#1	.48449	.08073	2017.0	.29996	.18916	112.98	.40414	1.2295
#2	.47769	.08438	2023.5	.30785	.18519	113.24	.39987	1.2427
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 243.20	2.0796	.62167	.19552	.26390	7.151	1.9693	8.9133
Stddev	2.54	.0063	.00550	.00455	.00024	.058	.0067	.5839
%RSD	1.0445	.30287	.88535	2.3257	.09182	.8137	.33882	6.5510
#1	244.99	2.0751	.62556	.19231	.26407	7.192	1.9646	8.5004
#2	241.40	2.0840	.61778	.19874	.26373	7.110	1.9740	9.3262

Sample Name: J5601-01MS Acquired: 10/24/2018 14:50:17 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0750
Stddev	.3228
%RSD	6.3604

#1	4.8468
#2	5.3033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.1	32665.	4235.7	111.07	2248.6
Stddev	13.9	537.	11.7	1.29	20.1
%RSD	.66542	1.6443	.27564	1.1630	.89505

#1	2073.3	33045.	4244.0	110.16	2234.4
#2	2092.9	32285.	4227.5	111.99	2262.8

Sample Name: J5601-01MSD Acquired: 10/24/2018 14:54:11 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87606	1.7316	.97331	2.1106	.84824	2.3422	.21904	.23424
Stddev	.00133	.0144	.00596	.0266	.00625	.0274	.00437	.00092
%RSD	.15130	.83084	.61194	1.2585	.73641	1.1693	1.9970	.39468
#1	.87700	1.7418	.97752	2.1294	.85266	2.3616	.22213	.23359
#2	.87512	1.7214	.96910	2.0918	.84382	2.3229	.21595	.23490
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19303	106.66	.36173	.19738	.27516	2.7330	.20451	296.38
Stddev	.00192	2.51	.00111	.00267	.00122	.0855	.00052	5.40
%RSD	.99631	2.3552	.30657	1.3520	.44293	3.1270	.25587	1.8204
#1	.19439	108.43	.36095	.19927	.27602	2.7935	.20414	300.19
#2	.19167	104.88	.36251	.19550	.27429	2.6726	.20488	292.56
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46928	.08040	F 1981.7	.29692	.18620	113.22	.39421	1.2212
Stddev	.00315	.00085	42.9	.00024	.00748	2.17	.00352	.0231
%RSD	.67152	1.0544	2.1629	.08049	4.0159	1.9135	.89320	1.8875
#1	.47151	.07980	2012.0	.29709	.19148	114.75	.39670	1.2375
#2	.46705	.08100	1951.4	.29675	.18091	111.69	.39172	1.2049
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 237.02	2.0911	.60747	.19750	.26503	6.962	1.9744	8.6923
Stddev	1.27	.0381	.00546	.00260	.00499	.036	.0337	.0978
%RSD	.53704	1.8231	.89923	1.3146	1.8820	.5162	1.7060	1.1253
#1	237.92	2.1180	.61133	.19933	.26856	6.987	1.9982	8.6231
#2	236.12	2.0641	.60361	.19566	.26150	6.936	1.9505	8.7615

Sample Name: J5601-01MSD Acquired: 10/24/2018 14:54:11 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-03 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2070
Stddev	.0250
%RSD	.47978

#1	5.1893
#2	5.2246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.2	32851.	4189.2	110.16	2270.9
Stddev	5.6	62.	76.7	3.64	4.9
%RSD	.26965	.18839	1.8314	3.3040	.21558

#1	2089.2	32807.	4134.9	107.58	2267.4
#2	2097.2	32895.	4243.4	112.73	2274.3

Sample Name: J5601-01A Acquired: 10/24/2018 14:58:07 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DW-04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88706	1.7504	.97840	2.1426	.85601	2.3327	.21503	.22820
Stddev	.00036	.0058	.00602	.0091	.00198	.1057	.00072	.01159
%RSD	.04031	.33156	.61564	.42616	.23113	4.5307	.33444	5.0783
#1	.88681	1.7545	.98266	2.1491	.85741	2.2580	.21554	.22000
#2	.88731	1.7463	.97414	2.1362	.85461	2.4074	.21452	.23639
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19401	104.18	.35302	.19877	.27641	2.7083	.20059	289.26
Stddev	.00093	1.18	.01919	.00089	.00001	.0535	.01034	1.27
%RSD	.47743	1.1344	5.4346	.44570	.00369	1.9766	5.1547	.44025
#1	.19467	103.34	.33946	.19940	.27641	2.7462	.19328	288.36
#2	.19336	105.02	.36659	.19815	.27640	2.6705	.20791	290.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47455	.07786	F 1917.4	.29238	.18339	111.00	.39903	1.1959
Stddev	.00328	.00369	10.3	.01407	.00235	.36	.00144	.0012
%RSD	.69094	4.7406	.53954	4.8106	1.2839	.32356	.36013	.10389
#1	.47686	.07525	1910.1	.28244	.18506	110.74	.40005	1.1968
#2	.47223	.08047	1924.8	.30233	.18173	111.25	.39802	1.1950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 239.99	2.0185	.61372	.19374	.26053	7.027	1.9315	8.3974
Stddev	.40	.0205	.00241	.00516	.00188	.012	.0011	1.8233
%RSD	.16585	1.0140	.39251	2.6624	.72250	.1679	.05718	21.713
#1	240.27	2.0041	.61542	.19009	.26187	7.035	1.9307	7.1081
#2	239.71	2.0330	.61202	.19739	.25920	7.018	1.9323	9.6867

Sample Name: J5601-01A Acquired: 10/24/2018 14:58:07 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DW-04 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0589
Stddev	.1837
%RSD	3.6316

#1	4.9290
#2	5.1888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.5	33341.	4286.6	111.35	2249.3
Stddev	4.1	1564.	27.9	1.44	4.7
%RSD	.19791	4.6896	.65087	1.2967	.20827

#1	2068.6	34446.	4306.4	110.33	2246.0
#2	2074.4	32235.	4266.9	112.37	2252.6

Sample Name: PB114128BS Acquired: 10/24/2018 15:11:56 Type: Unk
Method: P4-ICP2(v2523) 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	.76222	1.7666	.89217	1.8834	.78371	1.9153	.19231
Stddev	.00632	.0086	.00990	.0118	.00583	.0043	.00210
%RSD	.82972	.48788	1.1100	.62403	.74338	.22185	1.0936

#1	.75774	1.7606	.88517	1.8751	.77959	1.9123	.19083
#2	.76669	1.7727	.89917	1.8917	.78783	1.9183	.19380

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18133	.17273	.92759	.35066	.18003	.29663	2.6245
Stddev	.00001	.00165	.00556	.00171	.00133	.00177	.0265
%RSD	.00417	.95809	.59964	.48800	.74037	.59559	1.0084

#1	.18132	.17156	.93152	.34945	.17909	.29538	2.6433
#2	.18133	.17390	.92366	.35187	.18097	.29788	2.6058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19049	1.8123	.43659	.06610	4.0349	.28221	.17545
Stddev	.00032	.0125	.00366	.00005	.0208	.00007	.00212
%RSD	.16928	.69056	.83719	.08051	.51528	.02398	1.2091

#1	.19026	1.8035	.43400	.06614	4.0202	.28216	.17695
#2	.19072	1.8212	.43917	.06607	4.0496	.28225	.17395

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7599	.40268	.26670	.00104	.87357	.61822	.19022
Stddev	.0339	.00452	.00249	.00079	.00681	.00267	.00036
%RSD	.34694	1.1225	.93334	75.690	.77948	.43168	.19008

#1	9.7359	.39948	.26846	.00160	.86876	.61633	.19047
#2	9.7838	.40587	.26494	.00049	.87838	.62011	.18996

Sample Name: PB114128BS Acquired: 10/24/2018 15:11:56 Type: Unk
 Method: P4-ICP2(v2523) 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	.19370	4.911	.18715	1.4173	F<.00000
Stddev	.00040	.019	.00063	.1137	.59013
%RSD	.20717	.3800	.33529	8.0205	19.368

#1	.19399	4.897	.18670	1.4976	-3.4642
#2	.19342	4.924	.18759	1.3369	-2.6296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.6	39319.	4444.3	119.63	3025.3
Stddev	13.8	26.	22.0	1.70	14.6
%RSD	.58577	.06673	.49503	1.4235	.48184

#1	2364.4	39301.	4459.9	118.43	3035.6
#2	2344.9	39338.	4428.8	120.83	3015.0

Sample Name: J4768-01 Acquired: 10/24/2018 15:15:48 Type: Unk
Method: P4-ICP2(v2523) 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	.00718	-.01294	.02141	.05811	.00564	140.11	.10294
Stddev	.00089	.00020	.00138	.00315	.00045	.13	.00046
%RSD	12.374	1.5175	6.4554	5.4243	8.0687	.09402	.44253

#1	.00781	-.01280	.02043	.06034	.00532	140.20	.10327
#2	.00655	-.01308	.02238	.05588	.00596	140.01	.10262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	.00497	130.16	.05352	.19137	.77457	297.11
Stddev	.00018	.00083	.45	.00010	.00084	.00049	7.07
%RSD	8.1454	16.776	.34372	.18143	.43698	.06387	2.3802

#1	-.00237	.00438	130.48	.05359	.19196	.77422	302.11
#2	-.00211	.00556	129.84	.05345	.19078	.77492	292.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6641	72.532	.16439	.00195	23.838	.97598	.40336
Stddev	.0013	.094	.00016	.00057	.053	.00230	.01093
%RSD	.07898	.12911	.10037	29.387	.22109	.23518	2.7110

#1	1.6650	72.466	.16427	.00235	23.876	.97760	.41109
#2	1.6632	72.599	.16451	.00154	23.801	.97435	.39562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7034	.02334	.46760	7.6258	6.9595	.01598	4.2433
Stddev	.0235	.00013	.01521	.0132	.1496	.00157	.0025
%RSD	.87068	.54508	3.2535	.17257	2.1499	9.8331	.05843

#1	2.6867	.02325	.47836	7.6351	6.8537	.01709	4.2451
#2	2.7200	.02343	.45684	7.6165	7.0653	.01487	4.2416

Sample Name: J4768-01 Acquired: 10/24/2018 15:15:48 Type: Unk
 Method: P4-ICP2(v2523) 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	.03395	7.743	.31968	<.00000	F<.00000
Stddev	.00016	.026	.00007	.18361	.42538
%RSD	.47430	.3358	.02220	3.1757	.42131

#1	.03383	7.762	.31963	-5.6519	-101.27
#2	.03406	7.725	.31973	-5.9115	-100.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2603.5	43546.	5201.4	110.09	2600.5
Stddev	7.0	65.	13.4	3.18	9.0
%RSD	.26967	.14943	.25736	2.8872	.34649

#1	2598.5	43500.	5191.9	107.84	2594.1
#2	2608.5	43592.	5210.8	112.34	2606.9

Sample Name: J4768-03 Acquired: 10/24/2018 15:19:47 Type: Unk
Method: P4-ICP2(v2523) 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	.03911	-.01831	1.0385	.05012	.00778	170.01	.70214
Stddev	.00221	.00230	.0101	.00193	.00144	.86	.00921
%RSD	5.6602	12.589	.97080	3.8448	18.477	.50717	1.3113

#1	.04067	-.01994	1.0456	.05148	.00677	170.62	.70865
#2	.03754	-.01668	1.0314	.04875	.00880	169.40	.69563

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00952	146.38	.20330	.15164	.85048	288.55
Stddev	.00013	.00046	1.56	.00141	.00169	.01239	.04
%RSD	116.06	4.8396	1.0653	.69424	1.1161	1.4564	.01545

#1	.00002	.00984	147.48	.20230	.15283	.85924	288.58
#2	.00020	.00919	145.27	.20430	.15044	.84172	288.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8362	80.121	.21373	.00295	18.904	.51379	1.8571
Stddev	.0069	.538	.00250	.00006	.198	.00371	.0006
%RSD	.24470	.67187	1.1693	2.0260	1.0499	.72116	.03309

#1	2.8313	80.502	.21550	.00299	19.044	.51117	1.8567
#2	2.8411	79.740	.21196	.00290	18.764	.51641	1.8576

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.043	.03212	.44794	F 11.891	3.9271	.10883	4.7172
Stddev	.131	.00049	.00887	.149	.1021	.00269	.0445
%RSD	1.3062	1.5188	1.9808	1.2508	2.5999	2.4716	.94326

#1	10.136	.03246	.44167	11.996	3.8549	.11073	4.7487
#2	9.9503	.03177	.45422	11.786	3.9993	.10693	4.6858

Sample Name: J4768-03 Acquired: 10/24/2018 15:19:47 Type: Unk
 Method: P4-ICP2(v2523) 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	.09813	6.119	.61472	<.00000	F<.00000
Stddev	.00165	.044	.00655	.06930	.15412
%RSD	1.6865	.7152	1.0662	1.7662	.15405

#1	.09930	6.150	.61935	-3.8746	-99.935
#2	.09696	6.088	.61009	-3.9726	-100.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.5	41572.	5049.5	111.34	2555.5
Stddev	26.8	88.	38.8	.02	25.8
%RSD	1.0834	.21117	.76928	.01951	1.0114

#1	2458.5	41510.	5022.0	111.36	2537.2
#2	2496.4	41634.	5077.0	111.32	2573.8

Sample Name: J4771-07 Acquired: 10/24/2018 15:23:44 Type: Unk
Method: P4-ICP2(v2523) 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	.05676	-.01048	.29655	.05333	.00405	204.94	.52422
Stddev	.00065	.00011	.00028	.00442	.00141	.53	.00264
%RSD	1.1418	1.0085	.09554	8.2811	34.733	.26084	.50314

#1	.05721	-.01041	.29635	.05645	.00305	205.31	.52235
#2	.05630	-.01056	.29675	.05021	.00504	204.56	.52608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00671	.00599	18.680	.90832	.10638	.39852	287.44
Stddev	.00005	.00063	.008	.00333	.00058	.00038	6.31
%RSD	.70357	10.486	.04195	.36711	.54664	.09435	2.1941

#1	.00675	.00643	18.674	.90596	.10597	.39878	282.99
#2	.00668	.00554	18.685	.91068	.10679	.39825	291.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4378	32.933	.23776	.00232	5.2216	.76672	.80875
Stddev	.0039	.084	.00096	.00042	.0149	.00185	.01766
%RSD	.15936	.25408	.40322	17.990	.28433	.24189	2.1840

#1	2.4350	32.874	.23709	.00203	5.2111	.76541	.79626
#2	2.4405	32.993	.23844	.00262	5.2321	.76803	.82124

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.880	.00308	.32674	2.5232	5.8366	.03142	3.0397
Stddev	.037	.00001	.00770	.0019	.0716	.00044	.0118
%RSD	.30984	.26707	2.3551	.07394	1.2258	1.3895	.38691

#1	11.854	.00307	.32130	2.5245	5.7860	.03111	3.0314
#2	11.906	.00308	.33218	2.5219	5.8872	.03173	3.0480

Sample Name: J4771-07 Acquired: 10/24/2018 15:23:44 Type: Unk
Method: P4-ICP2(v2523) 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	.17928	3.960	.09606	<.00000	F<.00000
Stddev	.00223	.017	.00009	.22116	1.7446
%RSD	1.2463	.4353	.09178	3.2494	1.6611

#1	.17770	3.948	.09612	-6.9626	-103.79
#2	.18086	3.972	.09600	-6.6499	-106.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.1	43843.	5249.9	114.43	2726.2
Stddev	8.8	7.	39.2	2.39	1.9
%RSD	.33168	.01677	.74747	2.0928	.06940

#1	2638.9	43838.	5277.7	116.12	2724.8
#2	2651.3	43848.	5222.2	112.73	2727.5

Sample Name: J5198-21 Acquired: 10/24/2018 15:28:52 Type: Unk
Method: P4-ICP2(v2523) 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	.02424	-.01165	.47987	.04739	.00395	147.99	.86378
Stddev	.00502	.00132	.00296	.00167	.00056	.14	.00071
%RSD	20.703	11.343	.61629	3.5240	14.234	.09327	.08182

#1	.02779	-.01259	.48196	.04621	.00435	147.89	.86328
#2	.02069	-.01072	.47778	.04857	.00355	148.09	.86428

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	.00521	63.564	.18986	.13511	.48421	259.86
Stddev	.00005	.00044	.509	.00189	.00022	.00032	3.25
%RSD	1.6618	8.4157	.80068	.99547	.16595	.06642	1.2525

#1	.00319	.00552	63.204	.18852	.13495	.48444	257.56
#2	.00312	.00490	63.924	.19119	.13527	.48398	262.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7871	56.906	.24743	.00155	11.981	.35771	.77329
Stddev	.0177	.125	.00138	.00029	.051	.00381	.01149
%RSD	.46883	.21905	.55630	18.425	.42338	1.0656	1.4856

#1	3.7745	56.817	.24646	.00135	11.945	.35502	.76517
#2	3.7996	56.994	.24841	.00175	12.017	.36041	.78141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.046	.00438	.21319	F 12.237	4.8238	.03140	3.1442
Stddev	.051	.00044	.00564	.012	.0508	.00076	.0025
%RSD	.34152	10.036	2.6450	.09622	1.0540	2.4087	.07986

#1	15.009	.00407	.21717	12.229	4.8598	.03193	3.1460
#2	15.082	.00469	.20920	12.246	4.7879	.03086	3.1424

Sample Name: J5198-21 Acquired: 10/24/2018 15:28:52 Type: Unk
 Method: P4-ICP2(v2523) 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	.18736	8.442	.27237	<.00000	F<.00000
Stddev	.00133	.006	.00045	.18501	.66208
%RSD	.70929	.0736	.16401	3.1014	.76661

#1	.18642	8.437	.27206	-5.8343	-86.832
#2	.18830	8.446	.27269	-6.0959	-85.896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.5	44087.	5311.0	114.04	2680.4
Stddev	9.5	74.	25.5	1.67	14.1
%RSD	.35731	.16684	.47949	1.4652	.52432

#1	2640.8	44139.	5329.0	115.22	2670.5
#2	2654.2	44035.	5293.0	112.86	2690.3

Sample Name: J5198-23 Acquired: 10/24/2018 15:32:50 Type: Unk
Method: P4-ICP2(v2523) 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	.04914	-.01704	3.6635	.06459	.02528	158.90	2.8296
Stddev	.00253	.00212	.0090	.00135	.00123	.27	.0056
%RSD	5.1478	12.433	.24675	2.0849	4.8607	.16766	.19798

#1	.04735	-.01853	3.6571	.06364	.02615	158.71	2.8335
#2	.05093	-.01554	3.6699	.06554	.02441	159.08	2.8256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	.01691	68.579	.24151	.12627	2.2097	319.17
Stddev	.00023	.00039	.059	.00124	.00009	.0015	6.07
%RSD	7.6352	2.3186	.08675	.51260	.07272	.06925	1.9010

#1	.00285	.01719	68.621	.24063	.12620	2.2086	314.88
#2	.00317	.01663	68.537	.24238	.12633	2.2108	323.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7236	42.148	.56042	.01172	8.8004	.37602	3.8638
Stddev	.0001	.117	.00092	.00059	.0026	.00153	.0697
%RSD	.00238	.27707	.16495	5.0465	.02912	.40749	1.8032

#1	3.7235	42.230	.56107	.01131	8.7985	.37494	3.8146
#2	3.7236	42.065	.55977	.01214	8.8022	.37711	3.9131

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.838	.01324	.27349	F 11.471	5.2306	.54831	3.2353
Stddev	.023	.00005	.00137	.003	.0590	.00047	.0196
%RSD	.21221	.35508	.49948	.02827	1.1289	.08639	.60528

#1	10.822	.01320	.27253	11.469	5.2723	.54798	3.2491
#2	10.855	.01327	.27446	11.473	5.1888	.54865	3.2214

Sample Name: J5198-23 Acquired: 10/24/2018 15:32:50 Type: Unk
Method: P4-ICP2(v2523) 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	.15536	F 11.12	.37633	<.00000	F<.00000
Stddev	.00013	.01	.00057	.65844	2.6353
%RSD	.08487	.1251	.15109	7.7158	2.1830

#1	.15527	11.11	.37674	-8.0681	-122.58
#2	.15545	11.13	.37593	-8.9992	-118.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.2	45633.	5513.6	113.54	2636.1
Stddev	2.7	162.	22.3	1.79	.5
%RSD	.09843	.35470	.40380	1.5751	.01912

#1	2722.3	45519.	5497.8	114.80	2636.5
#2	2726.0	45748.	5529.3	112.28	2635.8

Sample Name: J5198-25 Acquired: 10/24/2018 15:36:47 Type: Unk
Method: P4-ICP2(v2523) 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	.02734	-.01449	.86104	.04555	.00285	135.61	1.1234
Stddev	.00416	.00171	.00608	.00317	.00090	.58	.0001
%RSD	15.224	11.822	.70632	6.9637	31.543	.42518	.01114

#1	.03028	-.01328	.86534	.04779	.00349	135.20	1.1235
#2	.02440	-.01570	.85673	.04331	.00221	136.02	1.1233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	.00597	59.855	.15965	.11642	.45562	242.79
Stddev	.00008	.00005	.712	.00184	.00058	.00178	1.53
%RSD	2.9480	.88634	1.1893	1.1526	.50118	.39010	.62959

#1	.00265	.00594	59.352	.15835	.11683	.45687	243.87
#2	.00254	.00601	60.359	.16095	.11601	.45436	241.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9644	42.590	.19291	.00279	8.3551	.42831	.76028
Stddev	.0100	.032	.00223	.00050	.0011	.00241	.00326
%RSD	.25263	.07591	1.1575	17.877	.01349	.56290	.42934

#1	3.9573	42.567	.19449	.00314	8.3559	.42660	.76258
#2	3.9715	42.612	.19133	.00243	8.3543	.43001	.75797

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9781	.00212	.23149	4.6299	2.6585	.05119	3.1781
Stddev	.0199	.00013	.00576	.0186	.0159	.00036	.0044
%RSD	.24902	5.9793	2.4895	.40083	.59729	.71072	.13768

#1	7.9640	.00221	.23557	4.6430	2.6472	.05145	3.1751
#2	7.9921	.00203	.22742	4.6168	2.6697	.05093	3.1812

Sample Name: J5198-25 Acquired: 10/24/2018 15:36:47 Type: Unk
 Method: P4-ICP2(v2523) 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	.12752	5.878	.22495	<.00000	F<.00000
Stddev	.00049	.044	.00044	.01938	1.2041
%RSD	.38674	.7550	.19569	.30619	1.4910

#1	.12718	5.909	.22526	-6.3170	-81.608
#2	.12787	5.847	.22464	-6.3444	-79.905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.3	44499.	5350.9	114.79	2683.8
Stddev	13.4	58.	15.5	.76	17.5
%RSD	.50682	.13021	.28943	.65822	.65368

#1	2633.9	44540.	5361.8	114.26	2671.4
#2	2652.8	44458.	5339.9	115.33	2696.2

Sample Name: PB114128BL Acquired: 10/24/2018 15:40:43 Type: Unk
Method: P4-ICP2(v2523) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00065	-.00131	.00083	-.00314	.00683	-.00389
Stddev	.00341	.00057	.00017	.00346	.00229	.00019	.00004
%RSD	220.68	87.570	12.914	415.32	72.795	2.7742	1.0643

#1	-.00087	-.00106	-.00119	.00328	-.00153	.00697	-.00392
#2	.00395	-.00025	-.00143	-.00161	-.00476	.00670	-.00386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00016	-.00961	-.00032	-.00004	-.00020	.00265
Stddev	.00012	.00002	.00151	.00011	.00002	.00029	.00476
%RSD	649.77	12.084	15.747	35.137	35.879	142.88	179.77

#1	.00007	.00018	-.01068	-.00039	-.00006	.00000	.00601
#2	-.00010	.00015	-.00854	-.00024	-.00003	-.00041	-.00072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.03467	.00151	-.00037	.27206	-.00027	-.00026
Stddev	.00004	.03806	.00033	.00064	.01117	.00047	.00006
%RSD	79.372	109.80	22.016	174.54	4.1046	175.15	22.308

#1	-.00007	-.00775	.00174	.00009	.26416	-.00059	-.00030
#2	-.00002	-.06158	.00127	-.00082	.27996	.00006	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11836	.00016	-.00330	F .00718	.00790	-.00012	-.00017
Stddev	.01484	.00031	.00318	.00297	.00611	.00007	.00004
%RSD	12.535	193.90	96.219	41.348	77.304	60.519	22.906

#1	.12885	.00038	-.00106	.00927	.01222	-.00017	-.00014
#2	.10787	-.00006	-.00555	.00508	.00358	-.00007	-.00020

Sample Name: PB114128BL Acquired: 10/24/2018 15:40:43 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PA-SB-01B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.0028	.00018	F 1.7937	F<.00000
Stddev	.00036	.0016	.00007	.1676	.24133
%RSD	128.38	56.56	39.651	9.3418	12.868

#1	.00054	-.0017	.00013	1.6752	-2.0461
#2	.00003	-.0040	.00023	1.9122	-1.7048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.7	39658.	4458.2	119.88	3052.2
Stddev	12.0	77.	23.5	1.71	11.7
%RSD	.51234	.19533	.52816	1.4304	.38329

#1	2341.2	39713.	4441.6	121.09	3043.9
#2	2358.2	39604.	4474.9	118.67	3060.4

Sample Name: CCV04 Acquired: 10/24/2018 15:44:47 Type: Unk
Method: P4-ICP2(v2523) 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	5.4026	4.8189	4.9852	5.2181	5.4022	10.641	10.335	.24784
Stddev	.0084	.0076	.0141	.0162	.0116	.114	.001	.00059
%RSD	.15628	.15840	.28268	.31013	.21407	1.0739	.00989	.23919
#1	5.3967	4.8135	4.9752	5.2067	5.4104	10.560	10.335	.24742
#2	5.4086	4.8243	4.9951	5.2295	5.3940	10.721	10.336	.24826
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4117	24.882	.92375	2.4787	1.2901	4.7254	2.4619	24.505
Stddev	.0052	.029	.00041	.0027	.0005	.1511	.0038	.133
%RSD	.21706	.11672	.04452	.11114	.04183	3.1970	.15427	.54216
#1	2.4080	24.861	.92404	2.4767	1.2905	4.6186	2.4592	24.599
#2	2.4154	24.902	.92346	2.4806	1.2898	4.8322	2.4645	24.411
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3853	1.2271	24.179	2.4699	2.3206	25.363	5.3683	4.7617
Stddev	.0003	.0036	.074	.0052	.0522	.060	.0002	.0159
%RSD	.01183	.29312	.30753	.20857	2.2504	.23795	.00370	.33486
#1	2.3851	1.2297	24.127	2.4662	2.2836	25.321	5.3682	4.7505
#2	2.3855	1.2246	24.232	2.4735	2.3575	25.406	5.3684	4.7730
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0153	4.8047	4.8802	5.0365	5.0818	4.883	5.0425	F 4.4094
Stddev	.0015	.0021	.0253	.0115	.0102	.005	.0020	.2223
%RSD	.02944	.04281	.51918	.22862	.19985	.0984	.04010	5.0415
#1	5.0164	4.8062	4.8623	5.0447	5.0746	4.880	5.0410	4.2522
#2	5.0143	4.8033	4.8981	5.0284	5.0890	4.887	5.0439	4.5666

Sample Name: CCV04 Acquired: 10/24/2018 15:44:47 Type: Unk
Method: P4-ICP2(v2523) 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 1.4733
Stddev .3486
%RSD 23.659

#1 1.2269
#2 1.7198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.8	37977.	4440.2	115.95	2769.1
Stddev	5.7	59.	11.0	2.38	4.9
%RSD	.25265	.15571	.24749	2.0505	.17779

#1	2255.8	38018.	4432.5	117.63	2765.6
#2	2263.8	37935.	4448.0	114.27	2772.6

Sample Name: CCB04 Acquired: 10/24/2018 15:48:30 Type: Unk
Method: P4-ICP2(v2523) 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	-.00186	-.00038	-.00237	.00114	-.00187	.01314	-.00325
Stddev	.00022	.00097	.00048	.00027	.00030	.00635	.00042
%RSD	11.991	253.30	20.052	24.128	16.304	48.314	12.810

