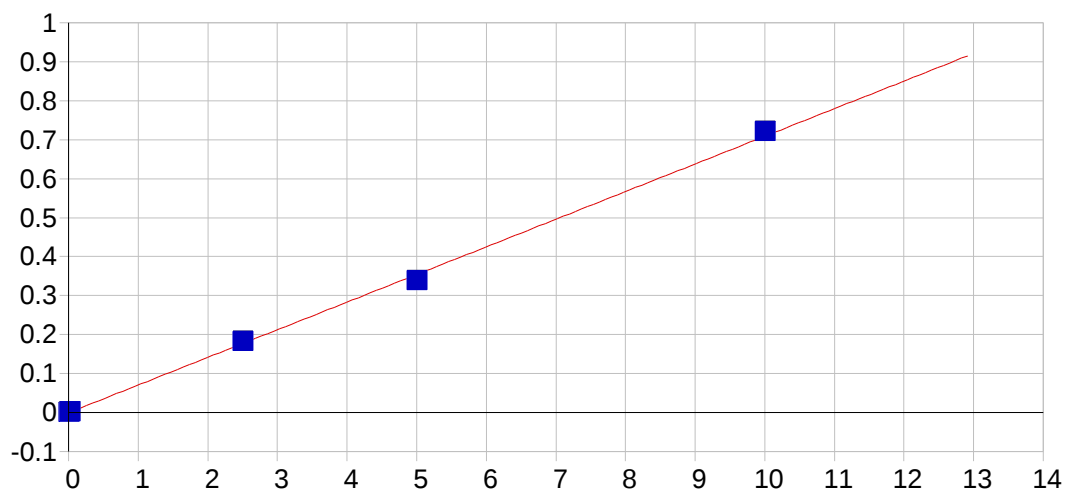


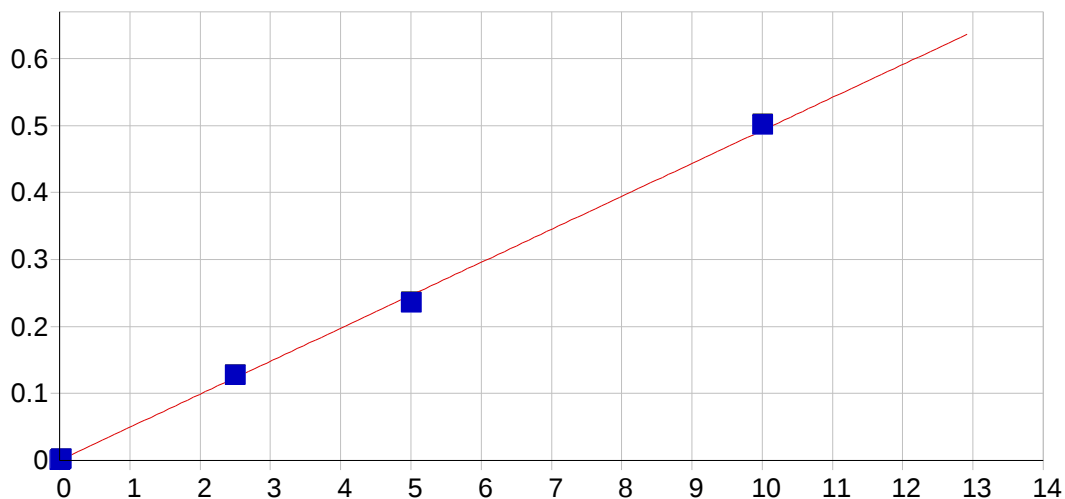


As 189.042 {478}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000254 Re-Slope: 1.000000
 A1 (Gain): 0.070895 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999557 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.002646
 Predicted MQL: 0.008821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02000	.01987	-.000	-.655	.00115	.000	1
S3	2.5000	2.5715	.071	2.86	.18204	.001	1
S4	5.0000	4.7669	-.233	-4.66	.33767	.001	1
S5	10.000	10.162	.162	1.62	.72012	.001	1



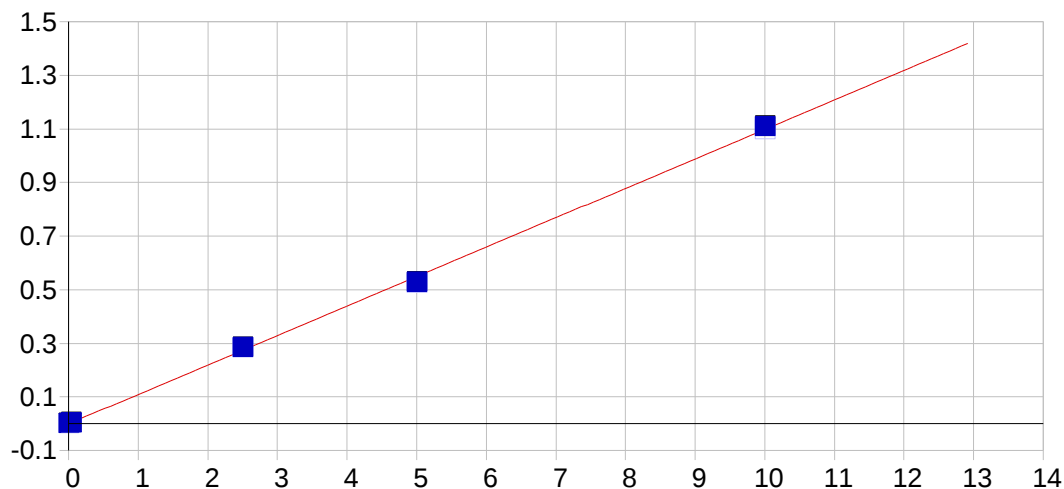
As 189.042 {479}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000462 Re-Slope: 1.000000

A1 (Gain): 0.049238 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999561 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.002436
 Predicted MQL: 0.008120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.02000	.02136	.001	6.79	.00151	.000	1
S3	2.5000	2.5745	.074	2.98	.12723	.000	1
S4	5.0000	4.7689	-.231	-4.62	.23528	.000	1
S5	10.000	10.155	.155	1.55	.50049	.001	1

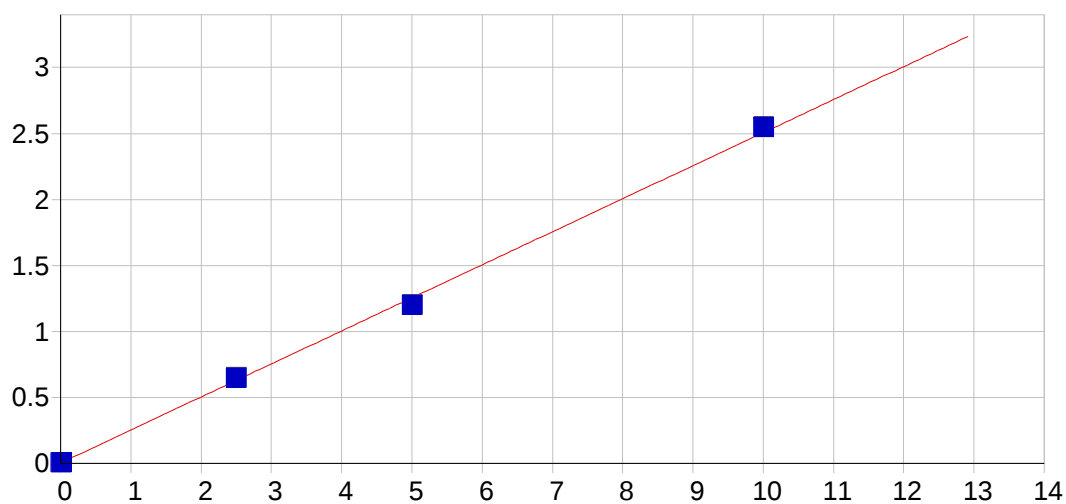


TI 190.856 {477}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000688 Re-Slope: 1.000000
 A1 (Gain): 0.109870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999669 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.001314
 Predicted MQL: 0.004381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00069	.000	1
S1	.04000	.04121	.001	3.01	.00373	.000	1
S3	2.5000	2.5931	.093	3.72	.28140	.001	1
S4	5.0000	4.8127	-.187	-3.75	.52245	.001	1
S5	10.000	10.093	.093	.930	1.0970	.003	1

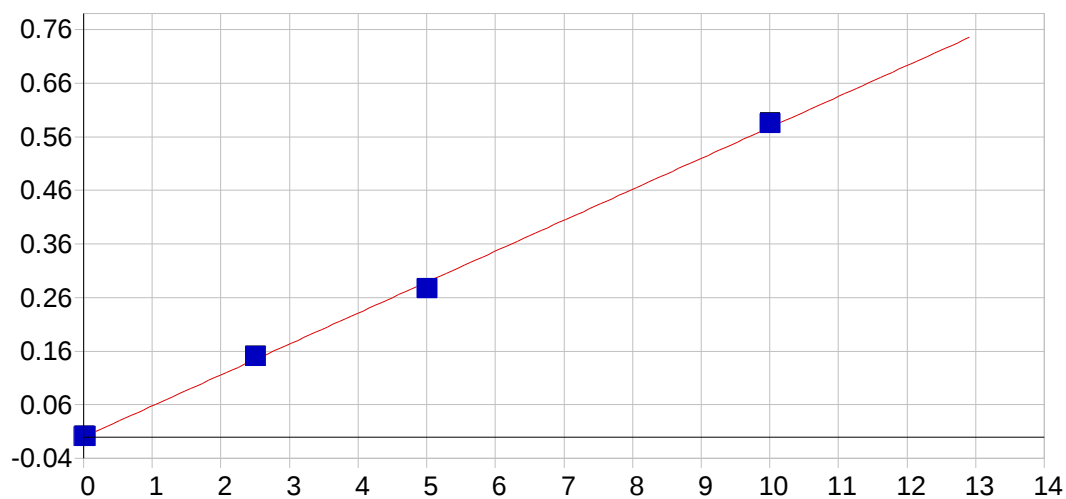


Pb 220.353 {453}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002788 Re-Slope: 1.000000
 A1 (Gain): 0.250360 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999578 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000965
 Predicted MQL: 0.003218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00279	.000	1
S1	.01200	.01188	-.000	-1.03	.00570	.000	1
S3	2.5000	2.5702	.070	2.81	.64542	.002	1
S4	5.0000	4.7731	-.227	-4.54	1.1961	.002	1
S5	10.000	10.157	.157	1.57	2.5423	.002	1



Se 196.090 {472}

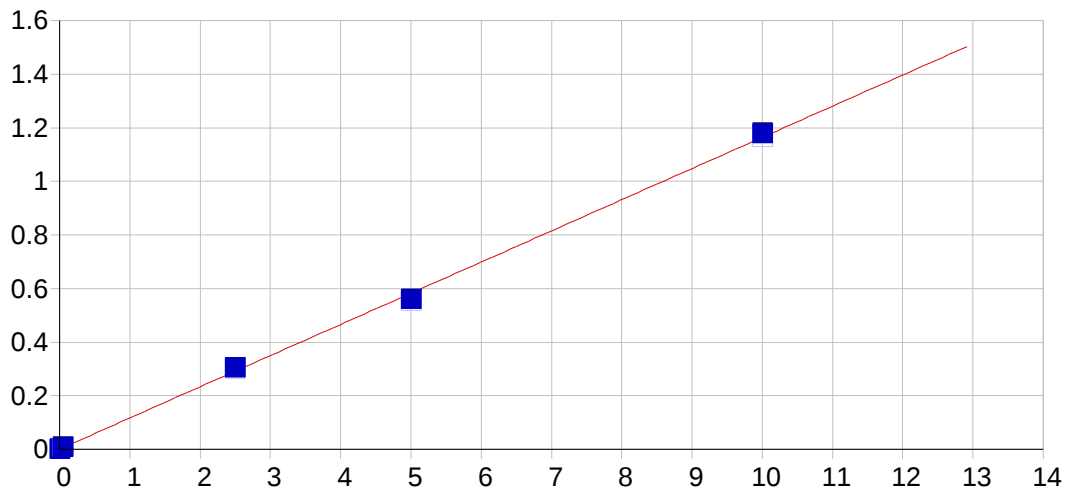
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.057731 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580
 Std Error of Est: 0.000040
 Predicted MDL: 0.002926
 Predicted MQL: 0.009754

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	.01790	-.002	-10.5	.00109	.000	1
S3	2.5000	2.5907	.091	3.63	.14959	.000	1
S4	5.0000	4.7816	-.218	-4.37	.27604	.000	1
S5	10.000	10.130	.130	1.30	.58474	.001	1



Sb 206.833 {463}

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

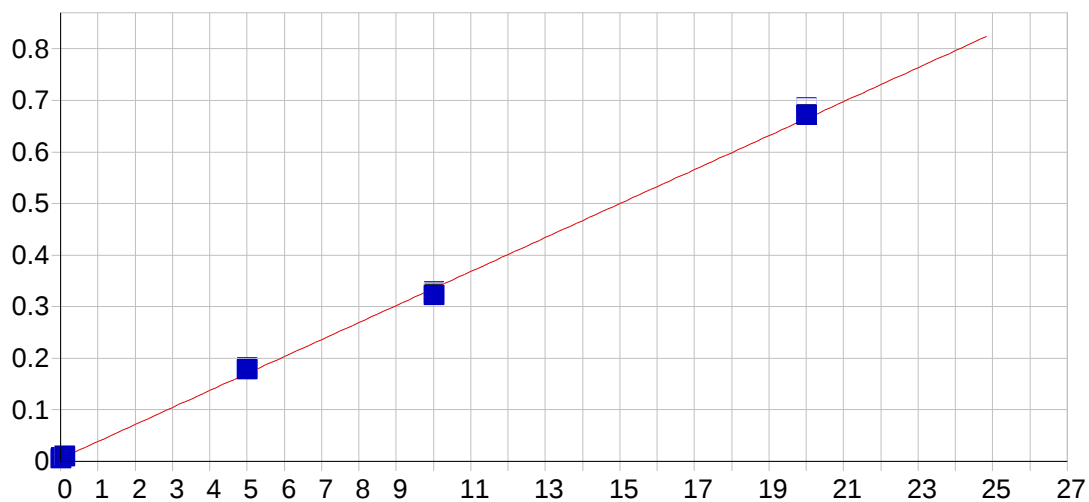
Weighting: 1/Conc

A0 (Offset): 0.000749
 A1 (Gain): 0.116315
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625
 Std Error of Est: 0.000120
 Predicted MDL: 0.001820
 Predicted MQL: 0.006065

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	.00075	.000	1
S1	.05000	.05064	.001	1.28	.00649	.000	1
S3	2.5000	2.5931	.093	3.72	.29909	.000	1
S4	5.0000	4.7974	-.203	-4.05	.55222	.001	1
S5	10.000	10.109	.109	1.09	1.1635	.003	1

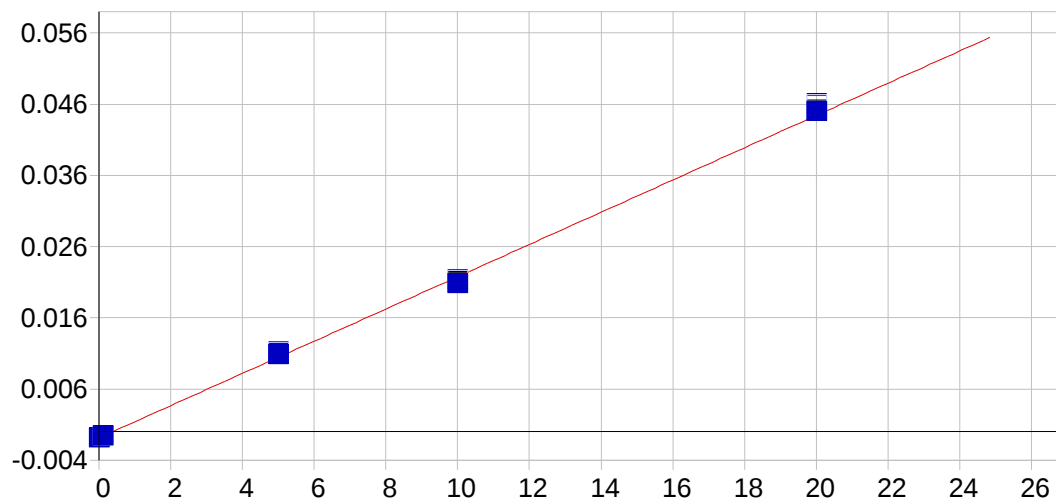


AI 308.215 {109}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005516 Re-Slope: 1.000000
 A1 (Gain): 0.032960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999596 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.002857
 Predicted MQL: 0.009524

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00552	.000	1
S1	.10000	.11292	.013	12.9	.00947	.000	1
S3	5.0000	5.2093	.209	4.19	.18050	.000	1
S4	10.000	9.5845	-.415	-4.15	.32799	.001	1
S5	20.000	20.193	.193	.963	.68420	.000	1



AI 309.271 {109}

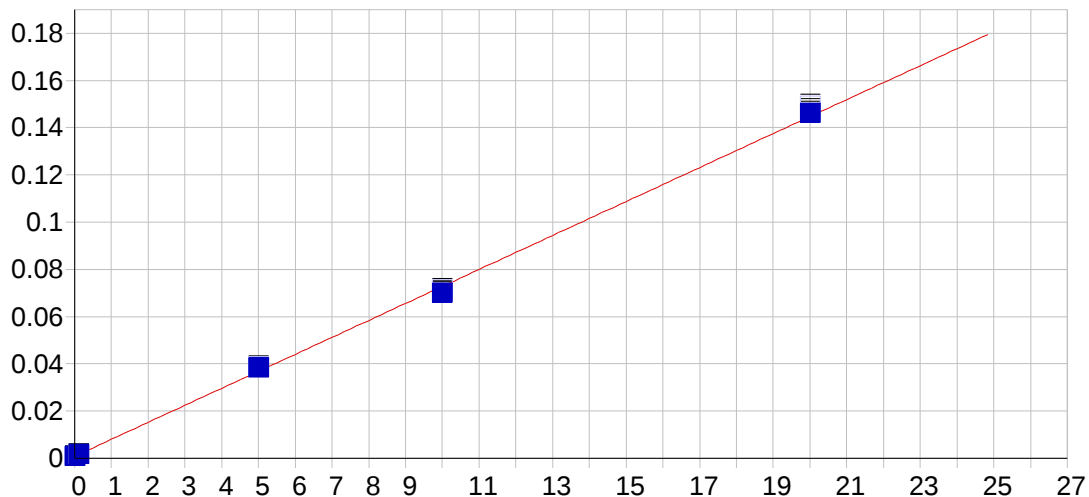
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000858 Re-Slope: 1.000000
 A1 (Gain): 0.002264 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580
 Std Error of Est: 0.000005
 Predicted MDL: 0.031879
 Predicted MQL: 0.106263

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00086	.000	1
S1	.10000	.11334	.013	13.3	-.00059	.000	1
S3	5.0000	5.1773	.177	3.55	.01109	.000	1
S4	10.000	9.5586	-.441	-4.41	.02123	.000	1
S5	20.000	20.250	.250	1.25	.04589	.000	1



AI 396.152 { 85}

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

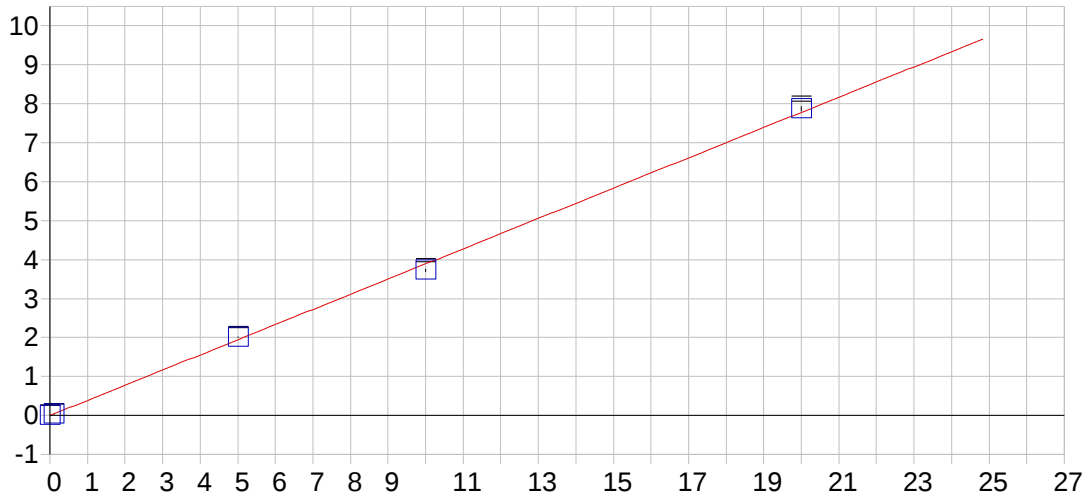
Weighting: 1/Conc

A0 (Offset): 0.000876
 A1 (Gain): 0.007191
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999642
 Std Error of Est: 0.000015
 Predicted MDL: 0.015068
 Predicted MQL: 0.050226

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	.00088	.000	1
S1	.10000	.11372	.014	13.7	.00174	.000	1
S3	5.0000	5.1860	.186	3.72	.03889	.000	1
S4	10.000	9.6062	-.394	-3.94	.07139	.000	1
S5	20.000	20.193	.193	.967	.14896	.001	1

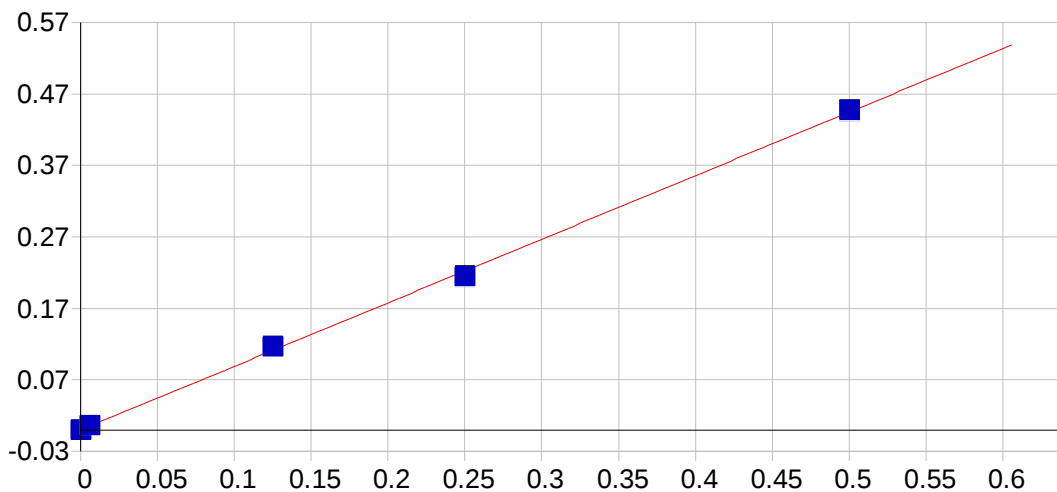


Ba 493.409 { 68}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003046 Re-Slope: 1.000000
 A1 (Gain): 0.389144 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999615 Status: OK.
 Std Error of Est: 0.000826
 Predicted MDL: 0.000666
 Predicted MQL: 0.002221

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00305	.000	1
S1	.10000	.10237	.002	2.37	.03679	.001	1
S3	5.0000	5.1729	.173	3.46	2.0099	.013	1
S5	20.000	20.248	.248	1.24	7.8765	.068	1
S4	10.000	9.5763	-.424	-4.24	3.7235	.035	1



Be 234.861 {144}

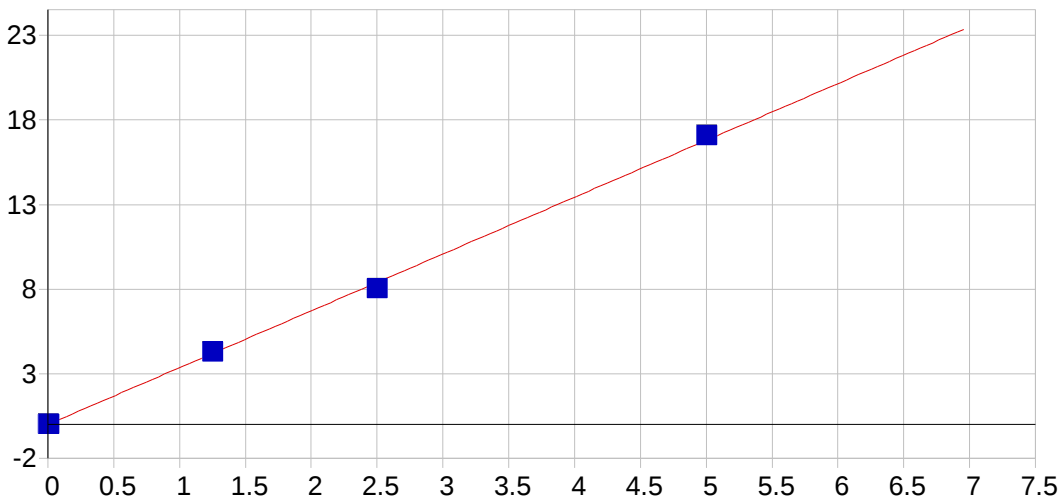
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.889404 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999622
 Std Error of Est: 0.000072
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.00600	.00642	.000	7.00	.00559	.000	1
S3	.12500	.13091	.006	4.73	.11566	.000	1
S4	.25000	.24087	-.009	-3.65	.21276	.001	1
S5	.50000	.50280	.003	.561	.44433	.000	1



Cd 226.502 {449}

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

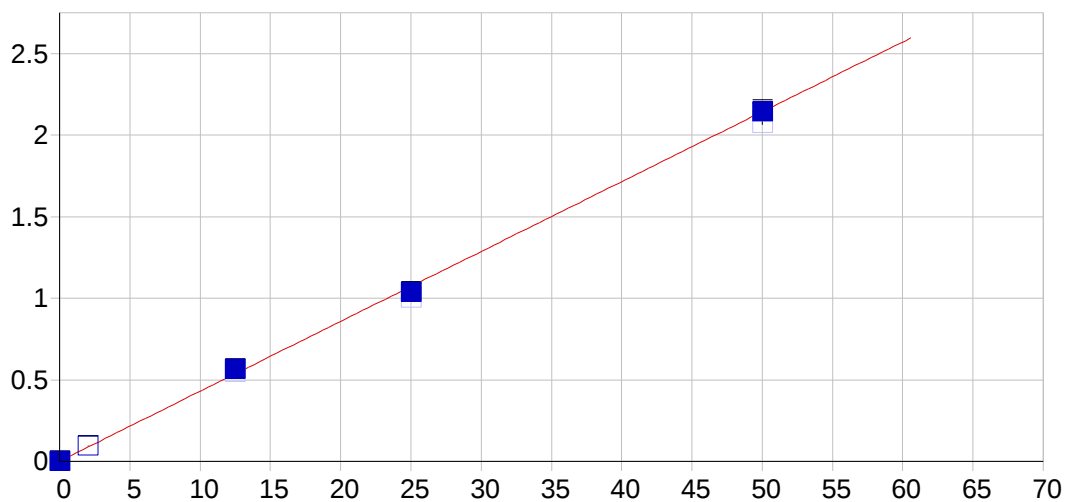
Weighting: 1/Conc

A0 (Offset): -0.001093
 A1 (Gain): 3.359247
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619
 Std Error of Est: 0.000868
 Predicted MDL: 0.000081
 Predicted MQL: 0.000271

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	-.00109	.000	1
S1	.00600	.00592	-.000	-1.41	.01882	.000	1
S3	1.2500	1.2722	.022	1.77	4.2733	.009	1
S4	2.5000	2.3908	-.109	-4.37	8.0320	.007	1
S5	5.0000	5.0872	.087	1.74	17.092	.006	1

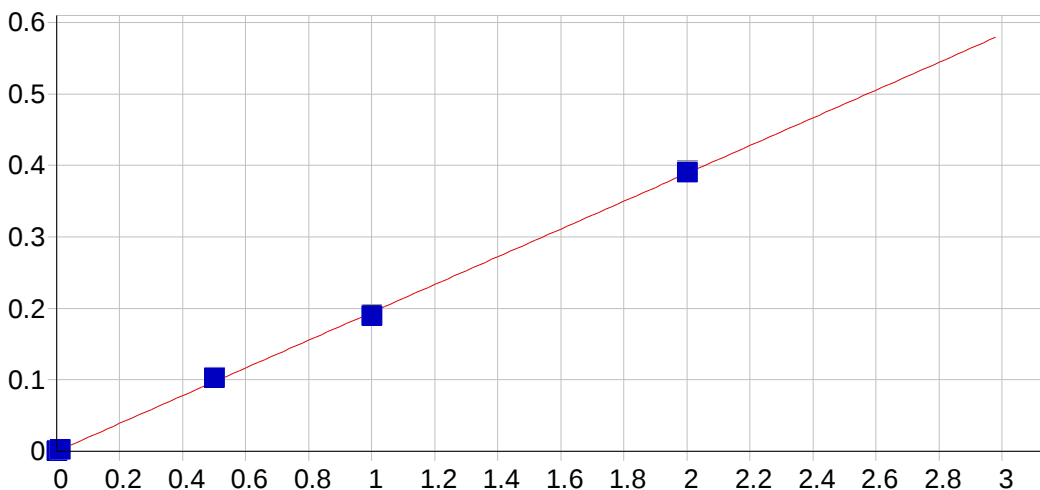


Ca 373.690 { 90}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001528 Re-Slope: 1.000000
 A1 (Gain): 0.042829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999494 Status: OK.
 Std Error of Est: 0.000720
 Predicted MDL: 0.019344
 Predicted MQL: 0.064479

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1982	.198	9.91	.09568	.000	1
S0	.00000	-.00023	-.000	.000	.00152	.000	1
S3	12.500	13.155	.655	5.24	.54711	.002	1
S4	25.000	24.122	-.878	-3.51	.99896	.006	1
S5	50.000	50.018	.018	.037	2.0724	.009	1



Cr 267.716 {126}

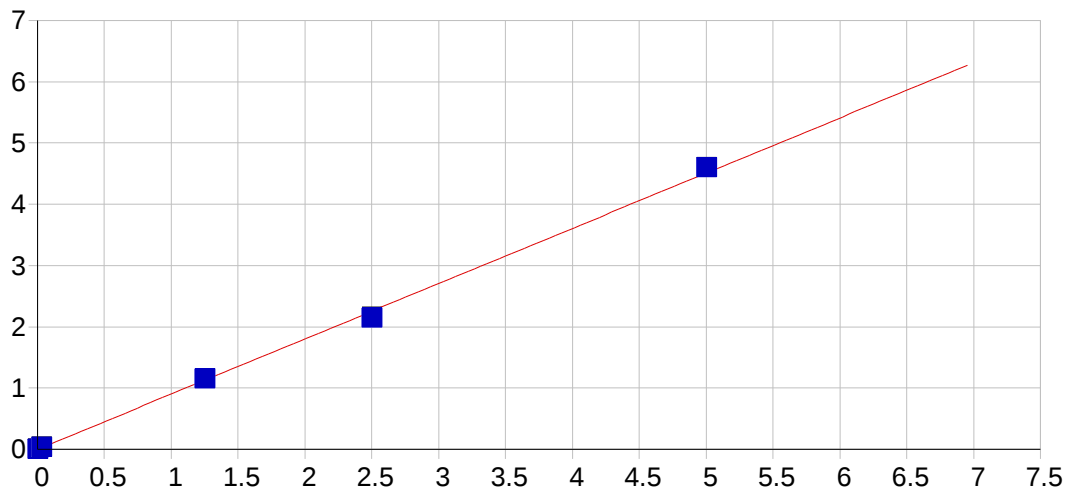
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.194411 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999687
 Std Error of Est: 0.000037
 Predicted MDL: 0.000432
 Predicted MQL: 0.001440

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	.01035	.000	3.53	.00212	.000	1
S3	.50000	.52621	.026	5.24	.10316	.000	1
S4	1.0000	.97100	-.029	-2.90	.19039	.000	1
S5	2.0000	2.0024	.002	.122	.39245	.000	1



Co 228.616 {447}

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

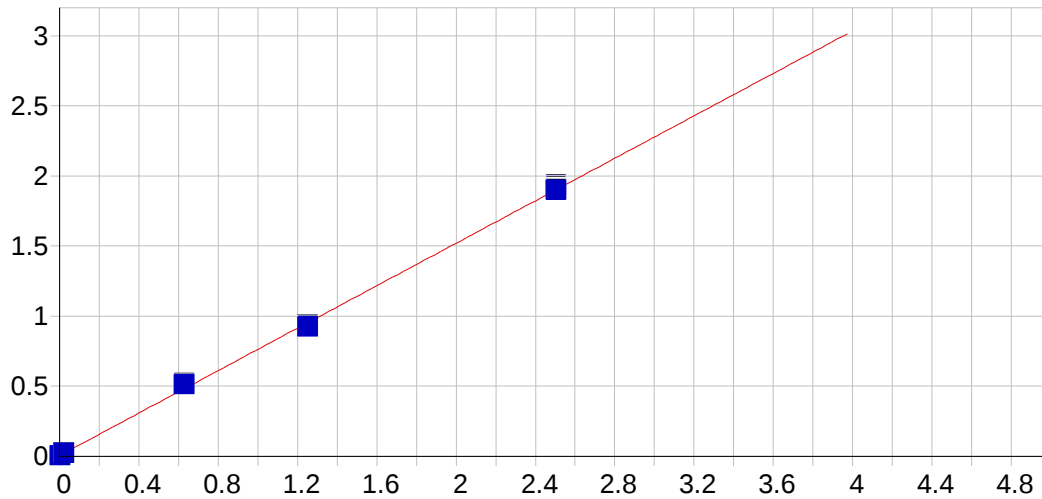
Weighting: 1/Conc

A0 (Offset): 0.000566
 A1 (Gain): 0.901483
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999531
 Std Error of Est: 0.000579
 Predicted MDL: 0.000248
 Predicted MQL: 0.000826

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.03000	.02931	-.001	-2.31	.02680	.000	1
S3	1.2500	1.2751	.025	2.01	1.1510	.002	1
S4	2.5000	2.3789	-.121	-4.84	2.1469	.002	1
S5	5.0000	5.0966	.097	1.93	4.5986	.003	1

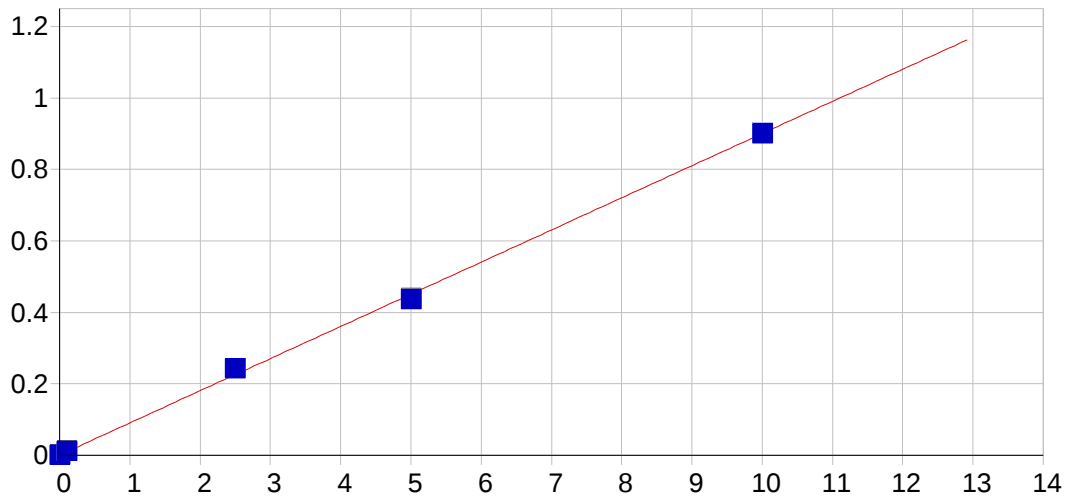


Cu 224.700 {450}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006003 Re-Slope: 1.000000
 A1 (Gain): 0.757166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999535 Status: OK.
 Std Error of Est: 0.000284
 Predicted MDL: 0.000418
 Predicted MQL: 0.001394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00600	.000	1
S1	.02000	.02190	.002	9.52	.02282	.000	1
S3	.62500	.66497	.040	6.40	.51715	.001	1
S4	1.2500	1.2070	-.043	-3.44	.93517	.001	1
S5	2.5000	2.5012	.001	.047	1.9304	.003	1



Fe 240.488 {140}

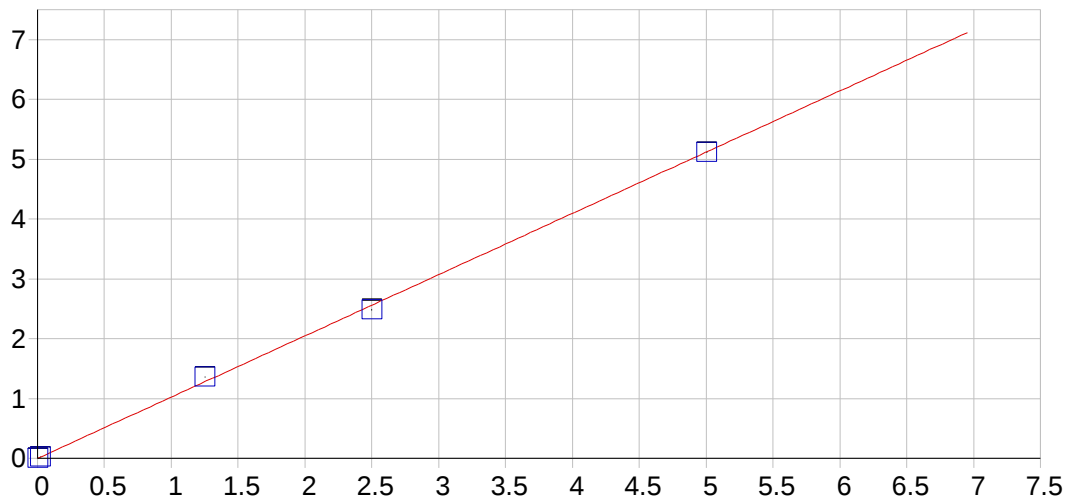
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000763 Re-Slope: 1.000000
 A1 (Gain): 0.089966 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999508
 Std Error of Est: 0.000153
 Predicted MDL: 0.000754
 Predicted MQL: 0.002513

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00076	.000	1
S1	.10000	.10744	.007	7.44	.01047	.000	1
S3	2.5000	2.6707	.171	6.83	.24187	.000	1
S4	5.0000	4.8384	-.162	-3.23	.43773	.001	1
S5	10.000	9.9835	-.017	-.165	.90229	.000	1



Mn 257.610 {131}

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

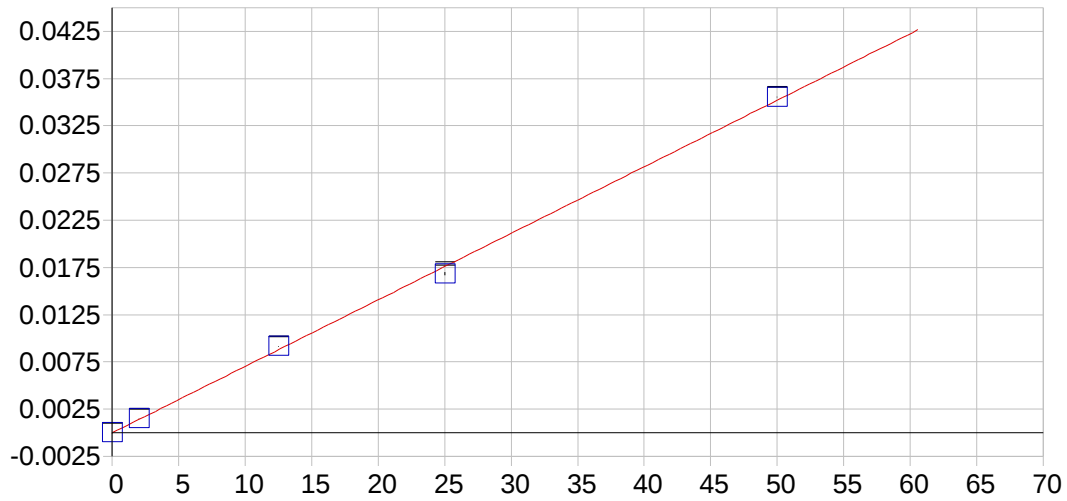
Weighting: 1/Conc

A0 (Offset): 0.000064
 A1 (Gain): 1.023666
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999603
 Std Error of Est: 0.000493
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

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	.00006	.000	1
S1	.02000	.02233	.002	11.7	.02293	.000	1
S3	1.2500	1.3253	.075	6.03	1.3567	.003	1
S4	2.5000	2.4266	-.073	-2.94	2.4840	.008	1
S5	5.0000	4.9958	-.004	-.084	5.1141	.002	1

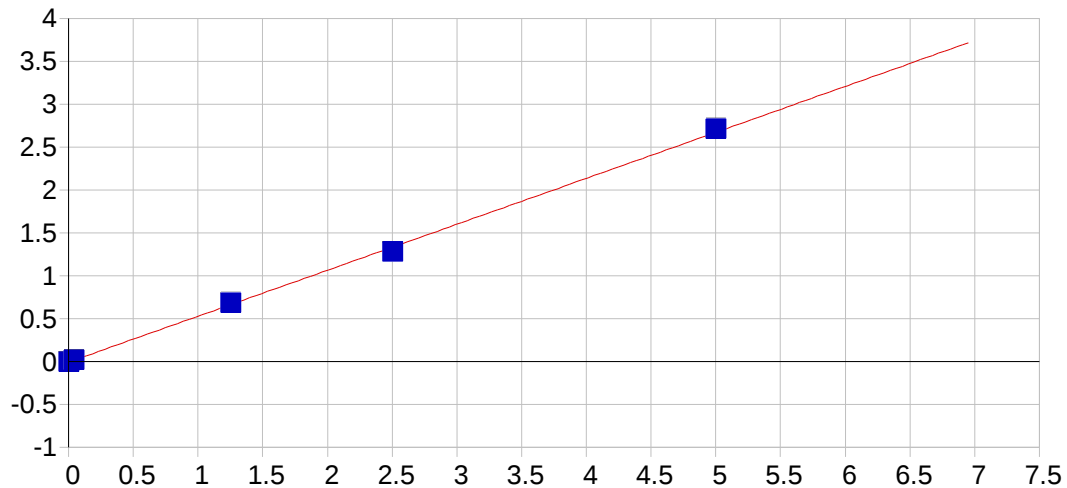


Mg 279.079 {121}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.000704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.051609
 Predicted MQL: 0.172031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1218	.122	6.09	.00148	.000	1
S0	.00000	-.00013	-.000	.000	-.00002	.000	1
S3	12.500	12.990	.490	3.92	.00913	.000	1
S4	25.000	23.903	-1.10	-4.39	.01682	.000	1
S5	50.000	50.485	.485	.970	.03555	.000	1



Ni 231.604 {445}

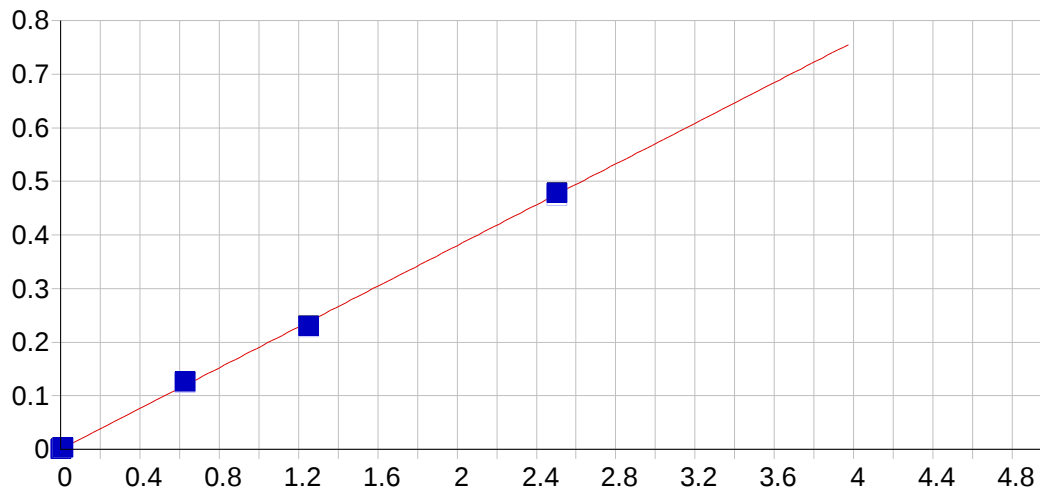
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006986 Re-Slope: 1.000000
 A1 (Gain): 0.535829 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608
 Std Error of Est: 0.000363
 Predicted MDL: 0.000450
 Predicted MQL: 0.001498

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00699	.000	1
S1	.04000	.04051	.001	1.28	.01473	.000	1
S3	1.2500	1.2870	.037	2.96	.68334	.000	1
S4	2.5000	2.3907	-.109	-4.37	1.2755	.001	1
S5	5.0000	5.0718	.072	1.44	2.7136	.003	1



Ag 328.068 {103}

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

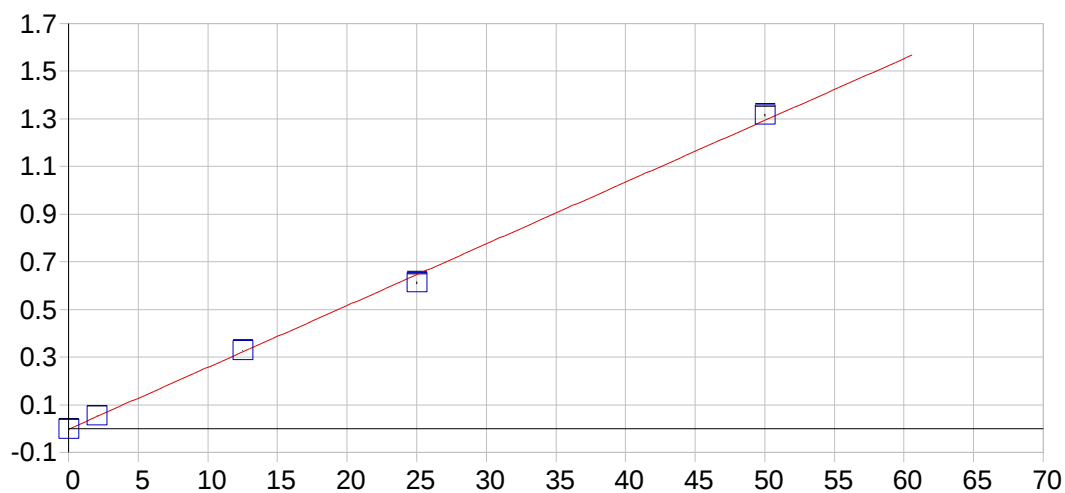
Weighting: 1/Conc

A0 (Offset): 0.000142
 A1 (Gain): 0.190034
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999632
 Std Error of Est: 0.000044
 Predicted MDL: 0.000660
 Predicted MQL: 0.002199

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	.00014	.000	1
S1	.01000	.01056	.001	5.61	.00211	.000	1
S3	.62500	.65592	.031	4.95	.12344	.000	1
S4	1.2500	1.2062	-.044	-3.50	.22666	.000	1
S5	2.5000	2.5123	.012	.493	.47216	.001	1

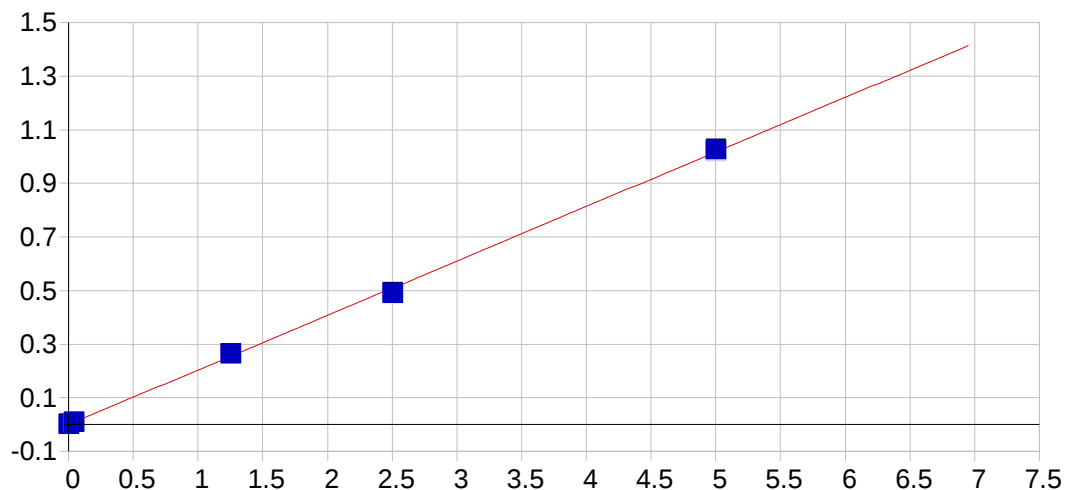


Na 589.592 { 57}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002247 Re-Slope: 1.000000
 A1 (Gain): 0.025915 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999462 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.010618
 Predicted MQL: 0.035393

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1452	.145	7.26	.05335	.001	1
S0	.00000	-.00012	-.000	.000	-.00225	.000	1
S3	12.500	12.762	.262	2.09	.32848	.001	1
S4	25.000	23.724	-1.28	-5.10	.61257	.006	1
S5	50.000	50.869	.869	1.74	1.3160	.006	1



V 292.402 {115}

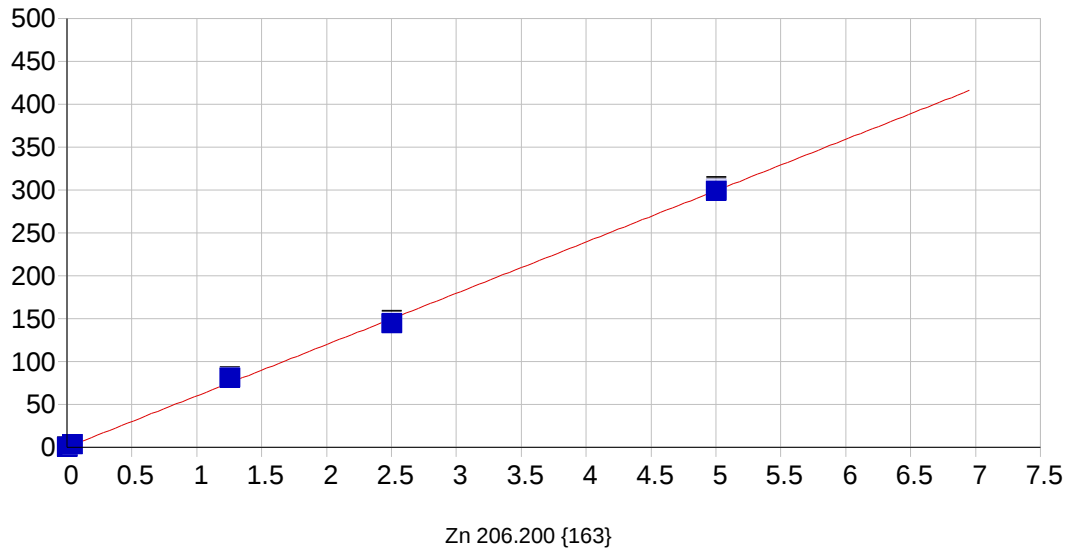
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.203386 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999711
 Std Error of Est: 0.000117
 Predicted MDL: 0.000481
 Predicted MQL: 0.001603

Status: OK.

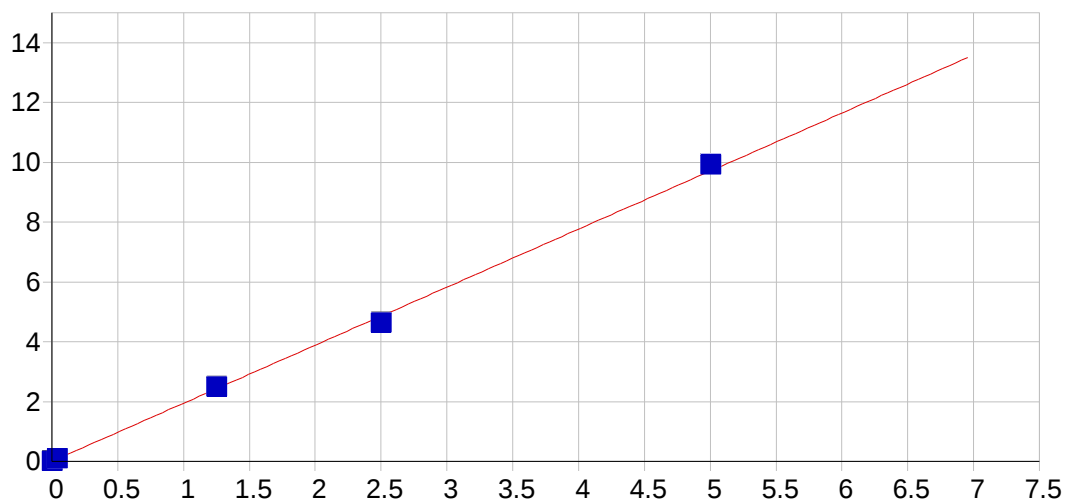
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.04000	.04103	.001	2.57	.00827	.000	1
S3	1.2500	1.2951	.045	3.61	.26180	.001	1
S4	2.5000	2.4131	-.087	-3.48	.48751	.001	1
S5	5.0000	5.0408	.041	.816	1.0186	.001	1



Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.123105 Re-Slope: 1.000000
 A1 (Gain): 59.824793 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999360 Status: OK.
 Std Error of Est: 0.052135
 Predicted MDL: 0.000369
 Predicted MQL: 0.001230

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.12269	.047	1
S1	.04000	.04548	.005	13.7	2.8594	.067	1
S3	1.2500	1.3455	.095	7.64	81.067	.701	1
S4	2.5000	2.4085	-.091	-3.66	145.12	2.80	1
S5	5.0000	4.9905	-.009	-.189	300.49	3.53	1

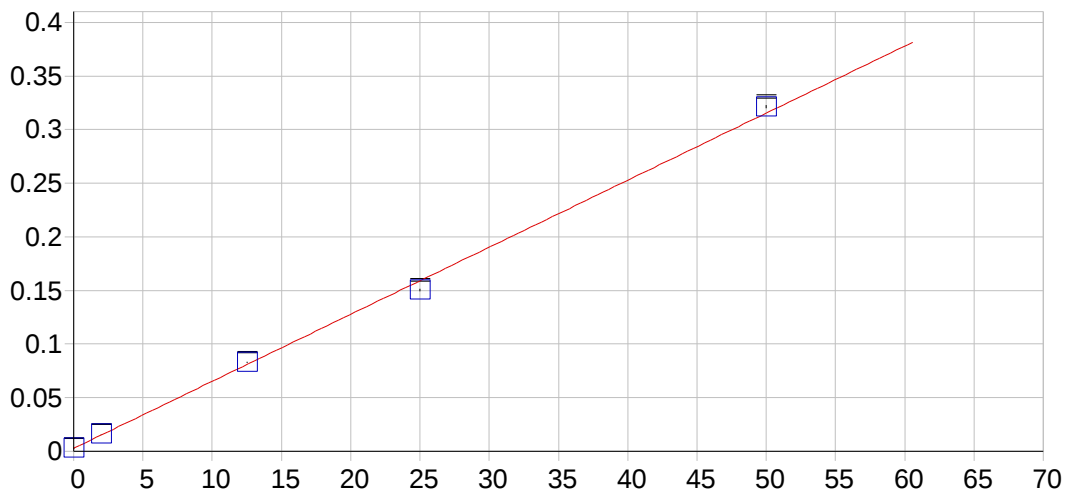


Zn 213.856 {458}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002916 Re-Slope: 1.000000
 A1 (Gain): 1.940687 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999502 Status: OK.
 Std Error of Est: 0.001492
 Predicted MDL: 0.000099
 Predicted MQL: 0.000331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00292	.000	1
S1	.04000	.03892	-.001	-2.69	.07900	.000	1
S3	1.2500	1.2778	.028	2.22	2.4982	.009	1
S4	2.5000	2.3747	-.125	-5.01	4.6425	.005	1
S5	5.0000	5.0986	.099	1.97	9.9595	.001	1



K 766.490 {44}

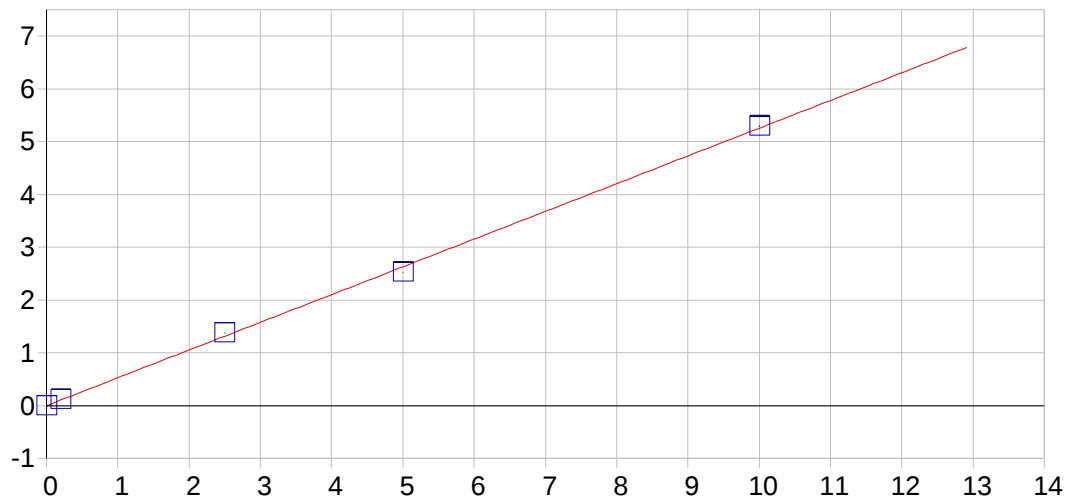
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002693 Re-Slope: 1.000000
 A1 (Gain): 0.006253 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999418
 Std Error of Est: 0.000117
 Predicted MDL: 0.041773
 Predicted MQL: 0.139243

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1036	.104	5.18	.01585	.000	1
S0	.00000	-.00008	-.000	.000	.00269	.000	1
S3	12.500	12.797	.297	2.37	.08271	.001	1
S4	25.000	23.643	-1.36	-5.43	.15054	.001	1
S5	50.000	50.956	.956	1.91	.32132	.002	1



Mo 202.030 {467}

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

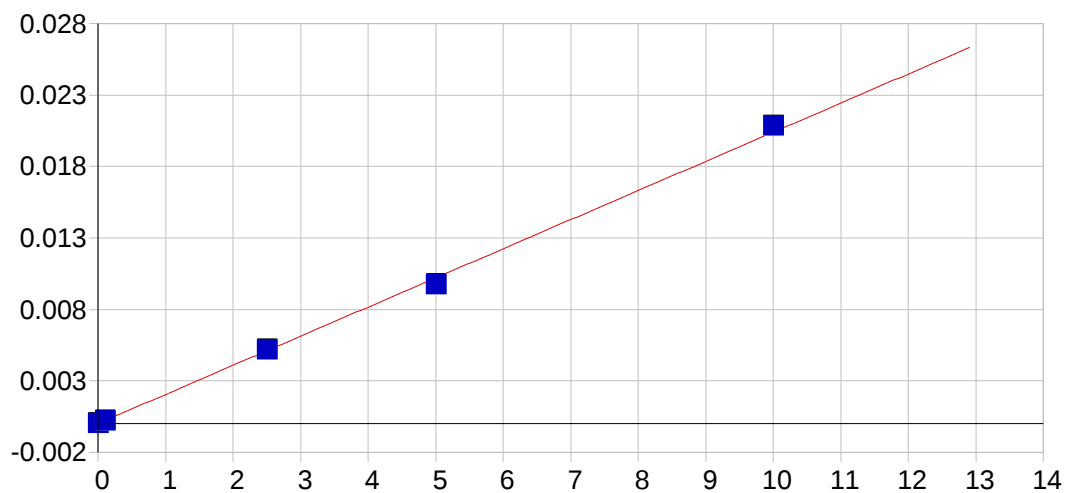
Weighting: 1/Conc

A0 (Offset): -0.000328
 A1 (Gain): 0.525450
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595
 Std Error of Est: 0.001148
 Predicted MDL: 0.000326
 Predicted MQL: 0.001086

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00034	.000	1
S1	.20000	.21270	.013	6.35	.11144	.001	1
S3	2.5000	2.6130	.113	4.52	1.3727	.001	1
S4	5.0000	4.8014	-.199	-3.97	2.5226	.003	1
S5	10.000	10.073	.073	.729	5.2925	.007	1

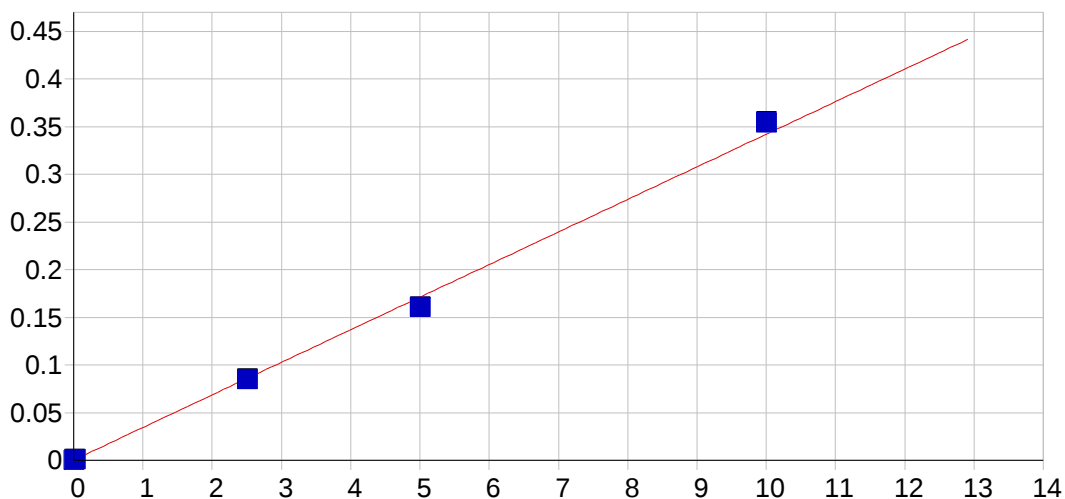


B 249.678 {135}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.002038 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999546 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.013187
 Predicted MQL: 0.043956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09728	-.003	-2.72	.00021	.000	1
S3	2.5000	2.5300	.030	1.20	.00516	.000	1
S4	5.0000	4.7640	-.236	-4.72	.00970	.000	1
S5	10.000	10.209	.209	2.09	.02077	.000	1



S 182.034 {485}

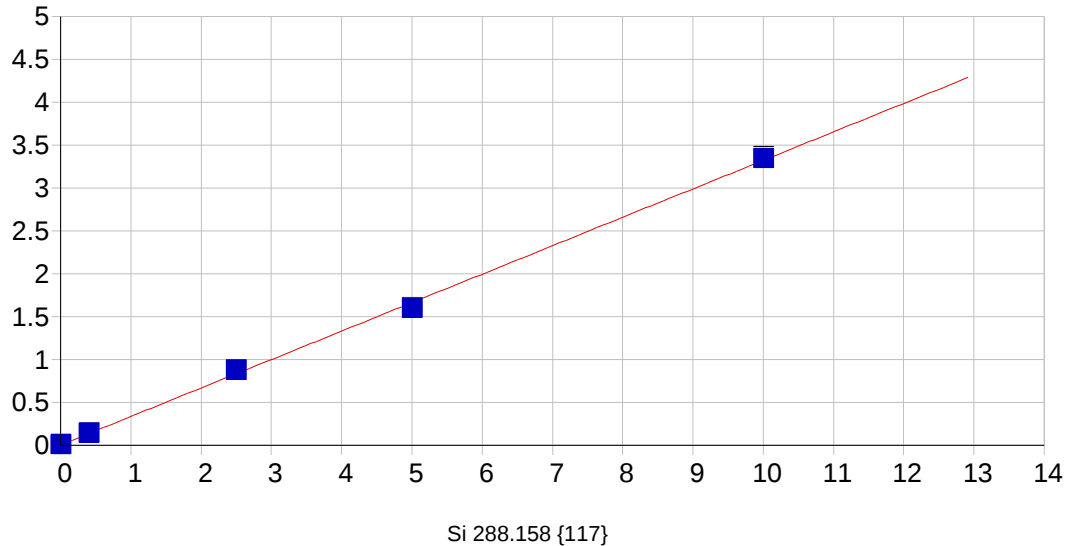
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000265 Re-Slope: 1.000000
 A1 (Gain): 0.034180 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999051
 Std Error of Est: 0.000036
 Predicted MDL: 0.003030
 Predicted MQL: 0.010099

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.02000	.01839	-.002	-8.04	.00087	.000	1
S3	2.5000	2.4668	-.033	-1.33	.08449	.000	1
S4	5.0000	4.6821	-.318	-6.36	.16011	.000	1
S5	10.000	10.353	.353	3.53	.35374	.001	1



Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

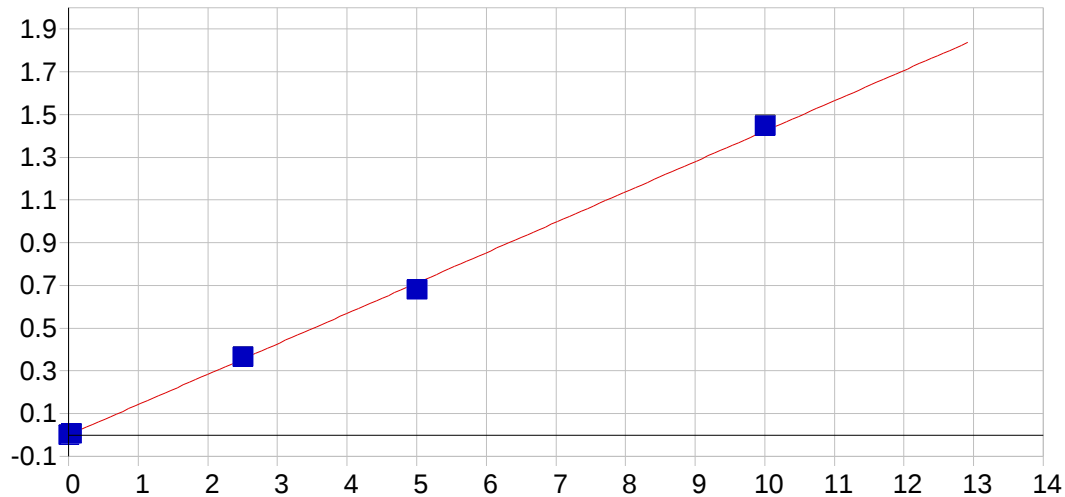
Weighting: 1/Conc

A0 (Offset): 0.004551
 A1 (Gain): 0.331793
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608
 Std Error of Est: 0.001014
 Predicted MDL: 0.002786
 Predicted MQL: 0.009287

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	.00455	.000	1
S1	.40000	.40634	.006	1.58	.13926	.003	1
S3	2.5000	2.6188	.119	4.75	.87302	.006	1
S4	5.0000	4.8030	-.197	-3.94	1.5973	.004	1
S5	10.000	10.072	.072	.718	3.3445	.018	1