#1	-.00201	.00030	-.00271	.00133	-.00165	.00865	-.00354
#2	-.00170	-.00106	-.00204	.00095	-.00208	.01763	-.00295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	-.00004	-.00064	.00006	.00033	.01337
Stddev	.00003	.00000	.01655	.00030	.00021	.00046	.00205
%RSD	76.250	7.6532	42680.	46.804	332.25	140.51	15.307

#1	.00005	.00006	-.01174	-.00085	.00021	.00065	.01192
#2	.00002	.00007	.01166	-.00043	-.00008	.00000	.01482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.03302	.00135	-.00000	.15396	-.00003	-.00027
Stddev	.00001	.00182	.00006	.00022	.02621	.00001	.00001
%RSD	51.837	5.5087	4.7571	5066.6	17.022	20.381	4.3099

#1	-.00001	-.03174	.00131	.00015	.13543	-.00003	-.00026
#2	-.00003	-.03431	.00140	-.00016	.17249	-.00002	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08257	.00058	.00117	.00139	.00269	.00035	.00046
Stddev	.02639	.00025	.00186	.00171	.00041	.00039	.00092
%RSD	31.961	43.341	159.51	123.05	15.109	110.67	200.40

#1	.06391	.00076	-.00015	.00018	.00241	.00008	-.00019
#2	.10123	.00040	.00248	.00259	.00298	.00063	.00111

Sample Name: CCB04 Acquired: 10/24/2018 15:48:30 Type: Unk
 Method: P4-ICP2(v2523) 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	-.00104	-.0004	.00017	F 1.8250	F<.00000
Stddev	.00026	.0019	.00010	.4075	.38170
%RSD	25.300	438.6	62.440	22.326	26.577

#1	-.00122	.0009	.00024	1.5369	-1.7061
#2	-.00085	-.0018	.00009	2.1131	-1.1663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.3	39718.	4465.3	120.83	3087.2
Stddev	22.7	100.	28.1	1.50	26.9
%RSD	.95844	.25271	.62882	1.2387	.87175

#1	2357.2	39788.	4485.1	121.89	3068.2
#2	2389.4	39647.	4445.4	119.78	3106.2

Sample Name: J5198-27 Acquired: 10/24/2018 15:52:33 Type: Unk
Method: P4-ICP2(v2523) 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	.02611	-.01458	.69553	.05341	.00101	164.67	.78492
Stddev	.00120	.00027	.00366	.00626	.00011	.26	.00342
%RSD	4.6108	1.8797	.52638	11.727	10.844	.15969	.43619

#1	.02526	-.01477	.69812	.05784	.00093	164.48	.78250
#2	.02697	-.01439	.69294	.04898	.00109	164.85	.78734

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	.00628	56.576	.17283	.13389	.50009	277.97
Stddev	.00006	.00005	.556	.00034	.00064	.00047	1.62
%RSD	1.7935	.77288	.98204	.19619	.47916	.09372	.58456

#1	.00336	.00625	56.183	.17307	.13435	.50042	279.12
#2	.00328	.00632	56.969	.17259	.13344	.49976	276.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4438	43.265	.21717	.00368	11.904	.38490	.81464
Stddev	.0058	.062	.00074	.00106	.008	.00008	.00095
%RSD	.13027	.14284	.33991	28.682	.06703	.02199	.11647

#1	4.4397	43.309	.21770	.00443	11.899	.38496	.81531
#2	4.4479	43.221	.21665	.00293	11.910	.38484	.81396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.189	.00631	.22208	7.7787	3.0535	.03566	2.7397
Stddev	.058	.00006	.00735	.0099	.0496	.00051	.0000
%RSD	.56501	.94490	3.3107	.12759	1.6249	1.4174	.00021

#1	10.148	.00626	.22728	7.7857	3.0185	.03602	2.7397
#2	10.230	.00635	.21688	7.7717	3.0886	.03530	2.7397

Sample Name: J5198-27 Acquired: 10/24/2018 15:52:33 Type: Unk
 Method: P4-ICP2(v2523) 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	.15147	6.043	.27579	<.00000	F<.00000
Stddev	.00034	.006	.00013	.19527	1.2215
%RSD	.22503	.0940	.04685	2.9341	1.2118

#1	.15123	6.039	.27588	-6.7931	-99.939
#2	.15172	6.047	.27570	-6.5170	-101.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.2	44976.	5394.8	114.29	2698.5
Stddev	13.0	24.	38.3	.17	20.9
%RSD	.48429	.05359	.70937	.15243	.77470

#1	2669.0	44993.	5421.9	114.16	2683.7
#2	2687.4	44959.	5367.7	114.41	2713.3

Sample Name: J5198-29 Acquired: 10/24/2018 15:56:28 Type: Unk
Method: P4-ICP2(v2523) 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	.05644	-.01586	5.1931	.05948	.03345	130.57	3.1863
Stddev	.00030	.00349	.0056	.00072	.00313	.34	.0336
%RSD	.52854	21.980	.10733	1.2066	9.3579	.26374	1.0553

#1	.05623	-.01340	5.1892	.05897	.03566	130.82	3.2101
#2	.05665	-.01833	5.1970	.05999	.03124	130.33	3.1625

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.01896	112.30	.23715	.15179	1.9020	319.83
Stddev	.00004	.00064	1.35	.00284	.00010	.0053	5.41
%RSD	1.8783	3.3936	1.1982	1.1968	.06527	.27977	1.6925

#1	.00220	.01851	113.26	.23514	.15172	1.8982	323.66
#2	.00215	.01942	111.35	.23916	.15186	1.9057	316.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9297	55.293	.31997	.01414	11.382	.37766	6.5769
Stddev	.0189	.273	.00201	.00145	.105	.00141	.0930
%RSD	.48192	.49426	.62783	10.291	.92148	.37382	1.4146

#1	3.9164	55.486	.31855	.01516	11.456	.37666	6.6427
#2	3.9431	55.100	.32139	.01311	11.308	.37866	6.5111

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.616	.01685	.27671	F 10.269	3.3779	.69661	3.9575
Stddev	.219	.00062	.01605	.001	.0195	.00011	.0070
%RSD	1.4040	3.6569	5.7996	.00506	.57686	.01606	.17618

#1	15.771	.01729	.28805	10.269	3.3642	.69653	3.9525
#2	15.461	.01641	.26536	10.269	3.3917	.69668	3.9624

Sample Name: J5198-29 Acquired: 10/24/2018 15:56:28 Type: Unk
Method: P4-ICP2(v2523) 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	.17162	F 16.17	.50107	<.00000	F<.00000
Stddev	.00080	.01	.00530	.17392	1.0676
%RSD	.46636	.0846	1.0576	2.0342	.85613

#1	.17106	16.16	.50481	-8.4271	-125.45
#2	.17219	16.18	.49732	-8.6730	-123.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.2	45800.	5520.4	112.73	2591.9
Stddev	.5	19.	43.7	1.84	2.7
%RSD	.01736	.04096	.79244	1.6319	.10507

#1	2689.9	45787.	5489.4	111.42	2590.0
#2	2690.6	45813.	5551.3	114.03	2593.9

Sample Name: J5198-29DUP Acquired: 10/24/2018 16:00:23 Type: Unk
Method: P4-ICP2(v2523) 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	.05605	-.01702	5.0938	.06041	.03219	129.14	3.0921
Stddev	.00013	.00177	.0161	.00326	.00097	1.44	.0003
%RSD	.22911	10.375	.31568	5.4027	3.0005	1.1132	.01090

#1	.05614	-.01827	5.0824	.05810	.03287	128.12	3.0924
#2	.05596	-.01577	5.1052	.06271	.03151	130.15	3.0919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	.01902	112.99	.23152	.14934	1.8473	308.17
Stddev	.00004	.00079	.49	.00079	.00128	.0072	10.26
%RSD	2.2635	4.1393	.43349	.33917	.85559	.38965	3.3297

#1	.00185	.01958	113.33	.23097	.14844	1.8422	300.91
#2	.00191	.01847	112.64	.23208	.15025	1.8524	315.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8543	54.373	.31222	.01245	10.838	.37094	6.7108
Stddev	.0243	.406	.00256	.00075	.003	.00337	.1576
%RSD	.62947	.74713	.82028	5.9891	.02561	.90879	2.3477

#1	3.8371	54.660	.31041	.01192	10.836	.36856	6.5994
#2	3.8714	54.085	.31403	.01297	10.840	.37332	6.8222

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.403	.01751	.26869	F 10.238	3.2475	.68377	3.9090
Stddev	.045	.00026	.01941	.055	.0843	.00651	.0205
%RSD	.29144	1.4586	7.2227	.53530	2.5959	.95138	.52349

#1	15.371	.01769	.25497	10.199	3.3071	.67917	3.8945
#2	15.434	.01733	.28241	10.277	3.1879	.68837	3.9234

Sample Name: J5198-29DUP Acquired: 10/24/2018 16:00:23 Type: Unk
Method: P4-ICP2(v2523) 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	.16884	F 15.83	.49126	<.00000	F<.00000
Stddev	.00154	.08	.00014	.19783	2.2130
%RSD	.91029	.4808	.02827	2.3958	1.8312

#1	.16775	15.77	.49116	-8.3974	-122.42
#2	.16993	15.88	.49136	-8.1176	-119.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.6	45776.	5564.0	115.23	2609.5
Stddev	7.3	267.	37.5	2.97	.3
%RSD	.26975	.58380	.67409	2.5780	.01126

#1	2692.5	45965.	5537.4	117.33	2609.7
#2	2702.8	45587.	5590.5	113.13	2609.3

Sample Name: J5198-29LX5 Acquired: 10/24/2018 16:04:19 Type: Unk
Method: P4-ICP2(v2523) 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	.01006	-.00301	1.0425	.00939	.00501	29.236	.72907
Stddev	.00175	.00016	.0029	.00117	.00072	.021	.00791
%RSD	17.432	5.2196	.27348	12.413	14.471	.07338	1.0854

#1	.01129	-.00290	1.0445	.01021	.00552	29.221	.72347
#2	.00882	-.00312	1.0405	.00856	.00450	29.251	.73466

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00301	26.800	.05645	.02913	.46494	62.696
Stddev	.00007	.00018	.279	.00018	.00004	.00111	2.276
%RSD	1163.9	6.0271	1.0409	.32558	.12288	.23835	3.6302

#1	.00006	.00314	26.603	.05632	.02916	.46573	61.086
#2	-.00005	.00288	26.998	.05658	.02911	.46416	64.305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94872	12.879	.06263	.00130	2.5836	.08848	1.4315
Stddev	.00526	.153	.00056	.00041	.0024	.00051	.0447
%RSD	.55490	1.1902	.90178	31.258	.09080	.57400	3.1236

#1	.94500	12.771	.06303	.00101	2.5819	.08884	1.3999
#2	.95244	12.987	.06223	.00159	2.5852	.08813	1.4631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6030	.00431	.04442	1.9679	.77663	.13649	.92372
Stddev	.0095	.00032	.00539	.0060	.02242	.00170	.00669
%RSD	.26296	7.3772	12.125	.30430	2.8872	1.2470	.72448

#1	3.6097	.00454	.04061	1.9722	.79248	.13769	.92845
#2	3.5963	.00409	.04823	1.9637	.76077	.13529	.91899

Sample Name: J5198-29LX5 Acquired: 10/24/2018 16:04:19 Type: Unk
Method: P4-ICP2(v2523) 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	.03812	3.140	.11823	.10447	F<.00000
Stddev	.00014	.015	.00028	.40332	.56516
%RSD	.36430	.4878	.23716	386.06	21.220

#1	.03822	3.150	.11842	-.18072	-3.0630
#2	.03802	3.129	.11803	.38966	-2.2637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.1	40620.	4774.9	118.90	2868.9
Stddev	11.1	19.	34.9	3.28	14.8
%RSD	.46373	.04742	.73190	2.7606	.51703

#1	2376.3	40634.	4799.6	121.22	2858.4
#2	2391.9	40606.	4750.2	116.58	2879.4

Sample Name: J5198-29MS Acquired: 10/24/2018 16:08:14 Type: Unk
Method: P4-ICP2(v2523) 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	.73223	1.7738	5.9218	1.6679	.72306	128.74	3.2617
Stddev	.00245	.0112	.0179	.0010	.00443	.55	.0291
%RSD	.33487	.62969	.30252	.06045	.61289	.42846	.89340

#1	.73050	1.7817	5.9344	1.6672	.71993	128.35	3.2823
#2	.73397	1.7659	5.9091	1.6686	.72620	129.13	3.2410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16194	.20282	112.54	.51611	.34132	2.0570	312.99
Stddev	.00051	.00028	.89	.00378	.00006	.0015	3.03
%RSD	.31427	.13585	.78659	.73239	.01686	.07207	.96702

#1	.16158	.20301	113.17	.51344	.34128	2.0581	315.13
#2	.16230	.20262	111.92	.51879	.34136	2.0560	310.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9402	55.430	.77093	.07112	13.285	.60092	6.8230
Stddev	.0112	.458	.00283	.00073	.081	.00111	.0603
%RSD	.28288	.82637	.36686	1.0311	.60962	.18452	.88428

#1	3.9323	55.754	.77293	.07164	13.343	.60014	6.8657
#2	3.9480	55.106	.76893	.07060	13.228	.60171	6.7804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.532	.35779	.50435	F 10.023	3.8248	1.3361	4.0409
Stddev	.180	.00004	.00674	.016	.0351	.0070	.0009
%RSD	.76294	.01252	1.3371	.16143	.91791	.52340	.02123

#1	23.659	.35782	.49958	10.035	3.8496	1.3410	4.0415
#2	23.405	.35776	.50912	10.012	3.8000	1.3311	4.0403

Sample Name: J5198-29MS Acquired: 10/24/2018 16:08:14 Type: Unk
 Method: P4-ICP2(v2523) 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	.33805	F 20.86	.65015	<.00000	F<.00000
Stddev	.00099	.10	.00440	.07818	.19793
%RSD	.29154	.4790	.67689	.92860	.16380

#1	.33874	20.93	.65326	-8.4740	-120.70
#2	.33735	20.79	.64703	-8.3634	-120.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2685.2	45899.	5509.8	113.09	2608.5
Stddev	6.7	125.	50.4	1.14	11.8
%RSD	.24867	.27241	.91531	1.0037	.45317

#1	2680.5	45987.	5474.1	112.28	2600.2
#2	2689.9	45810.	5545.4	113.89	2616.9

Sample Name: J5198-29MSD Acquired: 10/24/2018 16:12:06 Type: Unk
Method: P4-ICP2(v2523) 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	.74442	1.7876	5.9630	1.6818	.72472	130.18	3.3040
Stddev	.00052	.0012	.0067	.0101	.00485	.26	.0020
%RSD	.07050	.06418	.11212	.59796	.66856	.20312	.05955

#1	.74479	1.7868	5.9583	1.6889	.72815	130.36	3.3054
#2	.74405	1.7884	5.9678	1.6747	.72130	129.99	3.3026

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16341	.20331	113.70	.51781	.34286	2.0746	314.37
Stddev	.00030	.00043	.24	.00195	.00014	.0000	6.02
%RSD	.18144	.21004	.21386	.37600	.04031	.00009	1.9152

#1	.16320	.20301	113.53	.51643	.34295	2.0746	318.63
#2	.16362	.20361	113.87	.51918	.34276	2.0746	310.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9703	56.101	.77363	.07136	13.402	.60871	6.8493
Stddev	.0072	.199	.00128	.00129	.011	.00553	.1078
%RSD	.18220	.35523	.16552	1.8122	.08360	.90858	1.5736

#1	3.9652	55.961	.77453	.07227	13.410	.61262	6.9255
#2	3.9754	56.242	.77272	.07044	13.394	.60480	6.7731

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.917	.35998	.49879	F 10.130	3.9063	1.3418	4.0621
Stddev	.021	.00038	.01071	.010	.0057	.0009	.0110
%RSD	.08912	.10458	2.1480	.10002	.14548	.06450	.27079

#1	23.932	.36025	.50637	10.123	3.9103	1.3424	4.0543
#2	23.902	.35972	.49121	10.137	3.9022	1.3411	4.0698

Sample Name: J5198-29MSD Acquired: 10/24/2018 16:12:06 Type: Unk
Method: P4-ICP2(v2523) 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	.34010	F 21.00	.65636	<.00000	F<.00000
Stddev	.00016	.08	.00081	.33785	2.7060
%RSD	.04748	.3742	.12403	4.3600	2.1616

#1	.33998	21.05	.65694	-7.9879	-127.10
#2	.34021	20.94	.65579	-7.5101	-123.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.1	45440.	5449.4	112.35	2588.8
Stddev	8.9	12.	18.5	1.96	7.1
%RSD	.33329	.02643	.34002	1.7422	.27275

#1	2654.8	45431.	5462.5	110.96	2583.8
#2	2667.3	45448.	5436.3	113.73	2593.7

Sample Name: J5198-29A Acquired: 10/24/2018 16:15:57 Type: Unk
Method: P4-ICP2(v2523) 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	.75021	1.8067	6.0365	1.6937	.73221	131.65	3.3194
Stddev	.00132	.0010	.0306	.0026	.00417	.23	.0311
%RSD	.17617	.05419	.50631	.15086	.56972	.17847	.93571

#1	.74927	1.8074	6.0149	1.6919	.72926	131.82	3.3413
#2	.75114	1.8060	6.0581	1.6955	.73516	131.49	3.2974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16443	.20639	114.84	.52334	.34773	2.0915	318.83
Stddev	.00003	.00072	.44	.00163	.00063	.0099	3.10
%RSD	.01855	.34717	.38618	.31060	.18146	.47506	.97089

#1	.16441	.20690	115.15	.52449	.34818	2.0845	316.64
#2	.16445	.20589	114.52	.52219	.34728	2.0985	321.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0161	56.469	.78049	.07233	13.457	.61015	6.9684
Stddev	.0059	.207	.00173	.00104	.090	.00146	.0686
%RSD	.14681	.36733	.22130	1.4353	.66969	.23971	.98400

#1	4.0120	56.616	.78171	.07160	13.521	.61118	6.9199
#2	4.0203	56.322	.77927	.07307	13.394	.60911	7.0168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.023	.36504	.50893	F 10.231	3.8716	1.3584	4.0915
Stddev	.185	.00146	.00383	.045	.0632	.0078	.0320
%RSD	.77116	.39952	.75321	.43912	1.6332	.57787	.78291

#1	24.154	.36400	.51164	10.263	3.9163	1.3639	4.1142
#2	23.892	.36607	.50622	10.199	3.8269	1.3528	4.0689

Sample Name: J5198-29A Acquired: 10/24/2018 16:15:57 Type: Unk
 Method: P4-ICP2(v2523) 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	.34308	F 21.24	.65803	<.00000	F<.00000
Stddev	.00396	.03	.00589	.08125	.42504
%RSD	1.1532	.1273	.89574	1.2002	.33218

#1	.34588	21.22	.66220	-6.8272	-127.65
#2	.34028	21.25	.65386	-6.7123	-128.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.5	44892.	5401.0	110.43	2557.4
Stddev	12.8	10.	26.4	1.02	8.4
%RSD	.48414	.02257	.48875	.92096	.32837

#1	2642.5	44899.	5382.3	111.15	2563.3
#2	2624.5	44885.	5419.6	109.71	2551.4

Sample Name: J5199-05 Acquired: 10/24/2018 16:19:49 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00966	-.01220	.12406	.04454	.00314	136.50	.47350
Stddev	.00635	.00128	.00009	.00137	.00065	.50	.00122
%RSD	65.805	10.461	.07097	3.0663	20.828	.36677	.25722

#1	.01415	-.01129	.12412	.04551	.00360	136.15	.47437
#2	.00516	-.01310	.12400	.04358	.00268	136.86	.47264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00596	55.416	.18629	.12038	.35295	250.26
Stddev	.00010	.00026	.374	.00067	.00024	.00069	1.93
%RSD	9.1189	4.4381	.67424	.35933	.20177	.19570	.77042

#1	.00117	.00614	55.151	.18581	.12021	.35246	248.89
#2	.00103	.00577	55.680	.18676	.12055	.35343	251.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5749	57.992	.21538	.00306	7.4854	.41472	.43749
Stddev	.0199	.180	.00004	.00001	.0279	.00079	.00261
%RSD	.77333	.30997	.01741	.45276	.37259	.19017	.59657

#1	2.5608	58.119	.21540	.00305	7.5051	.41528	.43564
#2	2.5890	57.865	.21535	.00307	7.4657	.41417	.43933

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.512	.00360	.30613	F 11.290	3.7291	.01445	4.2764
Stddev	.017	.00029	.00690	.003	.0096	.00137	.0117
%RSD	.10372	8.0840	2.2554	.02549	.25676	9.4455	.27316

#1	16.524	.00340	.30124	11.288	3.7358	.01542	4.2847
#2	16.500	.00381	.31101	11.292	3.7223	.01349	4.2682

Sample Name: J5199-05 Acquired: 10/24/2018 16:19:49 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14204	8.441	.09629	<.00000	F<.00000
Stddev	.00077	.004	.00034	.38223	1.4874
%RSD	.54096	.0530	.35502	6.8195	1.6816

#1	.14150	8.438	.09653	-5.8753	-89.504
#2	.14259	8.444	.09604	-5.3348	-87.401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.2	44223.	5319.7	114.41	2630.9
Stddev	.9	224.	5.7	.92	3.8
%RSD	.03646	.50740	.10719	.80788	.14518

#1	2597.9	44382.	5323.8	115.07	2633.6
#2	2596.6	44065.	5315.7	113.76	2628.2

Sample Name: J5200-13 Acquired: 10/24/2018 16:23:48 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03171	-.01125	.24894	.04045	.00326	129.46	.75655
Stddev	.00045	.00088	.00052	.00663	.00184	.34	.00734
%RSD	1.4054	7.8517	.20961	16.380	56.477	.26604	.97014

#1	.03140	-.01187	.24857	.03577	.00456	129.21	.75136
#2	.03203	-.01062	.24931	.04514	.00196	129.70	.76174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	.00558	82.297	.16077	.12119	.44877	218.30
Stddev	.00014	.00033	1.520	.00073	.00049	.00031	.83
%RSD	13.065	5.9566	1.8466	.45151	.40753	.06802	.37879

#1	.00096	.00535	81.223	.16128	.12154	.44899	218.89
#2	.00115	.00582	83.372	.16026	.12084	.44856	217.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5783	61.058	.18719	.00199	7.8556	.38487	.48559
Stddev	.0044	.861	.00033	.00003	.0590	.00045	.00150
%RSD	.17232	1.4094	.17883	1.5044	.75054	.11712	.30987

#1	2.5752	60.449	.18695	.00201	7.8139	.38456	.48665
#2	2.5814	61.666	.18743	.00197	7.8973	.38519	.48453

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.268	.00322	.20144	9.7787	3.8708	.01539	4.3076
Stddev	.121	.00063	.00875	.0323	.0320	.00072	.0048
%RSD	.74075	19.466	4.3421	.33047	.82588	4.6466	.11199

#1	16.182	.00367	.20763	9.7559	3.8482	.01488	4.3042
#2	16.353	.00278	.19526	9.8016	3.8934	.01590	4.3110

Sample Name: J5200-13 Acquired: 10/24/2018 16:23:48 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13664	9.523	.22328	<.00000	F<.00000
Stddev	.00090	.016	.00205	.03340	.19851
%RSD	.65663	.1644	.91922	.97632	.28717

#1	.13600	9.535	.22183	-3.3972	-68.985
#2	.13727	9.512	.22473	-3.4444	-69.266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.0	43170.	5221.2	113.04	2630.1
Stddev	5.4	21.	62.2	.40	2.7
%RSD	.21140	.04821	1.1913	.35802	.10217

#1	2528.2	43185.	5265.2	112.75	2628.2
#2	2535.8	43155.	5177.3	113.32	2632.0

Sample Name: J5200-15 Acquired: 10/24/2018 16:27:41 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03174	-.01462	.22468	.04878	.00472	155.49	.61427
Stddev	.00099	.00247	.00227	.00266	.00088	.25	.00136
%RSD	3.1280	16.898	1.0117	5.4436	18.711	.16187	.22106

#1	.03104	-.01637	.22629	.04690	.00409	155.67	.61523
#2	.03244	-.01287	.22307	.05066	.00534	155.32	.61331

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	.00834	156.09	.13576	.11858	.33914	267.11
Stddev	.00006	.00002	.49	.00066	.00017	.00046	.88
%RSD	2.8420	.29533	.31314	.48521	.13977	.13690	.32758

#1	.00202	.00836	156.44	.13622	.11870	.33946	267.73
#2	.00210	.00833	155.74	.13529	.11847	.33881	266.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7307	96.093	.18054	.00318	8.0318	.41752	.62435
Stddev	.0031	.277	.00014	.00010	.0028	.00238	.00288
%RSD	.08190	.28846	.07565	3.2693	.03480	.56971	.46143

#1	3.7285	96.289	.18045	.00310	8.0338	.41584	.62639
#2	3.7329	95.897	.18064	.00325	8.0298	.41920	.62231

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9234	.00237	.31034	3.0728	4.1472	.01837	3.0348
Stddev	.0451	.00013	.00045	.0076	.0126	.00009	.0134
%RSD	.50555	5.4083	.14654	.24743	.30413	.47076	.44264

#1	8.9553	.00246	.31002	3.0782	4.1383	.01831	3.0443
#2	8.8915	.00228	.31066	3.0675	4.1561	.01843	3.0253

Sample Name: J5200-15 Acquired: 10/24/2018 16:27:41 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16495	8.411	.29926	<.00000	F<.00000
Stddev	.00040	.012	.00016	.37877	.18832
%RSD	.24304	.1417	.05410	7.1402	.18854

#1	.16467	8.420	.29938	-5.0369	-100.02
#2	.16524	8.403	.29915	-5.5726	-99.753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.5	43909.	5359.9	112.09	2545.9
Stddev	.1	111.	21.2	.61	2.9
%RSD	.00544	.25192	.39480	.54629	.11343

#1	2582.6	43831.	5345.0	111.65	2547.9
#2	2582.4	43987.	5374.9	112.52	2543.8

Sample Name: CCV05 Acquired: 10/24/2018 16:40:58 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4271	4.7155	4.9180	5.1526	5.3779	10.494	10.116	.24517
Stddev	.0124	.0073	.0028	.0172	.0074	.001	.135	.00025
%RSD	.22793	.15510	.05731	.33317	.13831	.01287	1.3322	.10093
#1	5.4358	4.7103	4.9160	5.1648	5.3831	10.495	10.211	.24499
#2	5.4183	4.7207	4.9200	5.1405	5.3726	10.493	10.021	.24534
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3629	24.379	.92157	2.4442	1.2742	4.6244	2.4340	24.560
Stddev	.0011	.398	.00205	.0000	.0020	.0155	.0024	.234
%RSD	.04681	1.6325	.22230	.00121	.15573	.33562	.09881	.95261
#1	2.3621	24.660	.92012	2.4443	1.2756	4.6354	2.4323	24.725
#2	2.3637	24.097	.92302	2.4442	1.2728	4.6134	2.4357	24.394
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3397	1.2151	23.624	2.4995	2.3165	25.054	5.3621	4.6760
Stddev	.0040	.0032	.367	.0051	.0024	.271	.0068	.0063
%RSD	.17168	.26104	1.5529	.20575	.10363	1.0812	.12663	.13451
#1	2.3425	1.2173	23.883	2.4959	2.3182	25.245	5.3669	4.6715
#2	2.3368	1.2128	23.364	2.5031	2.3148	24.862	5.3573	4.6804
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0145	4.7480	4.8280	4.9751	4.9431	4.789	4.8908	F 5.6848
Stddev	.0018	.0733	.0132	.0385	.0491	.002	.0616	.0525
%RSD	.03551	1.5446	.27249	.77418	.99275	.0415	1.2594	.92372
#1	5.0133	4.7999	4.8373	5.0024	4.9778	4.788	4.9343	5.6477
#2	5.0158	4.6962	4.8187	4.9479	4.9084	4.791	4.8472	5.7220