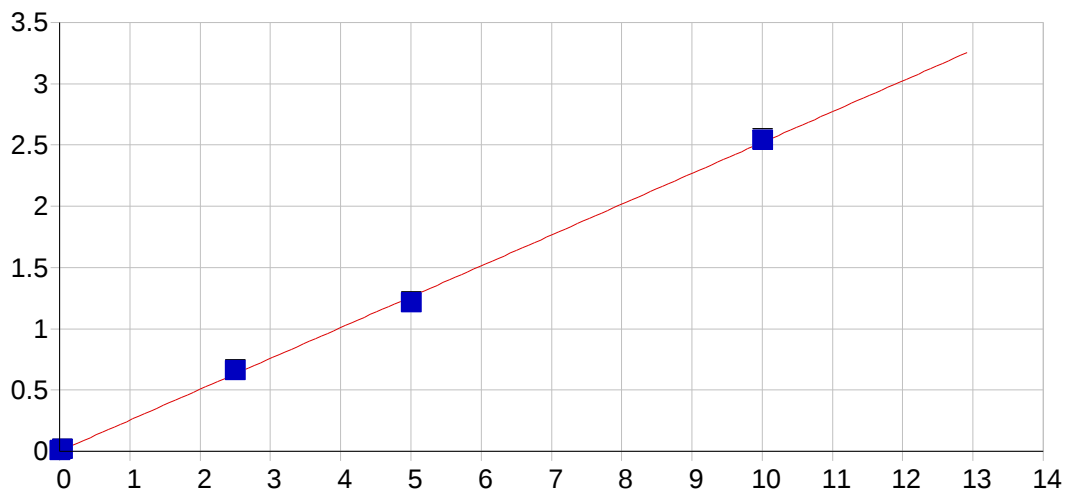


Sn 189.989 {477}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.142260 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999582 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.000765
 Predicted MQL: 0.002549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.04000	.03836	-.002	-4.09	.00536	.000	1
S3	2.5000	2.5569	.057	2.28	.36372	.000	1
S4	5.0000	4.7725	-.228	-4.55	.67896	.001	1
S5	10.000	10.172	.172	1.72	1.4473	.002	1



Ti 336.121 {100}

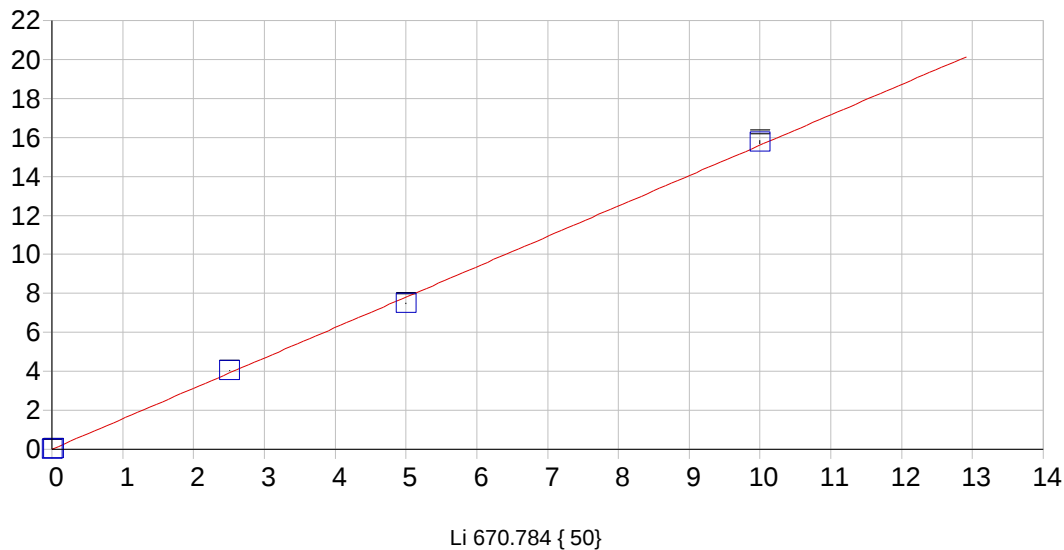
Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002690 Re-Slope: 1.000000
 A1 (Gain): 0.251764 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999627
 Std Error of Est: 0.000235
 Predicted MDL: 0.002353
 Predicted MQL: 0.007843

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00269	.000	1
S1	.04000	.04122	.001	3.05	.01306	.000	1
S3	2.5000	2.6117	.112	4.47	.66015	.002	1
S4	5.0000	4.8075	-.193	-3.85	1.2129	.005	1
S5	10.000	10.080	.080	.796	2.5400	.011	1



Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

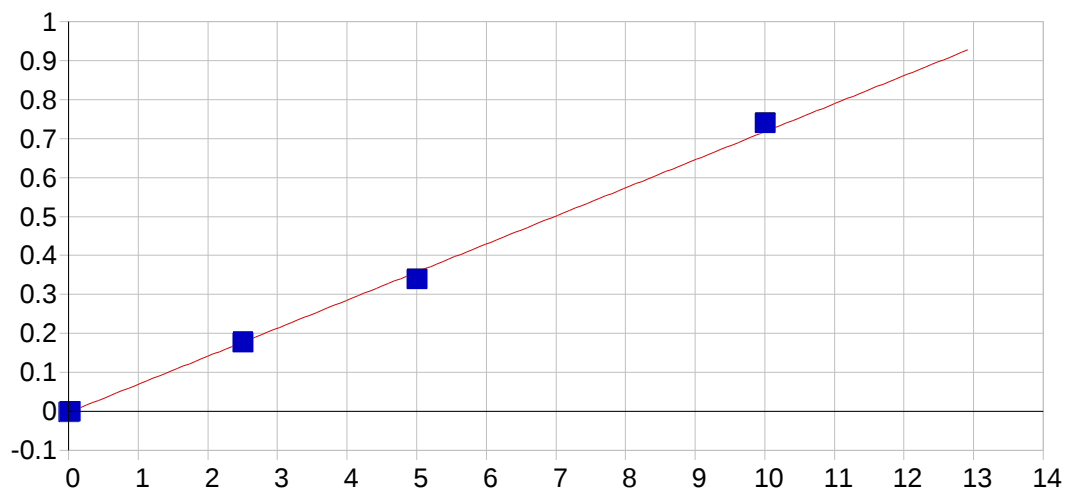
Weighting: 1/Conc

A0 (Offset): 0.006214
 A1 (Gain): 1.559503
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999649
 Std Error of Est: 0.000998
 Predicted MDL: 0.001870
 Predicted MQL: 0.006235

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	.00621	.003	1
S1	.02000	.02102	.001	5.08	.03899	.002	1
S3	2.5000	2.5929	.093	3.72	4.0499	.003	1
S4	5.0000	4.8032	-.197	-3.94	7.4968	.035	1
S5	10.000	10.103	.103	1.03	15.762	.093	1



P 177.495 {490}

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002441 Re-Slope: 1.000000
 A1 (Gain): 0.071983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999324 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.001610
 Predicted MQL: 0.005366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00244	.000	1
S1	.02000	.01823	-.002	-8.84	-.00113	.000	1
S3	2.5000	2.4860	-.014	-.561	.17625	.000	1
S4	5.0000	4.7261	-.274	-5.48	.33724	.001	1
S5	10.000	10.290	.290	2.90	.73720	.001	1



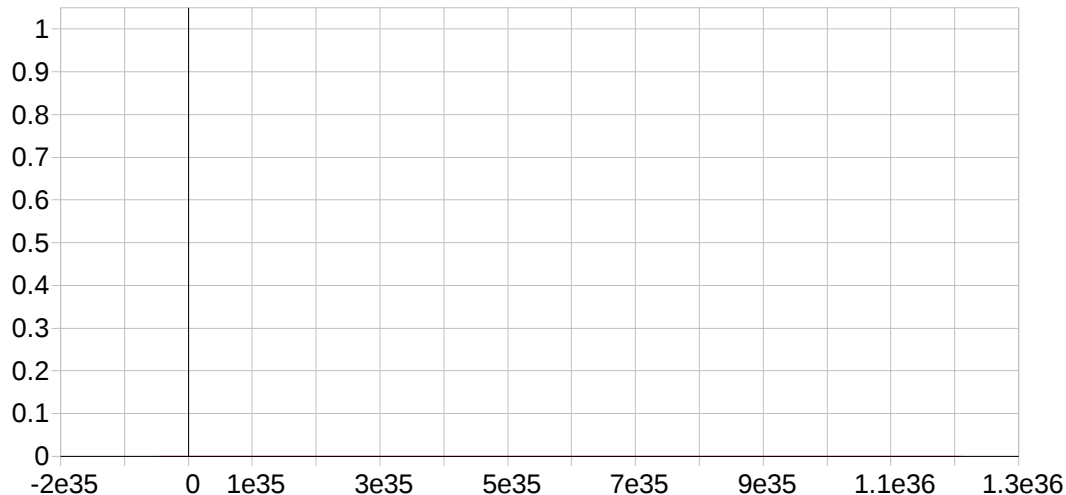
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

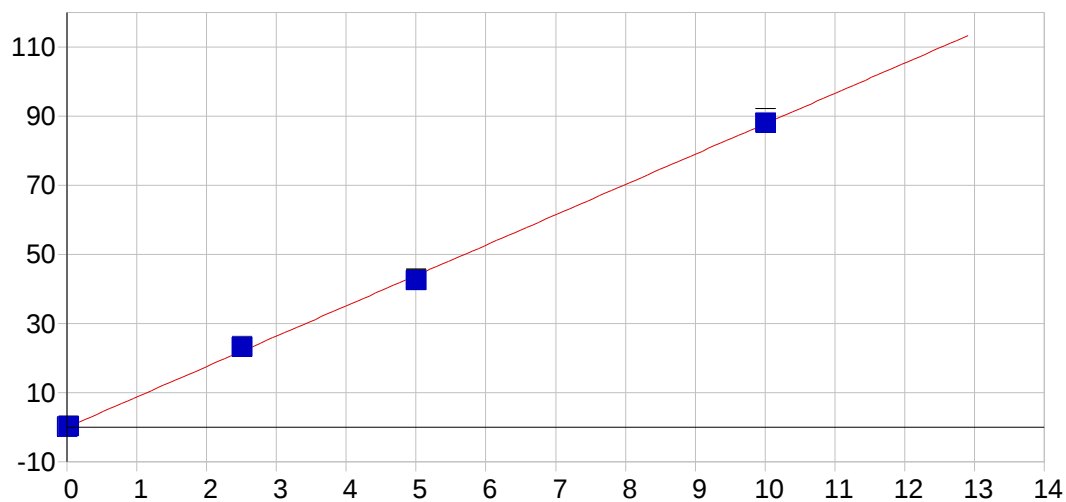
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 6/4/2019 17:01:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.010892

Re-Slope: 1.000000

A1 (Gain): 8.780960

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999613

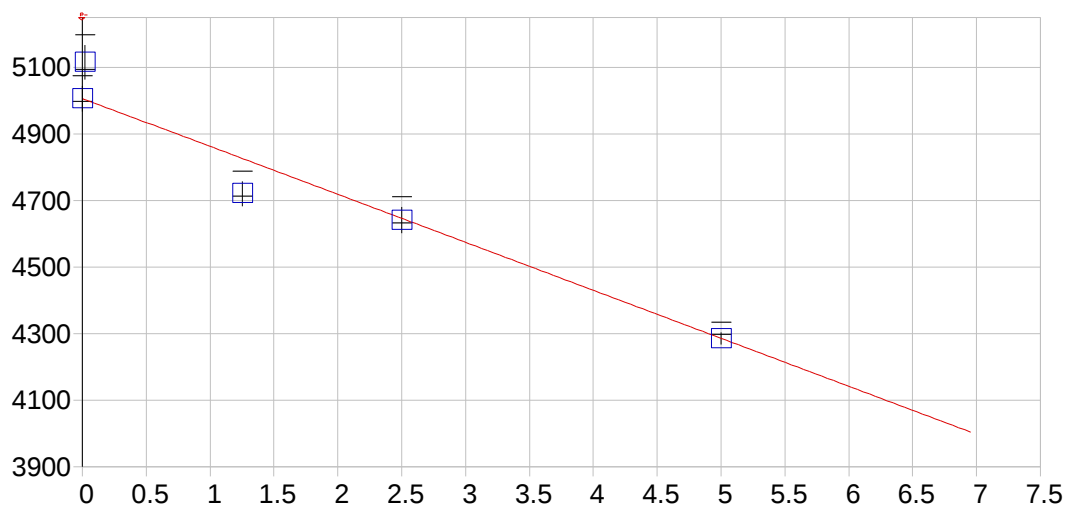
Status: OK.

Std Error of Est: 0.005912

Predicted MDL: 0.000133

Predicted MQL: 0.000442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01090	.001	1
S1	.02000	.02094	.001	4.69	.17393	.001	1
S3	2.5000	2.6401	.140	5.60	23.196	.062	1
S4	5.0000	4.8320	-.168	-3.36	42.467	.322	1
S5	10.000	10.027	.027	.269	88.132	1.18	1

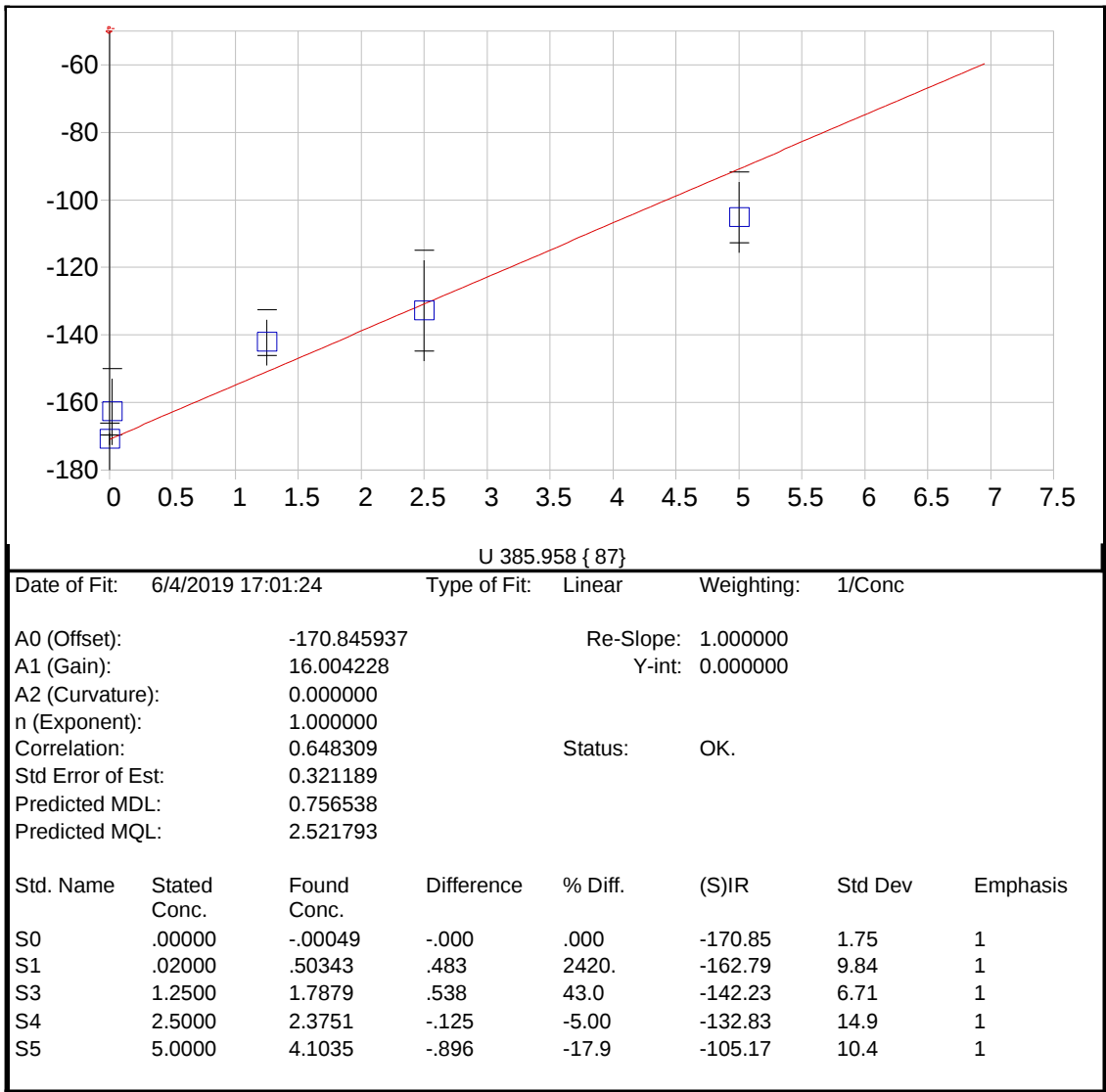


U 367.007 { 92 }

Date of Fit: 6/4/2019 17:01:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5006.671984 Re-Slope: 1.000000
A1 (Gain): -144.125400 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.470983 Status: Warning Negative Gain
Std Error of Est: 4.612981
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	5006.6	38.3	1
S1	.02000	-.75850	-.778	-3890.	5116.0	52.1	1
S3	1.2500	1.9847	.735	58.8	4720.6	37.4	1
S4	2.5000	2.5360	.036	1.44	4641.2	39.1	1
S5	5.0000	5.0078	.008	.155	4284.9	18.3	1



Sample Name: S0 Acquired: 6/4/2019 12:14:34 Type: Cal
Method: P4-ICP2(v3172) 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	.00046	-.00069	.00279	.00006	.00075	.00088	-.00305	-.00007
Stddev	.00008	.00021	.00015	.00028	.00023	.00019	.00021	.00004
%RSD	18.249	30.158	5.4797	481.15	30.441	21.350	6.9609	59.872
#1	.00039	-.00071	.00286	-.00027	.00051	.00077	-.00307	-.00002
#2	.00055	-.00047	.00289	.00023	.00077	.00109	-.00325	-.00008
#3	.00045	-.00088	.00261	.00021	.00097	.00076	-.00283	-.00010
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	-.00109	.00152	.00009	.00057	.00600	.00076	.00006	-.00002
Stddev	.00017	.00011	.00006	.00033	.00010	.00004	.00005	.00003
%RSD	15.495	7.1595	65.074	57.708	1.6161	5.7530	78.928	197.93
#1	-.00124	.00141	.00006	.00028	.00611	.00072	.00008	-.00003
#2	-.00091	.00151	.00005	.00093	.00593	.00081	.00010	-.00004
#3	-.00114	.00163	.00016	.00049	.00596	.00076	.00001	.00002
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	-.00699	.00014	-.00225	.00005	.00292	.00269	-.00034	.00001
Stddev	.00022	.00009	.00038	.00005	.00013	.00008	.00007	.00003
%RSD	3.0817	60.794	16.835	102.07	4.4220	2.9850	22.335	244.84
#1	-.00719	.00021	-.00200	.00002	.00282	.00276	-.00027	.00004
#2	-.00676	.00017	-.00206	.00003	.00306	.00272	-.00042	-.00002
#3	-.00702	.00004	-.00269	.00011	.00287	.00260	-.00032	.00002
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	.00027	.00455	-.00009	.00269	.00621	-.0024	-.01090	5006.6
Stddev	.00014	.00026	.00005	.00039	.00281	.0001	.00052	38.3
%RSD	52.184	5.6749	50.861	14.603	45.283	3.041	4.8023	.76487
#1	.00018	.00425	-.00008	.00241	.00579	-.0024	-.01068	5048.8
#2	.00043	.00464	-.00014	.00314	.00364	-.0025	-.01150	4974.2
#3	.00020	.00474	-.00005	.00252	.00921	-.0024	-.01054	4996.7

Sample Name: S0 Acquired: 6/4/2019 12:14:34 Type: Cal
Method: P4-ICP2(v3172) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-170.85
Stddev	1.75
%RSD	1.0215

#1	-171.75
#2	-171.97
#3	-168.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4082.4	52444.	4899.1	67.142	4737.7
Stddev	19.7	204.	19.9	.358	14.4
%RSD	.48332	.38845	.40661	.53287	.30400

#1	4065.9	52239.	4920.8	67.411	4727.3
#2	4077.1	52445.	4881.6	66.736	4731.7
#3	4104.3	52646.	4894.9	67.280	4754.2

Sample Name: S1 Acquired: 6/4/2019 12:18:59 Type: Cal
Method: P4-ICP2(v3172) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00151	.00373	.00570	.00109	.00649	.00174	.03679	.00559
Stddev	.00009	.00010	.00013	.00010	.00005	.00007	.00066	.00001
%RSD	6.0848	2.6132	2.2749	9.3284	.71794	4.1750	1.7985	.09500

#1	.00141	.00382	.00564	.00115	.00644	.00167	.03603	.00559
#2	.00154	.00374	.00562	.00097	.00652	.00176	.03717	.00559
#3	.00159	.00362	.00585	.00115	.00652	.00181	.03718	.00558

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	.01882	.00212	.02680	.02282	.01047	.02293	.01473	.00211
Stddev	.00029	.00004	.00005	.00021	.00011	.00027	.00022	.00015
%RSD	1.5173	1.9148	.20395	.92659	1.0844	1.1908	1.5250	7.1995

#1	.01911	.00216	.02674	.02286	.01058	.02322	.01451	.00203
#2	.01854	.00208	.02684	.02259	.01049	.02269	.01496	.00202
#3	.01880	.00211	.02682	.02301	.01035	.02287	.01472	.00229

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	.00827	.07900	.11144	.00021	.00087	.13926	.00536	.01306
Stddev	.00006	.00015	.00070	.00001	.00008	.00292	.00008	.00034
%RSD	.73990	.19606	.62636	5.1112	9.4858	2.0978	1.4000	2.5845

#1	.00834	.07903	.11194	.00022	.00093	.14189	.00537	.01271
#2	.00822	.07913	.11173	.00021	.00078	.13612	.00544	.01308
#3	.00824	.07883	.11064	.00020	.00091	.13977	.00529	.01339

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03899	-.0011	.17393	5116.0	-162.79
Stddev	.00173	.0001	.00121	52.1	9.84
%RSD	4.4331	6.248	.69630	1.0184	6.0473

#1	.04036	-.0012	.17458	5146.9	-151.50
#2	.03705	-.0011	.17253	5055.8	-169.56
#3	.03956	-.0011	.17467	5145.2	-167.32

Sample Name: S1 Acquired: 6/4/2019 12:18:59 Type: Cal
Method: P4-ICP2(v3172) 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	4077.7	52185.	4875.5	65.642	4712.5
Stddev	12.9	85.	66.7	1.352	1.4
%RSD	.31686	.16232	1.3688	2.0601	.02920
#1	4078.2	52154.	4810.1	65.052	4714.0
#2	4064.5	52120.	4943.5	67.189	4711.7
#3	4090.3	52281.	4872.8	64.684	4711.6

Sample Name: S2 Acquired: 6/4/2019 12:23:25 Type: Cal
Method: P4-ICP2(v3172) 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	.09568	.00148	.05335	.01585
Stddev	.00030	.00003	.00059	.00036
%RSD	.31040	2.2032	1.1085	2.2976

#1	.09535	.00150	.05349	.01623
#2	.09593	.00144	.05270	.01550
#3	.09574	.00149	.05386	.01581

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	52157.	4904.9
Stddev	107.	36.8
%RSD	.20590	.75093

#1	52254.	4895.6
#2	52042.	4873.6
#3	52176.	4945.5

Sample Name: S3 Acquired: 6/4/2019 12:27:38 Type: Cal
Method: P4-ICP2(v3172) 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	.12723	.28140	.64542	.14959	.29909	.03889	2.0099	.11566
Stddev	.00018	.00052	.00207	.00027	.00016	.00014	.0125	.00011
%RSD	.14164	.18322	.32061	.17722	.05509	.35717	.62328	.09661
#1	.12702	.28197	.64779	.14943	.29892	.03892	2.0043	.11563
#2	.12734	.28096	.64396	.14990	.29925	.03873	2.0012	.11557
#3	.12732	.28127	.64452	.14944	.29911	.03900	2.0243	.11579
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2733	.54711	.10316	1.1510	.51715	.24187	1.3567	.00913
Stddev	.0092	.00174	.00004	.0022	.00105	.00012	.0030	.00005
%RSD	.21514	.31835	.03836	.19511	.20331	.04821	.22399	.51803
#1	4.2839	.54557	.10320	1.1536	.51728	.24191	1.3602	.00911
#2	4.2694	.54900	.10312	1.1496	.51813	.24196	1.3543	.00910
#3	4.2668	.54677	.10315	1.1497	.51604	.24174	1.3558	.00919
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	.68334	.12344	.32848	.26180	2.4982	.08271	1.3727	.00516
Stddev	.00036	.00020	.00124	.00054	.0086	.00055	.0013	.00003
%RSD	.05215	.16120	.37788	.20601	.34236	.67044	.09589	.63480
#1	.68329	.12354	.32784	.26231	2.5069	.08272	1.3725	.00518
#2	.68372	.12321	.32768	.26124	2.4979	.08215	1.3741	.00512
#3	.68301	.12357	.32991	.26184	2.4898	.08326	1.3715	.00518
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	.08449	.87302	.36372	.66015	4.0499	.1762	23.196	4720.6
Stddev	.00044	.00559	.00034	.00180	.0031	.0004	.062	37.4
%RSD	.52172	.63981	.09268	.27288	.07742	.2295	.26780	.79143
#1	.08499	.87349	.36411	.65817	4.0471	.1759	23.139	4739.9
#2	.08432	.87836	.36353	.66060	4.0533	.1767	23.262	4677.6
#3	.08416	.86722	.36352	.66169	4.0492	.1762	23.187	4744.4

Sample Name: S3 Acquired: 6/4/2019 12:27:38 Type: Cal
 Method: P4-ICP2(v3172) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-142.23
Stddev	6.71
%RSD	4.7183

#1	-135.48
#2	-148.90
#3	-142.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3960.1	50660.	4862.7	66.201	4362.0
Stddev	4.4	268.	17.9	.652	10.9
%RSD	.11165	.52858	.36904	.98479	.24903

#1	3955.0	50503.	4846.2	65.519	4349.5
#2	3962.9	50970.	4860.0	66.818	4369.6
#3	3962.4	50509.	4881.8	66.266	4366.8

Sample Name: S4 Acquired: 6/4/2019 12:31:38 Type: Cal
Method: P4-ICP2(v3172) 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	.23528	.52245	1.1961	.27604	.55222	.07139	3.7235	.21276
Stddev	.00040	.00068	.0018	.00045	.00098	.00038	.0345	.00098
%RSD	.17046	.13014	.14666	.16441	.17796	.52870	.92753	.46158
#1	.23487	.52319	1.1981	.27602	.55139	.07096	3.7082	.21173
#2	.23567	.52186	1.1952	.27651	.55331	.07155	3.6992	.21369
#3	.23528	.52230	1.1949	.27560	.55196	.07166	3.7630	.21288
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0320	.99896	.19039	2.1469	.93517	.43773	2.4840	.01682
Stddev	.0073	.00632	.00034	.0022	.00104	.00139	.0076	.00016
%RSD	.09150	.63303	.17686	.10271	.11088	.31782	.30621	.95212
#1	8.0395	.99224	.19013	2.1494	.93555	.43616	2.4770	.01676
#2	8.0317	.99985	.19077	2.1461	.93595	.43825	2.4921	.01670
#3	8.0248	1.0048	.19028	2.1452	.93399	.43880	2.4831	.01700
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	1.2755	.22666	.61257	.48751	4.6425	.15054	2.5226	.00970
Stddev	.0009	.00048	.00551	.00116	.0050	.00131	.0033	.00006
%RSD	.07108	.21261	.89875	.23726	.10752	.87324	.13239	.60138
#1	1.2763	.22638	.61057	.48644	4.6477	.14983	2.5217	.00970
#2	1.2756	.22721	.60834	.48874	4.6419	.14972	2.5263	.00964
#3	1.2745	.22638	.61880	.48736	4.6378	.15205	2.5197	.00976
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	.16011	1.5973	.67896	1.2129	7.4968	.3372	42.467	4641.2
Stddev	.00030	.0039	.00052	.0053	.0346	.0006	.322	39.1
%RSD	.18576	.24097	.07657	.43794	.46142	.1862	.75771	.84302
#1	.16044	1.5943	.67935	1.2076	7.5005	.3372	42.408	4603.4
#2	.16004	1.5959	.67837	1.2128	7.4605	.3379	42.179	4638.6
#3	.15985	1.6016	.67917	1.2182	7.5294	.3366	42.815	4681.5

Sample Name: S4 Acquired: 6/4/2019 12:31:38 Type: Cal
 Method: P4-ICP2(v3172) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-132.83
Stddev	14.92
%RSD	11.232

#1	-124.80
#2	-150.05
#3	-123.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3909.5	49886.	4845.7	65.616	4204.3
Stddev	10.2	35.	4.3	1.164	8.2
%RSD	.25965	.06950	.08919	1.7745	.19609

#1	3903.2	49915.	4844.7	66.887	4196.8
#2	3904.1	49848.	4842.0	64.600	4202.9
#3	3921.2	49895.	4850.4	65.362	4213.1

Sample Name: S5 Acquired: 6/4/2019 12:35:37 Type: Cal
Method: P4-ICP2(v3172) 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	.50049	1.0970	2.5423	.58474	1.1635	.14896	7.8765	.44433
Stddev	.00101	.0026	.0025	.00149	.0033	.00085	.0677	.00029
%RSD	.20140	.23866	.09752	.25448	.28677	.57309	.85946	.06574

#1	.50166	1.0945	2.5397	.58581	1.1664	.14801	7.8211	.44462
#2	.49989	1.0997	2.5425	.58536	1.1598	.14922	7.9520	.44403
#3	.49993	1.0966	2.5446	.58304	1.1643	.14965	7.8566	.44434

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.092	2.0724	.39245	4.5986	1.9304	.90229	5.1141	.03555
Stddev	.006	.0089	.00023	.0033	.0030	.00028	.0021	.00005
%RSD	.03394	.43142	.05931	.07250	.15393	.03065	.04167	.12916

#1	17.086	2.0639	.39219	4.5958	1.9336	.90220	5.1153	.03554
#2	17.098	2.0716	.39264	4.6023	1.9277	.90207	5.1153	.03559
#3	17.092	2.0817	.39251	4.5979	1.9299	.90260	5.1116	.03550

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7136	.47216	1.3160	1.0186	9.9595	.32132	5.2925	.02077
Stddev	.0025	.00053	.0061	.0010	.0011	.00153	.0073	.00007
%RSD	.09373	.11208	.46566	.09690	.01105	.47706	.13879	.31882

#1	2.7115	.47194	1.3109	1.0198	9.9608	.32001	5.3009	.02070
#2	2.7164	.47178	1.3143	1.0180	9.9586	.32096	5.2893	.02080
#3	2.7128	.47277	1.3228	1.0182	9.9593	.32301	5.2872	.02082

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	.35374	3.3445	1.4473	2.5400	15.762	.7372	88.132	4284.9
Stddev	.00073	.0182	.0019	.0112	.093	.0014	1.184	18.3
%RSD	.20639	.54502	.13315	.44065	.59003	.1908	1.3437	.42641

#1	.35336	3.3280	1.4457	2.5271	15.701	.7374	86.849	4305.8
#2	.35458	3.3416	1.4494	2.5469	15.715	.7385	88.364	4277.3
#3	.35328	3.3641	1.4467	2.5461	15.869	.7357	89.183	4271.7

Sample Name: S5 Acquired: 6/4/2019 12:35:37 Type: Cal
Method: P4-ICP2(v3172) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-105.17
Stddev	10.40
%RSD	9.8860

#1	-93.631
#2	-113.81
#3	-108.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.4	48643.	4777.8	63.571	3958.2
Stddev	9.8	59.	20.5	.597	2.4
%RSD	.25979	.12051	.42996	.93878	.06026

#1	3768.2	48700.	4790.9	63.138	3955.7
#2	3786.7	48646.	4788.4	63.323	3958.4
#3	3783.3	48583.	4754.1	64.252	3960.5

Sample Name: ICV01 Acquired: 6/4/2019 12:47:09 Type: Unk
Method: P4-ICP2(v3172) 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	1.0267	1.0553	1.0262	1.0314	1.0098	2.5600	.50381	.49671
Stddev	.0026	.0036	.0011	.0035	.0019	.0216	.00487	.00035
%RSD	.25520	.34289	.10777	.34012	.18398	.84162	.96590	.07035
#1	1.0273	1.0563	1.0253	1.0351	1.0093	2.5412	.50284	.49644
#2	1.0238	1.0513	1.0259	1.0281	1.0082	2.5552	.49950	.49711
#3	1.0289	1.0584	1.0275	1.0310	1.0118	2.5835	.50909	.49659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49953	10.655	.51246	.50915	.51153	5.2281	.51888	6.0308
Stddev	.00034	.032	.00091	.00079	.00059	.0020	.00042	.0719
%RSD	.06728	.30043	.17809	.15534	.11489	.03782	.08019	1.1915
#1	.49951	10.618	.51162	.50852	.51144	5.2293	.51915	5.9657
#2	.49921	10.668	.51343	.50889	.51099	5.2292	.51908	6.0187
#3	.49988	10.678	.51234	.51003	.51215	5.2258	.51840	6.1079
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51582	.51732	9.9907	.50631	.99804	9.9736	2.6281	2.5758
Stddev	.00078	.00081	.0718	.00101	.00102	.0991	.0091	.0161
%RSD	.15142	.15661	.71914	.19941	.10215	.99398	.34754	.62398
#1	.51515	.51825	9.9358	.50742	.99692	9.8902	2.6183	2.5598
#2	.51564	.51696	9.9643	.50544	.99891	9.9473	2.6297	2.5920
#3	.51668	.51676	10.072	.50608	.99829	10.083	2.6363	2.5756
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00972	2.5423	2.5751	2.6796	F .00222	F .0012	F .00631	F 1.4715
Stddev	.00147	.0274	.0029	.0146	.00104	.0003	.00009	.1806
%RSD	15.143	1.0798	.11464	.54612	47.103	26.46	1.4523	12.275
#1	.01140	2.5392	2.5751	2.6629	.00171	.0008	.00640	1.3056
#2	.00911	2.5712	2.5722	2.6855	.00152	.0013	.00632	1.6640
#3	.00866	2.5165	2.5781	2.6904	.00342	.0013	.00622	1.4451