Sample Name: CCV05 Acquired: 10/24/2018 16:40:58 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14055 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3823
Stddev	.4536
%RSD	32.816

#1	1.7030
#2	1.0615

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.7	37495.	4420.3	115.18	2736.0
Stddev	5.4	13.	75.3	.42	7.2
%RSD	.24600	.03530	1.7044	.36886	.26191

#1	2205.9	37505.	4367.0	114.88	2730.9
#2	2213.6	37486.	4473.6	115.48	2741.1

Sample Name: CCB05 Acquired: 10/24/2018 16:44:44 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00045	-.00142	-.00033	-.00282	.00509	-.00375
Stddev	.00102	.00066	.00021	.00253	.00027	.00700	.00101
%RSD	306.69	148.62	15.048	760.47	9.5446	137.46	27.047

#1	-.00105	.00092	-.00157	.00146	-.00301	.01004	-.00447
#2	.00039	-.00002	-.00127	-.00212	-.00263	.00014	-.00303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00004	-.00489	-.00039	-.00003	-.00074	.00921
Stddev	.00000	.00006	.00741	.00042	.00002	.00004	.00441
%RSD	1.2151	130.31	151.49	108.38	76.330	5.1929	47.812

#1	-.00007	-.00009	-.01013	-.00069	-.00004	-.00071	.00610
#2	-.00007	-.00000	.00035	-.00009	-.00001	-.00077	.01233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.04736	.00203	-.00030	-.09358	.00003	-.00019
Stddev	.00002	.05150	.00018	.00025	.00151	.00004	.00006
%RSD	34.538	108.73	8.9391	85.783	1.6104	117.72	31.566

#1	-.00005	-.01095	.00215	-.00012	-.09252	.00006	-.00015
#2	-.00008	-.08378	.00190	-.00048	-.09465	.00001	-.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01216	.00063	-.00430	.00379	.00638	.00039	.00007
Stddev	.01424	.00048	.00088	.00091	.00222	.00028	.00209
%RSD	117.08	75.615	20.368	23.952	34.806	70.688	3077.2

#1	.02224	.00097	-.00368	.00443	.00481	.00059	.00155
#2	.00209	.00029	-.00492	.00315	.00795	.00020	-.00141

Sample Name: CCB05 Acquired: 10/24/2018 16:44:44 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14055 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.0040	.00018	F 2.2982	F<.00000
Stddev	.00034	.0006	.00002	.1710	.01679
%RSD	42.995	15.55	9.2489	7.4415	.97384

#1	-.00103	-.0036	.00017	2.1773	-1.7360
#2	-.00055	-.0044	.00019	2.4192	-1.7123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.9	39239.	4417.9	120.16	3017.3
Stddev	.2	85.	24.2	1.73	6.9
%RSD	.01072	.21670	.54862	1.4368	.23005

#1	2303.1	39179.	4435.1	121.38	3022.2
#2	2302.7	39299.	4400.8	118.94	3012.3

Sample Name: J5515-01 Acquired: 10/24/2018 16:48:48 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NON-UST-1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01062	-.01279	.52023	.05284	.00675	133.02	1.5785
Stddev	.00192	.00053	.00133	.00095	.00241	.09	.0017
%RSD	18.063	4.1616	.25610	1.7989	35.658	.06617	.10743

#1	.00927	-.01242	.52117	.05351	.00845	132.96	1.5797
#2	.01198	-.01317	.51929	.05217	.00505	133.09	1.5773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	.01329	23.314	.20673	.15535	.37559	301.32
Stddev	.00015	.00003	.005	.00188	.00031	.00049	.31
%RSD	2.6474	.19629	.02305	.90704	.20073	.12985	.10384

#1	.00568	.01327	23.318	.20540	.15513	.37593	301.10
#2	.00590	.01330	23.311	.20806	.15557	.37524	301.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9138	53.982	.30104	.00558	2.5824	.30462	2.5797
Stddev	.0023	.116	.00043	.00028	.0091	.00249	.0006
%RSD	.07745	.21484	.14345	5.0405	.35180	.81624	.02182

#1	2.9154	54.064	.30135	.00578	2.5888	.30287	2.5801
#2	2.9122	53.900	.30074	.00538	2.5760	.30638	2.5793

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.043	.00204	.26980	3.6989	3.2328	.03744	2.6559
Stddev	.062	.00026	.00459	.0077	.0191	.00022	.0067
%RSD	.29524	12.662	1.6998	.20700	.58957	.59199	.25216

#1	21.087	.00186	.27305	3.6935	3.2193	.03759	2.6511
#2	20.999	.00222	.26656	3.7044	3.2463	.03728	2.6606

Sample Name: J5515-01 Acquired: 10/24/2018 16:48:48 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NON-UST-1A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34372	5.424	.20541	<.00000	F<.00000
Stddev	.00069	.004	.00037	.60368	2.2053
%RSD	.19932	.0648	.17786	7.0488	1.8322

#1	.34420	5.421	.20567	-8.1374	-118.80
#2	.34323	5.426	.20515	-8.9912	-121.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.2	46028.	5481.3	114.54	2650.0
Stddev	10.5	119.	25.4	.14	5.6
%RSD	.39111	.25872	.46360	.12456	.21017

#1	2671.8	45944.	5463.4	114.44	2646.1
#2	2686.6	46112.	5499.3	114.64	2654.0

Sample Name: J5515-05 Acquired: 10/24/2018 16:52:43 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-07A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00682	-.01890	.10354	.06590	.00735	148.71	1.4999
Stddev	.00306	.00152	.00055	.00162	.00046	.22	.0091
%RSD	44.927	8.0208	.52662	2.4655	6.3195	.14757	.60535

#1	.00898	-.01997	.10392	.06475	.00702	148.55	1.5063
#2	.00465	-.01783	.10315	.06705	.00768	148.86	1.4935

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	.00976	105.49	.41992	.17042	.28398	358.38
Stddev	.00022	.00013	.31	.00136	.00073	.00129	4.10
%RSD	3.5170	1.2905	.29099	.32382	.42863	.45523	1.1453

#1	.00648	.00967	105.70	.42088	.17094	.28306	361.29
#2	.00617	.00985	105.27	.41896	.16991	.28489	355.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7302	64.713	.35205	.00797	2.9557	.33783	.84797
Stddev	.0568	.098	.00106	.00021	.0042	.00256	.00908
%RSD	.65026	.15066	.30054	2.6466	.14188	.75886	1.0710

#1	8.6901	64.644	.35130	.00783	2.9527	.33601	.85439
#2	8.7703	64.782	.35280	.00812	2.9586	.33964	.84154

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.993	.03061	.32772	3.9948	6.3916	.03054	3.2113
Stddev	.155	.00008	.00466	.0028	.0308	.00226	.0113
%RSD	.67528	.24559	1.4205	.06916	.48136	7.4071	.35035

#1	23.102	.03066	.33101	3.9929	6.3699	.02894	3.2193
#2	22.883	.03055	.32442	3.9968	6.4134	.03214	3.2034

Sample Name: J5515-05 Acquired: 10/24/2018 16:52:43 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC1-07A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36008	8.362	.43292	<.00000	F<.00000
Stddev	.00161	.008	.00203	.12086	2.2570
%RSD	.44798	.0932	.46955	1.3374	1.4248

#1	.36122	8.357	.43436	-9.1226	-156.82
#2	.35893	8.368	.43148	-8.9517	-160.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.1	45249.	5451.7	110.37	2537.9
Stddev	3.8	61.	25.2	1.61	5.9
%RSD	.14511	.13561	.46235	1.4588	.23108

#1	2641.4	45292.	5433.8	109.23	2533.8
#2	2646.8	45205.	5469.5	111.51	2542.1

Sample Name: J5515-11 Acquired: 10/24/2018 16:56:46 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC3-01B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00786	-.01419	.08790	.05330	.00444	136.88	.92653
Stddev	.00436	.00169	.00005	.00295	.00044	.27	.00599
%RSD	55.414	11.909	.05491	5.5337	9.8860	.20090	.64624

#1	.01094	-.01300	.08787	.05122	.00413	136.69	.93077
#2	.00478	-.01539	.08794	.05539	.00475	137.08	.92230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00562	.00730	18.084	.18928	.13631	.18145	307.86
Stddev	.00002	.00010	.114	.00247	.00001	.00033	1.74
%RSD	.38156	1.3437	.63033	1.3039	.00570	.18221	.56518

#1	.00564	.00723	18.164	.18754	.13631	.18168	306.62
#2	.00561	.00737	18.003	.19103	.13630	.18121	309.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2762	51.954	.27707	.00623	5.2056	.26891	.75656
Stddev	.0040	.486	.00140	.00078	.0537	.00170	.00333
%RSD	.09389	.93609	.50577	12.562	1.0324	.63292	.44061

#1	4.2734	52.298	.27806	.00678	5.2436	.26770	.75421
#2	4.2791	51.610	.27608	.00568	5.1676	.27011	.75892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.306	.00099	.25070	.27862	3.0218	.02775	2.1366
Stddev	.144	.00054	.00300	.00073	.0368	.00030	.0046
%RSD	.70936	55.212	1.1952	.26112	1.2176	1.0672	.21610

#1	20.408	.00060	.24858	.27914	2.9958	.02754	2.1398
#2	20.204	.00137	.25281	.27811	3.0479	.02796	2.1333

Sample Name: J5515-11 Acquired: 10/24/2018 16:56:46 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC3-01B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32621	5.922	.12448	<.00000	F<.00000
Stddev	.00169	.023	.00054	.14395	2.3139
%RSD	.51863	.3870	.43483	1.4872	1.8333

#1	.32741	5.938	.12486	-9.5774	-124.58
#2	.32502	5.905	.12410	-9.7810	-127.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.6	47300.	5627.9	114.12	2648.4
Stddev	9.2	60.	29.9	.34	10.9
%RSD	.33104	.12684	.53092	.29415	.41139

#1	2766.1	47343.	5606.8	114.35	2640.7
#2	2779.1	47258.	5649.1	113.88	2656.1

Sample Name: J5639-01 Acquired: 10/24/2018 17:00:44 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14610	-.02217	.19364	.09959	.01103	226.64	.74350
Stddev	.00650	.00202	.00744	.00435	.00017	.03	.00304
%RSD	4.4523	9.1306	3.8404	4.3725	1.5544	.01328	.40865

#1	.14150	-.02360	.18838	.10267	.01115	226.62	.74565
#2	.15070	-.02074	.19890	.09651	.01091	226.66	.74135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00453	.01454	44.852	.51800	.09239	.28332	541.77
Stddev	.00011	.00161	.010	.00077	.00023	.00107	12.65
%RSD	2.3528	11.039	.02324	.14871	.24778	.37644	2.3359

#1	.00446	.01341	44.859	.51746	.09223	.28257	550.72
#2	.00461	.01568	44.845	.51855	.09255	.28408	532.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2286	23.155	.13993	.01143	1.1948	.76254	.59629
Stddev	.0007	.007	.00089	.00207	.0011	.00718	.01440
%RSD	.05881	.02849	.63482	18.143	.09311	.94103	2.4149

#1	1.2281	23.159	.14055	.01290	1.1956	.75746	.60647
#2	1.2292	23.150	.13930	.00997	1.1940	.76761	.58610

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.136	.00543	.41113	6.1057	7.1099	.02980	3.3566
Stddev	.019	.00019	.02130	.0022	.1001	.00122	.0002
%RSD	.11135	3.4366	5.1816	.03569	1.4081	4.1074	.00629

#1	17.150	.00529	.42619	6.1042	7.1807	.02893	3.3565
#2	17.123	.00556	.39606	6.1072	7.0391	.03066	3.3568

Sample Name: J5639-01 Acquired: 10/24/2018 17:00:44 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08994	7.292	.10820	<.00000	F<.00000
Stddev	.00053	.015	.00024	.46282	3.7999
%RSD	.58910	.2097	.22383	3.6275	1.2749

#1	.08957	7.303	.10837	-12.431	-295.38
#2	.09032	7.281	.10802	-13.086	-300.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.6	46362.	5579.8	108.55	2529.5
Stddev	7.4	7.	12.3	2.49	4.4
%RSD	.27181	.01598	.22110	2.2939	.17270

#1	2709.4	46367.	5571.0	106.79	2526.4
#2	2719.8	46357.	5588.5	110.31	2532.6

Sample Name: J5639-05 Acquired: 10/24/2018 17:04:40 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09250	-.01708	.11942	.06343	.00810	221.00	.73118
Stddev	.00016	.00081	.00062	.00101	.00017	.27	.00268
%RSD	.17531	4.7416	.51762	1.5906	2.1201	.12055	.36697

#1	.09239	-.01765	.11898	.06272	.00822	220.81	.72929
#2	.09262	-.01650	.11986	.06414	.00798	221.18	.73308

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	.00960	41.402	.31628	.21564	.23258	353.30
Stddev	.00033	.00011	.039	.00036	.00009	.00083	1.80
%RSD	12.336	1.1333	.09490	.11364	.04372	.35731	.50854

#1	.00247	.00968	41.375	.31602	.21557	.23317	352.03
#2	.00294	.00953	41.430	.31653	.21570	.23200	354.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2082	30.795	.18746	.00495	1.2473	.46332	.48193
Stddev	.0014	.162	.00056	.00043	.0016	.00060	.00377
%RSD	.11731	.52721	.29878	8.6015	.12850	.13002	.78160

#1	1.2072	30.680	.18707	.00465	1.2462	.46375	.47926
#2	1.2092	30.910	.18786	.00525	1.2485	.46289	.48459

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.966	.00749	.26427	F 15.058	7.3805	.02823	3.4972
Stddev	.038	.00040	.00516	.010	.0463	.00059	.0099
%RSD	.21230	5.3928	1.9523	.06383	.62689	2.0807	.28396

#1	17.939	.00721	.26062	15.051	7.4132	.02782	3.5042
#2	17.993	.00778	.26792	15.065	7.3478	.02865	3.4902

Sample Name: J5639-05 Acquired: 10/24/2018 17:04:40 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BS-SOIL-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10001	5.993	.10142	<.00000	F<.00000
Stddev	.00104	.005	.00006	.18131	1.8004
%RSD	1.0392	.0868	.05750	1.9233	1.0525

#1	.09928	5.997	.10147	-9.2990	-169.78
#2	.10075	5.989	.10138	-9.5555	-172.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2675.2	45666.	5511.3	114.77	2605.4
Stddev	7.2	15.	15.8	.53	7.0
%RSD	.26741	.03255	.28735	.46236	.26941

#1	2670.2	45656.	5522.5	115.15	2600.4
#2	2680.3	45677.	5500.1	114.40	2610.3

Sample Name: J5639-09 Acquired: 10/24/2018 17:08:37 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08359	-.01696	.13285	.05889	.00736	212.29	.75053
Stddev	.00058	.00052	.00256	.00153	.00254	.76	.00324
%RSD	.69309	3.0412	1.9290	2.5902	34.453	.35692	.43106

#1	.08400	-.01660	.13467	.05781	.00557	211.75	.75282
#2	.08318	-.01733	.13104	.05997	.00915	212.82	.74824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	.00845	40.181	.27594	.09363	.50458	325.60
Stddev	.00009	.00025	.102	.00021	.00034	.00024	2.97
%RSD	2.9200	3.0065	.25477	.07508	.36724	.04724	.91268

#1	.00296	.00863	40.253	.27579	.09339	.50475	323.50
#2	.00308	.00827	40.108	.27608	.09388	.50441	327.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9214	26.118	.14750	.00545	1.1501	.40813	.48285
Stddev	.0038	.055	.00006	.00006	.0051	.00010	.00125
%RSD	.12936	.21146	.04343	1.1259	.44390	.02369	.25938

#1	2.9241	26.079	.14754	.00541	1.1537	.40820	.48196
#2	2.9188	26.157	.14745	.00549	1.1464	.40806	.48373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.104	.00618	.24304	5.3640	6.8514	.02552	3.3096
Stddev	.085	.00044	.00043	.0197	.1671	.00170	.0069
%RSD	.44731	7.1180	.17684	.36694	2.4393	6.6696	.20822

#1	19.164	.00587	.24334	5.3501	6.9696	.02672	3.3145
#2	19.043	.00649	.24273	5.3779	6.7332	.02432	3.3048

Sample Name: J5639-09 Acquired: 10/24/2018 17:08:37 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BS-SOIL-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10387	6.025	.09626	<.00000	F<.00000
Stddev	.00004	.025	.00002	.47956	.98980
%RSD	.03756	.4087	.01719	4.4678	.70010

#1	.10384	6.007	.09625	-10.395	-142.08
#2	.10389	6.042	.09628	-11.073	-140.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.9	47062.	5661.7	113.43	2623.2
Stddev	11.1	55.	40.5	.33	3.1
%RSD	.40082	.11738	.71478	.29020	.11887

#1	2751.1	47023.	5633.1	113.66	2621.0
#2	2766.7	47101.	5690.4	113.19	2625.4

Sample Name: J5642-01 Acquired: 10/24/2018 17:12:37 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00752	-.03729	.12848	.09267	.01043	211.17	.39263
Stddev	.00198	.00002	.00004	.00487	.00013	.65	.00050
%RSD	26.360	.06375	.03075	5.2535	1.2435	.30690	.12855

#1	-.00612	-.03731	.12851	.09611	.01053	211.63	.39299
#2	-.00893	-.03728	.12845	.08922	.01034	210.72	.39227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01839	111.02	.20043	.29965	.79509	514.13
Stddev	.00003	.00045	.52	.00043	.00128	.00089	2.87
%RSD	49.040	2.4645	.47007	.21269	.42656	.11190	.55893

#1	.00008	.01807	110.65	.20012	.29875	.79447	516.17
#2	.00004	.01871	111.39	.20073	.30055	.79572	512.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8465	169.60	.45632	.01784	4.5361	.78779	1.1647
Stddev	.0060	.43	.00000	.00109	.0114	.00089	.0057
%RSD	.10332	.25473	.00028	6.0932	.25137	.11332	.49119

#1	5.8422	169.29	.45633	.01861	4.5280	.78716	1.1688
#2	5.8508	169.90	.45632	.01707	4.5442	.78842	1.1607

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8286	-.00044	.63042	1.7717	2.3173	.04241	F 16.215
Stddev	.0014	.00045	.00434	.0059	.0459	.00081	.013
%RSD	.03637	100.99	.68825	.33070	1.9829	1.9164	.07855

#1	3.8296	-.00076	.62735	1.7676	2.2848	.04183	16.206
#2	3.8276	-.00013	.63349	1.7759	2.3498	.04298	16.224

Sample Name: J5642-01 Acquired: 10/24/2018 17:12:37 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200044 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27950	7.357	.20240	<.00000	F<.00000
Stddev	.00089	.006	.00028	.14986	.54552
%RSD	.31708	.0783	.13794	1.2129	.20044

#1	.28013	7.353	.20221	-12.461	-271.78
#2	.27887	7.361	.20260	-12.249	-272.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.8	46006.	5652.0	105.67	2407.0
Stddev	9.9	100.	15.8	.72	8.7
%RSD	.37123	.21838	.27932	.67724	.35947

#1	2663.8	45935.	5663.2	105.17	2400.9
#2	2677.8	46077.	5640.9	106.18	2413.1

Sample Name: PB114144BL Acquired: 10/24/2018 17:16:41 Type: Unk
Method: P4-ICP2(v2523) 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	.00038	-.00166	-.00196	-.00023	-.00216	.01018	-.00337
Stddev	.00072	.00095	.00029	.00125	.00054	.00335	.00012
%RSD	189.25	57.114	14.587	555.12	24.774	32.872	3.4244

#1	-.00013	-.00233	-.00176	.00066	-.00254	.00781	-.00345
#2	.00090	-.00099	-.00216	-.00111	-.00178	.01255	-.00329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00013	-.00419	-.00046	.00008	-.00018	.01082
Stddev	.00003	.00010	.01253	.00033	.00003	.00019	.00164
%RSD	161.64	74.748	298.72	70.493	41.667	101.42	15.169

#1	.00004	.00006	-.01305	-.00023	.00006	-.00032	.01198
#2	-.00000	.00020	.00466	-.00069	.00010	-.00005	.00966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.02869	.00187	-.00027	-.16184	-.00043	-.00018
Stddev	.00006	.01590	.00012	.00001	.00817	.00026	.00010
%RSD	13.097	55.401	6.1603	2.0876	5.0503	61.285	54.661

#1	.00042	-.01745	.00179	-.00027	-.16762	-.00062	-.00011
#2	.00050	-.03993	.00195	-.00027	-.15606	-.00024	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04337	.00014	-.00786	.00054	.00662	.00057	.00212
Stddev	.04741	.00020	.00200	.00220	.00003	.00006	.00158
%RSD	109.30	139.95	25.408	405.73	.47452	10.924	74.238

#1	-.00985	.00000	-.00927	.00210	.00665	.00061	.00324
#2	-.07690	.00028	-.00645	-.00101	.00660	.00052	.00101

Sample Name: PB114144BL Acquired: 10/24/2018 17:16:41 Type: Unk
 Method: P4-ICP2(v2523) 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	-0.00278	-0.0043	.00017	F 2.8595	F<.00000
Stddev	.00004	.0004	.00007	.3064	.44726
%RSD	1.3063	9.768	42.272	10.714	28.824

#1	-0.00275	-0.0040	.00012	3.0762	-1.2354
#2	-0.00280	-0.0046	.00021	2.6429	-1.8679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.9	39220.	4408.3	120.10	3002.9
Stddev	1.2	158.	11.4	1.16	4.2
%RSD	.05252	.40302	.25971	.96652	.13922

#1	2281.1	39108.	4416.4	120.93	3005.9
#2	2282.8	39331.	4400.2	119.28	3000.0

Sample Name: PB114144TB Acquired: 10/24/2018 17:24:39 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7601 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00169	-.00179	-.00090	-.00248	.00716	-.00453
Stddev	.00001	.00022	.00013	.00402	.00017	.01648	.00078
%RSD	.38553	13.124	7.5450	444.45	6.8675	230.21	17.273

#1	-.00190	-.00185	-.00188	.00194	-.00260	.01881	-.00508
#2	-.00189	-.00153	-.00169	-.00375	-.00236	-.00449	-.00397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00001	-.02598	-.00010	-.00018	-.00065	F .01147
Stddev	.00000	.00020	.00441	.00024	.00004	.00054	.01254
%RSD	4.6104	1969.1	16.989	240.74	21.337	83.849	109.27

#1	-.00007	-.00013	-.02286	-.00027	-.00015	-.00103	.00261
#2	-.00007	.00015	-.02910	.00007	-.00021	-.00026	.02034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.02813	.00342	.00157	F 317.77	.00008	.00059
Stddev	.00004	.03688	.00072	.00010	4.99	.00048	.00004
%RSD	47.583	131.09	21.176	6.3520	1.5691	637.21	7.3231

#1	.00012	-.00205	.00393	.00150	321.30	-.00026	.00063
#2	.00006	-.05421	.00290	.00164	314.25	.00042	.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02883	.00048	-.00841	.00486	.00893	.00243	.00224
Stddev	.02292	.00008	.00230	.00494	.00181	.00035	.00077
%RSD	79.497	17.511	27.405	101.63	20.296	14.273	34.284

#1	.01262	.00042	-.01004	.00137	.00765	.00268	.00170
#2	.04504	.00054	-.00678	.00836	.01021	.00219	.00278

Sample Name: PB114144TB Acquired: 10/24/2018 17:24:39 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7601 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00153	-0.0036	.00019	F 6.1008	F<.00000
Stddev	.00026	.0020	.00002	.1313	.35998
%RSD	16.856	55.43	9.9668	2.1526	44.507

#1	-0.00171	-0.0022	.00020	6.1936	-1.0634
#2	-0.00134	-0.0050	.00017	6.0079	-.55427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.9	36059.	4407.2	117.28	2688.2
Stddev	4.9	98.	38.9	.11	7.5
%RSD	.22928	.27168	.88164	.09044	.28051

#1	2140.4	35989.	4379.7	117.21	2682.9
#2	2147.4	36128.	4434.7	117.36	2693.6

Sample Name: CCV06 Acquired: 10/24/2018 17:28:51 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4593	4.6936	4.9350	5.1168	5.3601	10.423	10.138	.24549
Stddev	.0090	.0012	.0119	.0023	.0071	.076	.128	.00017
%RSD	.16443	.02457	.24090	.04507	.13190	.73156	1.2646	.06819
#1	5.4529	4.6928	4.9434	5.1184	5.3651	10.477	10.228	.24537
#2	5.4656	4.6945	4.9266	5.1152	5.3551	10.369	10.047	.24560
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3682	24.524	.91769	2.4486	1.2698	4.6006	2.4394	24.707
Stddev	.0047	.296	.00094	.0060	.0010	.0096	.0017	.071
%RSD	.19902	1.2070	.10241	.24432	.07945	.20795	.07050	.28667
#1	2.3716	24.733	.91836	2.4528	1.2706	4.6073	2.4382	24.657
#2	2.3649	24.314	.91703	2.4443	1.2691	4.5938	2.4406	24.757
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3355	1.2186	23.664	2.5086	2.3420	25.192	5.3799	4.6659
Stddev	.0046	.0010	.318	.0034	.0197	.391	.0130	.0251
%RSD	.19800	.08403	1.3440	.13394	.84171	1.5539	.24106	.53799
#1	2.3388	1.2178	23.889	2.5062	2.3560	25.469	5.3891	4.6482
#2	2.3322	1.2193	23.439	2.5110	2.3281	24.916	5.3707	4.6836
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9667	4.8124	4.8481	4.9614	4.9663	4.778	4.8821	5.4221
Stddev	.0143	.0219	.0268	.0193	.0687	.022	.0619	.0822
%RSD	.28798	.45467	.55276	.38985	1.3837	.4612	1.2679	1.5157
#1	4.9768	4.8279	4.8670	4.9751	5.0149	4.793	4.9258	5.3640
#2	4.9566	4.7969	4.8291	4.9477	4.9178	4.762	4.8383	5.4802

Sample Name: CCV06 Acquired: 10/24/2018 17:28:51 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14050 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4727
Stddev	.2827
%RSD	19.196

#1	1.2728
#2	1.6726

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.8	37679.	4396.7	115.05	2753.1
Stddev	6.4	45.	38.2	1.20	10.5
%RSD	.28952	.11865	.86852	1.0395	.38169

#1	2217.3	37648.	4369.7	114.21	2745.7
#2	2226.4	37711.	4423.7	115.90	2760.6

Sample Name: CCB06 Acquired: 10/24/2018 17:32:36 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00048	-.00156	.00277	-.00223	.01434	-.00331
Stddev	.00290	.00145	.00004	.00259	.00070	.00754	.00069
%RSD	379.89	303.69	2.5466	93.346	31.467	52.582	20.739

#1	.00281	-.00150	-.00153	.00460	-.00273	.01967	-.00380
#2	-.00129	.00055	-.00159	.00094	-.00174	.00901	-.00282

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00006	-.00560	.00010	-.00014	-.00026	.01403
Stddev	.00004	.00004	.00444	.00005	.00004	.00017	.00661
%RSD	215.29	70.634	79.377	55.563	28.693	64.012	47.075

#1	-.00004	.00008	-.00246	.00014	-.00017	-.00038	.00936
#2	.00001	.00003	-.00874	.00006	-.00011	-.00014	.01871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04471	.00123	-.00018	-.14793	.00013	-.00021
Stddev	.00006	.00934	.00012	.00070	.00002	.00002	.00006
%RSD	92.736	20.895	9.7774	384.18	.01494	12.249	29.213

#1	-.00002	-.03810	.00132	.00031	-.14791	.00015	-.00016
#2	-.00011	-.05131	.00115	-.00068	-.14795	.00012	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04265	.00031	-.00569	.00219	.00735	.00030	-.00021
Stddev	.00661	.00009	.00511	.00055	.00023	.00030	.00082
%RSD	15.486	27.096	89.809	24.977	3.1839	100.23	386.66

#1	-.03798	.00037	-.00208	.00258	.00718	.00052	-.00079
#2	-.04733	.00025	-.00931	.00180	.00751	.00009	.00037

Sample Name: CCB06 Acquired: 10/24/2018 17:32:36 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14050 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	-.0038	.00017	F 2.5869	F<.00000
Stddev	.00144	.0009	.00003	.2328	.69176
%RSD	61.525	22.86	20.591	9.0003	46.739

#1	-.00336	-.0044	.00014	2.7515	-1.9692
#2	-.00132	-.0032	.00019	2.4223	-.99092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.4	39115.	4345.5	117.48	3012.7
Stddev	21.0	80.	36.8	.70	30.5
%RSD	.91578	.20487	.84615	.59688	1.0120

#1	2304.2	39058.	4319.5	117.98	3034.2
#2	2274.6	39171.	4371.5	116.98	2991.1

Sample Name: PB113916BL Acquired: 10/24/2018 17:36:39 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00015	-.00125	.00434	-.00312	.01703	-.00349
Stddev	.00005	.00019	.00057	.00086	.00025	.00686	.00024
%RSD	7.8259	129.58	45.772	19.714	7.9311	40.262	6.8113

#1	.00055	.00029	-.00166	.00374	-.00294	.01218	-.00365
#2	.00062	.00001	-.00085	.00495	-.00329	.02188	-.00332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00008	-.00493	-.00037	.00009	.00015	.01332
Stddev	.00006	.00015	.01860	.00000	.00019	.00010	.00955
%RSD	182.31	177.28	377.17	.69880	210.10	71.268	71.657

#1	-.00001	.00019	-.01808	-.00037	.00023	.00007	.02007
#2	.00007	-.00002	.00822	-.00037	-.00004	.00022	.00657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.03466	.00165	-.00024	-.18411	.00019	-.00030
Stddev	.00003	.01392	.00017	.00017	.00665	.00026	.00010
%RSD	95.104	40.156	10.401	71.594	3.6115	140.06	33.206

#1	-.00005	-.02482	.00177	-.00012	-.17941	.00037	-.00037
#2	-.00001	-.04450	.00153	-.00036	-.18881	.00000	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03538	.00050	-.00087	.00080	.00281	-.00012	.00093
Stddev	.00246	.00000	.00704	.00022	.00237	.00042	.00062
%RSD	6.9552	.29963	812.64	27.357	84.319	348.01	66.774

#1	-.03712	.00050	.00411	.00064	.00448	.00018	.00049
#2	-.03364	.00050	-.00584	.00095	.00113	-.00042	.00136

Sample Name: PB113916BL Acquired: 10/24/2018 17:36:39 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00176	-0.0033	.00011	F 1.9271	F<.00000
Stddev	.00123	.0002	.00001	.1977	.56995
%RSD	70.094	5.394	12.444	10.260	41.669

#1	-0.00089	-0.0034	.00012	2.0669	-1.7708
#2	-0.00263	-0.0032	.00010	1.7873	-.96479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.3	39253.	4344.4	118.19	3011.6
Stddev	16.3	123.	27.3	4.30	16.0
%RSD	.71290	.31211	.62863	3.6346	.53187

#1	2278.7	39167.	4325.1	121.23	3000.2
#2	2301.8	39340.	4363.8	115.15	3022.9

Sample Name: J4771-08 Acquired: 10/24/2018 17:44:36 Type: Unk
Method: P4-ICP2(v2523) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00393	.00468	.00145	-.00203	.17460	.07885	-.00000
Stddev	.00088	.00033	.00115	.00171	.00149	.00114	.00043	.00005
%RSD	50.548	8.4965	24.475	117.99	73.499	.65329	.54519	2158.7

#1	-.00237	-.00369	.00549	.00267	-.00308	.17541	.07855	.00003
#2	-.00112	-.00416	.00387	.00024	-.00097	.17379	.07916	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	5.1689	.00131	.00396	.00548	.11555	.30578	.65816
Stddev	.00003	.0335	.00022	.00010	.00007	.00343	.00136	.03152
%RSD	8.3459	.64728	16.455	2.5800	1.2798	2.9697	.44607	4.7896

#1	.00035	5.1452	.00147	.00403	.00543	.11797	.30481	.63587
#2	.00040	5.1926	.00116	.00389	.00553	.11312	.30674	.68045

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	.00013	293.70	-.00012	.05573	.82084	.00051	.01638
Stddev	.00030	.00033	1.10	.00032	.00017	.03957	.00004	.00266
%RSD	6.8869	258.50	.37310	259.83	.29661	4.8210	7.5108	16.227

#1	.00415	-.00010	294.47	-.00035	.05561	.79286	.00049	.01450
#2	.00458	.00036	292.92	.00010	.05584	.84883	.00054	.01826

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28595	.35603	.00218	.00334	-.00055	.0004	.02827	5.7067
Stddev	.00227	.00281	.00003	.00113	.00039	.0006	.00010	.1516
%RSD	.79359	.78955	1.4807	34.004	70.686	179.3	.35063	2.6566

#1	.28435	.35404	.00216	.00253	-.00083	.0008	.02820	5.8139
#2	.28756	.35802	.00220	.00414	-.00028	-.0001	.02834	5.5995

Sample Name: J4771-08 Acquired: 10/24/2018 17:44:36 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-102318 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .36795
 Stddev .50823
 %RSD 138.13

#1 .00858
 #2 .72733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.7	36261.	4385.3	116.04	2697.1
Stddev	10.3	63.	37.4	.28	9.6
%RSD	.47818	.17389	.85204	.24374	.35709

#1	2145.4	36216.	4358.8	116.24	2690.3
#2	2159.9	36305.	4411.7	115.84	2703.9

Sample Name: J5198-22 Acquired: 10/24/2018 17:48:45 Type: Unk
Method: P4-ICP2(v2523) 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	-.00163	-.00368	.00943	.00516	-.00437	.15129	.15025	.00008
Stddev	.00132	.00083	.00015	.00116	.00002	.00311	.00133	.00002
%RSD	80.879	22.581	1.5619	22.371	.53006	2.0584	.88356	21.220

#1	-.00070	-.00426	.00932	.00435	-.00439	.15350	.14931	.00007
#2	-.00256	-.00309	.00953	.00598	-.00435	.14909	.15118	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	28.280	-.00047	.00523	.00489	.04693	.87452	1.9050
Stddev	.00010	.191	.00044	.00019	.00013	.00178	.00201	.0136
%RSD	26.710	.67552	92.490	3.7143	2.6052	3.8032	.22969	.71513

#1	.00030	28.145	-.00078	.00509	.00480	.04819	.87310	1.8954
#2	.00044	28.415	-.00016	.00537	.00498	.04566	.87594	1.9146

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	-.00027	275.89	-.00014	.03880	1.2825	-.00008	.00702
Stddev	.00053	.00032	.43	.00049	.00057	.0080	.00006	.00194
%RSD	13.701	116.62	.15493	346.03	1.4693	.62040	78.072	27.677

#1	.00420	-.00050	275.59	-.00049	.03839	1.2881	-.00012	.00565
#2	.00346	-.00005	276.20	.00020	.03920	1.2769	-.00003	.00839

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50989	1.1825	.00247	-.00031	-.00052	.0014	.16065	4.6742
Stddev	.00151	.0095	.00049	.00061	.00067	.0009	.00035	.4156
%RSD	.29648	.79977	19.694	200.67	128.10	65.35	.21819	8.8904

#1	.50882	1.1892	.00281	-.00074	-.00100	.0020	.16040	4.3804
#2	.51096	1.1758	.00212	.00013	-.00005	.0007	.16090	4.9681

Sample Name: J5198-22 Acquired: 10/24/2018 17:48:45 Type: Unk
 Method: P4-ICP2(v2523) 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 .42650
 Stddev .46567
 %RSD 109.18

#1 .09722
 #2 .75578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.2	36867.	4425.1	118.16	2711.5
Stddev	14.2	66.	26.5	.71	17.9
%RSD	.64883	.17872	.59966	.59844	.66139

#1	2172.2	36913.	4443.9	118.66	2698.9
#2	2192.2	36820.	4406.4	117.66	2724.2

Sample Name: PB113916BS Acquired: 10/24/2018 17:52:52 Type: Unk
Method: P4-ICP2(v2523) 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	.79114	1.7318	.89532	1.8743	.77978	1.8573	.19316
Stddev	.00035	.0055	.00185	.0013	.00171	.0011	.00162
%RSD	.04434	.31464	.20663	.06903	.21949	.05937	.84065

#1	.79089	1.7279	.89401	1.8752	.78099	1.8580	.19430
#2	.79139	1.7356	.89662	1.8734	.77856	1.8565	.19201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18192	.17197	.95324	.34494	.17920	.29621	2.6001
Stddev	.00008	.00009	.00583	.00163	.00004	.00148	.0158
%RSD	.04280	.05262	.61175	.47126	.02321	.49951	.60723

#1	.18197	.17204	.95737	.34609	.17923	.29726	2.5890
#2	.18186	.17191	.94912	.34379	.17917	.29517	2.6113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18995	1.9118	.42989	.06547	2.6059	.28037	.18129
Stddev	.00016	.0045	.00005	.00005	.0345	.00310	.00182
%RSD	.08450	.23741	.01084	.08150	1.3260	1.1071	1.0065

#1	.18984	1.9086	.42992	.06543	2.6304	.28256	.18000
#2	.19007	1.9150	.42986	.06551	2.5815	.27817	.18258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4650	.40418	.26043	F -.00316	.88562	.61650	.19038
Stddev	.1253	.00130	.00669	.00267	.01886	.00292	.00165
%RSD	1.3239	.32228	2.5671	84.650	2.1301	.47299	.86652

#1	9.5536	.40325	.26515	-.00127	.89895	.61444	.19154
#2	9.3764	.40510	.25570	-.00505	.87228	.61856	.18921

Sample Name: PB113916BS Acquired: 10/24/2018 17:52:52 Type: Unk
 Method: P4-ICP2(v2523) 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	.18822	4.852	.18558	F 2.7382	F<.00000
Stddev	.00173	.006	.00254	.0194	.65893
%RSD	.91921	.1286	1.3711	.70811	20.375

#1	.18944	4.847	.18738	2.7519	-2.7681
#2	.18699	4.856	.18378	2.7245	-3.6999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.7	38991.	4306.6	115.48	3001.6
Stddev	4.8	60.	28.3	.61	3.4
%RSD	.21016	.15323	.65767	.53070	.11191

#1	2303.3	38948.	4286.5	115.91	2999.2
#2	2310.2	39033.	4326.6	115.04	3004.0

Sample Name: J5198-22DUP Acquired: 10/24/2018 17:56:45 Type: Unk
Method: P4-ICP2(v2523) 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	-.00164	-.00410	.00871	.00433	-.00311	.13737	.15088	.00017
Stddev	.00089	.00077	.00120	.00034	.00066	.00734	.00133	.00006
%RSD	54.374	18.745	13.729	7.9684	21.321	5.3426	.88311	37.537

#1	-.00101	-.00465	.00786	.00457	-.00264	.14256	.14994	.00021
#2	-.00228	-.00356	.00955	.00408	-.00358	.13218	.15182	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	28.657	-.00104	.00487	.00512	.04238	.88278	1.8566
Stddev	.00013	.201	.00079	.00029	.00019	.00099	.00146	.0455
%RSD	35.684	.70121	76.774	5.9931	3.7604	2.3252	.16525	2.4501

#1	.00045	28.515	-.00160	.00508	.00526	.04308	.88175	1.8245
#2	.00027	28.799	-.00047	.00467	.00498	.04169	.88381	1.8888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	.00015	279.22	.00056	.03905	1.3073	.00007	.00270
Stddev	.00009	.00004	2.38	.00025	.00029	.0071	.00036	.00448
%RSD	2.7739	27.998	.85394	45.339	.75387	.54021	537.65	165.86

#1	.00329	.00012	277.53	.00074	.03926	1.3123	-.00019	-.00047
#2	.00316	.00018	280.90	.00038	.03884	1.3023	.00032	.00587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51237	1.1910	.00163	.00166	-.00127	.0024	.16084	5.6619
Stddev	.00045	.0151	.00027	.00062	.00142	.0014	.00171	.0517
%RSD	.08687	1.2677	16.885	37.000	111.75	60.49	1.0633	.91311

#1	.51268	1.1803	.00143	.00123	-.00228	.0034	.15963	5.6253
#2	.51205	1.2017	.00182	.00210	-.00027	.0014	.16205	5.6984

Sample Name: J5198-22DUP Acquired: 10/24/2018 17:56:45 Type: Unk
Method: P4-ICP2(v2523) 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	.64083
Stddev	.30811
%RSD	48.080

#1	.85870
#2	.42297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.4	36498.	4379.5	117.16	2706.7
Stddev	9.4	39.	32.6	1.05	14.9
%RSD	.43247	.10718	.74542	.89526	.55140

#1	2172.8	36526.	4402.6	116.42	2696.2
#2	2186.1	36471.	4356.4	117.90	2717.3

Sample Name: J5198-22LX5 Acquired: 10/24/2018 18:00:53 Type: Unk
Method: P4-ICP2(v2523) 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	.00115	-.00073	.00181	.00022	-.00287	.04663	.02782
Stddev	.00033	.00195	.00148	.00035	.00045	.00222	.00090
%RSD	28.877	268.31	82.014	156.94	15.762	4.7594	3.2370

#1	.00138	.00065	.00076	.00047	-.00319	.04820	.02845
#2	.00091	-.00210	.00285	-.00002	-.00255	.04506	.02718

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00009	5.9288	-.00017	.00101	.00113	.01917
Stddev	.00005	.00004	.0418	.00008	.00018	.00008	.00296
%RSD	473.93	45.315	.70527	47.640	17.981	7.0310	15.440

#1	-.00005	.00012	5.8992	-.00023	.00088	.00119	.01708
#2	.00003	.00006	5.9583	-.00011	.00114	.00108	.02126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18690	.41000	.00135	-.00019	57.200	-.00006	.00824
Stddev	.00064	.01998	.00008	.00014	.117	.00011	.00028
%RSD	.34373	4.8727	5.6022	74.017	.20474	206.72	3.3939

#1	.18645	.42413	.00130	-.00009	57.117	.00003	.00844
#2	.18735	.39588	.00141	-.00029	57.282	-.00014	.00804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24619	.00025	-.01097	.10327	.26621	.00041	.00022
Stddev	.01698	.00013	.00063	.00042	.00234	.00039	.00103
%RSD	6.8974	51.087	5.7484	.40793	.87915	96.573	473.55

#1	.25820	.00016	-.01052	.10357	.26456	.00068	.00095
#2	.23418	.00034	-.01141	.10298	.26787	.00013	-.00051

Sample Name: J5198-22LX5 Acquired: 10/24/2018 18:00:53 Type: Unk
 Method: P4-ICP2(v2523) 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	-.00062	.0001	.03296	3.2721	F<.00000
Stddev	.00035	.0019	.00035	.6517	.01849
%RSD	56.382	1680.	1.0528	19.916	1.6914

#1	-.00038	-.0012	.03272	3.7330	-1.0804
#2	-.00087	.0014	.03321	2.8113	-1.1065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.6	38303.	4373.4	119.09	2896.6
Stddev	.3	297.	19.7	3.21	1.5
%RSD	.01424	.77488	.44940	2.6967	.05283

#1	2275.4	38093.	4359.5	116.82	2895.5
#2	2275.8	38513.	4387.3	121.36	2897.7

Sample Name: J5198-22MS Acquired: 10/24/2018 18:04:57 Type: Unk
Method: P4-ICP2(v2523) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02047	.04851	.03056	.05784	.00511	.18050	.15408	.00382	.00458
Stddev	.00903	.02529	.01179	.02806	.00465	.00699	.00138	.00015	.00233
%RSD	44.089	52.135	38.598	48.508	90.905	3.8736	.89686	3.8574	50.793

#1	.01409	.03063	.02222	.03800	.00183	.18545	.15310	.00371	.00294
#2	.02685	.06639	.03890	.07767	.00840	.17556	.15506	.00392	.00623

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.651	.00618	.00931	.01184	.07853	.88457	1.8822	.01402	.00102
Stddev	.243	.00017	.00245	.00277	.00516	.00825	.0035	.00497	.00019
%RSD	.84776	2.6923	26.280	23.391	6.5736	.93232	.18484	35.475	19.007

#1	28.480	.00606	.00758	.00988	.08218	.89040	1.8798	.01050	.00115
#2	28.823	.00630	.01105	.01380	.07488	.87874	1.8847	.01754	.00088

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	278.32	.00548	.04407	1.4457	.00485	.01101	.51316	1.1874	.00863
Stddev	.43	.00002	.00262	.0516	.00225	.00339	.00816	.0076	.00327
%RSD	.15301	.39170	5.9561	3.5684	46.494	30.760	1.5893	.63549	37.863

#1	278.02	.00546	.04221	1.4093	.00325	.01341	.50740	1.1821	.00632
#2	278.62	.00549	.04592	1.4822	.00644	.00862	.51893	1.1928	.01094

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00175	.1371	.16421	5.6466	.94100
Stddev	.00208	.00047	.0695	.00016	.3080	.15862
%RSD	1883.4	26.666	50.67	.09475	5.4538	16.856

#1	-.00136	.00142	.0880	.16432	5.8644	.82884
#2	.00158	.00208	.1862	.16410	5.4289	1.0532

Sample Name: J5198-22MS Acquired: 10/24/2018 18:04:57 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-102318 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	2178.8	36547.	4410.0	114.77	2701.2
Stddev	7.9	299.	12.7	1.09	5.5
%RSD	.36287	.81811	.28752	.94983	.20489
#1	2173.2	36336.	4419.0	115.54	2697.3
#2	2184.3	36759.	4401.1	114.00	2705.1

Sample Name: J5198-22MSD Acquired: 10/24/2018 18:09:05 Type: Unk
Method: P4-ICP2(v2523) 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	.95759	1.9154	1.0621	2.2348	.21502	1.2811	.25598	.14847
Stddev	.15581	.2896	.1671	.3467	.11270	.2040	.02000	.01316
%RSD	16.271	15.117	15.729	15.514	52.414	15.922	7.8131	8.8629

#1	.84741	1.7107	.94395	1.9896	.13533	1.1369	.24184	.13916
#2	1.0678	2.1202	1.1802	2.4800	.29471	1.4254	.27012	.15777

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20926	29.435	.27828	.22326	.33904	1.4896	1.0186	2.8672
Stddev	.03288	.243	.02445	.03401	.05078	.2751	.0164	.1156
%RSD	15.712	.82665	8.7871	15.232	14.978	18.468	1.6050	4.0302

#1	.18601	29.263	.26099	.19921	.30313	1.2951	1.0070	2.7855
#2	.23251	29.607	.29557	.24731	.37495	1.6841	1.0302	2.9489

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52272	.05089	277.86	.22854	.24059	6.5370	.11270	.14889
Stddev	.08223	.00480	1.09	.01991	.03323	.9167	.05748	.02202
%RSD	15.730	9.4409	.39215	8.7107	13.812	14.023	51.000	14.788

#1	.46458	.04750	277.09	.21446	.21709	5.8888	.07206	.13332
#2	.58087	.05429	278.63	.24262	.26409	7.1852	.15334	.16446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49678	1.2763	.17151	.00658	.10414	6.310	.25593	6.1627
Stddev	.00352	.0219	.08597	.00207	.02170	.983	.01869	.0813
%RSD	.70926	1.7139	50.125	31.450	20.841	15.58	7.3012	1.3197

#1	.49429	1.2608	.11072	.00512	.08880	5.615	.24271	6.2202
#2	.49927	1.2917	.23229	.00804	.11949	7.005	.26914	6.1052

Sample Name: J5198-22MSD Acquired: 10/24/2018 18:09:05 Type: Unk
 Method: P4-ICP2(v2523) 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	.80083
%RSD	126.74

#1	-1.1981
#2	-.06557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.8	36713.	4381.0	116.76	2712.1
Stddev	18.8	19.	1.8	.40	12.8
%RSD	.85252	.05273	.04198	.34610	.47132

#1	2188.5	36727.	4379.7	117.04	2703.1
#2	2215.1	36700.	4382.3	116.47	2721.1

Sample Name: J5198-22A Acquired: 10/24/2018 18:13:04 Type: Unk
 Method: P4-ICP2(v2523) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4970	3.0960	1.6582	3.5204	2.0444	3.6607	.49452
Stddev	.0003	.0281	.0050	.0129	.0625	.0094	.00053
%RSD	.01674	.90754	.30020	.36574	3.0577	.25733	.10782

#1	1.4969	3.0761	1.6547	3.5113	2.0002	3.6540	.49414
#2	1.4972	3.1159	1.6618	3.5295	2.0886	3.6673	.49489

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33309	.32617	29.934	.61784	.34553	.52205	4.6570
Stddev	.00025	.00140	.126	.00046	.00089	.00148	.0908
%RSD	.07503	.42877	.42202	.07508	.25838	.28367	1.9492

#1	.33292	.32518	30.024	.61751	.34490	.52100	4.5928
#2	.33327	.32715	29.845	.61817	.34616	.52309	4.7212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1688	5.0359	.80562	.11650	276.73	.51148	.35769
Stddev	.0013	.0025	.00238	.00097	2.93	.00201	.00514
%RSD	.11140	.04985	.29578	.82992	1.0593	.39391	1.4373

#1	1.1697	5.0341	.80394	.11582	278.80	.51006	.35406
#2	1.1679	5.0377	.80731	.11719	274.66	.51291	.36133

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.483	1.0720	.47289	.47752	2.8924	1.6505	.29027
Stddev	.224	.0352	.00478	.00368	.1394	.0530	.04876
%RSD	1.2101	3.2886	1.0103	.77165	4.8177	3.2135	16.798

#1	18.325	1.0471	.46951	.48012	2.7938	1.6130	.25579
#2	18.641	1.0969	.47627	.47491	2.9909	1.6880	.32475

Sample Name: J5198-22A Acquired: 10/24/2018 18:13:04 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7605 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34800	9.812	.48071	5.4288	F<.00000
Stddev	.00387	.028	.00392	.1451	.74976
%RSD	1.1117	.2885	.81492	2.6720	31.397

#1	.34526	9.792	.47794	5.5313	-2.9182
#2	.35073	9.832	.48348	5.3262	-1.8578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.8	37161.	4368.0	115.53	2725.6
Stddev	4.4	111.	3.3	1.13	2.3
%RSD	.19666	.29865	.07509	.97546	.08281

#1	2216.7	37082.	4365.6	116.32	2724.0
#2	2222.9	37239.	4370.3	114.73	2727.2

Sample Name: PB114144BS Acquired: 10/24/2018 18:16:57 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7601 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79415	1.7458	.89857	1.8883	.78685	1.9097	.19148
Stddev	.01683	.0382	.01992	.0408	.01466	.0138	.00201
%RSD	2.1191	2.1884	2.2171	2.1591	1.8634	.72252	1.0511

#1	.78225	1.7188	.88449	1.8595	.77648	1.8999	.19291
#2	.80605	1.7728	.91266	1.9171	.79721	1.9195	.19006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18155	.17333	.94918	.34516	.17990	.29624	2.5571
Stddev	.00033	.00385	.01206	.00020	.00377	.00481	.0269
%RSD	.18183	2.2187	1.2710	.05908	2.0949	1.6241	1.0537

#1	.18132	.17061	.95771	.34531	.17724	.29284	2.5380
#2	.18178	.17605	.94065	.34502	.18257	.29965	2.5761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19024	1.8499	.43395	.06435	2.6273	.27729	.17523
Stddev	.00060	.0262	.00951	.00038	.0021	.00108	.00096
%RSD	.31541	1.4159	2.1915	.59040	.08102	.38831	.54755

#1	.18982	1.8684	.42722	.06462	2.6258	.27653	.17455
#2	.19066	1.8313	.44067	.06409	2.6288	.27805	.17591

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4015	.40340	.26299	F -.00563	.86542	.61604	.18852
Stddev	.0144	.00793	.00003	.00245	.00384	.01534	.00491
%RSD	.15334	1.9658	.01040	43.489	.44383	2.4905	2.6034

#1	9.4117	.39779	.26297	-.00736	.86814	.60519	.19199
#2	9.3913	.40901	.26301	-.00390	.86270	.62689	.18505

Sample Name: PB114144BS Acquired: 10/24/2018 18:16:57 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7601 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18742	4.935	.18409	F 3.3376	F<.00000
Stddev	.00111	.092	.00061	.1287	.00088
%RSD	.59431	1.867	.33114	3.8563	.02592

#1	.18821	4.870	.18452	3.4286	-3.4036
#2	.18663	5.000	.18366	3.2466	-3.4023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.3	39090.	4381.9	119.71	2999.2
Stddev	27.9	53.	53.4	.32	39.4
%RSD	1.2038	.13506	1.2181	.26581	1.3123

#1	2334.0	39053.	4344.2	119.48	3027.0
#2	2294.6	39127.	4419.7	119.93	2971.4

Sample Name: CCV07 Acquired: 10/24/2018 18:20:51 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3396	4.6790	4.8831	5.0432	5.2601	10.261	10.062	.24346
Stddev	.0149	.0067	.0144	.0087	.0016	.008	.056	.00060
%RSD	.27843	.14420	.29593	.17337	.03023	.07582	.55842	.24548
#1	5.3501	4.6742	4.8728	5.0494	5.2590	10.267	10.101	.24389
#2	5.3291	4.6837	4.8933	5.0370	5.2613	10.256	10.022	.24304
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3505	24.543	.92166	2.4209	1.2527	4.5527	2.4258	24.521
Stddev	.0040	.005	.00090	.0062	.0014	.0711	.0029	.050
%RSD	.16911	.02037	.09719	.25723	.11551	1.5622	.11947	.20451
#1	2.3476	24.540	.92102	2.4165	1.2537	4.5024	2.4278	24.556
#2	2.3533	24.547	.92229	2.4253	1.2516	4.6030	2.4237	24.486
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3246	1.2059	23.760	2.4847	2.3247	24.999	5.2749	4.6329
Stddev	.0118	.0001	.153	.0002	.0370	.060	.0024	.0241
%RSD	.50876	.01095	.64297	.00802	1.5908	.24194	.04549	.52018
#1	2.3163	1.2058	23.868	2.4849	2.2986	25.042	5.2766	4.6158
#2	2.3330	1.2060	23.652	2.4846	2.3509	24.956	5.2732	4.6499
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8735	4.7963	4.7847	4.9033	4.9359	4.749	4.8776	4.9258
Stddev	.0014	.0077	.0286	.0243	.0217	.014	.0259	.0215
%RSD	.02797	.15970	.59737	.49544	.44072	.2912	.53188	.43713
#1	4.8744	4.8017	4.7645	4.9205	4.9513	4.739	4.8960	4.9106
#2	4.8725	4.7908	4.8049	4.8862	4.9205	4.759	4.8593	4.9410

Sample Name: CCV07 Acquired: 10/24/2018 18:20:51 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14061 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5229
Stddev	.1252
%RSD	8.2188

#1	1.6114
#2	1.4344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.2	37995.	4376.1	115.99	2785.4
Stddev	6.2	53.	13.9	1.58	1.2
%RSD	.27238	.13952	.31750	1.3619	.04442

#1	2259.8	37957.	4366.3	117.11	2786.3
#2	2268.5	38032.	4386.0	114.88	2784.5

Sample Name: CCB07 Acquired: 10/24/2018 18:24:37 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00060	-.00148	.00123	-.00138	.00068	-.00334
Stddev	.00218	.00099	.00082	.00088	.00008	.00296	.00052
%RSD	1320.2	163.92	55.496	71.962	6.0370	433.54	15.442

#1	.00170	.00130	-.00090	.00185	-.00144	.00278	-.00371
#2	-.00137	-.00010	-.00206	.00060	-.00132	-.00141	-.00298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00007	.00695	-.00022	.00002	-.00018	.00423
Stddev	.00008	.00002	.00412	.00002	.00010	.00007	.00421
%RSD	190.01	24.982	59.277	8.0895	449.81	36.660	99.580