Sample Name: ICV01 Acquired: 6/4/2019 12:47:09 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2054
Stddev .2929
%RSD 13.283

#1 2.5366
#2 2.0995
#3 1.9801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3999.9	51367.	4862.7	66.952	4475.1
Stddev	3.3	89.	50.3	1.717	7.1
%RSD	.08217	.17364	1.0346	2.5644	.15971

#1	3999.9	51321.	4851.7	66.337	4470.0
#2	3996.6	51311.	4818.8	68.892	4472.1
#3	4003.2	51470.	4917.6	65.628	4483.3

Sample Name: LLICV01 Acquired: 6/4/2019 12:51:14 Type: Unk
Method: P4-ICP2(v3172) 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	.01992	.04204	.01248	.01857	.05295	.10580	.10529	.00641
Stddev	.00300	.00088	.00068	.00111	.00107	.00165	.00152	.00002
%RSD	15.083	2.0841	5.4175	5.9592	2.0172	1.5619	1.4464	.34354
#1	.01663	.04222	.01175	.01765	.05183	.10421	.10404	.00639
#2	.02060	.04109	.01263	.01828	.05307	.10568	.10485	.00641
#3	.02252	.04282	.01308	.01980	.05395	.10751	.10699	.00643
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	2.0149	.01055	.02971	.01936	.10776	.02244	2.0698
Stddev	.00007	.0137	.00057	.00015	.00037	.00099	.00020	.0611
%RSD	1.1098	.67749	5.3693	.50193	1.8857	.92248	.89196	2.9516
#1	.00600	2.0143	.01090	.02982	.01977	.10851	.02261	2.1173
#2	.00597	2.0288	.00990	.02976	.01924	.10663	.02222	2.0009
#3	.00609	2.0015	.01086	.02954	.01907	.10813	.02249	2.0912
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04144	.01091	2.0746	.04108	.03943	1.9809	.21510	.10408
Stddev	.00028	.00011	.0118	.00022	.00014	.0282	.00146	.01232
%RSD	.68294	1.0344	.56623	.54422	.36499	1.4247	.68092	11.836
#1	.04118	.01092	2.0816	.04100	.03929	1.9838	.21354	.10371
#2	.04174	.01102	2.0611	.04091	.03958	1.9513	.21645	.11658
#3	.04142	.01079	2.0812	.04133	.03942	2.0075	.21530	.09195
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01991	.40420	.04018	.04487	F .02474	.0182	.02129	F 1.2332
Stddev	.00329	.00092	.00036	.00035	.00139	.0005	.00018	.5061
%RSD	16.515	.22831	.90813	.77816	5.6314	2.578	.85518	41.040
#1	.01613	.40413	.03977	.04516	.02561	.0183	.02112	.65848
#2	.02211	.40516	.04028	.04496	.02313	.0187	.02148	1.6123
#3	.02150	.40332	.04048	.04448	.02547	.0177	.02127	1.4288

Sample Name: LLICV01 Acquired: 6/4/2019 12:51:14 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .15547
Stddev	.11189
%RSD	71.968

#1	.12714
#2	.27880
#3	.06047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.7	52430.	4934.9	69.036	4663.3
Stddev	2.0	199.	31.1	1.479	6.4
%RSD	.04842	.37970	.63103	2.1428	.13701

#1	4063.9	52257.	4918.0	70.709	4659.4
#2	4060.2	52648.	4915.8	68.495	4659.9
#3	4061.0	52385.	4970.8	67.902	4670.7

Sample Name: ICB01 Acquired: 6/4/2019 12:55:39 Type: Unk
Method: P4-ICP2(v3172) 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	-.00113	.00115	-.00073	-.00243	.00022	-.00034	.00053
Stddev	.00136	.00025	.00091	.00156	.00216	.01613	.00027
%RSD	121.06	21.649	124.85	64.306	969.69	4733.4	51.092

#1	-.00117	.00090	.00032	-.00163	.00132	.01457	.00078
#2	.00026	.00116	-.00116	-.00142	.00161	-.01745	.00058
#3	-.00246	.00140	-.00134	-.00422	-.00227	.00186	.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00002	.00685	.00000	.00017	.00129	.00031
Stddev	.00004	.00004	.00504	.00012	.00014	.00010	.00098
%RSD	288.44	221.04	73.626	4760.1	82.906	8.1241	316.01

#1	-.00003	.00005	.00164	-.00008	.00001	.00140	.00051
#2	.00003	.00003	.01171	-.00005	.00025	.00120	.00117
#3	.00005	-.00003	.00718	.00014	.00027	.00126	-.00075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.04044	.00041	.00019	.01424	.00007	-.00026
Stddev	.00008	.02500	.00030	.00038	.00280	.00013	.00006
%RSD	89.329	61.808	74.853	202.96	19.649	175.00	22.668

#1	.00017	-.02569	.00031	.00042	.01430	.00021	-.00028
#2	.00002	-.06931	.00075	-.00025	.01701	.00006	-.00031
#3	.00007	-.02634	.00016	.00039	.01142	-.00005	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00785	.00024	-.00491	.00004	-.00093	-.00069	-.00045
Stddev	.00615	.00040	.01146	.00463	.00105	.00084	.00247
%RSD	78.278	168.45	233.41	12070.	112.88	121.07	550.98

#1	.00814	.00070	-.00495	.00017	-.00211	-.00098	-.00115
#2	.00157	.00003	-.01635	-.00466	-.00056	.00025	-.00250
#3	.01385	-.00002	.00657	.00460	-.00011	-.00134	.00230

Sample Name: ICB01 Acquired: 6/4/2019 12:55:39 Type: Unk
Method: P4-ICP2(v3172) 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	.00338	.0003	-.00003	F 1.3568	F<.00000
Stddev	.00135	.0009	.00015	.1944	.38395
%RSD	39.904	366.1	531.76	14.331	175.31
#1	.00189	.0000	-.00011	1.3226	-.07228
#2	.00453	-.0005	-.00011	1.5660	.06994
#3	.00373	.0013	.00014	1.1817	-.65468
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4073.9	53125.	4902.5	67.525	4721.8
Stddev	6.3	214.	36.3	.992	9.2
%RSD	.15467	.40357	.74029	1.4686	.19422
#1	4067.7	53013.	4862.3	66.441	4711.7
#2	4073.7	52990.	4932.9	67.748	4724.2
#3	4080.3	53373.	4912.4	68.386	4729.6

Sample Name: CRI01 Acquired: 6/4/2019 13:00:07 Type: Unk
Method: P4-ICP2(v3172) 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	.02229	.04159	.01141	.02056	.05133	.10078	.10307
Stddev	.00286	.00075	.00088	.00201	.00178	.00164	.00055
%RSD	12.831	1.8040	7.6853	9.7875	3.4640	1.6306	.53647

#1	.02556	.04077	.01081	.01828	.05199	.09888	.10365
#2	.02102	.04224	.01241	.02211	.04932	.10175	.10255
#3	.02028	.04177	.01100	.02128	.05269	.10171	.10301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	.00597	1.9838	.01034	.02897	.01914	.10560
Stddev	.00005	.00006	.0033	.00013	.00026	.00016	.00037
%RSD	.80797	1.0076	.16742	1.2490	.90286	.82092	.34595

#1	.00629	.00591	1.9870	.01048	.02902	.01921	.10520
#2	.00630	.00598	1.9804	.01023	.02921	.01896	.10566
#3	.00638	.00603	1.9839	.01030	.02869	.01925	.10593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02217	2.0025	.04087	.01068	2.0073	.04076	.03872
Stddev	.00016	.0537	.00072	.00037	.0128	.00031	.00022
%RSD	.70093	2.6813	1.7556	3.4583	.63600	.75868	.57781

#1	.02212	1.9723	.04105	.01050	2.0038	.04103	.03895
#2	.02205	2.0645	.04009	.01044	2.0214	.04042	.03851
#3	.02235	1.9708	.04149	.01111	1.9966	.04083	.03869

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9311	.21193	.10330	.01749	.40462	.03879	.04236
Stddev	.0173	.00084	.00979	.00251	.00227	.00058	.00099
%RSD	.89513	.39736	9.4771	14.363	.56053	1.5041	2.3478

#1	1.9467	.21210	.10635	.02034	.40723	.03812	.04245
#2	1.9125	.21101	.09235	.01557	.40316	.03918	.04132
#3	1.9341	.21267	.11120	.01658	.40347	.03907	.04330

Sample Name: CRI01 Acquired: 6/4/2019 13:00:07 Type: Unk
Method: P4-ICP2(v3172) 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	.02413	.0177	.02101	F 1.0663	F<.00000
Stddev	.00221	.0008	.00010	.3894	.14124
%RSD	9.1686	4.669	.49355	36.520	20.484
#1	.02200	.0182	.02110	1.5113	-.63759
#2	.02399	.0181	.02089	.78776	-.84936
#3	.02641	.0168	.02102	.89984	-.58158
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4075.2	52819.	4901.8	67.925	4691.7
Stddev	4.1	71.	2.9	.852	9.1
%RSD	.10122	.13477	.06018	1.2543	.19462
#1	4078.9	52751.	4903.0	68.839	4688.3
#2	4076.0	52893.	4898.4	67.784	4684.9
#3	4070.8	52815.	4903.9	67.152	4702.1

Sample Name: ICSA01 Acquired: 6/4/2019 13:04:32 Type: Unk
Method: P4-ICP2(v3172) 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	.01258	-.01029	-.00531	.00450	.01073	271.08	.00625	.00289
Stddev	.00110	.00140	.00182	.00275	.00074	1.73	.00014	.00005
%RSD	8.7276	13.630	34.309	61.053	6.8689	.63762	2.2936	1.5884
#1	.01132	-.01024	-.00378	.00228	.01078	269.11	.00636	.00294
#2	.01321	-.01172	-.00733	.00365	.01144	272.30	.00630	.00286
#3	.01323	-.00892	-.00483	.00758	.00997	271.85	.00609	.00286
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00402	251.90	.04908	-.00015	-.00540	97.219	.01508	275.01
Stddev	.00010	.35	.00047	.00034	.00026	.334	.00016	2.29
%RSD	2.5121	.13975	.94845	226.88	4.7897	.34399	1.0372	.83312
#1	-.00410	252.30	.04953	-.00018	-.00567	97.143	.01504	272.42
#2	-.00405	251.65	.04860	.00021	-.00539	97.585	.01525	276.77
#3	-.00390	251.74	.04911	-.00048	-.00515	96.929	.01495	275.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01730	-.00726	.04467	.00097	-.01037	.01716	-.00171	.05065
Stddev	.00048	.00038	.00773	.00068	.00013	.03392	.00042	.01394
%RSD	2.7746	5.2489	17.302	70.298	1.2789	197.65	24.378	27.517
#1	-.01770	-.00742	.04787	.00176	-.01040	.02364	-.00183	.06046
#2	-.01744	-.00683	.03586	.00057	-.01048	-.01953	-.00124	.03470
#3	-.01677	-.00754	.05029	.00059	-.01022	.04738	-.00205	.05679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01701	-.01282	-.00310	-.00434	.01993	.0107	-.00215	6.0233
Stddev	.00064	.00276	.00193	.00085	.00131	.0035	.00058	.1495
%RSD	3.7668	21.526	62.396	19.551	6.5543	33.17	26.953	2.4823
#1	.01752	-.01476	-.00185	-.00461	.01867	.0145	-.00206	5.9590
#2	.01629	-.01404	-.00532	-.00503	.01985	.0101	-.00276	6.1942
#3	.01721	-.00966	-.00212	-.00340	.02128	.0075	-.00162	5.9167

Sample Name: ICSA01 Acquired: 6/4/2019 13:04:32 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	40.017
Stddev	.452
%RSD	1.1296

#1	40.529
#2	39.672
#3	39.850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.0	46219.	4653.8	60.685	3755.6
Stddev	2.5	66.	44.7	1.309	10.7
%RSD	.06925	.14228	.96045	2.1565	.28530

#1	3596.9	46218.	4602.3	61.180	3744.0
#2	3592.1	46155.	4677.6	59.201	3765.2
#3	3595.8	46286.	4681.6	61.674	3757.5

Sample Name: ICSAB01 Acquired: 6/4/2019 13:09:09 Type: Unk
Method: P4-ICP2(v3172) 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	.12132	.09222	.05043	.05805	.64808	269.70	.57155
Stddev	.00386	.00167	.00111	.00196	.00474	.89	.00154
%RSD	3.1815	1.8146	2.1937	3.3679	.73076	.33151	.26944

#1	.12142	.09132	.05062	.05652	.65351	270.53	.57001
#2	.11741	.09415	.05142	.06025	.64589	268.75	.57309
#3	.12513	.09120	.04923	.05738	.64483	269.81	.57155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56479	1.0463	250.68	.57587	.52255	.49049	96.946
Stddev	.00113	.0022	.80	.00209	.00260	.00301	.519
%RSD	.19929	.21350	.32005	.36319	.49843	.61297	.53550

#1	.56583	1.0484	250.59	.57626	.52550	.49387	97.413
#2	.56360	1.0465	251.53	.57773	.52155	.48810	96.387
#3	.56495	1.0439	249.93	.57361	.52059	.48952	97.037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54134	273.82	1.0231	.21496	.04542	.53256	1.1026
Stddev	.00144	.83	.0043	.00089	.00692	.00201	.0021
%RSD	.26559	.30373	.42149	.41407	15.229	.37749	.18736

#1	.54257	273.01	1.0277	.21589	.03754	.53370	1.1042
#2	.53976	274.67	1.0226	.21411	.05050	.53024	1.1034
#3	.54168	273.78	1.0192	.21488	.04822	.53374	1.1003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01594	1.1048	F 1.2362	F .01896	1.0042	1.1116	1.1237
Stddev	.01327	.0066	.0182	.00130	.0043	.0060	.0027
%RSD	83.219	.59824	1.4715	6.8777	.42581	.54107	.24252

#1	.01065	1.1117	1.2203	.01846	1.0065	1.1172	1.1268
#2	.00614	1.0985	1.2560	.02044	.99932	1.1124	1.1227
#3	.03104	1.1041	1.2322	.01797	1.0070	1.1053	1.1216

Sample Name: ICSAB01 Acquired: 6/4/2019 13:09:09 Type: Unk
 Method: P4-ICP2(v3172) 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	F .01977	F .0132	F -.00201	5.8534	40.046
Stddev	.00067	.0016	.00025	.1044	.825
%RSD	3.4066	12.45	12.474	1.7833	2.0598
#1	.01899	.0114	-.00227	5.8945	39.770
#2	.02016	.0146	-.00176	5.7347	40.974
#3	.02016	.0137	-.00199	5.9309	39.395
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.1	46292.	4667.6	60.982	3757.2
Stddev	10.2	97.	31.9	.210	4.7
%RSD	.28374	.20885	.68317	.34436	.12525
#1	3596.0	46180.	4636.9	61.136	3752.2
#2	3615.5	46339.	4665.4	61.066	3757.9
#3	3600.6	46356.	4700.5	60.743	3761.5

Sample Name: CCV01 Acquired: 6/4/2019 13:13:33 Type: Unk
Method: P4-ICP2(v3172) 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	4.7961	4.8566	4.7920	4.8408	4.8052	9.5614	9.6685	.24132
Stddev	.0056	.0047	.0031	.0085	.0120	.4348	.3940	.01208
%RSD	.11574	.09762	.06551	.17495	.24919	4.5478	4.0754	5.0065
#1	4.7897	4.8516	4.7886	4.8322	4.8028	10.035	10.094	.25456
#2	4.7994	4.8572	4.7947	4.8491	4.8182	9.1800	9.3160	.23090
#3	4.7992	4.8610	4.7927	4.8411	4.7947	9.4694	9.5957	.23850
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3984	24.199	.97320	2.3866	1.2078	4.8664	2.4369	23.823
Stddev	.0019	.122	.04735	.0038	.0014	.2468	.1185	1.026
%RSD	.07724	.50525	4.8658	.16023	.11362	5.0712	4.8629	4.3078
#1	2.3964	24.212	1.0249	2.3822	1.2066	5.1350	2.5670	24.964
#2	2.4000	24.071	.93187	2.3887	1.2093	4.6496	2.3351	22.977
#3	2.3989	24.315	.96286	2.3890	1.2075	4.8146	2.4087	23.527
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3995	1.2133	23.891	2.4273	2.3820	23.849	4.8179	4.7955
Stddev	.0033	.0565	.969	.1194	.0024	1.009	.0070	.2083
%RSD	.13580	4.6539	4.0573	4.9189	.10179	4.2298	.14480	4.3442
#1	2.3958	1.2754	24.923	2.5588	2.3792	24.918	4.8113	5.0231
#2	2.4005	1.1651	22.999	2.3256	2.3829	22.913	4.8252	4.6142
#3	2.4021	1.1993	23.752	2.3976	2.3838	23.716	4.8171	4.7491
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.7216	4.7962	4.7643	4.8135	4.8062	4.821	4.8553	F 4.1072
Stddev	.0129	.0325	.0030	.0291	.0216	.005	.0290	1.3888
%RSD	.27314	.67777	.06260	.60510	.44942	.1117	.59759	33.814
#1	4.7208	4.8064	4.7622	4.8129	4.7939	4.827	4.8372	5.7018
#2	4.7091	4.7598	4.7677	4.7847	4.7935	4.817	4.8399	3.1625
#3	4.7349	4.8223	4.7631	4.8429	4.8311	4.818	4.8888	3.4572

Sample Name: CCV01 Acquired: 6/4/2019 13:13:33 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8802
Stddev	.2370
%RSD	12.606

#1	1.6153
#2	2.0723
#3	1.9528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3900.5	49885.	4836.5	65.478	4197.3
Stddev	9.2	2155.	17.8	.699	7.5
%RSD	.23584	4.3200	.36896	1.0673	.17938

#1	3892.0	47538.	4839.0	64.673	4189.4
#2	3899.1	51774.	4853.0	65.930	4198.2
#3	3910.3	50344.	4817.6	65.831	4204.4

Sample Name: LLCCV01 Acquired: 6/4/2019 13:17:32 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02157	.04338	.01255	.02268	.05281	.10671	.10557
Stddev	.00222	.00013	.00069	.00178	.00049	.00768	.00031
%RSD	10.271	.29271	5.5072	7.8301	.92830	7.1925	.29722

#1	.02330	.04346	.01175	.02437	.05332	.10876	.10525
#2	.01907	.04345	.01302	.02284	.05235	.11316	.10587
#3	.02233	.04323	.01286	.02083	.05276	.09822	.10559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00641	.00611	2.1030	.01088	.02983	.02157	.10836
Stddev	.00006	.00008	.0115	.00036	.00015	.00053	.00110
%RSD	.90903	1.2893	.54459	3.2763	.48724	2.4651	1.0172

#1	.00642	.00610	2.0927	.01128	.02966	.02109	.10964
#2	.00636	.00619	2.1154	.01072	.02992	.02149	.10773
#3	.00647	.00603	2.1010	.01062	.02991	.02214	.10773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02248	2.0653	.04154	.01141	2.0576	.04089	.03946
Stddev	.00004	.0084	.00015	.00058	.0275	.00052	.00016
%RSD	.19554	.40748	.36848	5.0554	1.3351	1.2635	.40463

#1	.02253	2.0750	.04161	.01088	2.0260	.04111	.03927
#2	.02248	2.0616	.04165	.01134	2.0716	.04126	.03957
#3	.02244	2.0595	.04137	.01202	2.0753	.04030	.03953

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9700	.21563	.09693	.01836	.40883	.03960	.04306
Stddev	.0277	.00087	.01527	.00252	.00116	.00031	.00296
%RSD	1.4066	.40547	15.757	13.749	.28386	.77906	6.8839

#1	1.9598	.21493	.11217	.02121	.41017	.03994	.04097
#2	1.9489	.21536	.08163	.01642	.40813	.03951	.04645
#3	2.0014	.21661	.09699	.01745	.40819	.03935	.04175

Sample Name: LLCCV01 Acquired: 6/4/2019 13:17:32 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02623	.0200	.02145	F 1.9869	F<.00000
Stddev	.00048	.0012	.00010	.2389	.33230
%RSD	1.8481	6.212	.44638	12.022	80.248

#1	.02621	.0198	.02147	2.1148	-.79316
#2	.02672	.0213	.02153	2.1345	-.27608
#3	.02576	.0188	.02134	1.7113	-.17304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4045.2	52552.	4888.2	67.495	4637.0
Stddev	2.1	132.	29.1	1.225	7.6
%RSD	.05169	.25125	.59613	1.8150	.16403

#1	4047.3	52686.	4857.4	66.086	4633.6
#2	4043.1	52422.	4891.8	68.314	4631.6
#3	4045.3	52548.	4915.3	68.084	4645.7

Sample Name: CCB01 Acquired: 6/4/2019 13:21:59 Type: Unk
Method: P4-ICP2(v3172) 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	-.00024	.00049	-.00069	-.00136	-.00091	.00086	.00098
Stddev	.00050	.00079	.00088	.00050	.00113	.00679	.00029
%RSD	205.26	161.81	127.91	36.594	124.50	788.45	29.233

#1	-.00007	.00122	-.00110	-.00114	-.00175	.00723	.00108
#2	-.00081	.00057	-.00129	-.00102	-.00136	-.00628	.00065
#3	.00015	-.00034	.00032	-.00194	.00038	.00163	.00120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00007	.02122	-.00010	-.00023	-.00034	.00135
Stddev	.00005	.00005	.00761	.00011	.00024	.00044	.00039
%RSD	109.13	70.512	35.867	110.55	104.67	128.96	29.220

#1	.00002	.00005	.02984	-.00021	.00004	-.00003	.00174
#2	.00010	.00003	.01840	.00001	-.00032	-.00085	.00095
#3	.00001	.00012	.01543	-.00010	-.00041	-.00015	.00135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02639	.00006	.00033	.01283	-.00006	-.00036
Stddev	.00004	.03540	.00047	.00046	.00161	.00015	.00014
%RSD	195.50	134.14	743.32	139.39	12.567	226.87	40.282

#1	.00002	-.01016	.00054	.00051	.01444	.00001	-.00034
#2	-.00002	-.00202	.00005	.00067	.01121	.00003	-.00022
#3	.00007	-.06700	-.00040	-.00019	.01284	-.00023	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03348	.00036	-.00125	-.00266	-.00134	-.00068	-.00040
Stddev	.00800	.00031	.00735	.00265	.00103	.00059	.00043
%RSD	23.897	84.343	589.60	99.608	77.025	86.716	109.47

#1	-.03858	.00058	.00260	-.00005	-.00248	-.00046	-.00087
#2	-.03759	.00001	-.00972	-.00534	-.00106	-.00135	-.00029
#3	-.02426	.00050	.00338	-.00258	-.00048	-.00024	-.00002

Sample Name: CCB01 Acquired: 6/4/2019 13:21:59 Type: Unk
Method: P4-ICP2(v3172) 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	.00319	.0002	.00008	F 1.3030	F<.00000
Stddev	.00099	.0011	.00009	.3697	.30481
%RSD	30.910	454.0	105.77	28.373	57.819
#1	.00240	-.0007	.00001	1.5070	-.75843
#2	.00430	.0001	.00006	1.5257	-.18177
#3	.00288	.0014	.00018	.87622	-.64135
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4104.2	53273.	4970.5	68.195	4740.6
Stddev	15.1	135.	89.4	1.119	17.6
%RSD	.36909	.25308	1.7985	1.6403	.37079
#1	4102.8	53138.	5070.7	69.459	4742.9
#2	4120.0	53407.	4942.1	67.795	4757.0
#3	4089.8	53275.	4898.8	67.332	4722.0

Sample Name: K3090-10 Acquired: 6/4/2019 13:26:19 Type: Unk
Method: P4-ICP2(v3172) 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	.00103	.00040	.00121	-.00241	.00081	.07442	.04898
Stddev	.00085	.00077	.00106	.00087	.00170	.00847	.00042
%RSD	82.801	190.79	87.054	35.898	208.48	11.380	.85202

#1	.00176	-.00010	.00128	-.00142	.00139	.08292	.04852
#2	.00122	.00002	.00012	-.00303	.00215	.07435	.04906
#3	.00010	.00129	.00223	-.00280	-.00110	.06598	.04935

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00002	.41246	.00007	-.00018	.00169	.00486
Stddev	.00005	.00001	.00751	.00023	.00030	.00036	.00123
%RSD	428.20	57.736	1.8200	323.54	162.49	21.060	25.252

#1	.00003	.00002	.41647	.00009	-.00014	.00128	.00382
#2	.00000	.00001	.41711	-.00017	.00009	.00182	.00454
#3	-.00007	.00004	.40380	.00029	-.00050	.00196	.00621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12803	.05367	-.00023	.00048	137.70	-.00071	.07251
Stddev	.00057	.02597	.00034	.00057	1.39	.00087	.00252
%RSD	.44276	48.391	145.07	117.95	1.0086	122.28	3.4811

#1	.12767	.02417	-.00006	.00060	136.10	-.00166	.07512
#2	.12774	.07310	-.00062	.00099	138.59	-.00053	.07233
#3	.12868	.06374	-.00002	-.00013	138.41	.00005	.07008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18814	.00016	.01299	.08452	.08355	-.00093	-.00029
Stddev	.03480	.00027	.01582	.00440	.00260	.00057	.00130
%RSD	18.497	164.71	121.73	5.2068	3.1072	61.523	451.94

#1	.15397	.00040	.03124	.08498	.08055	-.00029	-.00098
#2	.22354	-.00013	.00455	.07990	.08502	-.00109	.00121
#3	.18692	.00022	.00319	.08867	.08507	-.00139	-.00110

Sample Name: K3090-10 Acquired: 6/4/2019 13:26:19 Type: Unk
 Method: P4-ICP2(v3172) 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	.00316	.0016	.00299	4.2128	F<.00000
Stddev	.00267	.0014	.00005	.4750	.31354
%RSD	84.532	89.35	1.7084	11.275	8.2576
#1	.00252	.0015	.00300	4.5363	-3.6039
#2	.00086	.0002	.00304	4.4347	-4.1587
#3	.00609	.0030	.00294	3.6675	-3.6282
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3922.4	50136.	4857.3	65.253	4263.7
Stddev	13.5	251.	26.7	.651	8.2
%RSD	.34386	.50001	.54911	.99740	.19258
#1	3907.1	50423.	4827.6	64.580	4254.8
#2	3932.8	50020.	4879.3	65.300	4270.8
#3	3927.1	49964.	4865.0	65.879	4265.6

Sample Name: K3104-02 Acquired: 6/4/2019 13:30:48 Type: Unk
Method: P4-ICP2(v3172) 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	.00224	.00020	.00483	-.00335	-.00037	.45423	.00753	.00006
Stddev	.00039	.00126	.00082	.00250	.00093	.00407	.00046	.00006
%RSD	17.305	628.46	17.072	74.703	251.21	.89663	6.1249	108.75

#1	.00269	.00133	.00542	-.00531	-.00144	.45891	.00703	.00013
#2	.00204	-.00116	.00389	-.00053	.00026	.45148	.00794	.00001
#3	.00200	.00042	.00518	-.00420	.00007	.45231	.00762	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	3.0990	.00075	.00054	.00383	.54026	.01386	.55597
Stddev	.00001	.0145	.00024	.00003	.00005	.00277	.00007	.04614
%RSD	28.499	.46688	32.450	5.2186	1.3116	.51275	.47258	8.2991

#1	.00005	3.0834	.00102	.00057	.00383	.53945	.01379	.58254
#2	.00003	3.1016	.00068	.00054	.00389	.54334	.01391	.50269
#3	.00005	3.1120	.00054	.00051	.00379	.53799	.01389	.58268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00044	2.5643	.00288	.03544	.51274	.00197	.01109
Stddev	.00007	.00018	.0076	.00036	.00008	.01118	.00019	.00828
%RSD	8.6374	41.023	.29783	12.474	.22075	2.1807	9.7544	74.642

#1	.00075	.00025	2.5731	.00326	.03550	.51589	.00208	.00733
#2	.00087	.00061	2.5596	.00284	.03547	.52202	.00175	.02059
#3	.00075	.00046	2.5603	.00254	.03536	.50033	.00208	.00537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86573	1.0660	-.00090	.00885	.00564	.0119	.04442	2.0037
Stddev	.00394	.0085	.00101	.00322	.00091	.0001	.00035	.1194
%RSD	.45461	.80072	112.56	36.390	16.066	.9201	.79514	5.9606

#1	.86953	1.0607	-.00043	.00514	.00478	.0120	.04412	1.9219
#2	.86167	1.0758	-.00205	.01091	.00659	.0118	.04434	1.9483
#3	.86599	1.0615	-.00020	.01051	.00555	.0119	.04481	2.1407

Sample Name: K3104-02 Acquired: 6/4/2019 13:30:48 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .34850
 %RSD 58.101

#1 -.32631
 #2 -.48094
 #3 -.99220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4057.6	52980.	4910.8	67.741	4690.1
Stddev	17.0	244.	37.1	1.319	14.8
%RSD	.41976	.46133	.75599	1.9465	.31572

#1	4040.8	52715.	4932.3	68.973	4675.1
#2	4057.1	53028.	4867.9	67.900	4690.7
#3	4074.9	53197.	4932.1	66.350	4704.7

Sample Name: K3104-02DUP Acquired: 6/4/2019 13:35:16 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00077	.00548	-.00107	-.00007	.46513	.00743
Stddev	.00026	.00065	.00057	.00279	.00211	.00755	.00021
%RSD	25.430	83.684	10.339	261.37	3205.0	1.6229	2.7910

#1	.00129	.00010	.00613	-.00328	-.00232	.47057	.00721
#2	.00077	.00140	.00508	.00207	.00025	.46831	.00745
#3	.00100	.00082	.00523	-.00199	.00187	.45652	.00762

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00002	3.1514	.00052	.00048	.00406	.55390
Stddev	.00001	.00009	.0397	.00004	.00006	.00020	.00123
%RSD	6.0657	392.34	1.2583	7.4775	11.445	4.8647	.22167

#1	.00010	.00005	3.1095	.00052	.00052	.00426	.55464
#2	.00012	.00010	3.1884	.00049	.00051	.00387	.55248
#3	.00011	-.00008	3.1562	.00056	.00042	.00406	.55457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01409	.58810	.00069	.00016	2.5719	.00284	.03586
Stddev	.00004	.03911	.00012	.00047	.0066	.00042	.00013
%RSD	.30625	6.6509	17.696	282.84	.25579	14.751	.36151

#1	.01410	.62501	.00068	-.00036	2.5659	.00236	.03587
#2	.01404	.54710	.00057	.00032	2.5709	.00316	.03598
#3	.01413	.59220	.00081	.00053	2.5789	.00300	.03572

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52836	.00192	.02033	.85979	1.1018	-.00129	.00906
Stddev	.01053	.00045	.00647	.00259	.0169	.00091	.00151
%RSD	1.9927	23.585	31.846	.30161	1.5343	70.404	16.704

#1	.52165	.00150	.02655	.86278	1.1150	-.00163	.00735
#2	.52293	.00240	.01363	.85824	1.1076	-.00198	.00962
#3	.54049	.00186	.02080	.85834	1.0827	-.00026	.01022

Sample Name: K3104-02DUP Acquired: 6/4/2019 13:35:16 Type: Unk
Method: P4-ICP2(v3172) 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	.00569	.0128	.04488	2.4286	F<.00000
Stddev	.00129	.0010	.00023	.0789	.56015
%RSD	22.718	7.832	.51632	3.2504	41.637

#1	.00551	.0128	.04462	2.3455	-1.9639
#2	.00707	.0117	.04493	2.5026	-.87230
#3	.00450	.0137	.04508	2.4376	-1.1998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4053.3	52809.	4883.3	67.454	4687.1
Stddev	12.1	107.	3.2	1.201	8.6
%RSD	.29844	.20200	.06509	1.7808	.18383

#1	4040.0	52929.	4886.1	67.823	4681.9
#2	4056.2	52770.	4879.9	68.427	4682.4
#3	4063.7	52727.	4883.9	66.111	4697.1

Sample Name: K3104-02LX5 Acquired: 6/4/2019 13:39:42 Type: Unk
Method: P4-ICP2(v3172) 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	.00223	.00032	.00046	-.00194	-.00026	.08959	.00163
Stddev	.00152	.00093	.00140	.00097	.00046	.00889	.00025
%RSD	68.107	288.61	306.51	49.738	175.39	9.9196	15.607

#1	.00053	.00129	.00202	-.00105	.00013	.08234	.00190
#2	.00345	.00026	-.00068	-.00181	-.00014	.08692	.00161
#3	.00272	-.00057	.00003	-.00297	-.00076	.09950	.00139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00003	.63593	.00007	-.00006	.00044	.10668
Stddev	.00002	.00006	.00918	.00007	.00001	.00057	.00070
%RSD	39.390	180.45	1.4428	101.12	14.049	129.72	.65772

#1	.00004	.00001	.64035	.00013	-.00005	.00003	.10637
#2	.00009	-.00010	.62538	-.00001	-.00006	.00110	.10748
#3	.00005	-.00001	.64206	.00008	-.00007	.00020	.10618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	.07495	.00039	.00009	.51423	.00074	.00669
Stddev	.00001	.08695	.00035	.00021	.00967	.00023	.00005
%RSD	.50323	116.00	89.730	246.22	1.8801	30.846	.71030

#1	.00271	.07302	.00015	-.00012	.50415	.00063	.00672
#2	.00273	-.01101	.00078	.00030	.52343	.00101	.00663
#3	.00274	.16286	.00023	.00008	.51511	.00059	.00671

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05512	.00038	-.01572	.16326	.20949	-.00056	.00309
Stddev	.00819	.00007	.01076	.00381	.00171	.00068	.00056
%RSD	14.854	18.338	68.431	2.3349	.81858	121.27	18.088

#1	.04864	.00038	-.00350	.16621	.21018	-.00134	.00317
#2	.06432	.00032	-.02378	.16462	.20753	-.00028	.00361
#3	.05241	.00046	-.01988	.15896	.21075	-.00007	.00250

Sample Name: K3104-02LX5 Acquired: 6/4/2019 13:39:42 Type: Unk
Method: P4-ICP2(v3172) 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	.00407	.0034	.00872	2.4806	F<.00000
Stddev	.00108	.0012	.00013	.2862	1.0162
%RSD	26.480	35.25	1.5111	11.537	87.174
#1	.00329	.0036	.00888	2.3924	-.46263
#2	.00362	.0021	.00866	2.8005	-2.3309
#3	.00529	.0045	.00864	2.2488	-.70373
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4048.2	52818.	4857.2	66.087	4689.7
Stddev	13.6	159.	26.4	.263	3.7
%RSD	.33633	.30126	.54324	.39789	.07827
#1	4043.3	52638.	4831.1	65.793	4686.2
#2	4037.7	52941.	4883.9	66.168	4693.5
#3	4063.6	52875.	4856.6	66.300	4689.5

Sample Name: K3104-02MS Acquired: 6/4/2019 13:44:09 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78238	2.0527	1.0011	2.0465	.78983	2.4373	.20650	.20071	.19788
Stddev	.00091	.0028	.0022	.0051	.00362	.0105	.00195	.00066	.00071
%RSD	.11655	.13815	.21658	.24895	.45830	.43067	.94504	.32825	.35731

#1	.78333	2.0551	.99971	2.0408	.79280	2.4380	.20460	.19994	.19801
#2	.78151	2.0534	.99989	2.0484	.78580	2.4474	.20850	.20111	.19712
#3	.78231	2.0496	1.0036	2.0504	.79089	2.4265	.20642	.20106	.19852

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6901	.41035	.20096	.32301	3.6755	.22141	2.5209	.50363	.07342
Stddev	.0241	.00081	.00024	.00042	.0056	.00055	.0271	.00169	.00058
%RSD	.51326	.19831	.11861	.13063	.15156	.24920	1.0754	.33565	.78352

#1	4.6637	.41100	.20073	.32336	3.6747	.22098	2.5300	.50344	.07406
#2	4.6961	.41061	.20096	.32254	3.6704	.22121	2.5423	.50204	.07295
#3	4.7107	.40943	.20121	.32312	3.6814	.22203	2.4904	.50541	.07324

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	5.5355	.30673	.23485	10.200	.40814	.30262	.88040	2.1224	.68401
Stddev	.0129	.00088	.00059	.062	.00133	.00753	.00351	.0120	.00158
%RSD	.23217	.28538	.25185	.60818	.32532	2.4877	.39914	.56533	.23119

#1	5.5207	.30660	.23475	10.135	.40797	.29451	.87788	2.1339	.68225
#2	5.5427	.30766	.23431	10.259	.40691	.30395	.88441	2.1232	.68447
#3	5.5432	.30593	.23548	10.206	.40955	.30939	.87891	2.1099	.68531

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21371	.20756	5.674	.24546	3.1651	3.2715			
Stddev	.00375	.00257	.020	.00101	.1136	.4597			
%RSD	1.7555	1.2381	.3581	.41222	3.5880	14.052			

#1	.21018	.20763	5.687	.24489	3.1218	2.8023			
#2	.21765	.20496	5.685	.24487	3.0796	3.7210			
#3	.21330	.21010	5.651	.24663	3.2940	3.2913			

Sample Name: K3104-02MS Acquired: 6/4/2019 13:44:09 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3991.1	52274.	4837.9	66.858	4536.2
Stddev	8.8	164.	15.4	.279	8.4
%RSD	.22106	.31369	.31872	.41675	.18600
#1	3981.1	52215.	4823.3	67.180	4526.6
#2	3997.9	52148.	4854.0	66.682	4541.9
#3	3994.3	52459.	4836.4	66.714	4540.3

Sample Name: K3104-02MSD Acquired: 6/4/2019 13:48:13 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78754	2.0814	1.0083	2.0561	.79109	2.4240	.20842	.20169	.19930
Stddev	.00209	.0135	.0018	.0039	.00026	.0184	.00096	.00067	.00070
%RSD	.26495	.64656	.17466	.18857	.03329	.75738	.46054	.33139	.34975
#1	.78658	2.0673	1.0066	2.0518	.79125	2.4154	.20912	.20231	.19945
#2	.78993	2.0940	1.0101	2.0594	.79124	2.4115	.20880	.20177	.19992
#3	.78610	2.0828	1.0083	2.0570	.79079	2.4450	.20732	.20098	.19854
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6668	.41498	.20248	.32473	3.6959	.22295	2.5499	.50918	.07307
Stddev	.0107	.00112	.00027	.00150	.0115	.00021	.0255	.00078	.00078
%RSD	.22836	.26954	.13134	.46105	.31156	.09229	1.0015	.15332	1.0687
#1	4.6574	.41406	.20271	.32302	3.6829	.22312	2.5220	.50829	.07226
#2	4.6647	.41466	.20254	.32580	3.7049	.22300	2.5554	.50969	.07312
#3	4.6784	.41623	.20219	.32536	3.6999	.22272	2.5722	.50958	.07382
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	5.5030	.30807	.23515	10.364	.40990	.32058	.85880	2.0697	.68827
Stddev	.0236	.00192	.00017	.065	.00066	.01435	.00167	.0059	.00198
%RSD	.42879	.62455	.07398	.62798	.16181	4.4774	.19458	.28456	.28738
#1	5.5198	.30607	.23509	10.415	.40970	.32375	.85770	2.0669	.69025
#2	5.5131	.30991	.23535	10.387	.41064	.33308	.86072	2.0658	.68828
#3	5.4760	.30822	.23502	10.291	.40936	.30491	.85797	2.0765	.68629
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21529	.20693	5.744	.24516	4.1261	2.4124			
Stddev	.00149	.00165	.003	.00056	.3381	.6476			
%RSD	.69238	.79721	.0446	.22709	8.1937	26.845			
#1	.21546	.20819	5.746	.24507	3.9394	2.7336			
#2	.21669	.20506	5.744	.24465	4.5164	1.6670			
#3	.21373	.20753	5.741	.24575	3.9226	2.8366			

Sample Name: K3104-02MSD Acquired: 6/4/2019 13:48:13 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4003.5	52243.	4827.9	67.125	4536.5
Stddev	6.8	71.	13.2	1.689	9.0
%RSD	.17044	.13634	.27261	2.5157	.19807
#1	3997.2	52172.	4830.8	67.139	4529.6
#2	4010.7	52242.	4839.4	68.807	4546.6
#3	4002.7	52315.	4813.5	65.430	4533.2

Sample Name: K3104-02A Acquired: 6/4/2019 13:52:18 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79487	2.0899	1.0186	2.0736	.80068	2.5201	.20981	.20407	.20131
Stddev	.00789	.0120	.0037	.0168	.00112	.0178	.00092	.00017	.00054
%RSD	.99310	.57464	.36354	.80784	.13932	.70549	.43787	.08349	.26609

#1	.79182	2.0795	1.0151	2.0641	.80033	2.5026	.20897	.20422	.20125
#2	.78896	2.0871	1.0183	2.0637	.79979	2.5382	.20967	.20410	.20187
#3	.80384	2.1030	1.0225	2.0929	.80193	2.5194	.21079	.20388	.20080

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7607	.42139	.20434	.32986	3.7762	.22567	2.5692	.51470	.07382
Stddev	.0137	.00013	.00080	.00093	.0175	.00019	.0637	.00190	.00051
%RSD	.28756	.03133	.39203	.28160	.46264	.08538	2.4784	.36955	.68922

#1	4.7497	.42134	.20408	.32963	3.7963	.22565	2.5060	.51325	.07425
#2	4.7564	.42153	.20369	.32907	3.7671	.22587	2.5682	.51398	.07326
#3	4.7760	.42128	.20523	.33088	3.7652	.22549	2.6334	.51685	.07396

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	5.5523	.31336	.23796	10.384	.41258	.31420	.86663	2.2000	.69219
Stddev	.0235	.00107	.00086	.077	.00201	.00449	.00177	.0180	.00143
%RSD	.42362	.34226	.35946	.74552	.48821	1.4283	.20368	.81932	.20602

#1	5.5667	.31454	.23806	10.329	.41264	.31185	.86498	2.2169	.69063
#2	5.5652	.31310	.23705	10.350	.41054	.31937	.86641	2.2022	.69251
#3	5.5252	.31244	.23875	10.473	.41456	.31137	.86849	2.1810	.69343

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22234	.21356	5.759	.24949	2.8224	3.3853			
Stddev	.00202	.00306	.026	.00101	.2354	.7579			
%RSD	.90656	1.4340	.4470	.40325	8.3411	22.388			

#1	.22009	.21649	5.742	.24835	2.5818	3.2576			
#2	.22293	.21381	5.747	.25027	2.8331	4.1989			
#3	.22399	.21038	5.788	.24984	3.0523	2.6993			

Sample Name: K3104-02A Acquired: 6/4/2019 13:52:18 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.8	52627.	4835.8	66.622	4578.3
Stddev	11.3	140.	15.3	.517	8.5
%RSD	.27995	.26528	.31730	.77539	.18628
#1	4020.2	52505.	4829.8	67.214	4570.1
#2	4042.2	52595.	4824.3	66.259	4587.1
#3	4027.1	52779.	4853.2	66.394	4577.7

Sample Name: K3104-05 Acquired: 6/4/2019 13:56:23 Type: Unk
Method: P4-ICP2(v3172) 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	.00247	.00031	.00133	.00030	.00211	.07938	.00474	.00001
Stddev	.00267	.00122	.00021	.00302	.00164	.00510	.00006	.00005
%RSD	108.17	400.67	15.914	1020.7	77.684	6.4228	1.3186	316.74

#1	.00466	.00155	.00141	-.00026	.00090	.07773	.00481	.00007
#2	.00325	.00026	.00109	-.00241	.00398	.07531	.00470	-.00000
#3	-.00051	-.00090	.00149	.00356	.00146	.08510	.00472	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	3.2934	.00117	-.00007	.00047	.08112	.00223	.36390
Stddev	.00005	.0290	.00040	.00006	.00054	.00064	.00005	.02752
%RSD	350.42	.88147	34.207	86.824	115.52	.78964	2.2826	7.5625

#1	-.00003	3.2635	.00126	-.00000	.00045	.08051	.00223	.39522
#2	.00004	3.3214	.00074	-.00013	-.00007	.08179	.00218	.35289
#3	-.00005	3.2954	.00152	-.00010	.00101	.08107	.00229	.34359

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	.00043	3.0613	.00173	.00849	.48783	.00377	.01300
Stddev	.00046	.00020	.0288	.00017	.00007	.02104	.00014	.01055
%RSD	18.313	46.422	.93992	9.7846	.85524	4.3124	3.7328	81.173

#1	.00200	.00022	3.0422	.00171	.00841	.46711	.00367	.00997
#2	.00265	.00061	3.0944	.00157	.00851	.48720	.00393	.02473
#3	.00289	.00045	3.0473	.00191	.00855	.50917	.00371	.00429

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92604	.69073	-.00168	.00084	.00450	.0031	.05864	2.1553
Stddev	.01071	.00619	.00077	.00130	.00041	.0017	.00043	.4277
%RSD	1.1570	.89649	45.786	154.92	9.0970	54.72	.72523	19.844

#1	.91950	.68565	-.00238	-.00022	.00488	.0050	.05818	2.6399
#2	.92022	.68890	-.00182	.00229	.00407	.0017	.05873	1.8303
#3	.93841	.69763	-.00086	.00045	.00454	.0027	.05902	1.9958

Sample Name: K3104-05 Acquired: 6/4/2019 13:56:23 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .73290
%RSD 79.493

#1 -.15546
#2 -.99461
#3 -1.6159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4052.6	53202.	4921.6	68.368	4708.2
Stddev	7.3	136.	44.5	1.609	7.1
%RSD	.17923	.25627	.90356	2.3534	.15166

#1	4045.3	53065.	4902.8	66.541	4700.1
#2	4059.9	53204.	4972.4	69.573	4713.5
#3	4052.6	53337.	4889.6	68.991	4711.1

Sample Name: K3104-08 Acquired: 6/4/2019 14:00:49 Type: Unk
Method: P4-ICP2(v3172) 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	.00200	-.00030	.00201	-.00000	.00059	.15893	.00660	.00006
Stddev	.00040	.00191	.00039	.00307	.00277	.00873	.00018	.00004
%RSD	19.783	634.35	19.440	676400.	469.79	5.4949	2.6785	74.403

#1	.00182	-.00248	.00178	.00311	-.00261	.15652	.00651	.00008
#2	.00173	.00048	.00246	-.00302	.00202	.16862	.00648	.00009
#3	.00245	.00110	.00179	-.00009	.00235	.15166	.00680	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	3.3574	.00142	-.00001	.00132	.24745	.00794	.45788
Stddev	.00006	.0302	.00057	.00009	.00035	.00022	.00005	.05634
%RSD	78.994	.89820	39.764	1016.5	26.741	.09049	.59165	12.306

#1	.00001	3.3338	.00079	-.00000	.00138	.24721	.00797	.48043
#2	.00012	3.3914	.00158	.00008	.00094	.24748	.00788	.39375
#3	.00010	3.3471	.00189	-.00010	.00164	.24765	.00796	.49946

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	.00052	3.1780	.00287	.02582	.55436	.00355	.01725
Stddev	.00019	.00062	.0226	.00034	.00014	.03071	.00021	.00369
%RSD	22.527	118.71	.71183	11.855	.54865	5.5398	5.7813	21.399

#1	.00077	.00019	3.1519	.00248	.02596	.56093	.00335	.01476
#2	.00068	.00014	3.1912	.00310	.02583	.58126	.00376	.02149
#3	.00104	.00123	3.1909	.00302	.02567	.52090	.00354	.01550

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0106	.85747	-.00103	.00259	.00371	.0075	.06398	2.5580
Stddev	.0032	.00980	.00014	.00074	.00028	.0005	.00009	.3797
%RSD	.31765	1.1425	13.909	28.687	7.4337	6.021	.14089	14.844

#1	1.0132	.85687	-.00102	.00299	.00378	.0080	.06408	2.7460
#2	1.0070	.84799	-.00089	.00174	.00340	.0071	.06398	2.8071
#3	1.0117	.86755	-.00118	.00306	.00394	.0073	.06390	2.1210

Sample Name: K3104-08 Acquired: 6/4/2019 14:00:49 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .32707
%RSD 55.629

#1 -.95659
#2 -.33255
#3 -.47470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.5	52891.	4898.1	68.086	4704.6
Stddev	2.5	94.	17.4	1.163	7.6
%RSD	.06122	.17766	.35426	1.7087	.16140

#1	4064.3	52999.	4892.5	66.950	4698.8
#2	4059.8	52841.	4884.3	68.034	4701.8
#3	4060.3	52832.	4917.6	69.275	4713.2

Sample Name: PB120279BL Acquired: 6/4/2019 14:05:14 Type: Unk
Method: P4-ICP2(v3172) 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	.00016	-.00041	-.00046	-.00242	.00179	.00794	.00073
Stddev	.00202	.00077	.00065	.00299	.00142	.00378	.00010
%RSD	1301.9	186.77	140.85	123.56	79.022	47.661	13.402

#1	.00248	.00045	-.00006	-.00581	.00203	.00464	.00084
#2	-.00091	-.00065	-.00121	-.00018	.00027	.00710	.00067
#3	-.00110	-.00103	-.00011	-.00126	.00308	.01207	.00068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00003	.02463	.00003	-.00014	-.00046	.00171
Stddev	.00002	.00005	.00581	.00026	.00007	.00032	.00052
%RSD	72.009	141.79	23.604	816.17	50.030	69.099	30.473

#1	.00001	.00001	.02641	.00026	-.00009	-.00039	.00170
#2	.00005	-.00000	.01813	.00008	-.00011	-.00081	.00223
#3	.00002	.00009	.02934	-.00025	-.00022	-.00019	.00119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00258	.00018	.00064	.00688	.00027	.00282
Stddev	.00003	.00515	.00018	.00040	.00710	.00009	.00008
%RSD	60.438	199.30	103.26	61.819	103.11	33.646	2.7952

#1	-.00003	-.00380	.00038	.00027	.01341	.00037	.00276
#2	-.00008	-.00702	.00012	.00059	-.00067	.00019	.00278
#3	-.00003	.00306	.00003	.00106	.00791	.00026	.00291

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06342	.00001	-.00356	-.00114	.00020	-.00143	.00113
Stddev	.04476	.00018	.00825	.00244	.00179	.00077	.00210
%RSD	70.578	2847.6	232.02	213.90	896.53	53.898	185.59

#1	-.03889	.00022	.00536	-.00033	.00190	-.00101	-.00099
#2	-.11509	-.00009	-.01091	-.00388	-.00166	-.00232	.00117
#3	-.03629	-.00011	-.00512	.00079	.00036	-.00096	.00322

Sample Name: PB120279BL Acquired: 6/4/2019 14:05:14 Type: Unk
Method: P4-ICP2(v3172) 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	.00309	.0005	.00008	F 1.5612	F<.00000
Stddev	.00183	.0013	.00004	.2822	.53718
%RSD	59.329	281.7	44.498	18.078	98.787
#1	.00120	.0002	.00008	1.6519	-.42785
#2	.00485	.0019	.00012	1.7868	-.07403
#3	.00321	-.0007	.00004	1.2447	-1.1295
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.3	53058.	4841.6	65.088	4680.7
Stddev	10.9	66.	17.9	1.955	9.0
%RSD	.26828	.12461	.36991	3.0039	.19174
#1	4043.1	52982.	4821.1	63.943	4672.7
#2	4058.7	53097.	4849.4	63.975	4679.0
#3	4064.1	53096.	4854.3	67.345	4690.4

Sample Name: CCV02 Acquired: 6/4/2019 14:09:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9628	4.9978	4.9397	5.0007	4.9804	9.6822	9.8272	.24376
Stddev	.0197	.0065	.0113	.0069	.0029	.0997	.0961	.00066
%RSD	.39630	.13053	.22793	.13886	.05925	1.0295	.97752	.26921
#1	4.9414	4.9914	4.9271	4.9944	4.9771	9.5771	9.7162	.24383
#2	4.9670	4.9974	4.9430	5.0082	4.9827	9.7753	9.8809	.24307
#3	4.9800	5.0045	4.9489	4.9996	4.9814	9.6942	9.8844	.24438
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4836	24.989	.98991	2.4703	1.2434	4.9155	2.4677	24.320
Stddev	.0065	.062	.00216	.0068	.0034	.0024	.0027	.203
%RSD	.26099	.24950	.21867	.27390	.27673	.04939	.10842	.83477
#1	2.4761	24.923	.98900	2.4627	1.2397	4.9128	2.4676	24.123
#2	2.4866	24.998	.99238	2.4724	1.2440	4.9161	2.4650	24.528
#3	2.4879	25.046	.98835	2.4758	1.2465	4.9175	2.4704	24.310
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4906	1.2323	24.275	2.4559	2.4631	24.295	4.9925	4.8687
Stddev	.0073	.0024	.213	.0019	.0055	.169	.0089	.0353
%RSD	.29190	.19559	.87852	.07641	.22419	.69358	.17881	.72521
#1	2.4837	1.2306	24.029	2.4579	2.4570	24.100	4.9835	4.8452
#2	2.4982	1.2312	24.405	2.4542	2.4645	24.392	4.9926	4.9093
#3	2.4898	1.2351	24.392	2.4555	2.4678	24.391	5.0014	4.8515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8699	4.9677	4.8875	4.9696	4.9662	5.015	5.0045	F 4.2834
Stddev	.0114	.0274	.0117	.0279	.0333	.009	.0344	.2716
%RSD	.23458	.55185	.23954	.56101	.67012	.1864	.68694	6.3396
#1	4.8608	4.9690	4.8761	4.9393	4.9406	5.005	4.9792	4.5232
#2	4.8661	4.9397	4.8870	4.9754	4.9542	5.017	4.9908	3.9886
#3	4.8827	4.9945	4.8995	4.9942	5.0038	5.023	5.0437	4.3384

Sample Name: CCV02 Acquired: 6/4/2019 14:09:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6822
Stddev .7530
%RSD 44.761

#1 2.1359
#2 .81301
#3 2.0976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3874.0	50070.	4760.6	63.416	4174.1
Stddev	3.3	62.	28.9	2.369	3.2
%RSD	.08623	.12326	.60612	3.7362	.07642

#1	3875.0	50128.	4743.7	65.526	4177.8
#2	3876.7	50075.	4793.9	60.853	4172.7
#3	3870.2	50005.	4744.3	63.870	4171.9

Sample Name: CCB02 Acquired: 6/4/2019 14:13:40 Type: Unk
Method: P4-ICP2(v3172) 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	.00003	.00088	-.00090	.00147	.00001	.00539	.00149
Stddev	.00116	.00099	.00096	.00255	.00081	.01754	.00017
%RSD	3465.2	112.36	106.78	173.81	14265.	325.54	11.659

#1	.00043	.00043	-.00134	.00182	.00067	-.01241	.00131
#2	.00094	.00202	-.00155	-.00124	-.00090	.00593	.00150
#3	-.00127	.00020	.00020	.00382	.00024	.02265	.00166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00004	.01054	.00009	-.00017	-.00006	.00133
Stddev	.00008	.00010	.03120	.00013	.00017	.00021	.00044
%RSD	216.63	238.94	295.92	147.25	99.377	330.40	33.184

#1	.00008	-.00001	-.01268	.00005	-.00034	.00002	.00154
#2	-.00006	.00015	-.00170	-.00002	-.00000	.00010	.00082
#3	.00010	-.00002	.04601	.00023	-.00017	-.00031	.00163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.03358	-.00039	-.00002	.01935	.00026	-.00035
Stddev	.00005	.01354	.00077	.00047	.00324	.00038	.00018
%RSD	78.967	40.321	195.97	2614.3	16.740	148.41	50.465

#1	.00011	-.04305	-.00078	.00052	.01993	.00070	-.00015
#2	.00005	-.03961	-.00090	-.00026	.02225	-.00000	-.00045
#3	.00002	-.01807	.00050	-.00032	.01585	.00008	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04428	.00078	.01325	.00055	.00156	.00010	-.00012
Stddev	.02380	.00017	.02197	.00167	.00295	.00051	.00119
%RSD	53.753	22.348	165.83	306.23	188.89	501.61	986.78

#1	-.03490	.00087	.01417	.00001	.00481	-.00024	-.00109
#2	-.02660	.00058	.03475	-.00079	.00084	.00069	.00120
#3	-.07134	.00090	-.00917	.00242	-.00096	-.00014	-.00047

Sample Name: CCB02 Acquired: 6/4/2019 14:13:40 Type: Unk
 Method: P4-ICP2(v3172) 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	.00390	.0003	.00018	F 2.3537	F<.00000
Stddev	.00184	.0007	.00014	.2138	.96029
%RSD	47.257	210.1	80.057	9.0837	133.91

#1	.00599	.0011	.00035	2.1998	-.74536
#2	.00317	.0003	.00007	2.5978	.25698
#3	.00253	-.0003	.00012	2.2634	-1.6630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4047.5	52839.	4900.5	67.391	4678.9
Stddev	19.2	117.	60.2	1.199	19.8
%RSD	.47337	.22222	1.2291	1.7795	.42244

#1	4027.9	52754.	4864.8	68.309	4659.2
#2	4048.4	52973.	4970.1	67.830	4678.8
#3	4066.1	52790.	4866.7	66.034	4698.7

Sample Name: PB120279BS Acquired: 6/4/2019 14:18:08 Type: Unk
Method: P4-ICP2(v3172) 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	.77429	2.0448	.99819	1.9789	.79482	1.9339	.20235	.19220
Stddev	.00218	.0050	.00305	.0066	.00381	.0146	.00182	.00044
%RSD	.28149	.24425	.30600	.33469	.47962	.75443	.89738	.22653
#1	.77488	2.0407	.99481	1.9836	.79735	1.9195	.20166	.19234
#2	.77187	2.0434	.99901	1.9713	.79044	1.9335	.20099	.19171
#3	.77610	2.0503	1.0008	1.9817	.79667	1.9486	.20442	.19255
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19688	1.0900	.41867	.20404	.32012	3.1338	.21055	1.9003
Stddev	.00045	.0141	.00055	.00019	.00107	.0057	.00031	.0666
%RSD	.22621	1.2926	.13244	.09131	.33390	.18286	.14741	3.5026
#1	.19644	1.1045	.41803	.20393	.31930	3.1349	.21090	1.8255
#2	.19733	1.0764	.41897	.20393	.31972	3.1275	.21030	1.9224
#3	.19687	1.0890	.41902	.20425	.32133	3.1388	.21045	1.9530
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51132	.07108	2.9972	.31170	.19686	9.7162	.41743	.28129
Stddev	.00211	.00078	.0405	.00070	.00016	.0956	.00225	.00760
%RSD	.41257	1.1000	1.3520	.22413	.08276	.98404	.53836	2.7003
#1	.50892	.07107	2.9927	.31232	.19668	9.6116	.41741	.27496
#2	.51288	.07031	2.9591	.31094	.19698	9.7381	.41520	.27919
#3	.51217	.07187	3.0398	.31183	.19693	9.7990	.41969	.28971
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.1272	.94322	.68495	.21247	.21620	5.607	.20718	F 2.9106
Stddev	.0255	.00521	.00352	.00378	.00124	.015	.00146	.3514
%RSD	2.2594	.55260	.51412	1.7787	.57258	.2618	.70422	12.075
#1	1.1031	.93794	.68358	.21265	.21542	5.603	.20622	3.3135
#2	1.1248	.94836	.68232	.20861	.21763	5.594	.20646	2.7508
#3	1.1538	.94337	.68895	.21616	.21554	5.623	.20886	2.6673

Sample Name: PB120279BS Acquired: 6/4/2019 14:18:08 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7672
Stddev .2989
%RSD 7.9355

#1 4.1072
#2 3.6489
#3 3.5455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.1	53235.	4802.7	66.897	4581.5
Stddev	5.0	53.	18.3	1.450	8.6
%RSD	.12384	.09958	.38175	2.1669	.18807

#1	4009.7	53204.	4785.2	65.375	4571.7
#2	4019.4	53297.	4801.1	67.055	4584.7
#3	4016.3	53206.	4821.7	68.261	4588.0

Sample Name: PB120296BL Acquired: 6/4/2019 14:22:16 Type: Unk
Method: P4-ICP2(v3172) 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	.00022	.00068	-.00045	.00003	.00316	-.00182	.00124	.00004
Stddev	.00223	.00041	.00062	.00275	.00054	.00806	.00034	.00003
%RSD	1004.7	60.687	138.33	7917.2	17.042	441.60	27.419	64.009

#1	-.00092	.00041	-.00116	-.00314	.00339	.00641	.00118	.00006
#2	.00280	.00116	-.00003	.00181	.00355	-.00220	.00161	.00005
#3	-.00121	.00048	-.00016	.00143	.00255	-.00969	.00093	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00939	.00009	-.00009	-.00110	.00077	.00001	-.05192
Stddev	.00006	.00417	.00012	.00002	.00021	.00014	.00004	.03232
%RSD	105.93	44.348	127.53	24.554	18.863	18.824	355.91	62.249

#1	-.00003	.01419	-.00004	-.00009	-.00130	.00093	-.00001	-.02526
#2	-.00012	.00673	.00018	-.00010	-.00088	.00064	-.00001	-.08787
#3	-.00001	.00725	.00013	-.00006	-.00111	.00074	.00006	-.04263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00017	.00179	.00043	-.00044	-.07985	.00029	.00303
Stddev	.00023	.00016	.00327	.00025	.00009	.02579	.00010	.01505
%RSD	1517.3	98.710	182.55	57.950	20.122	32.293	34.478	497.15

#1	-.00013	.00007	-.00093	.00015	-.00034	-.05108	.00039	-.00215
#2	-.00011	.00007	.00542	.00053	-.00049	-.10089	.00019	.01998
#3	.00029	.00036	.00088	.00061	-.00048	-.08758	.00031	-.00875

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00007	-.00057	.00035	.00468	.0009	.00011	1.1374
Stddev	.00205	.00139	.00068	.00307	.00263	.0006	.00007	.2869
%RSD	118.22	2044.2	118.41	880.29	56.146	68.24	65.080	25.227

#1	.00019	.00061	-.00015	.00328	.00184	.0013	.00005	1.0899
#2	-.00150	.00111	-.00022	-.00285	.00518	.0002	.00019	.87723
#3	-.00388	-.00151	-.00136	.00062	.00701	.0012	.00009	1.4452

Sample Name: PB120296BL Acquired: 6/4/2019 14:22:16 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .59014
 %RSD 122.70

#1 -.84507
 #2 -.79775
 #3 .19991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4075.7	53422.	4891.9	68.108	4717.9
Stddev	3.3	177.	20.2	.617	.3
%RSD	.08032	.33118	.41275	.90572	.00578

#1	4072.1	53220.	4897.4	68.268	4718.2
#2	4078.3	53551.	4908.7	68.630	4717.8
#3	4076.8	53494.	4869.5	67.427	4717.6

Sample Name: PB120296BS Acquired: 6/4/2019 14:29:27 Type: Unk
Method: P4-ICP2(v3172) 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	.77569	2.0626	.99891	2.0285	.78934	1.9253	.20234
Stddev	.00309	.0078	.00150	.0074	.00223	.0125	.00146
%RSD	.39843	.37657	.15059	.36702	.28313	.64959	.72160

#1	.77417	2.0559	.99861	2.0240	.78927	1.9299	.20068
#2	.77366	2.0711	.99757	2.0371	.78715	1.9348	.20343
#3	.77925	2.0609	1.0005	2.0245	.79162	1.9111	.20290

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19772	.19829	1.0560	.40939	.20101	.31879	3.0913
Stddev	.00048	.00114	.0066	.00080	.00048	.00050	.0039
%RSD	.24437	.57348	.63008	.19532	.23985	.15574	.12504

#1	.19760	.19855	1.0615	.40859	.20086	.31886	3.0912
#2	.19730	.19928	1.0486	.40938	.20063	.31826	3.0952
#3	.19825	.19705	1.0580	.41019	.20155	.31924	3.0875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20655	1.9612	.50736	.07380	2.9659	.30316	.19645
Stddev	.00061	.0574	.00031	.00024	.0073	.00063	.00046
%RSD	.29630	2.9264	.06155	.31897	.24547	.20903	.23585

#1	.20631	1.9139	.50706	.07368	2.9587	.30366	.19615
#2	.20609	1.9447	.50768	.07366	2.9732	.30338	.19699
#3	.20725	2.0251	.50732	.07408	2.9658	.30245	.19622

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7016	.40598	.27555	F -.00475	.92665	.68095	.20329
Stddev	.0372	.00047	.01048	.00278	.00627	.00362	.00181
%RSD	.38312	.11476	3.8048	58.542	.67701	.53212	.89097

#1	9.6860	.40555	.26757	-.00217	.93357	.67688	.20395
#2	9.7440	.40591	.27166	-.00438	.92504	.68382	.20467
#3	9.6747	.40647	.28742	-.00769	.92133	.68216	.20124

Sample Name: PB120296BS Acquired: 6/4/2019 14:29:27 Type: Unk
 Method: P4-ICP2(v3172) 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	.21019	5.679	.20174	F 3.0607	F 3.1420
Stddev	.00157	.025	.00068	.5699	.4376
%RSD	.74466	.4317	.33571	18.621	13.927
#1	.20861	5.668	.20142	2.8180	3.2975
#2	.21174	5.707	.20252	2.6523	2.6479
#3	.21022	5.661	.20128	3.7118	3.4805
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4020.3	52442.	4847.8	67.107	4554.6
Stddev	10.1	229.	26.0	.875	9.6
%RSD	.25048	.43722	.53677	1.3040	.21020
#1	4010.8	52202.	4825.8	66.125	4548.5
#2	4019.4	52467.	4841.0	67.805	4549.7
#3	4030.8	52659.	4876.5	67.391	4565.6

Sample Name: LR CHECK 1 Acquired: 6/4/2019 14:34:01 Type: Unk
Method: P4-ICP2(v3172) 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	-.02843	-.22658	-.02874	-.51181	.09599	1990.7	.01916	.07836
Stddev	.00610	.00933	.00443	.00732	.00263	10.6	.00057	.00061
%RSD	21.460	4.1184	15.401	1.4298	2.7348	.53205	2.9506	.77354

#1	-.03472	-.22169	-.02598	-.51334	.09784	1984.3	.01979	.07777
#2	-.02254	-.23734	-.02640	-.51824	.09715	2003.0	.01871	.07898
#3	-.02803	-.22072	-.03384	-.50384	.09299	1984.9	.01898	.07834

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11410	1885.3	-.08358	.12598	.29980	934.85	-.01869	1921.5
Stddev	.00046	4.6	.00104	.00111	.00548	3.89	.00063	6.0
%RSD	.40738	.24585	1.2481	.88435	1.8266	.41579	3.3748	.31370

#1	.11457	1880.2	-.08331	.12720	.30470	930.36	-.01803	1914.8
#2	.11408	1889.2	-.08269	.12574	.30081	937.10	-.01929	1926.3
#3	.11364	1886.5	-.08473	.12501	.29389	937.08	-.01876	1923.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13697	-.40055	1880.0	.01237	.20979	1008.0	-.02444	-1.0217
Stddev	.00258	.00172	22.5	.00028	.00043	4.3	.00132	.0454
%RSD	1.8835	.42916	1.1981	2.2815	.20622	.42801	5.3992	4.4414

#1	-.13451	-.40062	1904.7	.01213	.20934	1010.4	-.02398	-.99136
#2	-.13966	-.39880	1874.6	.01268	.21020	1003.0	-.02593	-.99986
#3	-.13675	-.40223	1860.6	.01231	.20982	1010.6	-.02341	-1.0739

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36401	-.03648	.00070	-.06383	.13372	.1426	-1.0126	<.00000
Stddev	.00900	.00607	.00101	.00054	.00299	.0032	.0042	.38684
%RSD	2.4731	16.635	143.38	.84633	2.2366	2.259	.41101	9.7274