#1	.00009	.00006	.00403	-.00020	-.00005	-.00022	.00125
#2	-.00001	.00009	.00986	-.00023	.00009	-.00013	.00721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.03837	.00103	-.00027	-.16233	.00018	-.00034
Stddev	.00000	.01995	.00009	.00002	.00326	.00003	.00001
%RSD	18.650	51.990	8.4228	6.6424	2.0074	16.839	2.8418

#1	-.00002	-.02426	.00097	-.00026	-.16003	.00015	-.00033
#2	-.00002	-.05248	.00109	-.00028	-.16464	.00020	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03077	.00059	-.00344	.00322	.00262	.00015	.00072
Stddev	.00470	.00020	.00255	.00158	.00045	.00020	.00102
%RSD	15.265	33.447	74.095	49.151	17.063	134.77	142.98

#1	-.03409	.00073	-.00164	.00210	.00230	.00029	-.00001
#2	-.02745	.00045	-.00524	.00434	.00293	.00001	.00144

Sample Name: CCB07 Acquired: 10/24/2018 18:24:37 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14061 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.0036	.00019	F 2.0042	F<.00000
Stddev	.00072	.0016	.00005	.0739	.52121
%RSD	109.93	43.34	23.832	3.6860	34.000

#1	-.00117	-.0048	.00016	2.0565	-1.1644
#2	-.00015	-.0025	.00022	1.9520	-1.9015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.2	39471.	4377.9	120.00	3044.1
Stddev	3.5	61.	33.0	.81	4.4
%RSD	.14951	.15466	.75348	.67276	.14529

#1	2324.7	39428.	4401.2	120.57	3041.0
#2	2329.6	39514.	4354.5	119.43	3047.2

Sample Name: J5198-26 Acquired: 10/24/2018 18:28:43 Type: Unk
Method: P4-ICP2(v2523) 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	.00178	-.00480	.01934	.00383	-.00276	.09091	.26055	-.00002
Stddev	.00048	.00100	.00003	.00559	.00109	.00422	.00077	.00002
%RSD	26.987	20.774	.15217	146.00	39.505	4.6459	.29523	122.57

#1	.00212	-.00550	.01932	.00778	-.00199	.09390	.26001	-.00003
#2	.00144	-.00409	.01937	-.00012	-.00353	.08792	.26110	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	28.166	-.00077	.00631	.00381	.01282	1.0889	2.7525
Stddev	.00007	.061	.00018	.00024	.00024	.00026	.0005	.0423
%RSD	19.132	.21792	24.033	3.8659	6.2792	1.9957	.04491	1.5353

#1	.00042	28.209	-.00090	.00648	.00364	.01300	1.0893	2.7824
#2	.00032	28.123	-.00064	.00613	.00397	.01264	1.0886	2.7226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	.00040	304.07	.00018	.04053	.84614	.00062	.00857
Stddev	.00008	.00033	.58	.00017	.00012	.02880	.00031	.00947
%RSD	2.1982	81.414	.19180	94.961	.29313	3.4036	49.416	110.60

#1	.00346	.00017	304.48	.00030	.04045	.82577	.00084	.01527
#2	.00357	.00064	303.66	.00006	.04061	.86650	.00040	.00187

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35779	1.1482	.00317	.00108	.00008	.0021	.10891	6.7034
Stddev	.00063	.0024	.00165	.00027	.00057	.0007	.00032	.0030
%RSD	.17664	.20433	51.893	25.383	701.20	33.46	.29626	.04510

#1	.35734	1.1465	.00434	.00089	-.00032	.0016	.10914	6.7055
#2	.35823	1.1499	.00201	.00127	.00048	.0026	.10868	6.7013

Sample Name: J5198-26 Acquired: 10/24/2018 18:28:43 Type: Unk
 Method: P4-ICP2(v2523) 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 1.1864
 Stddev .6333
 %RSD 53.380

#1 1.6342
 #2 .73857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.1	36032.	4351.3	116.70	2691.6
Stddev	4.8	86.	7.4	.58	9.4
%RSD	.22063	.23784	.16930	.49990	.34874

#1	2159.7	35971.	4346.1	116.28	2685.0
#2	2166.5	36092.	4356.5	117.11	2698.2

Sample Name: J5198-28 Acquired: 10/24/2018 18:32:52 Type: Unk
 Method: P4-ICP2(v2523) 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	-.00270	-.00465	.01494	.00257	-.00337	.10299	.15511	.00002
Stddev	.00479	.00136	.00284	.00096	.00093	.01572	.00060	.00002
%RSD	177.44	29.142	19.003	37.318	27.504	15.265	.38852	69.097

#1	.00069	-.00369	.01695	.00189	-.00271	.09188	.15469	.00003
#2	-.00609	-.00561	.01293	.00324	-.00402	.11411	.15554	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	54.098	-.00087	.00463	.00519	.01722	1.1574	2.5832
Stddev	.00000	.173	.00043	.00025	.00026	.01167	.0012	.0393
%RSD	.46283	.32000	49.671	5.4347	4.9521	67.794	.10414	1.5229

#1	.00072	53.976	-.00118	.00481	.00500	.02547	1.1583	2.5554
#2	.00072	54.221	-.00057	.00445	.00537	.00896	1.1566	2.6110

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	-.00000	308.14	.00012	.02880	1.4351	.00028	.00355
Stddev	.00011	.00015	.17	.00013	.00019	.0067	.00023	.00001
%RSD	2.5028	6654.7	.05664	107.92	.66351	.46988	79.780	.34497

#1	.00452	.00011	308.02	.00003	.02866	1.4399	.00044	.00354
#2	.00436	-.00011	308.27	.00022	.02893	1.4304	.00012	.00356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66379	1.7451	.00317	.00074	.00233	.0030	.24924	6.3310
Stddev	.00453	.0002	.00023	.00135	.00024	.0002	.00111	.3318
%RSD	.68210	.01140	7.2027	181.71	10.140	7.332	.44614	5.2416

#1	.66059	1.7449	.00333	.00170	.00216	.0028	.25002	6.5656
#2	.66699	1.7452	.00300	-.00021	.00250	.0031	.24845	6.0963

Sample Name: J5198-28 Acquired: 10/24/2018 18:32:52 Type: Unk
 Method: P4-ICP2(v2523) 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	.69803
Stddev	.45950
%RSD	65.827

#1	1.0229
#2	.37312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.9	36176.	4427.1	116.67	2679.4
Stddev	13.4	112.	6.7	.62	6.7
%RSD	.62025	.30870	.15135	.53325	.24989

#1	2150.4	36097.	4422.4	117.11	2674.6
#2	2169.4	36255.	4431.9	116.23	2684.1

Sample Name: J5198-30 Acquired: 10/24/2018 18:37:01 Type: Unk
Method: P4-ICP2(v2523) 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	-.00349	-.00458	.12424	.00308	.00030	.12024	.22310	-.00005
Stddev	.00180	.00061	.00238	.00078	.00178	.01494	.00024	.00003
%RSD	51.553	13.278	1.9176	25.322	600.25	12.426	.10860	69.612

#1	-.00476	-.00415	.12593	.00253	.00155	.13081	.22327	-.00007
#2	-.00222	-.00501	.12256	.00363	-.00096	.10968	.22293	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	33.245	.00025	.00420	.06889	.02537	.46646	1.2531
Stddev	.00000	.092	.00003	.00000	.00137	.01011	.00012	.0046
%RSD	.16276	.27734	12.229	.06078	1.9903	39.831	.02577	.36309

#1	.00156	33.180	.00027	.00420	.06986	.03252	.46654	1.2498
#2	.00156	33.310	.00022	.00420	.06792	.01823	.46637	1.2563

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00762	.00042	266.49	.00043	.35276	1.2456	.00047	.00579
Stddev	.00069	.00017	1.56	.00049	.01406	.0089	.00003	.00380
%RSD	9.0255	41.434	.58438	114.26	3.9866	.71106	6.4801	65.602

#1	.00811	.00054	265.39	.00008	.36270	1.2519	.00049	.00310
#2	.00713	.00029	267.59	.00078	.34281	1.2394	.00045	.00847

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80861	1.5650	.00247	.00079	.00390	.0022	.16211	6.4113
Stddev	.00498	.0126	.00015	.00170	.00049	.0016	.00026	.1873
%RSD	.61574	.80502	6.0735	214.58	12.639	73.30	.15846	2.9220

#1	.81213	1.5561	.00236	-.00041	.00425	.0034	.16193	6.5437
#2	.80509	1.5739	.00257	.00200	.00355	.0011	.16229	6.2788

Sample Name: J5198-30 Acquired: 10/24/2018 18:37:01 Type: Unk
Method: P4-ICP2(v2523) 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 .98329
%RSD 161.39

#1 .08602
#2 -1.3046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.3	36176.	4377.7	117.27	2708.1
Stddev	10.0	140.	3.3	4.87	11.9
%RSD	.45850	.38678	.07540	4.1555	.44099

#1	2170.3	36077.	4375.3	113.83	2699.6
#2	2184.4	36275.	4380.0	120.72	2716.5

Sample Name: J5199-06 Acquired: 10/24/2018 18:41:08 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00346	-.00394	.00270	.00238	-.00280	.15888	.08755	.00001
Stddev	.00082	.00015	.00033	.00036	.00106	.00836	.00046	.00010
%RSD	23.804	3.8740	12.155	15.045	37.979	5.2587	.52582	931.30

#1	-.00288	-.00383	.00246	.00263	-.00204	.15298	.08723	-.00006
#2	-.00404	-.00404	.00293	.00213	-.00355	.16479	.08788	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	10.834	-.00010	.00238	.00366	1.4113	.48471	.80001
Stddev	.00007	.003	.00014	.00020	.00043	.0360	.00101	.01522
%RSD	38.188	.03155	137.51	8.5684	11.767	2.5498	.20871	1.9024

#1	.00024	10.837	-.00020	.00253	.00396	1.3859	.48400	.81077
#2	.00014	10.832	-.00000	.00224	.00335	1.4368	.48543	.78924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	-.00053	324.84	.00051	.02091	.52758	.00014	.01028
Stddev	.00029	.00038	2.38	.00019	.00011	.01791	.00006	.00642
%RSD	6.8289	71.423	.73408	36.890	.54139	3.3938	39.866	62.408

#1	.00406	-.00080	326.52	.00038	.02099	.51492	.00018	.01482
#2	.00447	-.00026	323.15	.00064	.02083	.54024	.00010	.00574

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20667	.33032	.00329	.00251	.00165	.0009	.02939	5.7911
Stddev	.00906	.00077	.00068	.00177	.00113	.0015	.00039	.5495
%RSD	4.3841	.23288	20.816	70.540	68.530	170.4	1.3350	9.4889

#1	.21307	.33087	.00281	.00126	.00085	.0019	.02966	5.4025
#2	.20026	.32978	.00377	.00377	.00245	-.0002	.02911	6.1797

Sample Name: J5199-06 Acquired: 10/24/2018 18:41:08 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-102318 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0614
Stddev	.2527
%RSD	23.807

#1	.88274
#2	1.2401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.2	36697.	4411.9	117.06	2730.9
Stddev	29.1	66.	31.9	.98	41.3
%RSD	1.3162	.18033	.72320	.84063	1.5123

#1	2193.6	36744.	4389.3	116.37	2701.7
#2	2234.8	36651.	4434.5	117.76	2760.1

Sample Name: J5200-14 Acquired: 10/24/2018 18:45:17 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00458	.00922	.00247	-.00259	.11518	.11576	.00004
Stddev	.00073	.00022	.00015	.00097	.00057	.00766	.00023	.00005
%RSD	305.47	4.8280	1.6789	39.046	22.032	6.6466	.19848	121.00

#1	-.00076	-.00443	.00911	.00179	-.00299	.10976	.11560	.00007
#2	.00028	-.00474	.00933	.00315	-.00219	.12059	.11593	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	23.619	-.00067	.00254	.00326	.14171	.47204	2.8829
Stddev	.00009	.015	.00069	.00014	.00009	.00061	.00141	.0050
%RSD	71.270	.06509	102.57	5.4782	2.8401	.42707	.29802	.17460

#1	.00020	23.608	-.00018	.00264	.00333	.14128	.47105	2.8864
#2	.00007	23.630	-.00115	.00244	.00320	.14214	.47304	2.8793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00006	318.51	.00032	.02026	.62158	.00016	.00723
Stddev	.00046	.00028	2.44	.00012	.00022	.01797	.00027	.00381
%RSD	14.508	509.01	.76712	37.338	1.0996	2.8917	164.72	52.714

#1	.00285	-.00025	316.79	.00024	.02010	.60887	.00035	.00454
#2	.00350	.00014	320.24	.00040	.02042	.63429	-.00003	.00993

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23135	.38368	.00195	.00044	.00148	.0027	.07386	6.1070
Stddev	.00375	.01016	.00089	.00220	.00027	.0015	.00037	.5201
%RSD	1.6204	2.6470	45.389	498.42	18.236	56.80	.50046	8.5165

#1	.23400	.37650	.00133	.00200	.00168	.0038	.07360	6.4748
#2	.22870	.39086	.00258	-.00111	.00129	.0016	.07412	5.7393

Sample Name: J5200-14 Acquired: 10/24/2018 18:45:17 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .76038
Stddev .88291
%RSD 116.11

#1 1.3847
#2 .13607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.4	36186.	4387.9	116.33	2703.0
Stddev	10.3	9.	27.0	.58	3.4
%RSD	.47118	.02481	.61551	.50148	.12700

#1	2184.1	36180.	4407.0	116.74	2700.6
#2	2198.7	36193.	4368.8	115.92	2705.5

Sample Name: J5200-16 Acquired: 10/24/2018 18:49:26 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	-.00487	.00225	.00386	-.00289	.07827	.12272	-.00006
Stddev	.00288	.00047	.00022	.00152	.00095	.01920	.00047	.00001
%RSD	88.771	9.6909	9.5779	39.423	32.974	24.536	.38232	9.2439

#1	-.00529	-.00520	.00240	.00278	-.00357	.06469	.12238	-.00006
#2	-.00121	-.00453	.00210	.00493	-.00222	.09185	.12305	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	43.489	-.00073	.00328	.00146	.06736	.66746	7.4705
Stddev	.00001	.413	.00010	.00015	.00087	.00171	.00189	.0324
%RSD	6.0965	.95041	13.288	4.4528	59.283	2.5361	.28363	.43313

#1	.00019	43.197	-.00066	.00317	.00207	.06616	.66612	7.4477
#2	.00021	43.781	-.00080	.00338	.00085	.06857	.66880	7.4934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	-.00016	310.17	.00015	.01585	.58112	.00014	-.00434
Stddev	.00013	.00019	2.14	.00033	.00017	.00879	.00019	.00149
%RSD	4.0771	118.16	.69008	216.70	1.0762	1.5122	136.41	34.292

#1	.00301	-.00003	308.66	-.00008	.01573	.58734	.00027	-.00539
#2	.00318	-.00029	311.69	.00039	.01597	.57491	.00000	-.00328

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27995	.39872	.00275	.00021	.00233	.0008	.10650	6.5442
Stddev	.00234	.00215	.00029	.00196	.00039	.0009	.00041	.3693
%RSD	.83460	.53993	10.392	940.01	16.875	112.5	.38599	5.6436

#1	.27830	.40024	.00296	.00160	.00205	.0014	.10679	6.8054
#2	.28160	.39720	.00255	-.00118	.00261	.0002	.10621	6.2831

Sample Name: J5200-16 Acquired: 10/24/2018 18:49:26 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-102318 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.92501
Stddev	.00427
%RSD	.46124

#1	.92802
#2	.92199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.9	36095.	4386.0	116.91	2696.5
Stddev	9.8	62.	20.2	.64	7.6
%RSD	.44548	.17125	.46034	.54883	.28204

#1	2186.0	36139.	4400.2	117.37	2691.1
#2	2199.8	36051.	4371.7	116.46	2701.9

Sample Name: J5636-05 Acquired: 10/24/2018 18:53:34 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HP-GRID-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00333	-.00459	.00037	.00408	-.00345	.07940	.20814	.00004
Stddev	.00102	.00022	.00060	.00345	.00244	.01845	.00042	.00002
%RSD	30.712	4.6917	161.14	84.693	70.573	23.238	.19961	43.825
#1	-.00406	-.00444	.00079	.00652	-.00173	.09244	.20785	.00005
#2	-.00261	-.00475	-.00005	.00164	-.00517	.06635	.20843	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	179.30	.00031	.00283	-.00023	-.02990	.15615	2.8420
Stddev	.00001	.63	.00025	.00028	.00029	.00373	.00005	.0239
%RSD	8.2559	.35292	80.197	9.9031	130.30	12.489	.03228	.84132
#1	-.00007	178.85	.00049	.00263	-.00002	-.03254	.15611	2.8251
#2	-.00006	179.75	.00014	.00303	-.00043	-.02726	.15618	2.8589
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00856	-.00051	331.50	-.00015	.05537	1.1484	.00083	.02904
Stddev	.00012	.00024	.25	.00032	.00003	.0172	.00023	.00049
%RSD	1.3769	47.168	.07395	211.29	.04733	1.4969	28.266	1.6883
#1	.00847	-.00068	331.33	-.00037	.05539	1.1362	.00099	.02869
#2	.00864	-.00034	331.68	.00007	.05535	1.1605	.00066	.02939
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3182	.52075	.00291	-.00285	.00623	-.0019	.26285	6.8628
Stddev	.0051	.00936	.00020	.00155	.00080	.0020	.00068	.3471
%RSD	.22186	1.7973	6.7125	54.336	12.920	104.6	.25930	5.0578
#1	2.3218	.51413	.00277	-.00394	.00680	-.0005	.26237	7.1082
#2	2.3145	.52737	.00305	-.00175	.00566	-.0033	.26333	6.6173

Sample Name: J5636-05 Acquired: 10/24/2018 18:53:34 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HP-GRID-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5140
Stddev .6518
%RSD 43.048

#1 1.9749
#2 1.0532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.2	35652.	4340.5	116.68	2628.6
Stddev	3.6	102.	2.1	.24	2.4
%RSD	.16764	.28563	.04791	.20566	.09235

#1	2139.7	35580.	4341.9	116.51	2630.3
#2	2144.8	35724.	4339.0	116.84	2626.8

Sample Name: J5636-06 Acquired: 10/24/2018 18:57:43 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HP-GRID-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00373	-.00023	.00400	-.00580	.08353	.24505	-.00003
Stddev	.00557	.00015	.00094	.00014	.00115	.02060	.00125	.00006
%RSD	2829.3	4.1095	404.42	3.4348	19.867	24.667	.50950	237.01

#1	-.00374	-.00384	.00043	.00410	-.00662	.09810	.24593	-.00007
#2	.00413	-.00362	-.00090	.00390	-.00499	.06896	.24416	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	172.57	-.00021	.00269	-.00031	-.01885	.13556	2.8324
Stddev	.00011	.36	.00050	.00001	.00045	.00207	.00024	.0188
%RSD	410.76	.21128	236.30	.47804	145.67	10.997	.17528	.66403

#1	-.00005	172.31	-.00057	.00268	-.00062	-.01738	.13573	2.8457
#2	.00010	172.83	.00014	.00270	.00001	-.02032	.13540	2.8191

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00877	-.00038	323.78	.00019	.06243	.94918	.00079	.02112
Stddev	.00013	.00000	.40	.00018	.00124	.01587	.00013	.00520
%RSD	1.4318	.87012	.12476	93.907	1.9938	1.6723	16.131	24.625

#1	.00868	-.00038	323.50	.00032	.06155	.93796	.00088	.02480
#2	.00886	-.00038	324.07	.00006	.06331	.96041	.00070	.01745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5925	.33514	.00219	-.00461	.00491	-.0034	.23485	6.3143
Stddev	.0045	.00218	.00072	.00055	.00114	.0009	.00060	.3506
%RSD	.17523	.65067	32.862	11.928	23.304	27.49	.25622	5.5519

#1	2.5957	.33668	.00168	-.00500	.00410	-.0027	.23528	6.0664
#2	2.5893	.33359	.00270	-.00423	.00572	-.0040	.23443	6.5622

Sample Name: J5636-06 Acquired: 10/24/2018 18:57:43 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HP-GRID-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4301
 Stddev .4739
 %RSD 33.135

#1 1.0950
 #2 1.7652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.0	35787.	4336.4	115.55	2639.4
Stddev	5.7	51.	8.8	1.68	4.6
%RSD	.26622	.14320	.20200	1.4541	.17513

#1	2150.9	35750.	4342.6	116.73	2636.1
#2	2159.0	35823.	4330.2	114.36	2642.6

Sample Name: J5636-07 Acquired: 10/24/2018 19:01:52 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HP-GRID-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00513	.00062	.00334	-.00327	.07059	.17743	-.00011
Stddev	.00513	.00160	.00065	.00149	.00101	.02082	.00009	.00004
%RSD	417.10	31.189	103.83	44.727	30.870	29.496	.04977	32.366

#1	-.00486	-.00400	.00108	.00228	-.00256	.08531	.17737	-.00008
#2	.00240	-.00626	.00017	.00439	-.00399	.05586	.17750	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	162.75	-.00093	.00196	-.00039	-.03006	.14427	2.7177
Stddev	.00003	1.85	.00002	.00034	.00043	.00515	.00123	.0449
%RSD	46.715	1.1350	2.1045	17.571	109.00	17.141	.85443	1.6537

#1	-.00008	161.45	-.00092	.00220	-.00009	-.03370	.14339	2.7494
#2	-.00004	164.06	-.00095	.00171	-.00069	-.02641	.14514	2.6859

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	-.00019	300.94	.00079	.05551	1.1322	.00109	.03669
Stddev	.00030	.00022	2.82	.00037	.00075	.0381	.00006	.00408
%RSD	4.4815	117.72	.93790	46.292	1.3522	3.3678	5.9600	11.133

#1	.00647	-.00003	298.95	.00053	.05604	1.1052	.00104	.03958
#2	.00689	-.00035	302.94	.00105	.05498	1.1592	.00114	.03380

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6325	1.2116	.00165	-.00313	.00513	-.0033	.25239	5.4875
Stddev	.0031	.0068	.00016	.00029	.00044	.0011	.00216	.2090
%RSD	.08406	.56384	9.5835	9.0991	8.4947	32.37	.85731	3.8094

#1	3.6304	1.2068	.00154	-.00334	.00544	-.0041	.25086	5.3397
#2	3.6347	1.2164	.00176	-.00293	.00482	-.0026	.25392	5.6353

Sample Name: J5636-07 Acquired: 10/24/2018 19:01:52 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HP-GRID-C Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6195
Stddev .5538
%RSD 34.195

#1 1.2279
#2 2.0111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.9	36249.	4384.6	116.15	2668.6
Stddev	.9	129.	41.2	1.69	3.6
%RSD	.04313	.35699	.94020	1.4574	.13424

#1	2174.2	36340.	4413.8	114.96	2666.1
#2	2175.5	36157.	4355.5	117.35	2671.1

Sample Name: J5636-08 Acquired: 10/24/2018 19:06:00 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HP-GRID-D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	-.00325	-.00022	.00228	-.00414	.08180	.18662	-.00002
Stddev	.00312	.00023	.00051	.00141	.00094	.01414	.00158	.00005
%RSD	178.82	7.0129	235.96	61.581	22.699	17.289	.84688	198.94

#1	-.00046	-.00309	.00015	.00328	-.00480	.07180	.18774	-.00006
#2	.00395	-.00341	-.00058	.00129	-.00347	.09180	.18551	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	141.65	-.00004	.00164	-.00103	-.02240	.17486	2.2886
Stddev	.00002	.50	.00028	.00011	.00037	.00381	.00177	.0187
%RSD	14.190	.35201	803.88	6.9053	35.994	17.016	1.0118	.81619

#1	-.00016	141.29	.00017	.00172	-.00130	-.01970	.17611	2.3018
#2	-.00013	142.00	-.00024	.00156	-.00077	-.02509	.17361	2.2754

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	-.00020	267.68	.00023	.04663	.75117	.00069	.01757
Stddev	.00010	.00021	1.87	.00008	.00060	.00260	.00033	.00016
%RSD	1.3960	104.89	.70027	34.569	1.2951	.34650	47.812	.88993

#1	.00683	-.00035	266.35	.00028	.04620	.75301	.00092	.01746
#2	.00697	-.00005	269.00	.00017	.04705	.74933	.00046	.01768

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6729	.31858	.00281	-.00415	.00378	-.0030	.18683	4.6222
Stddev	.0033	.00386	.00038	.00074	.00103	.0005	.00004	.3419
%RSD	.19539	1.2109	13.390	17.739	27.153	16.61	.02334	7.3980

#1	1.6752	.32131	.00307	-.00363	.00450	-.0033	.18679	4.3804
#2	1.6706	.31586	.00254	-.00467	.00305	-.0026	.18686	4.8640

Sample Name: J5636-08 Acquired: 10/24/2018 19:06:00 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HP-GRID-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6659
 Stddev .2536
 %RSD 15.225

#1 1.8453
 #2 1.4866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.3	36485.	4409.6	117.71	2686.2
Stddev	6.4	65.	18.0	.57	13.9
%RSD	.29223	.17891	.40835	.48315	.51730

#1	2183.7	36531.	4422.3	118.12	2676.4
#2	2192.8	36439.	4396.8	117.31	2696.1

Sample Name: CCV08 Acquired: 10/24/2018 19:10:09 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14062 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2830	4.6994	4.8729	4.9799	5.1770	10.091	10.012	.24331
Stddev	.0360	.0228	.0174	.0036	.0138	.113	.099	.00126
%RSD	.68082	.48494	.35768	.07143	.26719	1.1215	.99305	.51968
#1	5.2576	4.6833	4.8606	4.9774	5.1672	10.011	10.082	.24242
#2	5.3085	4.7155	4.8852	4.9825	5.1868	10.171	9.9418	.24421
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3565	24.460	.92939	2.4159	1.2424	4.6113	2.4157	24.616
Stddev	.0093	.198	.00376	.0081	.0018	.0367	.0133	.209
%RSD	.39641	.80757	.40421	.33399	.14759	.79611	.55197	.84808
#1	2.3499	24.600	.92673	2.4102	1.2411	4.6373	2.4063	24.764
#2	2.3631	24.321	.93205	2.4216	1.2437	4.5854	2.4252	24.469
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3382	1.2025	23.947	2.4728	2.3547	24.909	5.1953	4.6753
Stddev	.0074	.0061	.203	.0092	.0311	.224	.0154	.0132
%RSD	.31741	.50928	.84570	.37196	1.3224	.89863	.29689	.28166
#1	2.3329	1.1982	24.090	2.4663	2.3767	25.067	5.1844	4.6846
#2	2.3434	1.2068	23.804	2.4793	2.3327	24.751	5.2062	4.6660
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8187	4.7941	4.7796	4.9105	4.9279	4.758	4.8854	F 3.5731
Stddev	.0207	.0692	.0151	.0376	.0428	.016	.0543	.2781
%RSD	.42913	1.4435	.31542	.76548	.86757	.3338	1.1115	7.7843
#1	4.8041	4.8430	4.7689	4.9371	4.9581	4.747	4.9238	3.3765
#2	4.8334	4.7451	4.7903	4.8839	4.8976	4.770	4.8470	3.7698

Sample Name: CCV08 Acquired: 10/24/2018 19:10:09 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14062 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7776
Stddev .9208
%RSD 51.803

#1 2.4288
#2 1.1265

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.8	38841.	4411.0	116.31	2834.0
Stddev	.9	193.	57.7	1.72	3.6
%RSD	.03820	.49587	1.3080	1.4767	.12628

#1	2328.4	38977.	4370.2	115.09	2836.5
#2	2327.1	38705.	4451.8	117.52	2831.5

Sample Name: CCB08 Acquired: 10/24/2018 19:13:54 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	.00010	-.00149	-.00101	-.00023	.01805	-.00303
Stddev	.00429	.00027	.00076	.00141	.00008	.00807	.00019
%RSD	202.92	274.30	51.266	139.74	36.897	44.731	6.1182

#1	.00514	.00029	-.00203	-.00201	-.00017	.02376	-.00316
#2	-.00092	-.00009	-.00095	-.00001	-.00029	.01234	-.00290