#1	.37075	-.04141	-.00046	-.06444	.13127	.1395	-1.0078	-3.8747
#2	.35378	-.03833	.00130	-.06341	.13705	.1425	-1.0150	-3.6513
#3	.36749	-.02970	.00128	-.06364	.13284	.1459	-1.0150	-4.4044

Sample Name: LR CHECK 1 Acquired: 6/4/2019 14:34:01 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 938.38
 Stddev 4.74
 %RSD .50550

#1 943.66
 #2 934.48
 #3 937.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.0	34774.	4034.0	48.059	2374.6
Stddev	12.0	87.	9.6	1.196	1.4
%RSD	.44716	.25029	.23799	2.4884	.06076

#1	2671.0	34875.	4028.8	47.315	2373.2
#2	2683.1	34717.	4028.2	47.424	2376.1
#3	2695.0	34731.	4045.1	49.439	2374.5

Sample Name: LR CHECK 2 Acquired: 6/4/2019 14:39:02 Type: Unk
Method: P4-ICP2(v3172) 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	.01082	-.01169	239.00	.03509	-.04696	-.18126	91.860	-.00133
Stddev	.00192	.00117	1.13	.00698	.00399	.00110	.595	.00007
%RSD	17.738	9.9994	.47390	19.894	8.5027	.60912	.64788	5.6036

#1	.01259	-.01077	237.69	.03480	-.04632	-.18089	91.190	-.00129
#2	.01110	-.01130	239.72	.04222	-.04332	-.18040	92.063	-.00142
#3	.00878	-.01301	239.58	.02826	-.05123	-.18251	92.328	-.00129

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00993	.12595	-.12646	-.00836	234.31	-.74520	41.299	-.07603
Stddev	.00006	.00616	.00076	.00054	1.44	.00667	.042	.03670
%RSD	.62771	4.8947	.60226	6.5165	.61373	.89488	.10229	48.273

#1	-.00986	.12988	-.12559	-.00892	232.69	-.73751	41.250	-.04834
#2	-.00998	.12912	-.12685	-.00783	235.41	-.74942	41.324	-.06208
#3	-.00995	.11884	-.12696	-.00833	234.85	-.74867	41.323	-.11765

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.721	.00592	1.3010	-.21292	34.074	1.5733	-.01612	.00110
Stddev	.133	.00037	.1301	.00126	.043	.1349	.00020	.01351
%RSD	.26753	6.1776	9.9981	.59315	.12487	8.5711	1.2395	1228.9

#1	49.584	.00574	1.4317	-.21380	34.116	1.7222	-.01593	-.00846
#2	49.729	.00634	1.2998	-.21147	34.030	1.5384	-.01610	.01656
#3	49.850	.00568	1.1716	-.21349	34.075	1.4593	-.01632	-.00480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08376	-.00067	-.00322	.02027	.00685	.1777	.00262	4.5480
Stddev	.00437	.00120	.00056	.00392	.00197	.0064	.00013	.3280
%RSD	5.2146	179.74	17.438	19.350	28.793	3.575	5.0334	7.2117

#1	.08846	-.00172	-.00285	.01736	.00729	.1826	.00255	4.2078
#2	.08298	-.00092	-.00294	.01872	.00856	.1705	.00278	4.8623
#3	.07983	.00064	-.00387	.02473	.00469	.1801	.00254	4.5738

Sample Name: LR CHECK 2 Acquired: 6/4/2019 14:39:02 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .63315
 %RSD 234.61

#1 .34627
 #2 -.91876
 #3 -.23714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.0	53753.	4911.1	66.134	4332.5
Stddev	14.8	140.	26.1	.398	21.8
%RSD	.49909	.26049	.53064	.60151	.50282

#1	2974.0	53645.	4887.5	66.125	4355.3
#2	2950.2	53703.	4906.8	66.536	4330.5
#3	2946.9	53912.	4939.1	65.741	4311.8

Sample Name: K2641-19 Acquired: 6/4/2019 14:43:44 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03655	-.03867	.50730	.01094	.00526	143.85	.58790	.01218
Stddev	.00151	.00133	.00376	.00366	.00204	.65	.00227	.00009
%RSD	4.1275	3.4409	.74046	33.449	38.815	.44885	.38591	.73530
#1	.03826	-.03727	.51163	.00685	.00559	143.11	.58528	.01225
#2	.03598	-.03992	.50492	.01391	.00308	144.17	.58917	.01221
#3	.03540	-.03883	.50534	.01205	.00712	144.28	.58924	.01208
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00417	114.80	.16904	.11900	.44039	207.02	3.0673	48.687
Stddev	.00026	.76	.00062	.00090	.00074	1.93	.0031	.302
%RSD	6.2964	.66442	.36898	.75958	.16823	.93096	.10104	.61927
#1	-.00389	113.92	.16952	.11823	.44104	204.89	3.0669	48.341
#2	-.00440	115.27	.16834	.11878	.43958	208.63	3.0644	48.893
#3	-.00422	115.20	.16927	.12000	.44053	207.56	3.0705	48.827
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16828	-.02000	18.633	.44708	1.2969	10.543	.00211	.16584
Stddev	.00094	.00099	.086	.00209	.0034	.077	.00033	.01628
%RSD	.55813	4.9498	.45987	.46719	.26072	.73026	15.758	9.8140
#1	.16834	-.02055	18.537	.44789	1.2995	10.457	.00217	.16682
#2	.16732	-.01886	18.660	.44470	1.2931	10.605	.00175	.18160
#3	.16919	-.02059	18.701	.44864	1.2980	10.567	.00241	.14909
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2534	2.0520	.06966	3.6560	.12308	6.339	.05840	.23201
Stddev	.0163	.0036	.00049	.0233	.00110	.016	.00039	.35290
%RSD	.38383	.17500	.70545	.63722	.89686	.2494	.65929	152.10
#1	4.2538	2.0552	.06965	3.6294	.12190	6.330	.05796	.22041
#2	4.2369	2.0525	.07015	3.6730	.12326	6.329	.05858	-.11494
#3	4.2695	2.0481	.06917	3.6655	.12408	6.357	.05867	.59057

Sample Name: K2641-19 Acquired: 6/4/2019 14:43:44 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 123.72
Stddev	.96
%RSD	.77777

#1	122.87
#2	123.53
#3	124.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4263.2	56239.	5546.6	64.138	4031.1
Stddev	6.5	88.	16.1	1.018	4.6
%RSD	.15159	.15680	.28953	1.5875	.11430

#1	4257.4	56327.	5560.1	64.775	4029.4
#2	4270.2	56150.	5528.8	64.675	4036.3
#3	4262.1	56240.	5550.8	62.964	4027.6

Sample Name: K2641-21 Acquired: 6/4/2019 14:48:07 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02797	-.04233	.39026	.00877	.00052	111.20	.52787	.01036
Stddev	.00106	.00082	.00284	.00596	.00139	.21	.00035	.00007
%RSD	3.7758	1.9365	.72715	68.048	268.64	.19185	.06574	.67625
#1	.02677	-.04327	.38788	.01327	.00138	111.43	.52797	.01035
#2	.02838	-.04178	.39340	.01102	.00127	111.01	.52816	.01044
#3	.02875	-.04193	.38951	.00200	-.00109	111.16	.52749	.01030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00358	135.39	.20020	.10174	.23429	171.68	2.4091	49.179
Stddev	.00021	.39	.00030	.00049	.00080	.32	.0005	.118
%RSD	5.8049	.29148	.14927	.47902	.34098	.18399	.02252	.24065
#1	-.00336	135.03	.19994	.10147	.23426	171.65	2.4097	49.314
#2	-.00362	135.32	.20052	.10230	.23511	171.38	2.4086	49.095
#3	-.00377	135.81	.20012	.10145	.23352	172.01	2.4090	49.128
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15330	-.01698	34.532	.31969	.55502	17.586	.00204	.14486
Stddev	.00098	.00027	.088	.00125	.00144	.091	.00032	.00833
%RSD	.63708	1.5697	.25627	.39245	.25944	.52029	15.571	5.7515
#1	.15275	-.01672	34.518	.31836	.55621	17.498	.00224	.13968
#2	.15443	-.01725	34.627	.31985	.55543	17.680	.00221	.14043
#3	.15273	-.01696	34.451	.32085	.55342	17.581	.00167	.15448
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.790	1.3518	.01103	4.0484	.13906	7.002	.15326	<.00000
Stddev	.046	.0109	.00127	.0176	.00068	.014	.00059	.35497
%RSD	.38782	.80303	11.545	.43450	.48543	.1970	.38251	136.76
#1	11.790	1.3393	.00991	4.0612	.13913	7.001	.15281	.14034
#2	11.835	1.3592	.01241	4.0283	.13969	7.016	.15305	-.53736
#3	11.744	1.3569	.01075	4.0557	.13835	6.989	.15392	-.38167

Sample Name: K2641-21 Acquired: 6/4/2019 14:48:07 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 98.690
Stddev	.346
%RSD	.35079

#1	98.894
#2	98.290
#3	98.885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4333.5	56997.	5620.9	65.158	4014.9
Stddev	4.0	96.	16.3	1.478	3.3
%RSD	.09128	.16879	.28933	2.2681	.08256

#1	4332.8	56890.	5620.1	64.932	4014.3
#2	4330.0	57025.	5637.5	63.805	4012.0
#3	4337.8	57076.	5605.0	66.735	4018.5

Sample Name: K3135-01 Acquired: 6/4/2019 14:52:32 Type: Unk

Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ROLL-OFF-COM Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03999	-.05601	.23629	-.00957	.00601	199.19	1.7702	.02909
Stddev	.00134	.00097	.00251	.00419	.00039	1.70	.0178	.00033
%RSD	3.3471	1.7374	1.0635	43.720	6.4319	.85267	1.0060	1.1433
#1	.04091	-.05624	.23874	-.00773	.00645	197.30	1.7499	.02888
#2	.04062	-.05494	.23641	-.01436	.00571	199.70	1.7830	.02892
#3	.03846	-.05685	.23372	-.00662	.00588	200.58	1.7778	.02948
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	330.98	.29250	.29138	.46346	314.38	10.369	163.94
Stddev	.00039	.66	.00039	.00106	.00256	1.18	.019	1.89
%RSD	20.241	.19917	.13304	.36270	.55170	.37587	.18499	1.1542
#1	-.00157	330.91	.29212	.29253	.46621	313.43	10.373	161.76
#2	-.00236	330.35	.29290	.29046	.46302	314.02	10.348	164.95
#3	-.00192	331.67	.29248	.29114	.46115	315.70	10.385	165.12
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53175	-.04323	12.818	.77247	1.3905	24.927	.00216	.49060
Stddev	.00359	.00070	.108	.00373	.0035	.305	.00024	.02893
%RSD	.67605	1.6115	.84096	.48248	.24975	1.2231	11.267	5.8977
#1	.53584	-.04400	12.694	.77677	1.3945	24.577	.00194	.47678
#2	.52909	-.04305	12.882	.77046	1.3882	25.067	.00242	.47116
#3	.53032	-.04265	12.879	.77017	1.3888	25.137	.00213	.52385
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8617	1.3958	.00729	4.0556	.63442	9.133	.04443	<.00000
Stddev	.0463	.0148	.00046	.0147	.00144	.058	.00147	.46185
%RSD	.52277	1.0597	6.2659	.36362	.22754	.6322	3.2975	23.305
#1	8.9131	1.4105	.00694	4.0405	.63527	9.194	.04612	-1.6683
#2	8.8232	1.3809	.00781	4.0563	.63275	9.080	.04357	-1.7649
#3	8.8487	1.3961	.00714	4.0699	.63523	9.123	.04360	-2.5121

Sample Name: K3135-01 Acquired: 6/4/2019 14:52:32 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLL-OFF-COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 235.01
Stddev	.25
%RSD	.10456

#1	235.23
#2	235.05
#3	234.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4265.2	56413.	5730.1	60.451	3711.0
Stddev	7.7	101.	48.5	2.080	8.3
%RSD	.18100	.17816	.84613	3.4406	.22260

#1	4258.3	56529.	5674.9	59.423	3701.5
#2	4263.8	56351.	5765.8	62.844	3716.2
#3	4273.6	56358.	5749.6	59.084	3715.4

Sample Name: K3138-02 Acquired: 6/4/2019 14:57:04 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-11-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03381	-.03040	.19418	.00929	-.00255	165.86	1.6474	.01463
Stddev	.00122	.00072	.00153	.00318	.00180	.93	.0081	.00022
%RSD	3.6193	2.3545	.78728	34.274	70.598	.56191	.48976	1.5264
#1	.03281	-.02958	.19244	.00677	-.00248	165.45	1.6418	.01486
#2	.03345	-.03067	.19478	.01287	-.00079	165.20	1.6438	.01462
#3	.03517	-.03093	.19531	.00824	-.00438	166.93	1.6567	.01442
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00710	122.33	.63792	.30584	.28103	202.06	3.1428	71.409
Stddev	.00011	.89	.00467	.00255	.00132	.85	.0039	.365
%RSD	1.5381	.72837	.73282	.83457	.46930	.42193	.12446	.51095
#1	-.00698	122.02	.64322	.30362	.27953	201.27	3.1468	71.172
#2	-.00720	121.64	.63439	.30529	.28156	201.93	3.1390	71.225
#3	-.00711	123.33	.63615	.30863	.28200	202.96	3.1425	71.829
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6068	-.01915	2.7967	.34675	.61603	10.795	.00452	.16075
Stddev	.0066	.00076	.0161	.00317	.00129	.021	.00022	.01478
%RSD	.25353	3.9463	.57419	.91403	.20909	.19389	4.9367	9.1959
#1	2.5997	-.01990	2.7840	.34972	.61462	10.773	.00448	.14541
#2	2.6079	-.01917	2.7913	.34342	.61630	10.797	.00476	.16194
#3	2.6128	-.01839	2.8148	.34712	.61715	10.815	.00432	.17490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.386	2.8593	-.00042	2.7612	.23348	3.219	.06138	1.1446
Stddev	.075	.0287	.00116	.0053	.00227	.014	.00238	.1113
%RSD	.27337	1.0026	273.50	.19093	.97418	.4281	3.8790	9.7234
#1	27.306	2.8865	.00090	2.7569	.23573	3.210	.06220	1.0236
#2	27.399	2.8294	-.00123	2.7596	.23119	3.213	.05869	1.1677
#3	27.454	2.8619	-.00094	2.7671	.23353	3.235	.06324	1.2426

Sample Name: K3138-02 Acquired: 6/4/2019 14:57:04 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-11-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 116.74
 Stddev 1.06
 %RSD .91072

#1 117.91
 #2 116.49
 #3 115.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4177.1	54851.	5383.8	64.157	4057.9
Stddev	8.9	85.	34.4	.735	6.5
%RSD	.21263	.15481	.63924	1.1459	.16107

#1	4172.3	54769.	5365.9	63.309	4056.2
#2	4171.8	54939.	5423.4	64.566	4052.3
#3	4187.4	54846.	5361.9	64.598	4065.0

Sample Name: CCV03 Acquired: 6/4/2019 15:10:22 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9599	5.0324	4.9450	5.0047	4.9673	9.6887	9.9963	.24296
Stddev	.0101	.0119	.0110	.0206	.0143	.3047	.2444	.00405
%RSD	.20303	.23636	.22232	.41111	.28876	3.1448	2.4453	1.6665
#1	4.9629	5.0336	4.9506	5.0284	4.9781	9.3493	9.7327	.23832
#2	4.9486	5.0199	4.9323	4.9912	4.9510	9.7784	10.040	.24578
#3	4.9681	5.0436	4.9521	4.9945	4.9726	9.9385	10.216	.24478
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4932	26.227	.98216	2.4805	1.2364	4.8833	2.4548	24.136
Stddev	.0046	1.859	.01789	.0069	.0077	.0794	.0351	.785
%RSD	.18245	7.0880	1.8218	.27596	.62686	1.6259	1.4310	3.2522
#1	2.4964	25.265	.96152	2.4847	1.2429	4.7920	2.4143	23.239
#2	2.4880	25.047	.99318	2.4726	1.2278	4.9364	2.4761	24.472
#3	2.4952	28.370	.99180	2.4841	1.2386	4.9215	2.4741	24.697
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4995	1.2303	24.474	2.4550	2.4646	24.870	5.0192	4.8184
Stddev	.0066	.0166	.575	.0333	.0058	.670	.0134	.1385
%RSD	.26217	1.3518	2.3513	1.3566	.23529	2.6954	.26608	2.8753
#1	2.5069	1.2111	23.857	2.4169	2.4688	24.102	5.0304	4.6586
#2	2.4943	1.2407	24.570	2.4782	2.4580	25.173	5.0044	4.9063
#3	2.4972	1.2391	24.996	2.4701	2.4669	25.335	5.0229	4.8901
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8919	5.1216	4.8790	5.2326	5.1739	5.060	5.2634	5.4148
Stddev	.0112	.3158	.0129	.3815	.3649	.008	.3770	.3323
%RSD	.22837	6.1665	.26478	7.2908	7.0527	.1616	7.1623	6.1375
#1	4.9036	4.9953	4.8782	5.0392	5.0236	5.065	5.0978	5.1966
#2	4.8813	4.8885	4.8664	4.9865	4.9082	5.051	4.9976	5.7973
#3	4.8908	5.4810	4.8922	5.6720	5.5900	5.066	5.6948	5.2505

Sample Name: CCV03 Acquired: 6/4/2019 15:10:22 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6860
Stddev	.4844
%RSD	28.729

#1	1.8231
#2	2.0870
#3	1.1478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.1	50531.	4615.5	60.105	4162.2
Stddev	22.3	788.	262.3	3.597	18.2
%RSD	.57601	1.5597	5.6827	5.9850	.43823

#1	3846.9	51435.	4707.1	60.257	4148.3
#2	3890.5	49991.	4819.6	63.625	4182.8
#3	3860.8	50167.	4319.7	56.435	4155.4

Sample Name: CCB03 Acquired: 6/4/2019 15:14:20 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	.00138	.00542	-.00206	.00027	-.00395	.00232	.00005
Stddev	.00304	.00098	.00114	.00155	.00028	.00365	.00039	.00008
%RSD	206.43	71.134	21.050	75.022	101.08	92.222	16.850	175.50

#1	.00491	.00025	.00669	-.00044	.00040	-.00158	.00233	.00006
#2	.00038	.00202	.00510	-.00223	.00046	-.00815	.00192	-.00004
#3	-.00087	.00186	.00448	-.00352	-.00004	-.00213	.00270	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.01242	.00036	-.00020	-.00107	.00194	-.00005	.00098
Stddev	.00008	.00776	.00018	.00020	.00021	.00056	.00005	.01362
%RSD	67.272	62.476	51.683	99.430	19.625	29.011	95.877	1390.0

#1	.00021	.01431	.00044	-.00041	-.00131	.00221	-.00002	.01181
#2	.00009	.00389	.00049	-.00003	-.00092	.00231	-.00002	.00544
#3	.00006	.01905	.00015	-.00015	-.00099	.00129	-.00010	-.01431

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00060	.11484	.00051	.00024	.13127	.00083	-.00162
Stddev	.00020	.00016	.01044	.00055	.00011	.02941	.00019	.00457
%RSD	48.886	25.791	9.0901	106.62	46.542	22.401	22.421	282.47

#1	.00024	.00067	.11791	.00033	.00037	.09955	.00104	-.00055
#2	.00063	.00071	.10321	.00113	.00017	.15763	.00075	.00233
#3	.00036	.00042	.12340	.00008	.00018	.13661	.00069	-.00663

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00614	.00009	-.00050	.00060	.00906	.0003	.00020	3.2225
Stddev	.00286	.00216	.00025	.00145	.00065	.0009	.00010	.3945
%RSD	46.606	2356.6	49.997	242.31	7.1768	330.8	51.361	12.240

#1	.00742	.00001	-.00024	.00030	.00981	.0001	.00023	3.1910
#2	.00813	-.00203	-.00075	-.00068	.00875	.0012	.00009	2.8448
#3	.00286	.00230	-.00052	.00218	.00862	-.0005	.00029	3.6318

Sample Name: CCB03 Acquired: 6/4/2019 15:14:20 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .33909
 %RSD 119.67

#1 .10735
 #2 -.45642
 #3 -.50099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4059.9	53474.	4823.6	66.121	4697.0
Stddev	8.1	182.	20.7	.286	3.2
%RSD	.19852	.34105	.42875	.43262	.06914

#1	4051.7	53663.	4831.0	66.286	4699.6
#2	4060.2	53300.	4839.5	65.791	4698.0
#3	4067.8	53458.	4800.2	66.286	4693.3

Sample Name: K3145-01 Acquired: 6/4/2019 15:18:49 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.00124	.00327	-.00126	-.00085	.09119	.00388	-.00001
Stddev	.00104	.00056	.00012	.00175	.00135	.01929	.00120	.00008
%RSD	63.816	44.923	3.8094	138.67	158.63	21.152	30.831	573.39

#1	-.00075	.00139	.00338	-.00300	.00059	.07308	.00270	-.00010
#2	-.00138	.00062	.00329	-.00128	-.00209	.08902	.00387	.00003
#3	-.00279	.00171	.00313	.00050	-.00105	.11148	.00509	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.20874	.00084	-.00015	.00584	.03726	.00240	.03379
Stddev	.00004	.00953	.00025	.00025	.00053	.00040	.00014	.03329
%RSD	33.722	4.5667	29.820	163.58	9.1288	1.0767	5.6982	98.525

#1	.00011	.21221	.00074	-.00044	.00632	.03680	.00228	.03857
#2	.00014	.21606	.00112	-.00008	.00527	.03742	.00255	-.00164
#3	.00007	.19796	.00065	.00005	.00592	.03755	.00236	.06442

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00036	.09943	.00054	.08113	-.04001	.00033	.02102
Stddev	.00013	.00021	.01072	.00037	.00050	.04033	.00055	.00547
%RSD	8.8471	58.647	10.777	68.933	.61919	100.81	165.14	26.022

#1	.00142	.00047	.10164	.00024	.08168	.00653	-.00005	.02540
#2	.00145	.00012	.08778	.00041	.08102	-.06173	.00097	.01489
#3	.00167	.00049	.10886	.00095	.08069	-.06482	.00008	.02278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03144	.06461	-.00106	.00069	.00140	.0107	.00084	2.9073
Stddev	.00129	.00213	.00032	.00132	.00015	.0011	.00009	.3127
%RSD	4.1086	3.2996	30.093	191.01	11.044	10.43	10.332	10.757

#1	.03098	.06409	-.00097	-.00083	.00155	.0119	.00075	2.5717
#2	.03289	.06695	-.00142	.00150	.00124	.0101	.00083	2.9597
#3	.03043	.06278	-.00080	.00141	.00141	.0099	.00092	3.1906

Sample Name: K3145-01 Acquired: 6/4/2019 15:18:49 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .89894
%RSD 434.23

#1 .80858
#2 -.52906
#3 -.90058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4120.7	54745.	5005.0	67.753	4810.3
Stddev	8.9	98.	19.0	.492	9.4
%RSD	.21506	.17841	.37904	.72581	.19486

#1	4111.0	54632.	5026.7	68.295	4799.5
#2	4128.4	54796.	4991.6	67.336	4816.1
#3	4122.7	54807.	4996.7	67.627	4815.4

Sample Name: K3145-01DUP Acquired: 6/4/2019 15:23:16 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00115	.00296	-.00202	-.00038	.08999	.00367	.00001
Stddev	.00213	.00035	.00060	.00195	.00266	.00889	.00052	.00006
%RSD	314.26	30.680	20.195	96.517	708.75	9.8816	14.257	637.63

#1	.00110	.00113	.00312	-.00230	.00173	.09582	.00414	.00003
#2	-.00163	.00152	.00346	.00005	-.00337	.07975	.00311	.00006
#3	.00257	.00081	.00230	-.00383	.00052	.09439	.00377	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.19002	.00041	-.00028	.00614	.03666	.00212	.00171
Stddev	.00009	.02559	.00055	.00011	.00022	.00087	.00004	.01234
%RSD	76.602	13.467	134.79	38.106	3.5536	2.3725	1.7749	722.04

#1	.00009	.19682	.00054	-.00016	.00622	.03569	.00208	.00817
#2	.00005	.16172	.00088	-.00037	.00589	.03692	.00216	-.01252
#3	.00022	.21153	-.00019	-.00030	.00631	.03737	.00212	.00948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	.00014	.09097	.00019	.05978	-.08659	.00046	.00043
Stddev	.00053	.00029	.00339	.00030	.00003	.04653	.00012	.01067
%RSD	41.887	202.08	3.7309	157.06	.05094	53.731	25.042	2498.5

#1	.00185	.00043	.08858	-.00013	.05979	-.13918	.00059	-.00968
#2	.00117	.00015	.08946	.00048	.05981	-.05077	.00044	-.00061
#3	.00080	-.00015	.09485	.00023	.05975	-.06983	.00036	.01157

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03023	.06479	-.00014	.00052	-.00029	.0102	.00069	2.3584
Stddev	.00062	.00097	.00047	.00200	.00162	.0007	.00005	.5713
%RSD	2.0347	1.5018	325.64	381.42	553.02	7.146	6.7575	24.225

#1	.03083	.06486	.00014	.00047	.00022	.0109	.00070	2.7092
#2	.02960	.06572	.00011	.00255	.00101	.0095	.00073	2.6670
#3	.03027	.06378	-.00069	-.00145	-.00211	.0103	.00064	1.6992

Sample Name: K3145-01DUP Acquired: 6/4/2019 15:23:16 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .01482
Stddev .22227
%RSD 1499.9

#1 -.01308
#2 -.19219
#3 .24972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4130.4	54705.	4969.4	67.997	4833.2
Stddev	1.8	226.	34.6	1.756	7.1
%RSD	.04263	.41324	.69695	2.5829	.14642

#1	4128.6	54926.	4944.4	66.089	4840.0
#2	4130.4	54713.	4954.7	68.357	4833.5
#3	4132.1	54474.	5008.9	69.545	4825.9

Sample Name: K3145-01MS Acquired: 6/4/2019 15:27:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82150	2.1555	1.0427	2.1356	.81896	2.1170	.21393	.20631	.20644
Stddev	.00153	.0068	.0035	.0076	.00652	.0200	.00117	.00022	.00186
%RSD	.18574	.31398	.33659	.35510	.79643	.94566	.54628	.10872	.89957

#1	.82010	2.1477	1.0397	2.1280	.81175	2.0953	.21269	.20633	.20490
#2	.82313	2.1600	1.0465	2.1432	.82067	2.1348	.21409	.20608	.20592
#3	.82127	2.1588	1.0419	2.1354	.82446	2.1208	.21501	.20653	.20850

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8115	.43081	.21005	.34603	3.2748	.21770	2.0700	.53338	.07711
Stddev	.0191	.00025	.00045	.00265	.0025	.00022	.0383	.00205	.00031
%RSD	1.0531	.05735	.21477	.76509	.07630	.09995	1.8517	.38486	.40298

#1	1.7919	.43081	.20953	.34315	3.2720	.21756	2.0293	.53182	.07686
#2	1.8300	.43057	.21027	.34836	3.2767	.21795	2.1054	.53570	.07701
#3	1.8127	.43106	.21034	.34659	3.2758	.21758	2.0754	.53262	.07746

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	3.1936	.32123	.28087	10.333	.42910	.31139	.02668	1.0351	.70961
Stddev	.0293	.00045	.00116	.051	.00183	.01727	.00392	.0083	.00423
%RSD	.91642	.14136	.41437	.49361	.42545	5.5469	14.674	.80414	.59646

#1	3.1693	.32086	.27962	10.281	.42700	.32254	.02223	1.0436	.70590
#2	3.1854	.32108	.28192	10.335	.43035	.29149	.02825	1.0270	.71422
#3	3.2261	.32174	.28108	10.383	.42994	.32013	.02957	1.0346	.70872

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21497	.21666	5.906	.21295	3.0589	3.6460
Stddev	.00414	.00192	.022	.00061	.3999	.3552
%RSD	1.9266	.88631	.3761	.28436	13.072	9.7434

#1	.21259	.21623	5.883	.21346	2.6736	4.0561
#2	.21257	.21876	5.927	.21228	3.4719	3.4429
#3	.21975	.21499	5.908	.21311	3.0313	3.4388

Sample Name: K3145-01MS Acquired: 6/4/2019 15:27:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.0	53507.	4893.3	64.976	4661.3
Stddev	7.0	121.	37.4	.931	6.7
%RSD	.17283	.22682	.76372	1.4327	.14327
#1	4061.8	53528.	4850.2	63.957	4667.6
#2	4047.8	53617.	4913.0	65.782	4654.3
#3	4055.4	53377.	4916.7	65.189	4661.8

Sample Name: K3145-01MSD Acquired: 6/4/2019 15:31:48 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78524	2.0666	.99739	2.0396	.79118	2.0279	.20381	.19794	.19828
Stddev	.00270	.0008	.00318	.0092	.00097	.0312	.00019	.00072	.00029
%RSD	.34378	.03997	.31834	.45110	.12255	1.5362	.09402	.36357	.14487

#1	.78657	2.0674	.99682	2.0391	.79230	2.0632	.20396	.19864	.19802
#2	.78701	2.0666	1.0008	2.0490	.79060	2.0164	.20359	.19796	.19859
#3	.78213	2.0658	.99454	2.0307	.79064	2.0042	.20387	.19720	.19824

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7279	.41628	.20110	.33188	3.1485	.20915	1.9330	.51016	.07391
Stddev	.0286	.00111	.00069	.00097	.0083	.00047	.0377	.00176	.00044
%RSD	1.6546	.26764	.34355	.29181	.26452	.22423	1.9529	.34480	.59599

#1	1.7007	.41747	.20152	.33222	3.1541	.20940	1.8895	.50983	.07346
#2	1.7252	.41612	.20030	.33264	3.1525	.20944	1.9518	.51206	.07434
#3	1.7577	.41526	.20148	.33079	3.1389	.20861	1.9577	.50858	.07393

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	3.0513	.30930	.27181	9.8813	.41404	.30048	.02525	1.0062	.68298
Stddev	.0041	.00131	.00072	.0118	.00119	.01010	.00085	.0237	.00146
%RSD	.13350	.42203	.26668	.11976	.28786	3.3603	3.3520	2.3521	.21435

#1	3.0471	.31065	.27101	9.8749	.41527	.30557	.02478	.97940	.68150
#2	3.0517	.30919	.27242	9.8741	.41395	.28885	.02474	1.0242	.68443
#3	3.0552	.30805	.27200	9.8950	.41289	.30703	.02622	1.0150	.68300

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20642	.20475	5.649	.20240	2.3409	3.1374
Stddev	.00582	.00277	.003	.00452	.2452	.2155
%RSD	2.8173	1.3532	.0447	2.2329	10.472	6.8686

#1	.19997	.20186	5.646	.19719	2.1729	3.3660
#2	.20802	.20499	5.649	.20506	2.6222	2.9380
#3	.21126	.20739	5.651	.20497	2.2276	3.1082

Sample Name: K3145-01MSD Acquired: 6/4/2019 15:31:48 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4068.4	53517.	4908.4	67.679	4681.6
Stddev	2.8	137.	103.1	1.180	7.9
%RSD	.06839	.25669	2.0997	1.7431	.16846
#1	4071.4	53360.	5027.4	68.848	4689.6
#2	4068.1	53574.	4849.0	66.489	4681.4
#3	4065.9	53616.	4848.7	67.700	4673.9

Sample Name: K3145-01LX5 Acquired: 6/4/2019 15:40:24 Type: Unk
Method: P4-ICP2(v3172) 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	.00078	.00134	.00323	-.00090	.00305	.02388	.00273	-.00001
Stddev	.00251	.00090	.00164	.00398	.00138	.01503	.00024	.00008
%RSD	320.09	67.267	50.733	443.41	45.354	62.938	8.7379	1430.7

#1	-.00157	.00031	.00510	-.00147	.00445	.00653	.00251	-.00009
#2	.00342	.00200	.00203	-.00456	.00301	.03221	.00270	.00000
#3	.00050	.00170	.00256	.00334	.00169	.03289	.00298	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.06660	.00026	-.00047	.00028	.01016	.00049	-.01504
Stddev	.00008	.00501	.00020	.00022	.00019	.00080	.00008	.05056
%RSD	46.368	7.5161	77.680	46.985	68.087	7.8909	16.517	336.26

#1	.00021	.06929	.00045	-.00073	.00024	.01105	.00053	.03832
#2	.00008	.06082	.00029	-.00031	.00011	.00951	.00039	-.02119
#3	.00020	.06967	.00005	-.00038	.00049	.00991	.00054	-.06224

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00014	.07837	.00045	.01134	.04856	.00028	-.00034
Stddev	.00016	.00051	.00922	.00012	.00005	.00334	.00018	.00755
%RSD	78.656	362.30	11.769	27.481	.40733	6.8839	64.055	2205.7

#1	.00018	-.00034	.07220	.00055	.01135	.04943	.00024	-.00387
#2	.00039	.00008	.08897	.00049	.01138	.04487	.00048	-.00548
#3	.00006	.00068	.07394	.00031	.01129	.05139	.00013	.00832

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00835	.01487	-.00054	-.00041	.00420	.0038	.00031	4.0779
Stddev	.00298	.00232	.00061	.00086	.00213	.0016	.00010	.2595
%RSD	35.727	15.597	111.81	209.44	50.719	42.16	32.039	6.3631

#1	.00635	.01669	-.00122	.00031	.00174	.0026	.00043	4.1185
#2	.00693	.01226	-.00035	-.00017	.00550	.0056	.00026	3.8005
#3	.01178	.01566	-.00005	-.00137	.00537	.0031	.00025	4.3147

Sample Name: K3145-01LX5 Acquired: 6/4/2019 15:40:24 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .56213
%RSD 895.60

#1 -.57397
#2 .53923
#3 -.15355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4021.2	52885.	4839.3	66.738	4652.5
Stddev	5.4	202.	23.0	.551	10.1
%RSD	.13459	.38246	.47602	.82590	.21657

#1	4015.0	52652.	4819.8	67.250	4641.4
#2	4024.9	53010.	4864.7	66.809	4661.0
#3	4023.7	52993.	4833.4	66.155	4655.1

Sample Name: K3145-01A Acquired: 6/4/2019 15:44:52 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80428	2.1073	1.0170	2.0824	.79976	2.0715	.20931	.20194	.20226
Stddev	.00076	.0031	.0021	.0121	.00290	.0215	.00055	.00058	.00118
%RSD	.09397	.14724	.20933	.57935	.36237	1.0397	.26355	.28760	.58569

#1	.80469	2.1099	1.0181	2.0936	.79642	2.0637	.20938	.20260	.20354
#2	.80340	2.1039	1.0184	2.0841	.80159	2.0958	.20982	.20152	.20204
#3	.80474	2.1082	1.0146	2.0696	.80127	2.0549	.20872	.20169	.20120

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7768	.42590	.20443	.33703	3.2107	.21316	2.0141	.51917	.07578
Stddev	.0350	.00053	.00078	.00124	.0042	.00062	.0368	.00116	.00095
%RSD	1.9692	.12333	.38020	.36796	.12994	.29045	1.8264	.22340	1.2547

#1	1.7407	.42545	.20456	.33777	3.2128	.21363	1.9746	.52015	.07658
#2	1.8106	.42648	.20513	.33771	3.2059	.21246	2.0474	.51947	.07605
#3	1.7791	.42576	.20359	.33559	3.2135	.21339	2.0203	.51789	.07473

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	3.1270	.31416	.27646	10.131	.42091	.31908	.02643	1.0167	.69121
Stddev	.0206	.00136	.00079	.087	.00082	.00116	.00207	.0182	.00105
%RSD	.65940	.43208	.28711	.86003	.19425	.36218	7.8385	1.7937	.15249

#1	3.1228	.31273	.27724	10.077	.42157	.31979	.02750	1.0019	.69242
#2	3.1493	.31432	.27647	10.231	.42000	.31774	.02774	1.0110	.69049
#3	3.1087	.31543	.27565	10.085	.42118	.31970	.02404	1.0371	.69072

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21077	.20717	5.771	.20666	2.1918	3.5668
Stddev	.00635	.00242	.005	.00374	.0544	.5256
%RSD	3.0129	1.1698	.0932	1.8110	2.4803	14.735

#1	.20368	.20441	5.774	.20246	2.1563	3.5613
#2	.21269	.20894	5.774	.20788	2.1647	4.0950
#3	.21594	.20817	5.765	.20964	2.2544	3.0439

Sample Name: K3145-01A Acquired: 6/4/2019 15:44:52 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.5	53703.	4956.5	67.200	4693.7
Stddev	6.4	140.	82.0	2.079	1.2
%RSD	.15618	.26056	1.6550	3.0936	.02455
#1	4084.6	53862.	5046.2	69.561	4694.0
#2	4073.2	53595.	4938.2	65.645	4694.6
#3	4083.8	53653.	4885.2	66.393	4692.4

Sample Name: K3085-02 Acquired: 6/4/2019 15:48:58 Type: Unk
Method: P4-ICP2(v3172) 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	.01735	-.00134	.00902	-.00187	.00652	-.11102	.63740
Stddev	.00076	.00041	.00090	.00383	.00254	.03583	.00442
%RSD	4.3995	30.681	10.022	204.47	38.908	32.275	.69411

#1	.01823	-.00130	.00852	.00020	.00587	-.08738	.63780
#2	.01698	-.00176	.00848	-.00629	.00932	-.15224	.63278
#3	.01685	-.00094	.01007	.00047	.00437	-.09343	.64160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00037	485.20	-.00090	.00065	.00658	.16233
Stddev	.00007	.00007	1.86	.00015	.00014	.00035	.00184
%RSD	178.03	18.502	.38285	16.412	22.110	5.2592	1.1314

#1	-.00002	.00036	484.25	-.00100	.00078	.00621	.16232
#2	.00002	.00031	484.00	-.00097	.00069	.00663	.16050
#3	-.00011	.00044	487.34	-.00073	.00049	.00689	.16417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0779	16.410	.00933	-.00072	59.006	-.00334	.05449
Stddev	.0019	.223	.00048	.00038	.392	.00026	.00009
%RSD	.17476	1.3608	5.1855	53.232	.66448	7.7251	.15834

#1	1.0795	16.587	.00976	-.00097	59.041	-.00344	.05441
#2	1.0758	16.159	.00880	-.00028	58.597	-.00305	.05447
#3	1.0783	16.483	.00941	-.00091	59.379	-.00353	.05458

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.166	.00277	.50000	F 12.195	7.2467	-.00682	-.01462
Stddev	.181	.00029	.01448	.011	.0260	.00110	.00121
%RSD	.69213	10.529	2.8952	.09128	.35868	16.075	8.2834

#1	26.187	.00281	.51346	12.197	7.2225	-.00797	-.01585
#2	25.975	.00247	.50186	12.205	7.2742	-.00580	-.01343
#3	26.336	.00305	.48469	12.183	7.2435	-.00668	-.01458

Sample Name: K3085-02 Acquired: 6/4/2019 15:48:58 Type: Unk
 Method: P4-ICP2(v3172) 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	.34996	.0067	6.1633	6.2085	F<.00000
Stddev	.00244	.0018	.0136	.2475	.58479
%RSD	.69755	27.27	.21993	3.9872	37.997
#1	.35227	.0048	6.1612	6.4942	-.86511
#2	.35021	.0069	6.1510	6.0591	-1.8391
#3	.34741	.0084	6.1778	6.0721	-1.9129
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.1	48697.	4807.5	64.428	3956.1
Stddev	9.7	256.	7.0	1.120	1.7
%RSD	.26218	.52604	.14468	1.7385	.04281
#1	3696.7	48478.	4800.3	64.387	3957.3
#2	3687.4	48979.	4808.3	63.329	3956.7
#3	3677.3	48635.	4814.1	65.568	3954.1

Sample Name: K3085-02DUP Acquired: 6/4/2019 15:53:18 Type: Unk
Method: P4-ICP2(v3172) 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	.01682	-.00146	.01083	.00126	.00280	-.10758	.64530
Stddev	.00224	.00201	.00061	.00211	.00165	.00899	.00632
%RSD	13.338	137.37	5.6401	166.78	58.944	8.3534	.97887

#1	.01448	-.00350	.01145	.00369	.00152	-.10957	.64025
#2	.01703	.00051	.01023	-.00013	.00466	-.09777	.64326
#3	.01895	-.00139	.01082	.00024	.00220	-.11541	.65238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00029	487.20	-.00094	.00062	.00682	.16417
Stddev	.00005	.00005	.41	.00014	.00023	.00046	.00206
%RSD	83.303	18.789	.08486	14.927	37.949	6.6797	1.2554

#1	.00011	.00027	486.88	-.00104	.00038	.00688	.16585
#2	.00003	.00035	487.66	-.00100	.00062	.00725	.16187
#3	.00003	.00025	487.05	-.00078	.00085	.00634	.16478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0895	16.765	.00958	-.00061	59.643	-.00320	.05435
Stddev	.0017	.140	.00036	.00031	.461	.00033	.00019
%RSD	.15193	.83647	3.7105	50.414	.77241	10.268	.34706

#1	1.0903	16.615	.00921	-.00031	59.384	-.00287	.05423
#2	1.0906	16.787	.00963	-.00092	59.370	-.00353	.05457
#3	1.0876	16.893	.00992	-.00060	60.175	-.00320	.05426

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.549	.00281	.52220	F 12.307	7.2799	-.00701	-.01624
Stddev	.221	.00057	.02448	.038	.0429	.00141	.00215
%RSD	.83381	20.200	4.6883	.30510	.58870	20.077	13.226

#1	26.520	.00240	.49409	12.333	7.2776	-.00859	-.01863
#2	26.344	.00257	.53885	12.264	7.3239	-.00656	-.01563
#3	26.784	.00346	.53366	12.323	7.2383	-.00589	-.01446

Sample Name: K3085-02DUP Acquired: 6/4/2019 15:53:18 Type: Unk
Method: P4-ICP2(v3172) 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	.35659	.0052	6.2051	6.6864	F<.00000
Stddev	.00075	.0021	.0125	.2311	.59600
%RSD	.21025	41.09	.20112	3.4558	42.367
#1	.35616	.0043	6.1927	6.8243	-1.5614
#2	.35614	.0036	6.2176	6.8153	-.74871
#3	.35745	.0076	6.2051	6.4197	-1.9103
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.5	48199.	4784.6	63.135	3924.7
Stddev	7.6	191.	13.8	1.092	7.0
%RSD	.20703	.39541	.28915	1.7296	.17948
#1	3650.4	48243.	4777.4	64.347	3916.8
#2	3656.5	48364.	4775.9	62.228	3930.4
#3	3665.5	47991.	4800.6	62.830	3926.9

Sample Name: K3085-02LX5 Acquired: 6/4/2019 15:57:40 Type: Unk
Method: P4-ICP2(v3172) 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	-.00180	.00517	.00066	.00131	.00138	.13147	.00003
Stddev	.00322	.00132	.00076	.00202	.00088	.00072	.00043	.00002
%RSD	50.351	72.954	14.705	307.43	67.071	52.023	.32728	78.826

#1	.00625	-.00204	.00441	.00008	.00123	.00165	.13153	.00001
#2	.00969	-.00299	.00593	-.00101	.00047	.00192	.13102	.00003
#3	.00325	-.00039	.00518	.00290	.00222	.00057	.13187	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	102.15	.00021	-.00015	.00068	.03530	.22919	3.3720
Stddev	.00008	.42	.00010	.00016	.00034	.00022	.00037	.0626
%RSD	60.492	.41160	50.329	107.42	49.792	.61344	.16345	1.8571

#1	.00021	102.31	.00025	-.00030	.00034	.03506	.22895	3.3087
#2	.00012	101.68	.00028	.00002	.00102	.03534	.22962	3.4339
#3	.00005	102.47	.00009	-.00016	.00069	.03549	.22899	3.3733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	-.00011	11.645	-.00085	.01111	5.2220	.00102	.09989
Stddev	.00026	.00026	.007	.00024	.00014	.0531	.00015	.01060
%RSD	21.718	240.66	.06314	28.250	1.3003	1.0159	14.509	10.612

#1	.00146	.00014	11.649	-.00058	.01102	5.1645	.00097	.10845
#2	.00114	-.00038	11.649	-.00094	.01128	5.2324	.00090	.10317
#3	.00095	-.00008	11.636	-.00103	.01104	5.2690	.00119	.08803

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4123	1.5566	-.00189	-.00287	.07978	.0010	1.2988	5.1976
Stddev	.0124	.0010	.00032	.00110	.00168	.0011	.0037	.0660
%RSD	.51193	.06623	16.967	38.349	2.1008	115.3	.28451	1.2698

#1	2.4007	1.5569	-.00225	-.00245	.07901	.0004	1.2992	5.2738
#2	2.4253	1.5574	-.00163	-.00204	.07863	.0023	1.2949	5.1582
#3	2.4109	1.5555	-.00180	-.00412	.08170	.0003	1.3022	5.1607

Sample Name: K3085-02LX5 Acquired: 6/4/2019 15:57:40 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .59677
%RSD 571.12

#1 .49999
#2 -.12022
#3 -.69325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.4	50394.	4774.8	63.716	4242.3
Stddev	2.2	108.	16.4	.700	6.2
%RSD	.05870	.21431	.34365	1.0982	.14651

#1	3813.0	50299.	4756.8	63.032	4249.4
#2	3808.8	50371.	4778.6	64.430	4239.3
#3	3812.3	50511.	4788.9	63.687	4238.2

Sample Name: K3085-02MS Acquired: 6/4/2019 16:02:03 Type: Unk
Method: P4-ICP2(v3172) 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	.82855	1.9906	.99130	2.0988	.87755	1.9476	.81415	.20361
Stddev	.00271	.0079	.00221	.0069	.00027	.0112	.00211	.00038
%RSD	.32723	.39519	.22266	.32955	.03108	.57376	.25963	.18805
#1	.82763	1.9978	.98908	2.1047	.87724	1.9349	.81657	.20392
#2	.83160	1.9822	.99349	2.1006	.87775	1.9560	.81268	.20319
#3	.82642	1.9917	.99133	2.0912	.87766	1.9518	.81319	.20373
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20068	467.70	.39267	.20042	.30582	3.0464	1.2247	17.732
Stddev	.00026	1.10	.00043	.00082	.00091	.0004	.0019	.103
%RSD	.13144	.23465	.10979	.40981	.29837	.01408	.15564	.58205
#1	.20066	468.95	.39229	.20082	.30501	3.0469	1.2245	17.622
#2	.20096	466.90	.39314	.20096	.30681	3.0461	1.2229	17.826
#3	.20043	467.25	.39259	.19947	.30564	3.0463	1.2267	17.747
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50990	.07416	59.079	.30278	.28409	35.909	.44578	.78896
Stddev	.00184	.00062	.112	.00167	.00037	.087	.00090	.00791
%RSD	.36065	.83869	.18912	.55118	.13133	.24123	.20165	1.0031
#1	.51104	.07475	59.187	.30465	.28375	36.008	.44557	.78835
#2	.51088	.07351	59.086	.30144	.28449	35.875	.44677	.79716
#3	.50778	.07421	58.964	.30226	.28404	35.845	.44501	.78136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.737	7.9707	.74356	.20459	.54736	6.459	6.1437	7.3303
Stddev	.054	.0204	.00224	.00076	.00359	.026	.0109	.0542
%RSD	.46218	.25623	.30066	.37257	.65570	.3975	.17704	.73907
#1	11.763	7.9927	.74517	.20375	.54342	6.472	6.1540	7.3816
#2	11.773	7.9672	.74451	.20477	.55045	6.476	6.1448	7.2737
#3	11.674	7.9523	.74101	.20525	.54821	6.430	6.1323	7.3358

Sample Name: K3085-02MS Acquired: 6/4/2019 16:02:03 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8280
Stddev	.3846
%RSD	21.037

#1	1.6722
#2	1.5457
#3	2.2660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.7	48595.	4743.6	60.723	3907.8
Stddev	3.9	60.	2.2	.484	2.7
%RSD	.10636	.12338	.04578	.79695	.06978

#1	3651.0	48618.	4741.5	60.616	3905.7
#2	3644.3	48639.	4745.8	60.301	3906.7
#3	3651.0	48526.	4743.6	61.251	3910.9

Sample Name: CCV04 Acquired: 6/4/2019 16:06:07 Type: Unk
Method: P4-ICP2(v3172) 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	5.0120	5.0576	4.9581	5.0739	4.9906	9.6896	9.9456	.24389
Stddev	.0108	.0092	.0075	.0042	.0052	.0588	.0275	.00092
%RSD	.21626	.18215	.15110	.08290	.10353	.60638	.27680	.37684
#1	5.0042	5.0682	4.9612	5.0729	4.9961	9.6273	9.9517	.24459
#2	5.0075	5.0516	4.9495	5.0785	4.9897	9.6975	9.9155	.24285
#3	5.0244	5.0529	4.9635	5.0702	4.9859	9.7441	9.9696	.24422
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5272	25.418	.99286	2.4906	1.2423	4.9025	2.4649	23.807
Stddev	.0037	.136	.00045	.0038	.0010	.0050	.0035	.250
%RSD	.14511	.53699	.04553	.15150	.07869	.10217	.14276	1.0483
#1	2.5308	25.272	.99334	2.4916	1.2413	4.8982	2.4688	23.583
#2	2.5234	25.542	.99277	2.4864	1.2424	4.9080	2.4621	23.761
#3	2.5274	25.440	.99245	2.4938	1.2432	4.9013	2.4636	24.076
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5224	1.2426	24.436	2.4796	2.4762	24.802	5.0368	4.7879
Stddev	.0032	.0039	.079	.0064	.0029	.049	.0033	.0368
%RSD	.12619	.31149	.32172	.25748	.11712	.19657	.06543	.76923
#1	2.5254	1.2470	24.442	2.4842	2.4791	24.818	5.0390	4.7636
#2	2.5191	1.2404	24.354	2.4723	2.4733	24.748	5.0330	4.7697
#3	2.5227	1.2402	24.511	2.4824	2.4761	24.842	5.0384	4.8303
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9330	5.0126	4.8989	5.0401	4.9879	5.130	5.0824	F 6.3642
Stddev	.0198	.0169	.0069	.0199	.0088	.016	.0077	.0671
%RSD	.40108	.33612	.13978	.39421	.17564	.3204	.15144	1.0537
#1	4.9527	5.0226	4.9062	5.0173	4.9963	5.148	5.0910	6.4223
#2	4.9131	5.0221	4.8926	5.0500	4.9887	5.115	5.0763	6.3795
#3	4.9331	4.9932	4.8979	5.0532	4.9788	5.127	5.0798	6.2908

Sample Name: CCV04 Acquired: 6/4/2019 16:06:07 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8362
Stddev .8935
%RSD 48.661

#1 2.8615
#2 1.2233
#3 1.4239

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3812.1	49754.	4684.5	61.733	4099.1
Stddev	10.5	111.	18.3	2.414	13.0
%RSD	.27476	.22269	.39052	3.9098	.31805

#1	3804.3	49632.	4666.9	61.999	4085.7
#2	3808.0	49849.	4683.3	59.198	4100.0
#3	3824.0	49780.	4703.4	64.003	4111.7

Sample Name: CCB04 Acquired: 6/4/2019 16:10:05 Type: Unk
Method: P4-ICP2(v3172) 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	.00121	.00239	.00191	-.00501	.00078	.01180	.00222
Stddev	.00340	.00130	.00026	.00059	.00024	.00541	.00057
%RSD	281.01	54.251	13.761	11.802	31.203	45.818	25.518

#1	.00236	.00187	.00176	-.00468	.00057	.01601	.00168
#2	-.00261	.00144	.00175	-.00569	.00073	.01370	.00281
#3	.00388	.00387	.00221	-.00465	.00105	.00570	.00217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00018	.00237	.00030	-.00025	-.00146	.00053
Stddev	.00003	.00007	.00898	.00050	.00004	.00017	.00028
%RSD	303.06	39.727	378.86	166.85	15.751	11.590	52.087

#1	.00001	.00013	-.00409	.00046	-.00022	-.00128	.00032
#2	.00000	.00015	.01263	-.00026	-.00029	-.00162	.00084
#3	-.00005	.00027	-.00143	.00069	-.00023	-.00148	.00043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.05753	.00021	.00071	.09668	-.00003	-.00006
Stddev	.00002	.03997	.00023	.00008	.00139	.00049	.00009
%RSD	13.286	69.468	112.31	10.927	1.4339	1699.0	143.79

#1	.00013	-.08777	-.00006	.00063	.09518	-.00030	-.00012
#2	.00012	-.01222	.00035	.00079	.09791	.00054	.00004
#3	.00010	-.07261	.00032	.00071	.09696	-.00032	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12881	.00110	.01487	.00400	-.00164	-.00009	.00147
Stddev	.02704	.00037	.01338	.00209	.00182	.00047	.00423
%RSD	20.993	33.986	90.007	52.178	111.00	539.77	287.12

#1	.14857	.00117	.02445	.00576	-.00143	.00025	.00624
#2	.09799	.00144	-.00042	.00455	.00006	-.00063	-.00000
#3	.13986	.00070	.02057	.00169	-.00356	.00012	-.00182

Sample Name: CCB04 Acquired: 6/4/2019 16:10:05 Type: Unk
Method: P4-ICP2(v3172) 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 .00845	.0007	.00024	F 3.0716	F<.00000
Stddev	.00232	.0015	.00004	.4570	.55964
%RSD	27.402	208.6	16.077	14.880	274.73

#1	.01039	.0016	.00028	2.5557	.27467
#2	.00589	.0016	.00021	3.4260	-.81914
#3	.00907	-.0010	.00024	3.2330	-.06663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3991.9	52280.	4740.2	63.342	4619.3
Stddev	3.1	176.	9.1	.340	14.8
%RSD	.07757	.33683	.19238	.53664	.32044

#1	3992.5	52077.	4747.4	62.950	4603.9
#2	3988.6	52393.	4730.0	63.532	4620.7
#3	3994.7	52369.	4743.3	63.545	4633.4

Sample Name: K3085-02MSD Acquired: 6/4/2019 16:14:33 Type: Unk
Method: P4-ICP2(v3172) 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	.90262	2.1786	1.0822	2.2868	.88498	2.1491	.81911	.22065
Stddev	.00336	.0042	.0050	.0120	.00299	.0107	.00408	.00083
%RSD	.37256	.19291	.46097	.52604	.33788	.49657	.49819	.37580
#1	.90061	2.1793	1.0789	2.2801	.88319	2.1538	.82286	.22125
#2	.90650	2.1741	1.0797	2.2797	.88332	2.1566	.81476	.21970
#3	.90074	2.1824	1.0879	2.3007	.88843	2.1369	.81970	.22100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22014	462.29	.43296	.21822	.33193	3.3187	1.2224	17.445
Stddev	.00075	1.60	.00014	.00080	.00126	.0069	.0015	.092
%RSD	.33977	.34716	.03138	.36455	.37912	.20881	.12586	.52756
#1	.21956	460.59	.43297	.21749	.33209	3.3112	1.2216	17.513
#2	.21988	463.78	.43310	.21811	.33059	3.3199	1.2214	17.480
#3	.22099	462.49	.43283	.21907	.33309	3.3249	1.2241	17.340
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55665	.08115	58.319	.33349	.27882	36.160	.44493	.80649
Stddev	.00177	.00076	.249	.00093	.00093	.261	.00193	.02467
%RSD	.31787	.93390	.42652	.27919	.33258	.72241	.43488	3.0590
#1	.55460	.08201	58.520	.33245	.27784	36.361	.44598	.82862
#2	.55763	.08085	58.041	.33426	.27894	35.864	.44270	.77989
#3	.55771	.08059	58.397	.33376	.27969	36.254	.44612	.81095
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.540	7.9110	.74609	.20406	.56418	7.100	6.1001	6.4997
Stddev	.046	.0478	.00380	.00077	.00324	.035	.0159	.0474
%RSD	.39875	.60481	.50930	.37499	.57487	.4955	.26058	.72848
#1	11.515	7.8800	.74616	.20398	.56047	7.071	6.0829	6.5055
#2	11.513	7.9661	.74226	.20333	.56562	7.089	6.1142	6.5439
#3	11.594	7.8869	.74986	.20485	.56646	7.139	6.1033	6.4498

Sample Name: K3085-02MSD Acquired: 6/4/2019 16:14:33 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1323
Stddev	.2388
%RSD	11.197

#1	1.8690
#2	2.3348
#3	2.1932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.7	48372.	4691.0	62.888	3914.2
Stddev	9.1	48.	32.2	1.102	3.2
%RSD	.24724	.10024	.68671	1.7522	.08274

#1	3655.5	48363.	4713.1	62.562	3912.4
#2	3673.4	48329.	4654.1	61.986	3917.9
#3	3662.3	48424.	4705.9	64.116	3912.3

Sample Name: K3085-02A Acquired: 6/4/2019 16:18:37 Type: Unk
Method: P4-ICP2(v3172) 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	.87040	2.0895	1.0405	2.1980	.88418	2.0357	.82590	.21240
Stddev	.00217	.0035	.0044	.0119	.00346	.0187	.00370	.00017
%RSD	.24960	.16546	.41864	.54079	.39188	.91781	.44788	.07920
#1	.86820	2.0878	1.0439	2.1845	.88242	2.0190	.82571	.21255
#2	.87255	2.0873	1.0356	2.2030	.88194	2.0322	.82230	.21222
#3	.87045	2.0935	1.0420	2.2066	.88817	2.0559	.82969	.21244
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21114	467.40	.41162	.21008	.31949	3.1872	1.2256	17.656
Stddev	.00064	2.82	.00116	.00075	.00135	.0067	.0005	.083
%RSD	.30497	.60320	.28127	.35633	.42341	.21045	.04369	.46773
#1	.21132	470.56	.41039	.20998	.31844	3.1949	1.2262	17.751
#2	.21043	466.51	.41268	.20939	.32101	3.1846	1.2256	17.601
#3	.21168	465.14	.41179	.21088	.31901	3.1823	1.2251	17.616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53458	.07829	59.125	.31699	.28222	36.388	.44741	.80038
Stddev	.00174	.00049	.249	.00056	.00067	.157	.00036	.00943
%RSD	.32522	.61984	.42084	.17525	.23678	.43042	.08010	1.1788
#1	.53424	.07876	59.249	.31662	.28291	36.511	.44718	.79933
#2	.53304	.07832	58.839	.31763	.28158	36.211	.44782	.79151
#3	.53646	.07779	59.288	.31673	.28217	36.442	.44723	.81029
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.727	7.9203	.74460	.20860	.55503	6.830	6.1586	7.6266
Stddev	.034	.0476	.00313	.00147	.00196	.021	.0285	.3314
%RSD	.28852	.60121	.42092	.70239	.35228	.3061	.46219	4.3458
#1	11.712	7.9583	.74620	.20989	.55377	6.824	6.1914	7.2440
#2	11.704	7.9357	.74099	.20701	.55404	6.813	6.1405	7.8263
#3	11.766	7.8669	.74662	.20892	.55728	6.854	6.1439	7.8095

Sample Name: K3085-02A Acquired: 6/4/2019 16:18:37 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8137
Stddev	.3446
%RSD	18.999

#1	1.4814
#2	1.7903
#3	2.1693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.2	48143.	4692.2	63.175	3892.9
Stddev	5.5	85.	32.0	.697	6.5
%RSD	.14980	.17579	.68188	1.1033	.16674

#1	3645.2	48045.	4663.8	62.660	3888.7
#2	3635.9	48198.	4686.1	62.898	3900.3
#3	3645.5	48185.	4726.9	63.968	3889.6

Sample Name: K3106-07 Acquired: 6/4/2019 16:22:42 Type: Unk
Method: P4-ICP2(v3172) 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	.00876	.00164	.00769	.00343	.00588	.04498	.06868	.00006
Stddev	.00219	.00118	.00057	.00124	.00194	.00997	.00089	.00003
%RSD	24.979	71.988	7.3775	36.089	33.080	22.172	1.2917	62.395

#1	.00945	.00290	.00829	.00485	.00493	.04199	.06933	.00009
#2	.00631	.00145	.00764	.00267	.00812	.05611	.06903	.00002
#3	.01051	.00056	.00715	.00276	.00459	.03685	.06767	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	47.439	.00234	-.00027	.01112	.03881	.01124	19.725
Stddev	.00005	.377	.00015	.00017	.00017	.00033	.00006	.031
%RSD	19.325	.79402	6.2669	62.928	1.4981	.84250	.57078	.15491

#1	.00028	47.451	.00250	-.00037	.01131	.03855	.01131	19.745
#2	.00024	47.056	.00231	-.00007	.01098	.03870	.01122	19.690
#3	.00019	47.809	.00221	-.00037	.01107	.03917	.01118	19.740

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	.00013	11.700	.00086	.02906	3.1609	.00638	.10526
Stddev	.00025	.00035	.050	.00022	.00016	.0770	.00024	.01760
%RSD	12.503	261.23	.42708	25.146	.56570	2.4362	3.7509	16.717

#1	.00180	-.00014	11.657	.00103	.02907	3.1481	.00612	.12039
#2	.00226	.00053	11.754	.00095	.02922	3.2435	.00646	.08595
#3	.00188	.00001	11.688	.00062	.02889	3.0911	.00658	.10944

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3597	9.5992	-.00147	-.00009	.01511	.0720	.20170	3.8711
Stddev	.0215	.1137	.00057	.00215	.00151	.0010	.00037	.6076
%RSD	.49418	1.1841	39.101	2294.1	9.9687	1.365	.18442	15.696

#1	4.3473	9.6910	-.00097	-.00051	.01382	.0731	.20198	3.2285
#2	4.3846	9.4721	-.00210	.00223	.01677	.0714	.20128	4.4362
#3	4.3473	9.6346	-.00135	-.00200	.01475	.0714	.20184	3.9487

Sample Name: K3106-07 Acquired: 6/4/2019 16:22:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .65198
Stddev .52920
%RSD 81.168

#1 .61034
#2 .14483
#3 1.2008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.2	52338.	4887.5	66.377	4469.9
Stddev	3.3	150.	58.2	1.499	2.7
%RSD	.08430	.28646	1.1909	2.2589	.06045

#1	3967.4	52198.	4844.6	65.356	4471.8
#2	3972.7	52496.	4953.7	65.676	4471.1
#3	3973.5	52319.	4864.0	68.098	4466.8

Sample Name: K3106-08 Acquired: 6/4/2019 16:27:06 Type: Unk
Method: P4-ICP2(v3172) 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	.01629	.00108	.00862	.00258	.00677	.04951	.12566	.00010
Stddev	.00322	.00105	.00121	.00142	.00064	.01163	.00104	.00002
%RSD	19.753	97.050	14.005	55.037	9.4697	23.484	.82822	23.083
#1	.01396	.00009	.00917	.00096	.00727	.04724	.12447	.00007
#2	.01996	.00218	.00946	.00362	.00700	.06210	.12640	.00012
#3	.01494	.00097	.00724	.00315	.00605	.03918	.12610	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	85.931	.00275	.00008	.05139	.03933	.02582	5.7928
Stddev	.00001	.884	.00018	.00004	.00025	.00060	.00005	.0219
%RSD	2.9456	1.0288	6.5108	59.103	.48819	1.5335	.18939	.37878
#1	.00035	85.558	.00254	.00004	.05155	.03934	.02580	5.8163
#2	.00033	85.295	.00287	.00007	.05110	.03872	.02579	5.7729
#3	.00034	86.941	.00284	.00012	.05153	.03993	.02588	5.7890
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00494	.00018	11.028	.00473	.05308	7.8137	.01643	.20022
Stddev	.00007	.00015	.098	.00056	.00009	.0424	.00016	.01351
%RSD	1.3468	86.126	.89287	11.742	.16747	.54319	.96209	6.7461
#1	.00501	.00022	10.930	.00537	.05299	7.7702	.01655	.18593
#2	.00493	.00031	11.027	.00445	.05317	7.8158	.01625	.20194
#3	.00488	.00001	11.127	.00436	.05308	7.8550	.01649	.21278
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.230	5.7810	-.01616	-.00368	.01727	.0965	.42401	3.9162
Stddev	.128	.0408	.00033	.00078	.00126	.0009	.00466	.2006
%RSD	.29512	.70505	2.0187	21.173	7.3114	.9051	1.0992	5.1217
#1	43.128	5.7736	-.01594	-.00363	.01872	.0963	.42153	4.1149
#2	43.373	5.7445	-.01600	-.00448	.01667	.0975	.42111	3.7138
#3	43.188	5.8250	-.01653	-.00292	.01641	.0957	.42939	3.9199

Sample Name: K3106-08 Acquired: 6/4/2019 16:27:06 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.45244
Stddev	.84021
%RSD	185.71

#1	1.3094
#2	-.36998
#3	.41792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3941.8	52112.	4882.4	63.431	4472.4
Stddev	3.5	212.	43.1	1.521	5.5
%RSD	.08906	.40673	.88201	2.3971	.12262

#1	3943.7	52242.	4890.4	64.050	4478.7
#2	3944.0	52225.	4920.9	64.545	4469.0
#3	3937.8	51867.	4835.9	61.699	4469.4

Sample Name: K3106-09 Acquired: 6/4/2019 16:31:26 Type: Unk
Method: P4-ICP2(v3172) 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	.13622	.00104	.00550	.00255	.00660	.02230	.04165	.00006
Stddev	.00297	.00142	.00086	.00289	.00075	.01339	.00095	.00003
%RSD	2.1791	137.43	15.622	113.52	11.392	60.054	2.2778	41.504

#1	.13727	.00035	.00576	.00483	.00600	.03334	.04058	.00009
#2	.13287	.00008	.00620	-.00070	.00745	.00740	.04196	.00006
#3	.13852	.00267	.00454	.00352	.00636	.02616	.04240	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	25.887	.00040	.00071	.00616	.05527	.28486	10.837
Stddev	.00002	.134	.00040	.00015	.00015	.00037	.00023	.122
%RSD	8.7652	.51876	101.04	20.887	2.4276	.66918	.08196	1.1270

#1	.00026	25.736	.00051	.00088	.00632	.05553	.28505	10.703
#2	.00025	25.935	-.00005	.00064	.00612	.05485	.28460	10.941
#3	.00029	25.991	.00074	.00062	.00603	.05544	.28493	10.868

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00202	.00030	15.664	.00077	.03211	3.8618	.00594	.39399
Stddev	.00028	.00049	.088	.00012	.00005	.0622	.00008	.00769
%RSD	14.009	164.92	.56249	15.436	.16827	1.6099	1.3605	1.9520

#1	.00209	-.00006	15.565	.00088	.03213	3.8341	.00596	.39621
#2	.00226	.00010	15.733	.00065	.03215	3.8183	.00585	.38543
#3	.00171	.00085	15.696	.00076	.03205	3.9330	.00601	.40032

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2463	6.7235	-.00154	-.00145	.00755	.3192	.10517	3.1483
Stddev	.0021	.0466	.00062	.00154	.00071	.0023	.00049	.4421
%RSD	.06552	.69232	39.989	106.68	9.4528	.7255	.46869	14.044

#1	3.2476	6.7748	-.00137	-.00299	.00803	.3187	.10464	2.6763
#2	3.2438	6.7116	-.00223	-.00144	.00673	.3217	.10561	3.2158
#3	3.2474	6.6840	-.00103	.00009	.00788	.3172	.10528	3.5528

Sample Name: K3106-09 Acquired: 6/4/2019 16:31:26 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .36360
 Stddev .51812
 %RSD 142.50

#1 -.16819
 #2 .86689
 #3 .39209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3997.0	52621.	4849.0	64.705	4550.6
Stddev	8.0	73.	29.0	.749	4.4
%RSD	.19922	.13875	.59797	1.1575	.09656