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00009	-.00592	.00006	.00005	.00009	.01710
Stddev	.00002	.00010	.00636	.00022	.00011	.00040	.00680
%RSD	43.532	102.30	107.53	338.45	231.87	433.96	39.789

#1	.00003	.00003	-.00142	.00022	.00013	-.00019	.02191
#2	.00006	.00016	-.01042	-.00009	-.00003	.00037	.01229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.06672	.00151	-.00018	-.10021	.00038	-.00026
Stddev	.00001	.00226	.00015	.00051	.02024	.00036	.00007
%RSD	46.307	3.3912	9.6171	288.92	20.200	94.795	24.959

#1	-.00002	-.06832	.00161	-.00054	-.11452	.00013	-.00031
#2	-.00004	-.06512	.00141	.00019	-.08589	.00063	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01536	.00051	-.00602	-.00272	.00414	-.00036	.00177
Stddev	.04127	.00028	.00141	.00146	.00039	.00003	.00074
%RSD	268.68	55.385	23.439	53.705	9.5209	8.7810	41.927

#1	.01382	.00070	-.00701	-.00375	.00386	-.00033	.00124
#2	-.04454	.00031	-.00502	-.00169	.00442	-.00038	.00229

Sample Name: CCB08 Acquired: 10/24/2018 19:13:54 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14062 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.0048	.00015	F .22535	F<.00000
Stddev	.00006	.0013	.00001	.75224	.00685
%RSD	3.6379	26.73	8.6107	333.82	.81556

#1	-.00182	-.0057	.00016	-.30657	-.83502
#2	-.00173	-.0039	.00014	.75726	-.84471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.1	40356.	4403.7	118.49	3115.4
Stddev	.3	61.	2.1	2.98	1.7
%RSD	.01187	.15133	.04817	2.5114	.05462

#1	2414.9	40399.	4405.2	116.38	3114.1
#2	2415.3	40313.	4402.2	120.59	3116.6

Sample Name: J5639-04 Acquired: 10/24/2018 19:18:00 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-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	-.00035	-.00479	.00458	.00181	-.00226	.20789	.15346	.00011
Stddev	.00048	.00081	.00139	.00262	.00103	.00929	.00118	.00003
%RSD	137.74	16.877	30.340	144.55	45.475	4.4696	.77138	31.548

#1	-.00001	-.00422	.00556	-.00004	-.00153	.21446	.15430	.00013
#2	-.00069	-.00536	.00359	.00366	-.00299	.20132	.15262	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	16.752	.00052	.00469	.00643	.16147	.19417	.84357
Stddev	.00014	.088	.00004	.00002	.00065	.00731	.00013	.00957
%RSD	189.70	.52653	7.1475	.38794	10.033	4.5280	.06704	1.1348

#1	.00017	16.690	.00055	.00468	.00689	.15630	.19426	.83680
#2	-.00003	16.815	.00049	.00470	.00598	.16664	.19407	.85034

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	-.00022	267.24	.00040	.04385	1.1057	.00033	.00030
Stddev	.00015	.00020	1.12	.00046	.00016	.0150	.00017	.00303
%RSD	2.1577	92.362	.41944	115.26	.37346	1.3615	51.028	1017.3

#1	.00666	-.00008	268.03	.00007	.04396	1.0951	.00045	.00244
#2	.00687	-.00036	266.45	.00072	.04373	1.1164	.00021	-.00184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64617	1.8959	.00160	.00253	.00127	.0007	.04484	4.6188
Stddev	.00792	.0109	.00039	.00010	.00156	.0017	.00016	.3256
%RSD	1.2254	.57224	24.329	3.7677	122.50	239.8	.36316	7.0492

#1	.65176	1.9036	.00187	.00246	.00017	.0019	.04495	4.8490
#2	.64057	1.8883	.00132	.00259	.00237	-.0005	.04472	4.3885

Sample Name: J5639-04 Acquired: 10/24/2018 19:18:00 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .03323
Stddev .86745
%RSD 2610.8

#1 -.58016
#2 .64661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.2	37103.	4441.9	114.49	2763.7
Stddev	10.6	120.	.1	.89	12.5
%RSD	.47293	.32465	.00333	.77718	.45261

#1	2240.6	37018.	4442.0	113.86	2754.8
#2	2255.7	37188.	4441.8	115.12	2772.5

Sample Name: J5639-08 Acquired: 10/24/2018 19:22:09 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00371	.00161	.00459	-.00217	.26920	.16769	.00014
Stddev	.00237	.00021	.00061	.00120	.00147	.01316	.00090	.00003
%RSD	137.22	5.7625	38.037	26.087	67.768	4.8903	.53682	22.231

#1	.00340	-.00355	.00118	.00374	-.00321	.27850	.16832	.00012
#2	.00005	-.00386	.00204	.00543	-.00113	.25989	.16705	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	16.392	.00136	.00529	.00303	.31330	.17409	.87623
Stddev	.00009	.078	.00044	.00019	.00024	.01410	.00126	.00735
%RSD	92.648	.47822	32.206	3.5627	7.9741	4.4996	.72144	.83935

#1	.00015	16.336	.00167	.00515	.00286	.30334	.17321	.87103
#2	.00003	16.447	.00105	.00542	.00320	.32327	.17498	.88144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00722	-.00066	303.53	-.00003	.02646	1.0145	.00043	.00041
Stddev	.00027	.00020	2.01	.00031	.00072	.0486	.00015	.00411
%RSD	3.8019	30.184	.66205	1074.3	2.7149	4.7945	33.616	994.48

#1	.00741	-.00080	302.11	.00019	.02595	.98013	.00053	-.00249
#2	.00702	-.00052	304.95	-.00025	.02697	1.0489	.00033	.00332

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63687	1.9728	.00269	.00340	.00094	-.0005	.03588	4.4319
Stddev	.00517	.0171	.00137	.00067	.00018	.0007	.00001	.0976
%RSD	.81235	.86512	51.002	19.560	18.827	132.1	.02157	2.2028

#1	.63321	1.9607	.00172	.00387	.00107	-.0010	.03589	4.5009
#2	.64053	1.9848	.00366	.00293	.00082	-.0000	.03588	4.3628

Sample Name: J5639-08 Acquired: 10/24/2018 19:22:09 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .04321
Stddev .55949
%RSD 1294.9

#1 -.35241
#2 .43883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.2	37040.	4490.6	117.41	2771.1
Stddev	5.9	109.	39.3	1.91	11.8
%RSD	.25970	.29436	.87586	1.6261	.42452

#1	2263.1	37117.	4518.4	118.76	2762.8
#2	2271.4	36963.	4462.8	116.06	2779.4

Sample Name: J5639-12 Acquired: 10/24/2018 19:26:18 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	-.00369	.00392	.00355	-.00383	.26099	.15769	.00009
Stddev	.00404	.00031	.00085	.00284	.00073	.01112	.00016	.00003
%RSD	478.48	8.5228	21.693	80.060	19.113	4.2597	.10015	29.564

#1	.00201	-.00346	.00332	.00555	-.00435	.25313	.15780	.00011
#2	-.00370	-.00391	.00452	.00154	-.00332	.26885	.15758	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	18.315	.00119	.00462	.00401	.18269	.18397	.84648
Stddev	.00002	.005	.00013	.00002	.00021	.00201	.00132	.00597
%RSD	18.926	.02928	11.120	.47963	5.3429	1.1017	.71536	.70560

#1	.00008	18.311	.00110	.00463	.00416	.18411	.18490	.85071
#2	.00011	18.319	.00129	.00460	.00386	.18126	.18304	.84226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00720	.00000	293.81	.00015	.03253	1.1126	.00044	.00605
Stddev	.00031	.00007	1.31	.00018	.00026	.0436	.00006	.00372
%RSD	4.3158	12017.	.44419	122.94	.81107	3.9182	14.495	61.556

#1	.00698	.00005	292.89	.00002	.03234	1.0818	.00048	.00868
#2	.00742	-.00005	294.74	.00028	.03272	1.1435	.00039	.00342

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70950	2.1284	.00161	.00250	.00143	.0003	.04081	3.8200
Stddev	.00541	.0044	.00036	.00191	.00068	.0017	.00033	.3184
%RSD	.76189	.20770	22.194	76.279	47.341	572.6	.81943	8.3347

#1	.70568	2.1315	.00136	.00115	.00095	-.0009	.04105	3.5949
#2	.71333	2.1253	.00187	.00385	.00191	.0015	.04058	4.0452

Sample Name: J5639-12 Acquired: 10/24/2018 19:26:18 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .95966
Stddev .43757
%RSD 45.596

#1 1.2691
#2 .65025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.7	37297.	4471.3	117.54	2766.9
Stddev	6.9	56.	9.9	.28	6.8
%RSD	.30524	.14930	.22090	.23563	.24570

#1	2255.8	37258.	4478.3	117.73	2762.1
#2	2265.6	37336.	4464.3	117.34	2771.7

Sample Name: J5642-02 Acquired: 10/24/2018 19:30:28 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00415	-.00518	.00213	.00281	-.00348	.13314	.06658	-.00005
Stddev	.00431	.00047	.00034	.00069	.00086	.00646	.00117	.00006
%RSD	103.78	9.1194	16.034	24.609	24.714	4.8511	1.7542	116.88

#1	-.00111	-.00485	.00189	.00330	-.00409	.12858	.06576	-.00010
#2	-.00720	-.00551	.00237	.00232	-.00287	.13771	.06741	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	4.4542	-.00012	.00189	.01453	.42178	.19651	.74696
Stddev	.00009	.0384	.00045	.00006	.00009	.01460	.00141	.00636
%RSD	56.059	.86171	386.87	3.4266	.60783	3.4617	.71763	.85118

#1	.00010	4.4271	-.00043	.00194	.01447	.41145	.19552	.75145
#2	.00024	4.4813	.00020	.00185	.01459	.43210	.19751	.74246

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00481	-.00036	332.22	-.00001	.06275	.61805	.00018	.00866
Stddev	.00087	.00024	8.99	.00021	.00087	.00351	.00004	.00735
%RSD	18.001	66.849	2.7062	1652.0	1.3926	.56814	22.300	84.935

#1	.00420	-.00053	325.86	.00014	.06213	.61557	.00021	.00346
#2	.00542	-.00019	338.57	-.00016	.06337	.62053	.00015	.01386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06649	.50312	.00207	.00284	.00280	.0004	.02501	4.5626
Stddev	.00408	.01173	.00074	.00051	.00033	.0003	.00002	.2557
%RSD	6.1389	2.3317	35.838	18.025	11.845	79.55	.06189	5.6035

#1	.06360	.49482	.00260	.00320	.00303	.0007	.02499	4.7434
#2	.06937	.51141	.00155	.00248	.00256	.0002	.02502	4.3818

Sample Name: J5642-02 Acquired: 10/24/2018 19:30:28 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200044 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.90931
Stddev	.28798
%RSD	31.670

#1	1.1129
#2	.70568

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.7	36902.	4417.2	118.73	2759.4
Stddev	11.2	41.	75.6	1.33	11.0
%RSD	.49862	.11215	1.7108	1.1217	.40007

#1	2245.8	36931.	4470.6	119.67	2751.6
#2	2261.7	36873.	4363.8	117.78	2767.2

Sample Name: J5647-01 Acquired: 10/24/2018 19:34:37 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-MTB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00627	-.00385	.02685	.00302	-.00391	.11102	.09932	-.00007
Stddev	.00135	.00094	.00101	.00193	.00043	.00551	.00084	.00006
%RSD	21.525	24.342	3.7716	63.735	11.071	4.9606	.84110	77.170

#1	-.00532	-.00452	.02757	.00166	-.00422	.11492	.09991	-.00003
#2	-.00722	-.00319	.02614	.00439	-.00361	.10713	.09873	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	122.99	.00082	.00197	.00683	.00316	.21295	1.3590
Stddev	.00005	.26	.00015	.00002	.00039	.00449	.00005	.0102
%RSD	1.6297	.21464	17.952	.83570	5.6817	142.37	.02301	.74893

#1	.00289	123.17	.00072	.00196	.00711	.00633	.21299	1.3662
#2	.00283	122.80	.00093	.00199	.00656	-.00002	.21292	1.3518

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	-.00047	293.52	.00176	5.4987	1.3005	-.00006	.00653
Stddev	.00029	.00045	1.52	.00033	.1174	.0291	.00000	.00015
%RSD	4.7952	96.140	.51786	18.598	2.1352	2.2408	4.9914	2.3010

#1	.00624	-.00015	294.60	.00153	5.5817	1.3211	-.00005	.00663
#2	.00583	-.00079	292.45	.00199	5.4157	1.2799	-.00006	.00642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4613	4.6459	.00311	-.00170	.00893	.0192	.35249	5.2311
Stddev	.0087	.0053	.00120	.00044	.00031	.0018	.00147	.0002
%RSD	.59569	.11516	38.553	25.851	3.5199	9.244	.41728	.00456

#1	1.4551	4.6497	.00396	-.00139	.00915	.0179	.35353	5.2309
#2	1.4675	4.6421	.00226	-.00201	.00871	.0204	.35145	5.2313

Sample Name: J5647-01 Acquired: 10/24/2018 19:34:37 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-MTB Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6083
 Stddev .1517
 %RSD 9.4321

#1 1.7155
 #2 1.5010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.9	36340.	4398.3	115.86	2683.8
Stddev	8.5	113.	24.3	3.04	2.3
%RSD	.38440	.31229	.55165	2.6241	.08553

#1	2196.9	36259.	4381.1	113.71	2682.2
#2	2208.9	36420.	4415.4	118.01	2685.4

Sample Name: PB114132BL Acquired: 10/24/2018 19:38:44 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	-.00106	-.00076	-.00008	-.00238	.00688	-.00271
Stddev	.00045	.00085	.00117	.00365	.00084	.00041	.00023
%RSD	14.823	80.228	155.27	4459.1	35.129	5.9990	8.5935

#1	.00335	-.00167	-.00159	-.00267	-.00297	.00659	-.00254
#2	.00272	-.00046	.00007	.00250	-.00179	.00718	-.00287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00010	-.00731	-.00041	-.00000	-.00006	.01022
Stddev	.00000	.00006	.01979	.00009	.00018	.00005	.00270
%RSD	251.37	54.084	270.72	22.695	29509.	86.208	26.465

#1	.00000	.00006	-.02131	-.00034	.00013	-.00010	.01213
#2	-.00000	.00014	.00669	-.00047	-.00013	-.00002	.00831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.05458	.00143	-.00029	-.04825	-.00029	-.00022
Stddev	.00004	.02405	.00027	.00005	.00661	.00028	.00004
%RSD	116.05	44.061	19.059	15.980	13.696	97.858	18.899

#1	.00001	-.07159	.00123	-.00026	-.05292	-.00009	-.00025
#2	.00006	-.03758	.00162	-.00032	-.04357	-.00049	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01014	.00005	-.00500	.00206	-.00034	.00039	.00017
Stddev	.01124	.00005	.00409	.00456	.00153	.00063	.00035
%RSD	110.87	86.800	81.820	221.36	445.28	159.15	201.90

#1	.01808	.00002	-.00790	-.00117	.00074	-.00005	.00042
#2	.00219	.00009	-.00211	.00529	-.00142	.00084	-.00007

Sample Name: PB114132BL Acquired: 10/24/2018 19:38:44 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14063 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.0022	.00011	F .98105	F<.00000
Stddev	.00024	.0002	.00005	.06536	.06452
%RSD	69.087	10.87	39.850	6.6620	8.4959

#1	-.00017	-.0020	.00008	1.0273	-.80508
#2	-.00051	-.0023	.00015	.93483	-.71383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.7	40127.	4447.8	120.09	3130.7
Stddev	11.4	77.	55.1	.38	18.8
%RSD	.46953	.19233	1.2392	.31403	.60086

#1	2428.6	40072.	4408.8	120.36	3117.4
#2	2444.8	40181.	4486.8	119.83	3144.0

Sample Name: PB114132BS Acquired: 10/24/2018 19:42:49 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79988	1.8330	.92737	1.9231	.77151	1.9493	.20033
Stddev	.00150	.0050	.00150	.0025	.00204	.0025	.00023
%RSD	.18736	.27482	.16136	.13002	.26378	.12689	.11260

#1	.80094	1.8366	.92631	1.9213	.77295	1.9476	.20017
#2	.79882	1.8294	.92843	1.9249	.77007	1.9511	.20049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19071	.17995	.98650	.36847	.18537	.30355	2.7325
Stddev	.00021	.00010	.00568	.00009	.00011	.00034	.0461
%RSD	.11215	.05834	.57613	.02399	.05774	.11316	1.6882

#1	.19056	.17988	.99052	.36853	.18545	.30331	2.6999
#2	.19086	.18003	.98248	.36841	.18530	.30379	2.7651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19925	1.8742	.45265	.06824	2.7457	.29299	.18722
Stddev	.00005	.0318	.00030	.00005	.0003	.00115	.00374
%RSD	.02453	1.6948	.06591	.06668	.01062	.39412	1.9955

#1	.19929	1.8517	.45244	.06821	2.7459	.29218	.18458
#2	.19922	1.8966	.45286	.06827	2.7455	.29381	.18986

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7515	.39749	.27329	F -.00455	.89976	.62003	.19284
Stddev	.0285	.00015	.00513	.00168	.01018	.00026	.00081
%RSD	.29173	.03728	1.8769	37.006	1.1312	.04245	.41869

#1	9.7314	.39760	.26967	-.00336	.89257	.61985	.19342
#2	9.7716	.39739	.27692	-.00574	.90696	.62022	.19227

Sample Name: PB114132BS Acquired: 10/24/2018 19:42:49 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14063 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19593	F 5.118	.19300	F 1.5296	F<.00000
Stddev	.00121	.008	.00217	.0394	.24348
%RSD	.61603	.1579	1.1258	2.5776	8.5084

#1	.19507	5.123	.19454	1.5575	-2.6895
#2	.19678	5.112	.19146	1.5017	-3.0338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.1	39595.	4348.7	118.14	3073.9
Stddev	8.7	40.	6.2	2.15	10.5
%RSD	.36070	.09983	.14203	1.8165	.34049

#1	2406.9	39567.	4353.1	119.66	3066.5
#2	2419.3	39623.	4344.3	116.62	3081.3

Sample Name: J5640-02 Acquired: 10/24/2018 19:46:42 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00848	-.00140	.00111	.00081	-.00380	.02357	.01572	-.00001
Stddev	.00175	.00229	.00086	.00094	.00104	.00403	.00028	.00003
%RSD	20.620	163.52	76.899	115.74	27.307	17.085	1.8101	543.13
#1	.00972	.00022	.00051	.00015	-.00453	.02072	.01552	.00002
#2	.00724	-.00302	.00172	.00147	-.00306	.02641	.01592	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	68.976	-.00078	-.00030	.00108	.00214	.00784	160.97
Stddev	.00009	.977	.00012	.00042	.00054	.00362	.00002	.11
%RSD	457.82	1.4170	15.993	143.00	49.886	169.00	.23125	.07095
#1	-.00008	68.285	-.00087	-.00060	.00146	.00471	.00786	161.05
#2	.00004	69.667	-.00069	.00000	.00070	-.00042	.00783	160.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00007	1199.8	.00071	.00049	53.399	.00136	.51945
Stddev	.00058	.00017	15.0	.00052	.00010	.604	.00030	.01112
%RSD	32.138	243.74	1.2464	73.145	20.383	1.1305	22.220	2.1398
#1	-.00140	.00005	1189.2	.00108	.00042	52.972	.00114	.51159
#2	-.00222	-.00018	1210.4	.00035	.00056	53.825	.00157	.52731
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.66	1.3857	-.04306	-.00182	.02093	.0723	.98305	6.3719
Stddev	.13	.0158	.00168	.00153	.00029	.0018	.01286	.0824
%RSD	.10548	1.1430	3.9047	84.141	1.4037	2.502	1.3082	1.2932
#1	122.75	1.3745	-.04187	-.00291	.02113	.0710	.97395	6.4302
#2	122.56	1.3969	-.04425	-.00074	.02072	.0736	.99214	6.3136

Sample Name: J5640-02 Acquired: 10/24/2018 19:46:42 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0745
Stddev .2459
%RSD 4.8464

#1 5.2484
#2 4.9006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.7	35201.	4449.4	119.11	2532.3
Stddev	5.0	260.	57.4	1.26	.3
%RSD	.22228	.73979	1.2896	1.0561	.01246

#1	2251.2	35385.	4490.0	120.00	2532.0
#2	2258.3	35016.	4408.9	118.22	2532.5

Sample Name: J5640-03 Acquired: 10/24/2018 19:50:50 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00425	-.00182	.00082	.00153	-.00496	.03035	.01455	.00002
Stddev	.00015	.00023	.00210	.00016	.00307	.00467	.00051	.00006
%RSD	3.5612	12.524	256.26	10.716	61.782	15.394	3.5100	318.50
#1	.00414	-.00198	-.00067	.00165	-.00713	.02705	.01491	-.00002
#2	.00436	-.00166	.00231	.00142	-.00280	.03365	.01419	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	62.224	-.00079	-.00024	.00168	.01045	.00681	135.41
Stddev	.00014	.939	.00005	.00009	.00016	.00191	.00002	.96
%RSD	81.560	1.5087	6.4792	39.943	9.7468	18.263	.31376	.70928
#1	-.00028	62.888	-.00083	-.00017	.00180	.00910	.00679	136.09
#2	-.00007	61.561	-.00075	-.00030	.00157	.01180	.00682	134.73
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	-.00018	1032.8	.00150	.00021	45.188	.00152	.44796
Stddev	.00066	.00096	20.1	.00055	.00005	.521	.00035	.01000
%RSD	44.210	522.15	1.9490	36.377	22.128	1.1534	22.914	2.2326
#1	-.00103	.00049	1047.1	.00189	.00025	45.556	.00128	.45503
#2	-.00197	-.00086	1018.6	.00111	.00018	44.819	.00177	.44089
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 103.71	1.3973	-.03567	-.00355	.01662	.0669	.85043	5.7819
Stddev	2.35	.0179	.00021	.00050	.00155	.0003	.00670	.0889
%RSD	2.2658	1.2804	.58828	14.080	9.3177	.4964	.78744	1.5376
#1	102.05	1.4099	-.03581	-.00391	.01772	.0666	.85516	5.7191
#2	105.37	1.3846	-.03552	-.00320	.01553	.0671	.84569	5.8448

Sample Name: J5640-03 Acquired: 10/24/2018 19:50:50 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5709
Stddev	.3194
%RSD	6.9875

#1	4.3451
#2	4.7968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.3	35561.	4438.1	117.21	2550.2
Stddev	43.8	2.	63.0	.62	49.8
%RSD	1.9432	.00542	1.4191	.52780	1.9543

#1	2283.3	35562.	4393.6	116.77	2585.4
#2	2221.4	35559.	4482.7	117.64	2515.0

Sample Name: J5640-04 Acquired: 10/24/2018 19:54:57 Type: Unk
 Method: P4-ICP2(v2523) Mode: 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	.00639	-.00343	.00341	.00488	-.00511	.04243	.01492	.00014
Stddev	.00021	.00115	.00076	.00263	.00226	.00970	.00039	.00007
%RSD	3.2263	33.485	22.376	53.867	44.253	22.852	2.6005	49.303
#1	.00625	-.00262	.00395	.00674	-.00351	.03558	.01519	.00018
#2	.00654	-.00424	.00287	.00302	-.00671	.04929	.01464	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	133.98	-.00116	-.00070	.00091	-.02768	.01308	393.23
Stddev	.00009	1.26	.00026	.00025	.00000	.00250	.00026	2.90
%RSD	63.167	.94138	22.622	35.185	.37998	9.0449	1.9754	.73640
#1	-.00008	133.09	-.00098	-.00088	.00091	-.02591	.01290	391.18
#2	-.00020	134.87	-.00135	-.00053	.00091	-.02945	.01327	395.27
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	-.00089	F 2529.6	.00168	.00077	136.96	.00284	1.2818
Stddev	.00003	.00038	12.8	.00001	.00002	1.50	.00034	.0013
%RSD	.77577	43.375	.50415	.55964	2.0777	1.0973	11.977	.09768
#1	-.00333	-.00116	2538.7	.00167	.00079	135.89	.00260	1.2827
#2	-.00329	-.00061	2520.6	.00169	.00076	138.02	.00308	1.2810
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 321.88	1.2640	-.11614	-.00528	.06164	.1016	2.3299	9.1719
Stddev	1.99	.0265	.00087	.00088	.00127	.0001	.0203	.2254
%RSD	.61695	2.1001	.75187	16.688	2.0603	.1450	.87170	2.4575
#1	320.48	1.2452	-.11552	-.00591	.06074	.1015	2.3156	9.0125
#2	323.29	1.2827	-.11676	-.00466	.06254	.1017	2.3443	9.3313

Sample Name: J5640-04 Acquired: 10/24/2018 19:54:57 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.0504
Stddev .3893
%RSD 5.5217

#1 6.7751
#2 7.3257

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.7	31964.	4220.0	109.50	2203.7
Stddev	15.4	105.	38.6	.40	15.0
%RSD	.74723	.32741	.91413	.36924	.67968

#1	2068.6	32038.	4247.2	109.78	2214.3
#2	2046.9	31890.	4192.7	109.21	2193.1

Sample Name: CCV09 Acquired: 10/24/2018 19:59:05 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7604 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3391	4.8162	4.9306	5.0843	5.2492	10.252	10.107	.24626
Stddev	.0051	.0052	.0041	.0057	.0002	.081	.030	.00081
%RSD	.09606	.10687	.08290	.11210	.00428	.79248	.29685	.32831

#1	5.3355	4.8125	4.9335	5.0883	5.2490	10.309	10.128	.24569
#2	5.3428	4.8198	4.9277	5.0803	5.2493	10.194	10.086	.24683

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3970	24.440	.95746	2.4510	1.2641	4.7859	2.4563	24.589
Stddev	.0012	.030	.00350	.0002	.0009	.0407	.0047	.079
%RSD	.05047	.12250	.36505	.00757	.07065	.85122	.19312	.32030

#1	2.3979	24.461	.95499	2.4512	1.2634	4.8147	2.4530	24.534
#2	2.3962	24.419	.95993	2.4509	1.2647	4.7571	2.4597	24.645

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3926	1.2254	26.030	2.5100	2.4871	25.686	5.2149	4.7313
Stddev	.0018	.0010	.024	.0016	.0417	.024	.0129	.0083
%RSD	.07303	.07996	.09349	.06466	1.6759	.09172	.24676	.17473

#1	2.3938	1.2261	26.012	2.5088	2.5166	25.703	5.2058	4.7255
#2	2.3914	1.2248	26.047	2.5111	2.4576	25.670	5.2240	4.7372

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9156	4.7696	4.8488	4.9684	4.9895	4.901	4.9629	F 3.5172
Stddev	.0050	.0243	.0035	.0045	.0040	.014	.0146	.1529
%RSD	.10277	.50870	.07241	.08969	.08119	.2830	.29323	4.3478

#1	4.9191	4.7525	4.8512	4.9653	4.9924	4.891	4.9732	3.6253
#2	4.9120	4.7868	4.8463	4.9716	4.9867	4.910	4.9526	3.4091

Sample Name: CCV09 Acquired: 10/24/2018 19:59:05 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7604 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7625
Stddev .0395
%RSD 2.2392

#1 1.7346
#2 1.7904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.4	38054.	4376.6	113.34	2783.6
Stddev	3.0	156.	5.1	2.18	8.3
%RSD	.12940	.40973	.11752	1.9251	.29754

#1	2303.3	37944.	4380.3	111.80	2777.7
#2	2307.5	38164.	4373.0	114.88	2789.4

Sample Name: CCB09 Acquired: 10/24/2018 20:02:51 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7604 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	-.00039	-.00156	.00102	-.00129	.01231	-.00334
Stddev	.00290	.00007	.00053	.00015	.00084	.00214	.00107
%RSD	136.25	18.819	33.818	14.619	65.318	17.350	31.994

#1	.00008	-.00044	-.00119	.00092	-.00189	.01080	-.00409
#2	.00417	-.00034	-.00193	.00113	-.00069	.01382	-.00258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00008	-.00262	-.00055	-.00003	.00027	.01082
Stddev	.00005	.00007	.01161	.00014	.00005	.00005	.00975
%RSD	305.78	95.374	443.09	25.329	190.10	17.224	90.117

#1	-.00002	.00003	-.01083	-.00065	.00001	.00024	.01772
#2	.00005	.00013	.00559	-.00045	-.00006	.00030	.00393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00626	.00180	-.00059	F 1.0199	-.00010	-.00025
Stddev	.00004	.01254	.00007	.00031	.0118	.00014	.00002
%RSD	71.220	200.52	3.8674	52.718	1.1605	142.20	6.3447

#1	-.00003	.00261	.00175	-.00081	1.0115	.00000	-.00024
#2	-.00009	-.01513	.00185	-.00037	1.0282	-.00020	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35062	.00054	-.00539	-.00230	.00078	.00081	.00109
Stddev	.00420	.00019	.00019	.00095	.00032	.00043	.00089
%RSD	1.1970	34.962	3.4890	41.340	40.721	52.888	81.562

#1	.34766	.00067	-.00526	-.00163	.00101	.00051	.00046
#2	.35359	.00041	-.00552	-.00297	.00056	.00111	.00171

Sample Name: CCB09 Acquired: 10/24/2018 20:02:51 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7604 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00613	-.0009	.00014	F .14947	F<.00000
Stddev	.00001	.0005	.00002	.72250	.71482
%RSD	.12903	62.47	11.030	483.39	58.920

#1	.00613	-.0005	.00016	-.36142	-.70776
#2	.00614	-.0012	.00013	.66035	-1.7187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.5	40052.	4469.4	121.76	3117.5
Stddev	8.4	53.	62.3	4.20	16.6
%RSD	.34503	.13307	1.3936	3.4505	.53159

#1	2424.6	40090.	4425.3	118.79	3105.8
#2	2436.4	40014.	4513.4	124.73	3129.2

Sample Name: J5640-05 Acquired: 10/24/2018 20:06:57 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00843	-.00140	.00160	.00320	-.00479	.04160	.01562	.00006
Stddev	.00092	.00220	.00045	.00126	.00031	.00689	.00046	.00002
%RSD	10.917	157.04	28.021	39.447	6.4875	16.558	2.9489	37.232

#1	.00908	-.00295	.00192	.00409	-.00457	.03673	.01530	.00004
#2	.00778	.00015	.00129	.00231	-.00501	.04647	.01595	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	77.127	.00007	-.00011	.00084	.00393	.01090	187.47
Stddev	.00013	2.610	.00011	.00002	.00050	.00858	.00012	5.02
%RSD	65.229	3.3840	147.55	21.199	59.056	218.40	1.0677	2.6776

#1	-.00030	75.281	-.00000	-.00013	.00120	-.00214	.01098	183.92
#2	-.00011	78.972	.00015	-.00009	.00049	.01000	.01081	191.02

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	.00005	1377.0	.00116	.00058	63.007	.00215	.61335
Stddev	.00033	.00002	44.3	.00011	.00002	1.748	.00011	.01085
%RSD	62.204	38.978	3.2174	9.3209	4.1501	2.7746	4.9359	1.7687

#1	-.00030	.00004	1345.7	.00124	.00057	61.771	.00223	.60568
#2	-.00076	.00007	1408.4	.00109	.00060	64.243	.00208	.62102

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.68	1.4020	-.05087	-.00280	.02411	.0789	1.1453	5.6032
Stddev	.20	.0259	.00157	.00100	.00230	.0012	.0326	.3487
%RSD	.13851	1.8457	3.0775	35.597	9.5337	1.533	2.8502	6.2233

#1	142.54	1.3837	-.04977	-.00210	.02248	.0797	1.1222	5.3567
#2	142.82	1.4203	-.05198	-.00351	.02573	.0780	1.1684	5.8498

Sample Name: J5640-05 Acquired: 10/24/2018 20:06:57 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.3283
Stddev .2914
%RSD 5.4681

#1 5.5343
#2 5.1222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.2	35047.	4312.6	114.78	2465.9
Stddev	3.5	107.	122.2	1.41	5.4
%RSD	.15626	.30463	2.8330	1.2264	.22096

#1	2222.7	35122.	4399.0	115.78	2469.8
#2	2217.8	34971.	4226.2	113.79	2462.1

Sample Name: J5640-06 Acquired: 10/24/2018 20:11:06 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00836	-.00125	.00166	.00219	-.00375	.03047	.01506	.00008
Stddev	.00048	.00036	.00099	.00087	.00002	.01400	.00009	.00002
%RSD	5.7201	28.955	59.734	39.884	.61909	45.945	.60947	29.058

#1	.00802	-.00151	.00096	.00281	-.00376	.02057	.01512	.00010
#2	.00870	-.00100	.00236	.00157	-.00373	.04037	.01499	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	70.689	.00045	-.00031	.00119	.19346	.01099	167.33
Stddev	.00003	.288	.00052	.00042	.00021	.00835	.00015	.01
%RSD	45.352	.40761	114.41	138.22	17.357	4.3159	1.3424	.00777

#1	-.00004	70.893	.00009	-.00001	.00105	.18756	.01088	167.33
#2	-.00008	70.486	.00082	-.00060	.00134	.19937	.01109	167.32

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00014	1227.0	.00161	.00050	55.825	.00170	.53516
Stddev	.00069	.00006	3.8	.00008	.00002	.193	.00007	.00758
%RSD	388.43	46.699	.31375	4.7008	4.1832	.34634	4.0016	1.4163

#1	.00031	-.00018	1229.8	.00166	.00051	55.961	.00175	.52980
#2	-.00067	-.00009	1224.3	.00155	.00049	55.688	.00165	.54052

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 127.17	1.3725	-.04323	-.00124	.02234	.0760	1.0288	6.1622
Stddev	.18	.0022	.00072	.00189	.00056	.0036	.0028	.0585
%RSD	.14206	.16316	1.6595	152.70	2.5289	4.793	.26778	.94927

#1	127.30	1.3709	-.04272	-.00257	.02274	.0735	1.0308	6.1209
#2	127.04	1.3741	-.04374	.00010	.02194	.0786	1.0269	6.2036

Sample Name: J5640-06 Acquired: 10/24/2018 20:11:06 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1057
Stddev	.9394
%RSD	18.399

#1	5.7699
#2	4.4414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.4	34980.	4393.7	116.69	2496.1
Stddev	2.9	106.	16.8	.50	3.5
%RSD	.12808	.30297	.38168	.42820	.14164

#1	2233.3	35055.	4381.8	116.34	2498.6
#2	2237.4	34906.	4405.5	117.04	2493.6

Sample Name: J5640-07 Acquired: 10/24/2018 20:15:13 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00748	-.00001	.00204	.00498	-.00376	.01727	.01512	.00015
Stddev	.00256	.00051	.00015	.00307	.00057	.00789	.00064	.00004
%RSD	34.276	4961.2	7.2577	61.660	15.067	45.694	4.2586	25.496

#1	.00929	.00035	.00194	.00715	-.00336	.01169	.01466	.00017
#2	.00566	-.00037	.00215	.00281	-.00416	.02285	.01557	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	68.190	-.00086	-.00037	.00069	.00466	.00879	156.21
Stddev	.00014	.480	.00034	.00041	.00022	.00940	.00006	.62
%RSD	155.68	.70438	39.570	112.32	31.744	201.60	.70162	.39453

#1	.00001	67.850	-.00110	-.00008	.00085	.01131	.00883	155.78
#2	-.00019	68.530	-.00062	-.00066	.00054	-.00198	.00875	156.65

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00066	1158.6	.00120	.00011	52.450	.00142	.50717
Stddev	.00076	.00023	10.6	.00003	.00004	.279	.00028	.01082
%RSD	44.933	35.627	.91189	2.7511	40.112	.53133	19.673	2.1337

#1	-.00115	-.00049	1166.1	.00118	.00008	52.253	.00122	.49952
#2	-.00222	-.00083	1151.1	.00123	.00014	52.647	.00162	.51482

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.48	1.4103	-.04178	-.00148	.02060	.0741	.97457	5.5820
Stddev	.95	.0005	.00082	.00299	.00090	.0011	.00819	.1534
%RSD	.78556	.03681	1.9536	202.42	4.3527	1.483	.84047	2.7484

#1	119.81	1.4100	-.04120	.00064	.01997	.0748	.96877	5.4735
#2	121.15	1.4107	-.04236	-.00359	.02124	.0733	.98036	5.6905

Sample Name: J5640-07 Acquired: 10/24/2018 20:15:13 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.5187
Stddev	.6682
%RSD	12.108

#1	5.9912
#2	5.0462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2211.3	34925.	4398.9	117.95	2479.4
Stddev	7.9	21.	31.5	.31	12.0
%RSD	.35737	.06002	.71521	.26413	.48348

#1	2216.9	34911.	4421.2	117.73	2487.9
#2	2205.7	34940.	4376.7	118.17	2471.0

Sample Name: J5640-08 Acquired: 10/24/2018 20:19:21 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00599	-.00125	.00110	.00160	-.00535	.01601	.01592	.00015
Stddev	.00081	.00188	.00145	.00172	.00063	.00351	.00006	.00005
%RSD	13.476	151.22	132.07	107.92	11.762	21.946	.39418	30.898

#1	.00542	.00009	.00213	.00038	-.00490	.01850	.01596	.00012
#2	.00656	-.00258	.00007	.00281	-.00579	.01353	.01587	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	64.773	-.00090	-.00039	.00101	.00266	.00799	144.31
Stddev	.00009	.764	.00012	.00002	.00036	.00678	.00006	1.01
%RSD	72.061	1.1792	13.374	5.5623	35.470	254.57	.74488	.70058

#1	-.00006	65.313	-.00081	-.00040	.00126	-.00213	.00795	145.03
#2	-.00020	64.233	-.00098	-.00037	.00076	.00746	.00804	143.60

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00037	1063.2	.00141	.00022	48.031	.00135	.48084
Stddev	.00082	.00011	16.1	.00004	.00002	.801	.00009	.01092
%RSD	49.972	29.599	1.5156	3.0219	8.9741	1.6682	6.9897	2.2707

#1	-.00223	-.00029	1074.6	.00138	.00021	48.597	.00128	.47312
#2	-.00106	-.00044	1051.8	.00144	.00023	47.464	.00141	.48856

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 108.64	1.4003	-.03845	.00015	.01881	.0735	.90405	6.2085
Stddev	1.59	.0244	.00026	.00230	.00004	.0026	.01573	.4487
%RSD	1.4678	1.7456	.67418	1532.2	.23691	3.547	1.7404	7.2268

#1	109.77	1.4176	-.03863	-.00148	.01878	.0754	.91517	6.5258
#2	107.52	1.3830	-.03827	.00178	.01884	.0717	.89292	5.8912

Sample Name: J5640-08 Acquired: 10/24/2018 20:19:21 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5313
Stddev .2646
%RSD 5.8401

#1 4.7184
#2 4.3441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.5	34856.	4391.8	118.21	2513.4
Stddev	19.0	94.	66.8	.71	23.6
%RSD	.85169	.26831	1.5213	.60415	.93729

#1	2219.0	34922.	4344.6	117.71	2496.8
#2	2245.9	34790.	4439.1	118.72	2530.1

Sample Name: J5640-09 Acquired: 10/24/2018 20:23:29 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00656	-.00153	.00238	.00271	-.00457	.04020	.01573	.00009
Stddev	.00386	.00219	.00026	.00252	.00000	.00880	.00034	.00005
%RSD	58.752	143.21	10.890	92.747	.01545	21.886	2.1724	55.160

#1	.00929	-.00308	.00256	.00449	-.00457	.03398	.01548	.00006
#2	.00384	.00002	.00219	.00093	-.00457	.04642	.01597	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	66.684	-.00039	-.00052	.00102	-.00454	.00840	150.93
Stddev	.00011	.113	.00020	.00038	.00042	.00081	.00000	.21
%RSD	442.26	.16888	51.726	73.234	41.152	17.854	.00398	.13622

#1	.00010	66.604	-.00053	-.00078	.00132	-.00396	.00840	151.08
#2	-.00005	66.764	-.00025	-.00025	.00073	-.00511	.00840	150.79

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00032	1125.5	.00122	.00039	50.574	.00162	.49025
Stddev	.00045	.00042	3.7	.00101	.00009	.076	.00012	.00465
%RSD	27.240	132.49	.33073	83.386	23.820	.15054	7.2985	.94918

#1	-.00196	-.00061	1128.1	.00050	.00046	50.520	.00170	.48696
#2	-.00133	-.00002	1122.8	.00193	.00032	50.628	.00153	.49354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 114.89	1.3983	-.04086	-.00068	.01948	.0726	.94604	6.1398
Stddev	.06	.0084	.00014	.00027	.00086	.0005	.00506	.4371
%RSD	.05339	.60292	.34657	40.265	4.4132	.7265	.53444	7.1184

#1	114.93	1.3923	-.04096	-.00048	.01887	.0723	.94246	5.8308
#2	114.85	1.4042	-.04076	-.00087	.02009	.0730	.94961	6.4489

Sample Name: J5640-09 Acquired: 10/24/2018 20:23:29 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3688
Stddev .1196
%RSD 2.7365

#1 4.4533
#2 4.2843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.9	34822.	4356.1	114.50	2488.7
Stddev	5.0	186.	17.6	.63	2.4
%RSD	.22390	.53503	.40396	.54932	.09760

#1	2219.4	34954.	4368.5	114.06	2490.4
#2	2212.4	34690.	4343.6	114.95	2487.0

Sample Name: J5640-10 Acquired: 10/24/2018 20:27:38 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00669	-.00013	.00078	.00256	-.00361	.01820	.01533	.00014
Stddev	.00369	.00024	.00049	.00324	.00263	.00005	.00006	.00003
%RSD	55.159	178.17	62.113	126.82	72.866	.27888	.38513	24.599
#1	.00408	-.00030	.00113	.00026	-.00546	.01817	.01529	.00016
#2	.00930	.00003	.00044	.00485	-.00175	.01824	.01537	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	57.860	-.00068	-.00055	.00087	.00235	.00667	121.99
Stddev	.00003	.292	.00004	.00001	.00069	.01746	.00001	.57
%RSD	36.903	.50384	5.2530	2.1663	78.779	743.92	.14064	.46702
#1	-.00011	58.066	-.00070	-.00055	.00039	-.01000	.00668	122.39
#2	-.00007	57.654	-.00065	-.00054	.00136	.01470	.00666	121.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00136	-.00020	917.13	.00130	.00014	40.159	.00153	.39487
Stddev	.00026	.00000	9.20	.00031	.00005	.249	.00032	.00964
%RSD	18.821	1.3900	1.0030	23.434	36.275	.62006	21.136	2.4418
#1	-.00117	-.00021	923.64	.00109	.00018	40.335	.00130	.40169
#2	-.00154	-.00020	910.63	.00152	.00010	39.983	.00176	.38805
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.005	1.3976	-.03255	.00011	.01468	.0683	.77274	5.4496
Stddev	.111	.0008	.00019	.00119	.00097	.0003	.00433	.0530
%RSD	.12148	.05769	.58120	1131.7	6.6103	.3732	.56088	.97258
#1	90.927	1.3982	-.03241	-.00074	.01400	.0685	.77580	5.4871
#2	91.083	1.3971	-.03268	.00095	.01537	.0681	.76967	5.4122

Sample Name: J5640-10 Acquired: 10/24/2018 20:27:38 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6508
Stddev	.0153
%RSD	.32982

#1	4.6400
#2	4.6617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.0	35358.	4399.0	119.92	2559.5
Stddev	12.8	21.	5.7	1.51	4.1
%RSD	.56496	.06000	.13027	1.2599	.16208

#1	2267.0	35373.	4395.0	120.99	2562.4
#2	2248.9	35343.	4403.1	118.86	2556.5

Sample Name: J5640-11 Acquired: 10/24/2018 20:31:46 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00537	-.00144	.00430	.00094	-.00483	.11708	.01453	.00013
Stddev	.00272	.00162	.00123	.00423	.00075	.02375	.00035	.00011
%RSD	50.678	112.25	28.691	448.11	15.479	20.281	2.4037	85.219

#1	.00345	-.00258	.00517	-.00205	-.00430	.10029	.01477	.00005
#2	.00730	-.00030	.00343	.00393	-.00536	.13387	.01428	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	158.44	-.00172	-.00041	.00008	-.02244	.01150	481.32
Stddev	.00006	1.36	.00018	.00027	.00065	.01006	.00009	2.79
%RSD	51.117	.86029	10.694	65.945	847.68	44.816	.78745	.58025

#1	-.00016	159.40	-.00159	-.00022	-.00038	-.02955	.01157	483.30
#2	-.00007	157.47	-.00185	-.00061	.00054	-.01533	.01144	479.35

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00474	-.00046	F 2898.2	.00198	.00136	168.52	.00397	1.5787
Stddev	.00037	.00084	67.4	.00027	.00009	1.12	.00047	.0019
%RSD	7.8928	184.91	2.3240	13.421	6.5860	.66470	11.825	.11903

#1	-.00500	-.00105	2945.8	.00217	.00143	169.31	.00430	1.5801
#2	-.00447	.00014	2850.5	.00179	.00130	167.73	.00363	1.5774

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 393.40	1.2144	-.14268	-.00454	.07751	.1149	2.8402	10.503
Stddev	1.33	.0185	.00301	.00119	.00147	.0024	.0173	.102
%RSD	.33743	1.5257	2.1069	26.198	1.8962	2.058	.61013	.97442

#1	394.34	1.2275	-.14480	-.00370	.07647	.1165	2.8525	10.575
#2	392.46	1.2013	-.14055	-.00538	.07855	.1132	2.8280	10.430

Sample Name: J5640-11 Acquired: 10/24/2018 20:31:46 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.0429
Stddev	.5006
%RSD	7.1077

#1	7.3969
#2	6.6890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.7	30803.	4092.6	105.63	2098.4
Stddev	9.2	68.	26.3	1.64	8.2
%RSD	.46276	.22227	.64254	1.5524	.38873

#1	1983.2	30754.	4074.0	104.47	2092.6
#2	1996.2	30851.	4111.2	106.79	2104.2

Sample Name: J5640-12 Acquired: 10/24/2018 20:35:54 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.01060	-.00293	.00336	.00155	-.00702	.01516	.01389	.00008
Stddev	.00097	.00101	.00063	.00089	.00045	.01486	.00052	.00008
%RSD	9.1149	34.555	18.875	57.506	6.4710	98.038	3.7568	91.943

#1	.01128	-.00364	.00291	.00092	-.00734	.00465	.01426	.00003
#2	.00992	-.00221	.00381	.00217	-.00670	.02566	.01352	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	128.64	-.00138	-.00058	.00112	-.01779	.01204	371.71
Stddev	.00004	2.76	.00012	.00032	.00033	.00857	.00000	10.95
%RSD	18.188	2.1464	8.4612	55.510	29.675	48.173	.00932	2.9446

#1	-.00018	130.60	-.00129	-.00035	.00088	-.02385	.01204	379.45
#2	-.00023	126.69	-.00146	-.00081	.00135	-.01173	.01204	363.97

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	-.00022	F 2360.1	.00107	.00062	128.44	.00312	1.2115
Stddev	.00021	.00027	67.0	.00069	.00010	3.31	.00040	.0022
%RSD	5.8884	127.58	2.8369	64.701	16.511	2.5770	12.752	.18074

#1	-.00340	-.00002	2407.5	.00058	.00070	130.78	.00283	1.2130
#2	-.00369	-.00041	2312.8	.00156	.00055	126.10	.00340	1.2099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 295.20	1.2811	-.10589	-.00380	.05736	.1005	2.2036	9.4899
Stddev	.58	.0361	.00021	.00014	.00012	.0012	.0611	.5531
%RSD	.19706	2.8196	.19887	3.6560	.20358	1.179	2.7732	5.8281

#1	295.61	1.3066	-.10574	-.00390	.05745	.1013	2.2468	9.8810
#2	294.79	1.2556	-.10604	-.00370	.05728	.0996	2.1604	9.0988

Sample Name: J5640-12 Acquired: 10/24/2018 20:35:54 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.5850
Stddev	.3485
%RSD	4.5949

#1	7.8315
#2	7.3386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.2	31843.	4107.3	106.87	2198.4
Stddev	1.0	41.	126.2	4.93	1.5
%RSD	.04740	.12913	3.0715	4.6178	.07006

#1	2054.9	31814.	4018.1	103.38	2197.3
#2	2053.5	31872.	4196.5	110.36	2199.4

Sample Name: J5640-13 Acquired: 10/24/2018 20:40:02 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00567	-.00264	.00196	.00123	-.00539	.02713	.01444	.00016
Stddev	.00252	.00101	.00048	.00434	.00080	.00980	.00043	.00008
%RSD	44.480	38.495	24.734	353.04	14.932	36.132	2.9609	52.935

#1	.00745	-.00335	.00230	-.00184	-.00596	.03406	.01474	.00022
#2	.00388	-.00192	.00162	.00430	-.00482	.02020	.01413	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	72.271	-.00135	-.00024	.00116	-.00981	.00960	172.58
Stddev	.00003	1.452	.00044	.00005	.00061	.00254	.00013	.52
%RSD	277.54	2.0090	32.294	21.352	52.957	25.902	1.3485	.30089

#1	.00001	71.245	-.00104	-.00020	.00072	-.00802	.00951	172.21
#2	-.00003	73.298	-.00166	-.00028	.00159	-.01161	.00969	172.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	-.00060	1243.3	.00126	.00050	57.689	.00169	.57556
Stddev	.00034	.00041	23.7	.00018	.00009	1.072	.00020	.00152
%RSD	18.257	68.497	1.9058	14.371	17.899	1.8581	11.894	.26472

#1	-.00208	-.00088	1226.5	.00139	.00044	56.931	.00184	.57448
#2	-.00160	-.00031	1260.0	.00113	.00057	58.447	.00155	.57663

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 131.14	1.3828	-.04738	-.00119	.02201	.0788	1.0557	7.2877
Stddev	.73	.0261	.00105	.00105	.00042	.0024	.0177	.5419
%RSD	.55466	1.8890	2.2234	87.756	1.9265	2.997	1.6729	7.4355

#1	131.65	1.3643	-.04664	-.00193	.02171	.0771	1.0432	7.6709
#2	130.62	1.4013	-.04813	-.00045	.02231	.0804	1.0682	6.9046

Sample Name: J5640-13 Acquired: 10/24/2018 20:40:02 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8542
Stddev	.6261
%RSD	12.899

#1	5.2969
#2	4.4115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.2	34130.	4322.3	114.31	2453.6
Stddev	10.0	.	38.2	2.14	12.1
%RSD	.45565	.00032	.88376	1.8715	.49341

#1	2195.1	34130.	4349.3	115.82	2445.0
#2	2209.3	34130.	4295.3	112.80	2462.1

Sample Name: J5640-14 Acquired: 10/24/2018 20:44:10 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00527	-.00315	.00339	.00383	-.00406	-.00759	.01351	.00018
Stddev	.00193	.00189	.00015	.00397	.00009	.00692	.00046	.00002
%RSD	36.723	59.773	4.3672	103.61	2.3258	91.215	3.3763	11.055

#1	.00663	-.00449	.00329	.00103	-.00399	-.01249	.01318	.00016
#2	.00390	-.00182	.00350	.00664	-.00413	-.00269	.01383	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	159.87	-.00192	-.00031	.00061	-.03403	.01077	483.35
Stddev	.00005	1.82	.00040	.00007	.00038	.00350	.00016	5.33
%RSD	17.418	1.1373	20.695	22.564	62.146	10.272	1.5137	1.1037

#1	-.00025	161.15	-.00220	-.00036	.00034	-.03156	.01088	487.12
#2	-.00033	158.58	-.00164	-.00026	.00087	-.03651	.01065	479.57

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	-.00031	F 2854.6	.00142	.00100	170.17	.00380	1.5953
Stddev	.00035	.00038	121.1	.00024	.00011	2.06	.00012	.0004
%RSD	8.8705	124.01	4.2431	17.028	11.435	1.2090	3.2275	.02311

#1	-.00424	-.00058	2940.2	.00125	.00108	171.62	.00372	1.5950
#2	-.00374	-.00004	2768.9	.00159	.00092	168.71	.00389	1.5955

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 397.66	1.1873	-.14624	-.00581	.07823	.1139	2.8545	9.9815
Stddev	.18	.0050	.00106	.00018	.00017	.0014	.0350	1.2026
%RSD	.04584	.41860	.72303	3.1686	.21165	1.210	1.2246	12.049

#1	397.54	1.1908	-.14549	-.00568	.07835	.1149	2.8792	10.832
#2	397.79	1.1838	-.14699	-.00594	.07812	.1129	2.8298	9.1311

Sample Name: J5640-14 Acquired: 10/24/2018 20:44:10 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.6108
Stddev .4966
%RSD 6.5251

#1 7.2596
#2 7.9620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.8	31514.	4139.3	108.61	2111.6
Stddev	9.5	1063.	39.8	1.71	3.0
%RSD	.47626	3.3728	.96191	1.5705	.14444

#1	2008.6	30763.	4111.1	107.40	2113.7
#2	1995.1	32266.	4167.4	109.81	2109.4

Sample Name: CCV10 Acquired: 10/24/2018 20:48:18 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	5.1715	4.7466	4.8149	4.9414	5.0949	10.260	9.9774	.24403
Stddev	.0082	.0274	.0381	.0220	.0042	.001	.1965	.00046
%RSD	.15774	.57832	.79053	.44553	.08187	.00932	1.9699	.18670
#1	5.1657	4.7272	4.7880	4.9258	5.0920	10.261	10.116	.24371
#2	5.1773	4.7660	4.8418	4.9569	5.0979	10.260	9.8384	.24435
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3500	24.765	.95411	2.3929	1.2373	4.7677	2.4356	24.520
Stddev	.0136	.145	.00341	.0140	.0021	.0423	.0029	.321
%RSD	.57651	.58554	.35733	.58471	.16739	.88653	.11919	1.3097
#1	2.3404	24.867	.95652	2.3830	1.2358	4.7976	2.4377	24.747
#2	2.3596	24.662	.95170	2.4028	1.2388	4.7378	2.4336	24.293
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3482	1.2093	F 28.283	2.4771	2.4124	26.143	5.0805	4.7835
Stddev	.0083	.0068	.295	.0063	.0376	.420	.0196	.0274
%RSD	.35151	.56381	1.0417	.25266	1.5574	1.6056	.38517	.57246
#1	2.3423	1.2141	28.492	2.4815	2.4389	26.440	5.0666	4.8028
#2	2.3540	1.2045	28.075	2.4727	2.3858	25.847	5.0943	4.7641
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7214	4.7776	4.7650	4.9543	4.9833	4.805	4.9184	F 3.7760
Stddev	.0114	.0409	.0196	.0565	.1011	.020	.0953	.0954
%RSD	.24108	.85532	.41198	1.1398	2.0295	.4056	1.9382	2.5276
#1	4.7133	4.8065	4.7511	4.9942	5.0548	4.791	4.9858	3.8435
#2	4.7294	4.7487	4.7788	4.9144	4.9117	4.818	4.8510	3.7086

Sample Name: CCV10 Acquired: 10/24/2018 20:48:18 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0952
Stddev .4421
%RSD 40.365

#1 .78257
#2 1.4077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.2	37943.	4329.0	113.16	2817.1
Stddev	.2	159.	55.5	2.10	6.1
%RSD	.00770	.42018	1.2818	1.8593	.21656

#1	2339.3	37830.	4289.7	111.67	2821.4
#2	2339.0	38055.	4368.2	114.65	2812.8

Sample Name: CCB10 Acquired: 10/24/2018 20:52:04 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	.00005	-.00105	.00089	-.00314	.00930	-.00316
Stddev	.00044	.00106	.00038	.00018	.00092	.00097	.00022
%RSD	25.532	1945.6	36.024	20.117	29.376	10.406	6.9904

#1	-.00141	-.00070	-.00132	.00102	-.00249	.00862	-.00332
#2	-.00203	.00081	-.00079	.00076	-.00380	.00999	-.00301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00014	-.00918	-.00002	-.00006	.00019	.00550
Stddev	.00004	.00007	.01615	.00018	.00006	.00022	.00516
%RSD	208.04	49.803	175.98	1010.2	95.384	116.00	93.821

#1	-.00005	.00018	.00224	.00011	-.00010	.00034	.00185
#2	.00001	.00009	-.02060	-.00015	-.00002	.00003	.00914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04340	.00147	-.00021	F 3.2951	.00010	-.00023
Stddev	.00006	.02550	.00010	.00001	.0336	.00010	.00004
%RSD	90.154	58.758	6.4727	3.6809	1.0193	97.330	17.617

#1	-.00011	-.06143	.00140	-.00021	3.2713	.00003	-.00020
#2	-.00002	-.02537	.00154	-.00022	3.3188	.00017	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .77356	.00058	-.00766	.00204	.00138	.00018	.00230
Stddev	.00151	.00042	.00095	.00232	.00027	.00056	.00190
%RSD	.19461	72.380	12.359	113.72	19.670	314.20	82.482

#1	.77463	.00087	-.00699	.00040	.00118	-.00022	.00364
#2	.77250	.00028	-.00832	.00367	.00157	.00057	.00096

Sample Name: CCB10 Acquired: 10/24/2018 20:52:04 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14054 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00656	-.0016	.00017	F .41851	F<.00000
Stddev	.00054	.0021	.00013	.37368	.17881
%RSD	8.1864	135.4	80.200	89.287	10.150

#1	.00694	-.0031	.00007	.68275	-1.6351
#2	.00618	-.0001	.00026	.15428	-1.8880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.3	40294.	4396.2	117.70	3137.0
Stddev	10.1	115.	11.1	1.15	3.5
%RSD	.41120	.28499	.25150	.98126	.11116

#1	2460.1	40213.	4388.4	118.52	3134.5
#2	2474.4	40375.	4404.1	116.88	3139.5

Sample Name: J5640-15 Acquired: 10/24/2018 20:56:10 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00490	-.00104	.00399	.00444	-.00543	.01464	.01298	.00001
Stddev	.00066	.00101	.00061	.00176	.00193	.00245	.00018	.00001
%RSD	13.508	97.160	15.313	39.659	35.560	16.759	1.3883	74.423

#1	.00537	-.00032	.00356	.00569	-.00406	.01637	.01311	.00001
#2	.00443	-.00175	.00443	.00320	-.00679	.01290	.01285	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	126.45	-.00136	-.00017	.00118	-.02032	.01132	366.86
Stddev	.00015	.02	.00024	.00012	.00065	.02068	.00003	.92
%RSD	71.802	.01930	17.524	71.977	55.351	101.76	.24134	.25171

#1	-.00032	126.47	-.00119	-.00026	.00072	-.00570	.01130	366.21
#2	-.00010	126.43	-.00153	-.00008	.00164	-.03495	.01134	367.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00342	-.00065	F 2371.0	.00184	.00060	125.64	.00294	1.1977
Stddev	.00031	.00010	28.3	.00003	.00006	.41	.00063	.0076
%RSD	9.1396	15.482	1.1939	1.3737	9.8094	.32501	21.310	.63181

#1	-.00365	-.00058	2391.0	.00185	.00064	125.35	.00250	1.1923
#2	-.00320	-.00072	2351.0	.00182	.00056	125.93	.00338	1.2030

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 291.40	1.2757	-.10583	-.00399	.05507	.1002	2.1618	8.7633
Stddev	.92	.0089	.00024	.00038	.00148	.0002	.0066	.1295
%RSD	.31415	.70097	.23113	9.5485	2.6959	.2371	.30335	1.4771

#1	290.75	1.2694	-.10566	-.00426	.05402	.1003	2.1572	8.6718
#2	292.05	1.2820	-.10601	-.00372	.05612	.1000	2.1664	8.8548

Sample Name: J5640-15 Acquired: 10/24/2018 20:56:10 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.3693
Stddev	.3897
%RSD	5.2882

#1	7.6449
#2	7.0937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.2	32371.	4159.3	106.89	2238.8
Stddev	8.4	38.	16.8	1.04	6.5
%RSD	.39803	.11812	.40357	.97227	.28891

#1	2110.1	32398.	4171.2	106.16	2243.4
#2	2098.2	32344.	4147.5	107.63	2234.2

Sample Name: J5640-16 Acquired: 10/24/2018 21:00:19 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	-.00140	.00149	.00141	-.00531	.01731	.01517	.00003
Stddev	.00368	.00159	.00004	.00303	.00020	.00856	.00030	.00005
%RSD	97.381	113.73	2.9823	214.53	3.8592	49.436	1.9887	130.54

#1	.00638	-.00252	.00152	.00355	-.00517	.01126	.01496	.00000
#2	.00118	-.00027	.00146	-.00073	-.00546	.02336	.01539	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	74.321	-.00088	-.00036	.00078	-.00118	.01012	176.00
Stddev	.00004	.173	.00020	.00002	.00055	.00067	.00013	.36
%RSD	29.712	.23262	22.838	6.8354	71.348	56.581	1.2966	.20337

#1	-.00011	74.444	-.00102	-.00038	.00117	-.00071	.01021	175.74
#2	-.00017	74.199	-.00073	-.00035	.00038	-.00166	.01003	176.25

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00030	1271.7	.00111	.00006	59.062	.00185	.58590
Stddev	.00055	.00008	7.1	.00019	.00007	.137	.00010	.00283
%RSD	28.659	26.879	.55581	16.695	111.77	.23128	5.4252	.48355

#1	-.00153	-.00035	1276.7	.00124	.00011	59.159	.00177	.58790
#2	-.00231	-.00024	1266.7	.00098	.00001	58.966	.00192	.58390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 133.32	1.3977	-.04762	-.00116	.02366	.0815	1.0860	6.7093
Stddev	.23	.0070	.00089	.00071	.00048	.0004	.0014	.2128
%RSD	.16943	.50039	1.8639	60.960	2.0475	.4921	.12644	3.1711

#1	133.48	1.4026	-.04699	-.00166	.02400	.0818	1.0870	6.5589
#2	133.16	1.3927	-.04825	-.00066	.02331	.0812	1.0850	6.8598

Sample Name: J5640-16 Acquired: 10/24/2018 21:00:19 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.3002
Stddev .1618
%RSD 3.0518

#1 5.4146
#2 5.1858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.8	34424.	4288.9	114.88	2457.2
Stddev	7.8	44.	8.7	5.46	7.0
%RSD	.35075	.12649	.20334	4.7557	.28577

#1	2213.3	34455.	4282.7	118.74	2452.2
#2	2224.3	34393.	4295.0	111.01	2462.2

Sample Name: J5640-17 Acquired: 10/24/2018 21:04:27 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00735	-.00339	.00479	.00145	-.00470	.02121	.01560	.00008
Stddev	.00200	.00004	.00262	.00462	.00104	.01040	.00090	.00004
%RSD	27.249	1.1830	54.712	318.98	22.039	49.010	5.7584	53.300
#1	.00876	-.00336	.00294	-.00182	-.00397	.02856	.01623	.00005
#2	.00593	-.00342	.00664	.00472	-.00543	.01386	.01496	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	153.12	-.00122	-.00075	.00066	-.02245	.01317	458.00
Stddev	.00000	.37	.00002	.00008	.00066	.00474	.00026	2.58
%RSD	1.9143	.24029	1.6335	10.330	99.871	21.115	1.9447	.56408
#1	-.00025	153.38	-.00120	-.00069	.00019	-.02581	.01299	459.82
#2	-.00024	152.86	-.00123	-.00080	.00112	-.01910	.01335	456.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00480	-.00030	F 2776.7	.00147	.00099	158.82	.00350	1.4924
Stddev	.00068	.00116	5.6	.00017	.00010	.91	.00005	.0078
%RSD	14.096	393.70	.20189	11.286	9.6624	.57479	1.5415	.52598
#1	-.00432	-.00112	2780.7	.00135	.00106	159.47	.00354	1.4979
#2	-.00528	.00053	2772.8	.00158	.00092	158.17	.00346	1.4868
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 371.67	1.2464	-.13395	-.00173	.07128	.1104	2.6930	10.355
Stddev	2.64	.0001	.00076	.00258	.00118	.0043	.0170	.324
%RSD	.70943	.01186	.56587	148.87	1.6605	3.940	.63296	3.1276
#1	369.81	1.2463	-.13341	-.00355	.07212	.1073	2.7051	10.584
#2	373.54	1.2465	-.13449	.00009	.07044	.1135	2.6810	10.126

Sample Name: J5640-17 Acquired: 10/24/2018 21:04:27 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.3444
Stddev	.6720
%RSD	9.1491

#1	7.8196
#2	6.8693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.1	30937.	4057.9	105.34	2116.0
Stddev	10.5	40.	12.2	1.36	12.4
%RSD	.52135	.12799	.30105	1.2898	.58441

#1	2020.5	30965.	4066.6	104.38	2124.7
#2	2005.7	30909.	4049.3	106.30	2107.2

Sample Name: J5640-18 Acquired: 10/24/2018 21:08:36 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00642	-.00114	.00314	.00117	-.00450	.01012	.01553	.00011
Stddev	.00291	.00025	.00041	.00454	.00098	.00867	.00071	.00006
%RSD	45.343	21.951	13.138	387.73	21.871	85.629	4.5597	56.502
#1	.00436	-.00096	.00285	-.00204	-.00520	.01626	.01603	.00007
#2	.00848	-.00131	.00344	.00438	-.00381	.00399	.01503	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	102.08	-.00140	-.00050	.00078	-.02057	.01112	272.94
Stddev	.00006	2.05	.00084	.00017	.00010	.00782	.00003	6.53
%RSD	50.503	2.0052	59.932	34.264	12.327	38.026	.30481	2.3911
#1	-.00016	103.52	-.00199	-.00038	.00071	-.02610	.01110	277.55
#2	-.00008	100.63	-.00081	-.00062	.00084	-.01504	.01115	268.32
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	-.00065	F 1811.1	.00131	.00050	92.876	.00190	.90412
Stddev	.00021	.00010	46.6	.00068	.00007	2.202	.00020	.02304
%RSD	6.7175	15.866	2.5746	51.478	13.542	2.3711	10.434	2.5482
#1	-.00293	-.00072	1844.0	.00083	.00045	94.434	.00176	.92041
#2	-.00322	-.00058	1778.1	.00179	.00054	91.319	.00204	.88783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 210.50	1.3712	-.07492	-.00108	.03818	.0940	1.6426	8.1408
Stddev	.20	.0289	.00056	.00147	.00137	.0048	.0400	.2535
%RSD	.09324	2.1091	.75107	136.14	3.5756	5.122	2.4369	3.1141
#1	210.36	1.3916	-.07452	-.00004	.03914	.0906	1.6709	7.9615
#2	210.64	1.3507	-.07531	-.00212	.03721	.0974	1.6143	8.3200

Sample Name: J5640-18 Acquired: 10/24/2018 21:08:36 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.3575
Stddev	.7819
%RSD	12.299

#1	5.8046
#2	6.9104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.6	32748.	4110.4	106.77	2303.9
Stddev	3.1	40.	78.4	2.14	1.1
%RSD	.14685	.12214	1.9074	2.0077	.04882

#1	2133.8	32776.	4055.0	105.25	2303.1
#2	2129.4	32719.	4165.8	108.29	2304.7

Sample Name: J5640-19 Acquired: 10/24/2018 21:12:44 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00446	-.00128	.00405	.00356	-.00602	.02057	.01607	.00015
Stddev	.00020	.00047	.00001	.00236	.00053	.00604	.00034	.00005
%RSD	4.5072	36.495	.18591	66.437	8.8678	29.382	2.1203	30.775
#1	.00460	-.00095	.00406	.00189	-.00564	.02485	.01631	.00018
#2	.00432	-.00161	.00405	.00523	-.00639	.01630	.01583	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	72.595	-.00124	-.00034	.00082	.00065	.00902	171.42
Stddev	.00006	1.063	.00025	.00017	.00026	.00235	.00001	.74
%RSD	39.310	1.4650	20.311	48.253	31.433	361.78	.07317	.43343
#1	-.00018	71.843	-.00106	-.00023	.00064	.00231	.00902	170.89
#2	-.00010	73.347	-.00141	-.00046	.00100	-.00101	.00903	171.94
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	-.00054	1235.3	.00148	.00115	57.079	.00149	.57047
Stddev	.00044	.00015	19.3	.00008	.00001	.697	.00001	.00036
%RSD	18.378	26.926	1.5601	5.5300	.66258	1.2218	.68267	.06332
#1	-.00274	-.00044	1221.7	.00143	.00115	56.586	.00150	.57021
#2	-.00211	-.00064	1249.0	.00154	.00116	57.572	.00149	.57073
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 128.58	1.3916	-.04131	-.00098	.02127	.0786	1.0501	6.7457
Stddev	.07	.0153	.00022	.00168	.00040	.0002	.0118	.1039
%RSD	.05386	1.0988	.53889	171.27	1.8983	.3172	1.1243	1.5400
#1	128.63	1.3808	-.04147	.00021	.02156	.0784	1.0418	6.6723
#2	128.53	1.4024	-.04115	-.00216	.02099	.0787	1.0585	6.8192

Sample Name: J5640-19 Acquired: 10/24/2018 21:12:44 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7902
Stddev	.5584
%RSD	9.6444

#1	6.1851
#2	5.3953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.3	34164.	4275.2	111.81	2458.9
Stddev	4.6	157.	53.7	.15	5.7
%RSD	.20842	.46015	1.2558	.13170	.23343

#1	2229.6	34053.	4313.2	111.91	2462.9
#2	2223.0	34275.	4237.3	111.71	2454.8

Sample Name: J5640-20 Acquired: 10/24/2018 21:16:53 Type: Unk
Method: P4-ICP2(v2523) Mode: 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	.00621	-.00334	.00428	.00268	-.00410	.00704	.01440	.00019
Stddev	.00017	.00220	.00173	.00046	.00102	.00339	.00010	.00015
%RSD	2.7594	66.019	40.513	17.318	24.748	48.183	.66317	79.285
#1	.00609	-.00178	.00305	.00235	-.00339	.00943	.01433	.00030
#2	.00633	-.00489	.00550	.00301	-.00482	.00464	.01446	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	143.53	-.00136	.00000	.00043	-.01953	.01561	423.47
Stddev	.00015	.60	.00075	.00070	.00008	.01091	.00013	.68
%RSD	74.451	.41923	55.222	17850.	19.115	55.872	.84038	.16023
#1	-.00009	143.11	-.00190	-.00049	.00048	-.02725	.01552	422.99
#2	-.00030	143.96	-.00083	.00050	.00037	-.01182	.01570	423.95
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00414	-.00065	F 2564.1	.00129	.00093	145.94	.00324	1.3856
Stddev	.00062	.00023	24.9	.00004	.00012	.24	.00020	.0218
%RSD	15.072	35.444	.96950	2.7625	12.725	.16765	6.0332	1.5736
#1	-.00370	-.00081	2581.7	.00131	.00101	145.76	.00338	1.3701
#2	-.00459	-.00049	2546.5	.00126	.00084	146.11	.00311	1.4010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 337.97	1.2729	-.12334	-.00476	.06550	.1084	2.4884	10.184
Stddev	1.29	.0044	.00022	.00116	.00016	.0015	.0043	.181
%RSD	.38033	.34917	.17568	24.405	.24016	1.349	.17449	1.7780
#1	337.06	1.2698	-.12318	-.00558	.06562	.1074	2.4915	10.312
#2	338.88	1.2761	-.12349	-.00394	.06539	.1094	2.4854	10.056

Sample Name: J5640-20 Acquired: 10/24/2018 21:16:53 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.2576
Stddev .1967
%RSD 2.7107

#1 7.1185
#2 7.3968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.5	31098.	4046.2	105.80	2162.1
Stddev	8.2	82.	22.1	.64	9.9
%RSD	.40159	.26465	.54651	.60113	.46003

#1	2059.3	31040.	4061.8	106.25	2169.1
#2	2047.7	31156.	4030.5	105.35	2155.0

Sample Name: J4768-02 Acquired: 10/24/2018 21:21:00 Type: Unk
Method: P4-ICP2(v2523) 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	-.00331	-.00468	.00299	.00619	-.00276	.18001	.20692	-.00007
Stddev	.00327	.00083	.00006	.00366	.00036	.01324	.00077	.00003
%RSD	98.598	17.678	1.8743	59.095	12.886	7.3577	.37185	41.470

#1	-.00562	-.00527	.00303	.00878	-.00301	.18937	.20746	-.00005
#2	-.00100	-.00410	.00295	.00361	-.00251	.17064	.20638	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	28.619	.00021	.00249	.00155	.64820	.25574	1.1875
Stddev	.00007	.076	.00004	.00020	.00008	.00432	.00000	.0131
%RSD	109.52	.26389	18.139	8.1347	5.4160	.66721	.00019	1.0987

#1	.00011	28.566	.00019	.00235	.00149	.65126	.25574	1.1783
#2	.00001	28.673	.00024	.00264	.00161	.64514	.25574	1.1968

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00523	.00002	293.68	.00064	.12215	2.2636	.00038	.03897
Stddev	.00053	.00024	8.05	.00025	.00102	.0410	.00035	.00205
%RSD	10.193	1197.9	2.7413	39.114	.83705	1.8096	91.979	5.2539

#1	.00485	-.00015	299.37	.00082	.12287	2.2347	.00062	.03752
#2	.00560	.00019	287.99	.00046	.12142	2.2926	.00013	.04041

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44958	1.0900	.00166	.00264	.00844	.0010	.08072	4.1334
Stddev	.00411	.0115	.00071	.00152	.00032	.0008	.00028	.3780
%RSD	.91519	1.0524	42.652	57.771	3.7623	81.67	.35142	9.1451

#1	.45249	1.0981	.00116	.00372	.00866	.0016	.08092	4.4007
#2	.44667	1.0819	.00216	.00156	.00821	.0004	.08052	3.8661

Sample Name: J4768-02 Acquired: 10/24/2018 21:21:00 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB45914RT-GR Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2472
Stddev	.0057
%RSD	.45447

#1	1.2432
#2	1.2512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.9	36593.	4371.9	114.46	2755.4
Stddev	5.4	187.	69.0	.98	7.4
%RSD	.23401	.51176	1.5779	.85972	.26694

#1	2295.1	36460.	4323.1	113.77	2750.2
#2	2302.7	36725.	4420.7	115.16	2760.6

Sample Name: J4768-04 Acquired: 10/24/2018 21:25:08 Type: Unk
Method: P4-ICP2(v2523) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	-.00294	.01415	.00515	-.00262	.08922	.19392	-.00001
Stddev	.00150	.00102	.00009	.00059	.00035	.00754	.00059	.00001
%RSD	171.35	34.688	.64747	11.466	13.492	8.4530	.30503	96.506

#1	-.00194	-.00366	.01408	.00556	-.00287	.08388	.19434	-.00002
#2	.00019	-.00222	.01421	.00473	-.00237	.09455	.19350	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	51.298	-.00066	.00616	.00370	.59480	.56850	2.0305
Stddev	.00000	.099	.00038	.00011	.00039	.00298	.00151	.0404
%RSD	.01879	.19318	57.987	1.7073	10.465	.50025	.26567	1.9900

#1	.00066	51.368	-.00039	.00624	.00343	.59690	.56743	2.0591
#2	.00066	51.227	-.00093	.00609	.00397	.59270	.56957	2.0020

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	-.00049	268.10	-.00005	.31516	2.1319	.00107	.04971
Stddev	.00046	.00037	.34	.00020	.00699	.0352	.00013	.01439
%RSD	5.2243	76.258	.12577	359.05	2.2166	1.6535	12.176	28.955

#1	.00919	-.00075	267.86	-.00019	.31022	2.1070	.00116	.03953
#2	.00853	-.00023	268.34	.00008	.32010	2.1568	.00098	.05989

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4765	1.5360	.00336	.00158	.00856	.0067	.16292	3.9601
Stddev	.0145	.0126	.00134	.00248	.00024	.0010	.00020	.2896
%RSD	.98139	.81997	39.734	156.79	2.7960	14.75	.12424	7.3139

#1	1.4868	1.5449	.00430	.00334	.00873	.0060	.16306	4.1649
#2	1.4663	1.5271	.00242	-.00017	.00839	.0073	.16277	3.7553

Sample Name: J4768-04 Acquired: 10/24/2018 21:25:08 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB45914RT-OI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7682
Stddev	.6661
%RSD	37.668

#1	2.2392
#2	1.2972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.6	36932.	4323.3	113.38	2786.7
Stddev	17.0	60.	12.1	2.13	19.3
%RSD	.73074	.16325	.27914	1.8780	.69265

#1	2316.6	36890.	4314.8	114.89	2773.1
#2	2340.6	36975.	4331.9	111.88	2800.4

Sample Name: J5198-24 Acquired: 10/24/2018 21:29:16 Type: Unk
Method: P4-ICP2(v2523) 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	-.00214	-.00271	.15135	.00290	-.00097	.09002	.21274	.00002
Stddev	.00113	.00032	.00056	.00111	.00084	.00572	.00106	.00003
%RSD	52.924	11.724	.36915	38.364	86.661	6.3555	.49903	198.08

#1	-.00295	-.00294	.15095	.00369	-.00156	.09407	.21199	-.00001
#2	-.00134	-.00249	.15174	.00211	-.00037	.08597	.21350	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	32.274	-.00118	.00692	.08894	.04225	.96816	1.6473
Stddev	.00011	.397	.00024	.00005	.00045	.00129	.00012	.0146
%RSD	4.9574	1.2290	20.331	.73576	.50798	3.0479	.01270	.88829

#1	.00223	31.994	-.00101	.00688	.08926	.04316	.96807	1.6577
#2	.00239	32.555	-.00135	.00696	.08862	.04134	.96824	1.6370

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00950	.00024	311.24	.00011	.54963	1.8156	.00018	.00610
Stddev	.00054	.00012	.95	.00040	.00214	.0440	.00002	.00100
%RSD	5.6967	50.391	.30565	362.47	.38853	2.4222	11.614	16.378

#1	.00988	.00033	311.91	-.00017	.55114	1.7845	.00019	.00539
#2	.00912	.00016	310.57	.00039	.54812	1.8467	.00016	.00680

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3358	1.1167	.00222	.00038	.00611	.0031	.14174	3.6868
Stddev	.0030	.0037	.00044	.00097	.00059	.0008	.00048	.2291
%RSD	.22346	.33403	19.878	255.75	9.7231	25.90	.34026	6.2152

#1	1.3379	1.1193	.00254	.00107	.00569	.0025	.14140	3.5248
#2	1.3337	1.1141	.00191	-.00031	.00653	.0036	.14208	3.8489

Sample Name: J5198-24 Acquired: 10/24/2018 21:29:16 Type: Unk
 Method: P4-ICP2(v2523) 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	1.6053
Stddev	.3447
%RSD	21.470

#1	1.8490
#2	1.3616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.1	37026.	4294.4	113.70	2798.2
Stddev	7.1	59.	15.3	.70	3.2
%RSD	.30142	.15884	.35513	.61675	.11309

#1	2346.1	36985.	4305.2	113.20	2796.0
#2	2356.1	37068.	4283.7	114.19	2800.5

Sample Name: CCV11 Acquired: 10/24/2018 21:33:24 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0705	4.7628	4.8006	4.8417	4.9398	9.8767	9.7736	.24324
Stddev	.0189	.0048	.0029	.0291	.0236	.0100	.0149	.00034
%RSD	.37208	.10023	.05978	.60192	.47676	.10138	.15220	.13779
#1	5.0839	4.7594	4.7986	4.8623	4.9565	9.8696	9.7631	.24300
#2	5.0572	4.7661	4.8026	4.8211	4.9232	9.8838	9.7842	.24348
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3645	24.675	.96722	2.3849	1.2214	4.6797	2.4379	24.592
Stddev	.0008	.005	.00232	.0028	.0049	.0531	.0003	.062
%RSD	.03278	.02139	.24031	.11720	.40220	1.1349	.01146	.25406
#1	2.3651	24.671	.96558	2.3869	1.2249	4.7172	2.4377	24.636
#2	2.3640	24.679	.96886	2.3829	1.2179	4.6421	2.4381	24.547
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3671	1.1995	25.502	2.4640	2.4309	25.006	4.9631	4.7763
Stddev	.0024	.0044	.006	.0010	.0155	.041	.0124	.0029
%RSD	.10004	.36409	.02193	.03840	.63613	.16402	.25040	.06068
#1	2.3688	1.1964	25.498	2.4646	2.4419	24.977	4.9719	4.7742
#2	2.3655	1.2026	25.506	2.4633	2.4200	25.035	4.9544	4.7783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5968	4.8228	4.7499	4.8642	4.8996	4.797	4.8561	F 2.7041
Stddev	.0001	.0355	.0007	.0030	.0155	.018	.0046	.0339
%RSD	.00312	.73615	.01443	.06170	.31655	.3763	.09478	1.2535
#1	4.5966	4.8479	4.7494	4.8620	4.8887	4.809	4.8528	2.7280
#2	4.5969	4.7977	4.7504	4.8663	4.9106	4.784	4.8593	2.6801

Sample Name: CCV11 Acquired: 10/24/2018 21:33:24 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14054 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7332
Stddev .5727
%RSD 20.955

#1 2.3282
#2 3.1382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.4	38689.	4296.0	114.70	2873.4
Stddev	12.5	27.	2.6	.90	6.5
%RSD	.51509	.06854	.06004	.78417	.22792

#1	2414.6	38670.	4294.2	114.06	2868.8
#2	2432.2	38708.	4297.8	115.33	2878.1

Sample Name: CCB11 Acquired: 10/24/2018 21:37:10 Type: Unk
Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00012	-.00098	.00254	-.00167	.00198	-.00277
Stddev	.00129	.00010	.00074	.00276	.00006	.00275	.00001
%RSD	208.39	85.761	75.825	108.49	3.3650	138.98	.24728

#1	-.00029	.00019	-.00045	.00059	-.00163	.00393	-.00276
#2	.00153	.00005	-.00150	.00449	-.00171	.00003	-.00277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00011	-.00306	-.00034	-.00002	-.00028	.01111
Stddev	.00007	.00008	.00739	.00040	.00027	.00044	.00513
%RSD	468.06	76.075	241.80	119.22	1422.8	160.27	46.145

#1	-.00004	.00017	-.00829	-.00005	-.00021	.00004	.01473
#2	.00007	.00005	.00217	-.00062	.00017	-.00059	.00748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.04389	.00060	-.00038	F 1.5412	-.00014	-.00030
Stddev	.00002	.02500	.00032	.00027	.0162	.00019	.00004
%RSD	30.064	56.977	52.317	70.483	1.0521	135.14	14.536

#1	-.00005	-.02620	.00083	-.00019	1.5298	-.00001	-.00027
#2	-.00007	-.06157	.00038	-.00056	1.5527	-.00028	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32639	.00031	-.00139	-.00085	-.00108	.00051	.00028
Stddev	.04234	.00021	.00121	.00151	.00131	.00030	.00216
%RSD	12.972	69.327	86.801	178.08	121.40	59.880	757.46

#1	.29645	.00046	-.00054	-.00191	-.00201	.00072	-.00124
#2	.35633	.00016	-.00225	.00022	-.00015	.00029	.00181

Sample Name: CCB11 Acquired: 10/24/2018 21:37:10 Type: Unk
 Method: P4-ICP2(v2523) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7605 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00195	-.0002	.00011	F .20654	F<.00000
Stddev	.00067	.0005	.00001	.20718	.53436
%RSD	34.548	209.6	8.3216	100.31	70.269

#1	.00147	-.0006	.00011	.35304	-1.1383
#2	.00243	.0001	.00012	.06003	-.38260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.1	40179.	4307.6	118.43	3150.9
Stddev	5.7	105.	34.7	3.38	10.1
%RSD	.22653	.26011	.80554	2.8510	.31942

#1	2506.1	40105.	4283.1	120.82	3143.8
#2	2514.2	40253.	4332.2	116.04	3158.0