#1	4000.3	52571.	4827.2	65.241	4555.6
#2	4002.8	52589.	4837.8	65.026	4548.6
#3	3988.0	52705.	4881.9	63.849	4547.5

Sample Name: K3106-10 Acquired: 6/4/2019 16:35:49 Type: Unk
Method: P4-ICP2(v3172) 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	.00005	.01165	.00172	-.00215	.03904	.23121	.00005
Stddev	.00283	.00199	.00063	.00302	.00254	.00412	.00147	.00006
%RSD	49.956	4264.8	5.4326	176.02	118.03	10.544	.63536	118.02
#1	.00361	.00211	.01131	.00516	-.00328	.03901	.22955	.00012
#2	.00449	-.00187	.01125	-.00048	-.00393	.04318	.23234	-.00001
#3	.00890	-.00010	.01237	.00047	.00076	.03494	.23174	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	115.70	.00642	.00015	.02363	.55652	.70052	19.602
Stddev	.00004	.84	.00054	.00008	.00052	.00235	.00279	.138
%RSD	14.171	.72457	8.4152	55.238	2.2099	.42264	.39868	.70469
#1	.00030	115.05	.00582	.00008	.02389	.55385	.69743	19.657
#2	.00025	115.42	.00688	.00013	.02397	.55741	.70127	19.704
#3	.00033	116.65	.00655	.00025	.02303	.55829	.70286	19.445
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00025	65.922	-.00168	.04717	11.508	.00156	.18464
Stddev	.00020	.00096	.412	.00057	.00012	.094	.00037	.03023
%RSD	26.869	382.14	.62562	33.710	.25402	.81730	23.707	16.373
#1	.00052	.00049	65.474	-.00232	.04725	11.432	.00156	.17657
#2	.00091	.00107	66.286	-.00122	.04703	11.613	.00193	.15926
#3	.00080	-.00081	66.005	-.00151	.04722	11.480	.00119	.21808
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.708	F 14.331	-.00503	-.00335	.02794	.0130	.69175	5.6865
Stddev	.023	.112	.00093	.00048	.00067	.0015	.00403	.3294
%RSD	.17757	.78145	18.486	14.454	2.4006	11.94	.58268	5.7929
#1	12.700	14.389	-.00397	-.00323	.02806	.0117	.68866	5.3340
#2	12.734	14.202	-.00568	-.00294	.02854	.0147	.69027	5.9865
#3	12.691	14.402	-.00546	-.00388	.02721	.0124	.69631	5.7389

Sample Name: K3106-10 Acquired: 6/4/2019 16:35:49 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .70035
%RSD 169.44

#1 -1.1926
#2 .16358
#3 -.21100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.5	50276.	4816.0	64.452	4211.6
Stddev	7.4	58.	28.6	1.119	1.3
%RSD	.19432	.11579	.59386	1.7359	.03021

#1	3811.9	50317.	4802.4	64.486	4210.2
#2	3812.6	50210.	4848.8	65.554	4212.5
#3	3825.1	50303.	4796.7	63.317	4212.2

Sample Name: K3138-06 Acquired: 6/4/2019 16:40:10 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-09-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06732	-.05272	.60750	-.00716	-.00802	115.90	.71390	.02112
Stddev	.00370	.00230	.00258	.00215	.00118	.56	.00164	.00013
%RSD	5.4984	4.3533	.42440	30.016	14.666	.48497	.23042	.61863
#1	.06375	-.05208	.60485	-.00510	-.00900	115.29	.71305	.02121
#2	.06707	-.05081	.61000	-.00939	-.00671	116.01	.71286	.02118
#3	.07114	-.05527	.60766	-.00699	-.00834	116.39	.71580	.02097
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	206.13	1.0523	.58890	.45812	299.82	6.3548	146.88
Stddev	.00068	1.07	.0046	.00146	.00184	2.01	.0278	.74
%RSD	60.278	.51974	.43698	.24782	.40238	.66958	.43778	.50474
#1	-.00180	207.36	1.0526	.58723	.45633	302.01	6.3227	146.43
#2	-.00114	205.43	1.0567	.58951	.45802	299.41	6.3699	146.47
#3	-.00044	205.60	1.0475	.58995	.46001	298.06	6.3717	147.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4635	-.03816	20.644	.32701	.89676	24.057	-.00088	.19102
Stddev	.0129	.00020	.082	.00219	.00078	.068	.00043	.00104
%RSD	.19972	.52442	.39661	.66946	.08713	.28285	48.422	.54634
#1	6.4538	-.03793	20.552	.32485	.89611	24.002	-.00057	.19068
#2	6.4781	-.03828	20.675	.32696	.89763	24.036	-.00071	.19220
#3	6.4584	-.03827	20.706	.32922	.89653	24.133	-.00137	.19020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3914	1.9094	.09814	4.0652	.26265	8.079	.29331	.26565
Stddev	.0141	.0127	.00090	.0158	.00148	.031	.00155	.11804
%RSD	.58969	.66526	.91892	.38762	.56331	.3873	.52879	44.433
#1	2.3787	1.9222	.09713	4.0484	.26242	8.045	.29314	.37807
#2	2.3890	1.8968	.09885	4.0675	.26131	8.085	.29185	.27619
#3	2.4066	1.9091	.09846	4.0796	.26424	8.106	.29494	.14270

Sample Name: K3138-06 Acquired: 6/4/2019 16:40:10 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-09-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 200.17
Stddev .75
%RSD .37464

#1 199.32
#2 200.72
#3 200.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.6	55101.	5409.4	57.625	3761.1
Stddev	15.4	183.	57.6	1.532	7.0
%RSD	.36724	.33271	1.0650	2.6578	.18644

#1	4172.7	54949.	5344.6	59.001	3757.6
#2	4189.6	55048.	5429.0	55.975	3756.6
#3	4203.5	55304.	5454.7	57.899	3769.2

Sample Name: K3138-08 Acquired: 6/4/2019 16:44:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-08-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05516	-.04180	.91442	.00920	-.00056	98.158	.79861	.01528
Stddev	.00110	.00203	.00504	.00125	.00077	.443	.00527	.00009
%RSD	1.9926	4.8609	.55123	13.547	137.81	.45163	.65933	.59841
#1	.05531	-.04401	.91593	.01064	.00028	97.811	.79271	.01527
#2	.05617	-.04138	.91853	.00852	-.00073	98.005	.80031	.01538
#3	.05399	-.04001	.90880	.00845	-.00124	98.657	.80282	.01520
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00405	291.61	.30607	.18060	.41104	191.76	5.9819	85.556
Stddev	.00030	1.42	.00306	.00106	.00124	1.53	.0292	.783
%RSD	7.4180	.48698	1.0007	.58561	.30141	.79607	.48867	.91483
#1	-.00396	290.30	.30305	.18009	.41199	190.33	5.9824	84.751
#2	-.00381	291.42	.30599	.18182	.41149	191.59	5.9525	85.602
#3	-.00439	293.12	.30917	.17990	.40964	193.37	6.0109	86.315
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0651	-.02064	25.190	.26490	.78145	24.728	-.00038	.17302
Stddev	.0034	.00017	.174	.00178	.00273	.167	.00020	.00766
%RSD	.32429	.81379	.68948	.67129	.34968	.67425	52.948	4.4298
#1	1.0652	-.02067	25.033	.26675	.78396	24.579	-.00042	.18182
#2	1.0686	-.02046	25.161	.26321	.78186	24.698	-.00056	.16783
#3	1.0617	-.02080	25.376	.26473	.77854	24.908	-.00016	.16940
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5742	3.8014	.02642	3.4600	.26765	9.065	.39947	.56221
Stddev	.0156	.0384	.00084	.0069	.00154	.053	.00055	.53641
%RSD	.60415	1.0105	3.1931	.19791	.57599	.5880	.13722	95.410
#1	2.5640	3.8458	.02548	3.4656	.26874	9.063	.40007	-.05647
#2	2.5921	3.7781	.02712	3.4620	.26833	9.120	.39933	.84599
#3	2.5666	3.7804	.02665	3.4523	.26589	9.014	.39900	.89712

Sample Name: K3138-08 Acquired: 6/4/2019 16:44:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-08-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 107.56
Stddev .56
%RSD .52190

#1 107.59
#2 106.98
#3 108.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4195.8	55051.	5413.6	60.161	3805.0
Stddev	1.7	99.	15.3	1.158	6.2
%RSD	.04154	.17942	.28197	1.9250	.16318

#1	4194.4	55144.	5398.3	61.408	3801.9
#2	4197.8	55063.	5413.8	59.956	3801.0
#3	4195.3	54947.	5428.8	59.119	3812.1

Sample Name: K3138-10 Acquired: 6/4/2019 16:49:15 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-07-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04520	-.04713	.78868	-.00235	-.00697	112.43	.81198	.01840
Stddev	.00300	.00135	.00141	.00248	.00048	.21	.00097	.00012
%RSD	6.6332	2.8666	.17912	105.37	6.9319	.18385	.11970	.63987
#1	.04320	-.04600	.79012	-.00144	-.00685	112.25	.81253	.01832
#2	.04375	-.04677	.78730	-.00046	-.00751	112.38	.81086	.01835
#3	.04864	-.04863	.78863	-.00516	-.00656	112.65	.81255	.01854
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00455	315.96	.90575	.56940	.48006	273.27	6.5582	197.46
Stddev	.00012	1.92	.00224	.00203	.00148	1.74	.0695	.20
%RSD	2.6568	.60830	.24716	.35710	.30831	.63526	1.0604	.10058
#1	-.00469	316.92	.90674	.57050	.47846	274.97	6.6381	197.30
#2	-.00450	313.75	.90319	.56705	.48034	273.33	6.5111	197.40
#3	-.00447	317.21	.90732	.57064	.48138	271.50	6.5255	197.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4579	-.03120	31.527	.26901	.98695	24.121	-.00023	.19259
Stddev	.0087	.00023	.031	.00018	.00167	.044	.00035	.00506
%RSD	.11634	.73589	.09942	.06871	.16963	.18183	152.05	2.6296
#1	7.4663	-.03094	31.560	.26888	.98888	24.154	.00017	.19539
#2	7.4490	-.03138	31.523	.26893	.98585	24.138	-.00041	.18675
#3	7.4584	-.03128	31.497	.26923	.98613	24.071	-.00044	.19564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3947	3.3474	.03597	3.3639	.26977	8.205	.60499	1.5570
Stddev	.0058	.0162	.00114	.0076	.00137	.018	.00782	.1954
%RSD	.24315	.48526	3.1688	.22506	.50846	.2191	1.2925	12.551
#1	2.3885	3.3343	.03728	3.3660	.26945	8.225	.60363	1.3740
#2	2.3955	3.3422	.03532	3.3701	.27128	8.194	.59794	1.5344
#3	2.4000	3.3655	.03530	3.3555	.26859	8.195	.61340	1.7628

Sample Name: K3138-10 Acquired: 6/4/2019 16:49:15 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-07-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 166.93
Stddev	2.73
%RSD	1.6331

#1	165.44
#2	165.27
#3	170.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.2	53401.	5270.9	57.944	3666.4
Stddev	5.9	197.	37.5	.579	5.3
%RSD	.14656	.36875	.71099	1.0001	.14538

#1	4037.9	53175.	5247.0	57.284	3663.6
#2	4027.1	53497.	5314.1	58.369	3672.6
#3	4028.4	53532.	5251.5	58.178	3663.1

Sample Name: K3139-03 Acquired: 6/4/2019 16:53:48 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02094	-.01164	.24180	.00734	.00138	50.553	.17919	.00537
Stddev	.00055	.00023	.00216	.00104	.00093	.283	.00186	.00011
%RSD	2.6292	1.9827	.89281	14.184	67.125	.56073	1.0406	2.1340

#1	.02155	-.01140	.24292	.00620	.00223	50.230	.17704	.00536
#2	.02076	-.01186	.23931	.00759	.00039	50.666	.18037	.00526
#3	.02050	-.01165	.24318	.00823	.00152	50.762	.18016	.00549

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	22.086	.05200	.04037	.14365	96.458	2.2875	14.729
Stddev	.00006	.097	.00010	.00004	.00051	1.150	.0048	.007
%RSD	1.6356	.43879	.19214	.10861	.35466	1.1924	.20907	.04578

#1	-.00354	22.195	.05195	.04042	.14401	95.190	2.2835	14.722
#2	-.00350	22.012	.05194	.04035	.14307	96.750	2.2862	14.733
#3	-.00361	22.049	.05212	.04034	.14388	97.433	2.2928	14.734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07300	-.00653	1.6859	.09606	.51733	2.9872	.00130	.08131
Stddev	.00039	.00027	.0148	.00037	.00065	.0476	.00040	.00555
%RSD	.53587	4.1926	.87892	.38885	.12592	1.5937	30.791	6.8268

#1	.07296	-.00663	1.6688	.09575	.51782	2.9504	.00084	.08543
#2	.07263	-.00622	1.6951	.09596	.51759	2.9701	.00145	.08349
#3	.07341	-.00675	1.6938	.09647	.51659	3.0409	.00159	.07500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24625	1.1413	.00682	1.1108	.07732	2.672	-.05336	1.6468
Stddev	.00492	.0475	.00088	.0440	.00410	.005	.00326	.3879
%RSD	1.9962	4.1631	12.884	3.9626	5.3064	.1710	6.1172	23.555

#1	.24578	1.1960	.00582	1.1616	.08197	2.678	-.04964	1.7955
#2	.25139	1.1102	.00748	1.0883	.07579	2.669	-.05467	1.9383
#3	.24159	1.1176	.00717	1.0826	.07421	2.671	-.05576	1.2065

Sample Name: K3139-03 Acquired: 6/4/2019 16:53:48 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 44.842
 Stddev .227
 %RSD .50703

#1 44.582
 #2 45.004
 #3 44.939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4168.8	54869.	5375.1	67.372	4353.1
Stddev	11.0	175.	227.0	3.758	4.6
%RSD	.26304	.31809	4.2226	5.5780	.10575

#1	4156.3	55071.	5113.6	63.298	4348.2
#2	4176.8	54774.	5490.5	68.114	4354.0
#3	4173.3	54764.	5521.2	70.703	4357.3

Sample Name: CCV05 Acquired: 6/4/2019 16:58:11 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9752	5.0238	4.9414	5.0411	4.9269	9.7120	10.054	.24413
Stddev	.1440	.1184	.1175	.1388	.1457	.0676	.087	.00106
%RSD	2.8936	2.3561	2.3785	2.7529	2.9574	.69609	.86484	.43508
#1	4.8101	4.8871	4.8057	4.8814	4.7588	9.6372	9.9952	.24291
#2	5.0751	5.0939	5.0097	5.1326	5.0174	9.7688	10.154	.24488
#3	5.0402	5.0904	5.0088	5.1092	5.0045	9.7301	10.014	.24459
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5252	25.325	1.0018	2.4731	1.2235	4.9339	2.4755	23.964
Stddev	.0638	.223	.0010	.0652	.0347	.0035	.0009	.285
%RSD	2.5263	.88219	.10469	2.6367	2.8359	.07151	.03586	1.1913
#1	2.4516	25.468	1.0007	2.3978	1.1834	4.9299	2.4752	23.726
#2	2.5608	25.068	1.0027	2.5116	1.2441	4.9353	2.4765	24.280
#3	2.5634	25.440	1.0021	2.5098	1.2429	4.9366	2.4748	23.886
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5054	1.2591	24.600	2.5031	2.4609	24.944	5.0003	4.8188
Stddev	.0615	.0042	.210	.0028	.0628	.259	.1458	.0254
%RSD	2.4546	.33554	.85438	.11038	2.5526	1.0395	2.9156	.52776
#1	2.4344	1.2547	24.467	2.5044	2.3883	24.739	4.8321	4.8062
#2	2.5408	1.2597	24.843	2.5049	2.4966	25.236	5.0907	4.8481
#3	2.5410	1.2631	24.491	2.4999	2.4976	24.858	5.0781	4.8021
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9523	5.0724	4.8540	5.0336	4.9569	5.143	5.1249	F 6.4020
Stddev	.1254	.0772	.1243	.0419	.0400	.123	.0388	.1556
%RSD	2.5319	1.5214	2.5604	.83278	.80785	2.383	.75751	2.4309
#1	4.8076	5.1032	4.7105	5.0579	4.9830	5.002	5.1469	6.5817
#2	5.0204	4.9846	4.9248	4.9852	4.9108	5.220	5.0800	6.3166
#3	5.0290	5.1295	4.9267	5.0577	4.9768	5.207	5.1476	6.3079

Sample Name: CCV05 Acquired: 6/4/2019 16:58:11 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1786
Stddev .1694
%RSD 7.7734

#1 2.3730
#2 2.0633
#3 2.0995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.4	49838.	4712.7	59.913	4157.2
Stddev	94.3	114.	62.2	.453	90.1
%RSD	2.4320	.22792	1.3202	.75557	2.1682

#1	3987.0	49828.	4663.4	59.507	4261.1
#2	3816.7	49730.	4782.6	59.832	4100.1
#3	3831.5	49956.	4692.0	60.401	4110.4

Sample Name: CCB05 Acquired: 6/4/2019 17:02:10 Type: Unk
Method: P4-ICP2(v3172) 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	.00173	.00286	.00261	-.00145	-.00088	.00290	.00316
Stddev	.00150	.00095	.00052	.00342	.00101	.00804	.00030
%RSD	86.284	33.290	20.032	235.10	114.81	277.60	9.6263

#1	.00274	.00324	.00321	-.00137	-.00149	.00632	.00350
#2	.00244	.00357	.00222	-.00492	.00029	.00865	.00292
#3	.00002	.00178	.00241	.00192	-.00144	-.00629	.00306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00029	.03521	.00015	-.00043	-.00185	.00141
Stddev	.00001	.00002	.01494	.00007	.00001	.00015	.00078
%RSD	188.05	8.4185	42.448	48.133	3.3921	7.9708	55.273

#1	-.00002	.00031	.04570	.00023	-.00041	-.00179	.00230
#2	.00001	.00026	.01810	.00015	-.00044	-.00202	.00114
#3	-.00001	.00029	.04182	.00008	-.00043	-.00175	.00081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00086	.00015	.00069	.06685	.00053	-.00012
Stddev	.00003	.03645	.00017	.00003	.00483	.00021	.00003
%RSD	25.752	4261.7	111.23	4.8623	7.2312	40.087	23.130

#1	.00009	-.04075	.00006	.00066	.06134	.00051	-.00010
#2	.00008	.00748	.00035	.00073	.06887	.00075	-.00015
#3	.00013	.03071	.00005	.00069	.07036	.00032	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08006	.00093	-.00474	.00314	.00126	-.00074	.00123
Stddev	.02573	.00030	.01461	.00164	.00142	.00047	.00257
%RSD	32.142	32.015	308.65	52.163	112.89	63.943	208.92

#1	.08246	.00126	.00816	.00502	-.00021	-.00023	-.00137
#2	.10451	.00081	-.02061	.00206	.00137	-.00117	.00128
#3	.05321	.00070	-.00175	.00233	.00263	-.00082	.00378

Sample Name: CCB05 Acquired: 6/4/2019 17:02:10 Type: Unk
Method: P4-ICP2(v3172) 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 .00710	.0012	.00034	F 3.3668	F<.00000
Stddev	.00181	.0008	.00015	.6084	.35778
%RSD	25.427	67.90	45.455	18.072	170.34

#1	.00919	.0013	.00050	3.7968	.16256
#2	.00609	.0004	.00019	3.6331	-.55089
#3	.00603	.0020	.00032	2.6707	-.24179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4026.4	52974.	4747.7	63.335	4637.8
Stddev	1.9	460.	9.5	1.985	11.7
%RSD	.04634	.86746	.19999	3.1342	.25242

#1	4024.4	52630.	4741.3	61.936	4624.8
#2	4028.2	52796.	4758.6	62.461	4641.3
#3	4026.6	53496.	4743.3	65.607	4647.4

Sample Name: K3139-07 Acquired: 6/4/2019 17:06:37 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-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	.01125	-.00816	.02554	.00485	.00111	30.680	.17716	.00389
Stddev	.00089	.00174	.00038	.00062	.00148	.092	.00142	.00011
%RSD	7.9039	21.299	1.4872	12.721	133.46	.29908	.79907	2.7624

#1	.01207	-.00749	.02525	.00471	.00022	30.589	.17553	.00377
#2	.01137	-.01014	.02539	.00553	.00028	30.773	.17789	.00398
#3	.01030	-.00686	.02597	.00432	.00281	30.678	.17805	.00391

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	15.945	.03479	.02813	.06582	71.934	1.2294	8.8294
Stddev	.00004	.007	.00038	.00019	.00049	.354	.0012	.0155
%RSD	1.1127	.04680	1.0965	.67920	.74118	.49163	.09418	.17514

#1	-.00313	15.946	.03482	.02807	.06551	71.529	1.2289	8.8289
#2	-.00319	15.952	.03515	.02798	.06557	72.183	1.2287	8.8141
#3	-.00319	15.937	.03439	.02835	.06638	72.091	1.2308	8.8451

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04015	-.00491	1.2113	.06939	.19607	2.2218	.00083	.06479
Stddev	.00046	.00045	.0038	.00036	.00047	.0277	.00004	.01388
%RSD	1.1563	9.2234	.31444	.51271	.23779	1.2480	4.6078	21.421

#1	.03961	-.00528	1.2134	.06970	.19587	2.2015	.00081	.04891
#2	.04041	-.00440	1.2135	.06900	.19573	2.2534	.00087	.07087
#3	.04043	-.00504	1.2069	.06948	.19660	2.2105	.00080	.07459

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08300	.90829	.00061	.95681	.04170	2.140	-.05892	1.1832
Stddev	.00155	.02818	.00062	.01079	.00205	.009	.00070	.2048
%RSD	1.8616	3.1030	101.03	1.1278	4.9220	.3959	1.1801	17.312

#1	.08392	.93992	.00099	.96887	.04195	2.131	-.05812	.96846
#2	.08387	.89912	.00095	.94805	.03953	2.143	-.05937	1.3764
#3	.08122	.88584	-.00010	.95352	.04361	2.147	-.05928	1.2046

Sample Name: K3139-07 Acquired: 6/4/2019 17:06:37 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.951
Stddev	.650
%RSD	1.9714

#1	33.700
#2	32.531
#3	32.624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4272.6	56071.	5125.4	63.620	4464.3
Stddev	3.9	175.	38.0	2.491	4.5
%RSD	.09028	.31250	.74145	3.9157	.09995

#1	4269.8	56264.	5081.8	61.063	4459.3
#2	4277.0	55921.	5151.7	66.040	4465.4
#3	4270.9	56028.	5142.6	63.757	4468.0

Sample Name: K3139-07DUP Acquired: 6/4/2019 17:11:07 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01203	-.00933	.02712	.00268	-.00076	30.479	.17744	.00378
Stddev	.00164	.00154	.00050	.00235	.00165	.164	.00084	.00003
%RSD	13.674	16.531	1.8528	87.965	218.23	.53933	.47255	.72120

#1	.01030	-.00781	.02714	.00051	-.00009	30.423	.17739	.00381
#2	.01358	-.01090	.02761	.00518	.00046	30.350	.17663	.00378
#3	.01220	-.00928	.02660	.00234	-.00263	30.664	.17831	.00376

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	15.861	.03518	.02862	.06610	71.648	1.2372	8.8006
Stddev	.00007	.066	.00016	.00027	.00031	.315	.0012	.0726
%RSD	2.3017	.41785	.45494	.95179	.46792	.43944	.09748	.82480

#1	-.00303	15.799	.03499	.02837	.06587	71.428	1.2370	8.7589
#2	-.00298	15.853	.03527	.02891	.06645	71.508	1.2385	8.8845
#3	-.00289	15.931	.03527	.02860	.06599	72.009	1.2361	8.7586

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04099	-.00449	1.1949	.06954	.19852	2.2247	.00073	.06492
Stddev	.00020	.00019	.0005	.00074	.00017	.0498	.00039	.01707
%RSD	.48398	4.1680	.04517	1.0621	.08336	2.2407	52.983	26.297

#1	.04119	-.00440	1.1943	.07039	.19847	2.1959	.00078	.07975
#2	.04079	-.00471	1.1952	.06904	.19839	2.2822	.00109	.06876
#3	.04098	-.00438	1.1953	.06920	.19871	2.1959	.00032	.04626

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08210	.79874	.00026	.95183	.03882	2.158	-.05870	1.8247
Stddev	.00313	.00281	.00082	.00600	.00091	.004	.00036	.5249
%RSD	3.8097	.35237	313.90	.63085	2.3440	.1663	.61941	28.767

#1	.07849	.79958	-.00035	.94695	.03942	2.160	-.05869	1.5379
#2	.08404	.80104	.00119	.95854	.03927	2.154	-.05834	2.4306
#3	.08377	.79560	-.00006	.95001	.03777	2.160	-.05906	1.5057

Sample Name: K3139-07DUP Acquired: 6/4/2019 17:11:07 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-DDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	33.274
Stddev	.409
%RSD	1.2296

#1	33.746
#2	33.020
#3	33.055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4264.3	56256.	5175.9	65.384	4455.5
Stddev	9.0	80.	13.7	1.055	3.8
%RSD	.21094	.14267	.26454	1.6127	.08465

#1	4274.7	56272.	5190.6	64.241	4455.2
#2	4258.9	56327.	5173.4	66.319	4451.9
#3	4259.3	56169.	5163.5	65.593	4459.5

Sample Name: K3139-07LX5 Acquired: 6/4/2019 17:15:36 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	-.00066	.00693	.00043	-.00010	6.6302	.04074	.00081
Stddev	.00181	.00197	.00067	.00211	.00128	.0147	.00055	.00008
%RSD	48.606	300.47	9.6256	487.61	1280.7	.22147	1.3404	9.8044

#1	.00173	-.00005	.00631	.00244	-.00156	6.6186	.04011	.00077
#2	.00420	.00094	.00764	-.00176	.00083	6.6467	.04109	.00076
#3	.00526	-.00286	.00685	.00061	.00043	6.6254	.04101	.00090

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	3.5575	.00775	.00554	.01281	16.173	.26924	1.9048
Stddev	.00001	.0089	.00027	.00016	.00019	.025	.00056	.0648
%RSD	2.2237	.24925	3.4988	2.8692	1.4992	.15370	.20886	3.3995

#1	-.00058	3.5473	.00762	.00568	.01300	16.167	.26965	1.8419
#2	-.00061	3.5627	.00807	.00537	.01280	16.200	.26947	1.9712
#3	-.00060	3.5626	.00757	.00557	.01262	16.152	.26860	1.9014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00824	-.00070	.29030	.01517	.03933	.50715	.00057	.01444
Stddev	.00002	.00054	.01709	.00061	.00024	.02796	.00043	.00667
%RSD	.23996	77.000	5.8858	4.0005	.60783	5.5123	75.529	46.199

#1	.00822	-.00055	.27155	.01481	.03927	.50672	.00062	.02107
#2	.00825	-.00026	.30499	.01484	.03912	.53532	.00098	.01451
#3	.00825	-.00131	.29437	.01588	.03959	.47941	.00012	.00773

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01799	.23099	-.00035	.20548	.01216	.4368	-.01315	4.0618
Stddev	.00341	.00928	.00033	.00251	.00128	.0020	.00010	.1837
%RSD	18.938	4.0169	92.667	1.2216	10.536	.4613	.76508	4.5217

#1	.01995	.22795	-.00070	.20483	.01259	.4372	-.01319	4.2706
#2	.01406	.24141	-.00005	.20825	.01071	.4346	-.01304	3.9252
#3	.01996	.22362	-.00031	.20336	.01316	.4385	-.01323	3.9897

Sample Name: K3139-07LX5 Acquired: 6/4/2019 17:15:36 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.7714
 Stddev .0808
 %RSD 1.1925

#1 6.7027
 #2 6.7511
 #3 6.8604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4089.9	53620.	4911.6	64.374	4561.2
Stddev	12.8	200.	40.5	.600	13.0
%RSD	.31293	.37252	.82542	.93138	.28398

#1	4076.5	53414.	4870.2	64.566	4547.4
#2	4101.9	53633.	4913.4	64.855	4573.0
#3	4091.2	53813.	4951.2	63.702	4563.1

Sample Name: K3139-07MS Acquired: 6/4/2019 17:20:01 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DMS 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	.75925	2.0899	1.0343	1.9046	.37441	34.119	.36645	.18699	.20170
Stddev	.00084	.0049	.0036	.0070	.00072	.268	.00137	.00017	.00107
%RSD	.11103	.23382	.34412	.36560	.19114	.78488	.37253	.09228	.53109

#1	.76023	2.0849	1.0308	1.9118	.37498	33.896	.36499	.18714	.20097
#2	.75881	2.0947	1.0379	1.8979	.37464	34.043	.36770	.18702	.20293
#3	.75873	2.0900	1.0341	1.9042	.37361	34.416	.36667	.18680	.20119

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.000	.42614	.23423	.35794	68.687	1.4458	10.965	.56240	.06613
Stddev	.027	.00218	.00101	.00112	.140	.0019	.044	.00107	.00066
%RSD	.17105	.51207	.43162	.31253	.20426	.12795	.40006	.19079	.99568

#1	15.994	.42591	.23310	.35885	68.842	1.4466	10.971	.56207	.06563
#2	15.976	.42408	.23453	.35669	68.569	1.4436	11.005	.56154	.06688
#3	16.030	.42842	.23506	.35828	68.650	1.4470	10.918	.56360	.06590

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	4.0328	.35337	.39449	11.389	.37765	.31798	.06490	1.1050	.66496
Stddev	.0143	.00018	.00095	.084	.00215	.01427	.00309	.0024	.00368
%RSD	.35345	.05171	.24162	.73935	.56953	4.4883	4.7565	.21261	.55373

#1	4.0452	.35332	.39447	11.295	.37767	.32585	.06198	1.1074	.66321
#2	4.0172	.35357	.39546	11.456	.37549	.32659	.06460	1.1027	.66248
#3	4.0360	.35321	.39355	11.417	.37979	.30151	.06813	1.1049	.66919

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0525	.23891	7.839	.14653	2.0567	34.286
Stddev	.0077	.00280	.005	.00108	.1466	.448
%RSD	.72986	1.1710	.0658	.73707	7.1301	1.3078

#1	1.0438	.23799	7.834	.14553	2.0521	33.822
#2	1.0556	.23668	7.841	.14638	1.9124	34.318
#3	1.0581	.24205	7.843	.14767	2.2056	34.717

Sample Name: K3139-07MS Acquired: 6/4/2019 17:20:01 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-DMS 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	4214.8	55422.	5066.1	63.411	4388.8
Stddev	11.6	63.	22.4	1.772	6.2
%RSD	.27639	.11409	.44271	2.7938	.14084
#1	4202.5	55400.	5087.4	64.217	4385.6
#2	4225.7	55494.	5068.1	64.636	4384.8
#3	4216.3	55373.	5042.7	61.380	4395.9

Sample Name: K3139-07MSD Acquired: 6/4/2019 17:24:15 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DMSD 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	.75289	2.0742	1.0287	1.8919	.37233	33.796	.36276	.18635	.20077
Stddev	.00450	.0066	.0052	.0052	.00192	.049	.00188	.00023	.00003
%RSD	.59821	.31853	.50607	.27634	.51693	.14451	.51822	.12531	.01304
#1	.74769	2.0706	1.0268	1.8928	.37429	33.748	.36111	.18660	.20075
#2	.75531	2.0818	1.0346	1.8966	.37045	33.846	.36481	.18615	.20080
#3	.75566	2.0702	1.0247	1.8863	.37225	33.793	.36235	.18629	.20077
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.873	.42466	.23286	.35664	68.007	1.4469	10.876	.55929	.06520
Stddev	.037	.00037	.00104	.00040	.128	.0015	.117	.00069	.00047
%RSD	.23415	.08709	.44748	.11185	.18784	.10542	1.0736	.12407	.71667
#1	15.852	.42461	.23320	.35696	67.901	1.4452	10.764	.55900	.06473
#2	15.850	.42506	.23369	.35619	67.971	1.4475	10.997	.56008	.06566
#3	15.915	.42432	.23169	.35675	68.149	1.4480	10.869	.55879	.06522
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	4.0221	.35408	.39195	11.345	.37513	.31139	.06808	1.0523	.66140
Stddev	.0279	.00142	.00168	.064	.00156	.01177	.00376	.0059	.00358
%RSD	.69344	.40146	.42843	.55972	.41599	3.7795	5.5262	.56467	.54146
#1	4.0000	.35291	.39270	11.354	.37553	.31213	.07036	1.0485	.66067
#2	4.0535	.35368	.39312	11.403	.37645	.32278	.06373	1.0494	.66530
#3	4.0129	.35566	.39002	11.277	.37340	.29927	.07013	1.0592	.65825
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.0419	.23929	7.781	.14611	2.2706	33.780			
Stddev	.0052	.00197	.035	.00034	.4416	.129			
%RSD	.50065	.82239	.4550	.23522	19.450	.38278			
#1	1.0413	.23840	7.800	.14629	2.2863	33.664			
#2	1.0370	.23793	7.802	.14571	1.8213	33.919			
#3	1.0474	.24155	7.740	.14633	2.7042	33.757			

Sample Name: K3139-07MSD Acquired: 6/4/2019 17:24:15 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DMSD 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	4201.4	55406.	5072.7	63.261	4383.9
Stddev	11.2	187.	38.0	.421	9.5
%RSD	.26714	.33794	.74940	.66533	.21721
#1	4188.4	55277.	5042.4	63.650	4375.0
#2	4208.3	55320.	5115.3	63.319	4382.9
#3	4207.4	55621.	5060.3	62.814	4393.9

Sample Name: K3139-07A Acquired: 6/4/2019 17:28:28 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76533	2.0929	1.0366	1.9162	.37486	33.568	.36584	.18750	.20251
Stddev	.00445	.0025	.0018	.0013	.00161	.153	.00108	.00070	.00053
%RSD	.58184	.11779	.16994	.06809	.42853	.45590	.29559	.37503	.26208
#1	.76644	2.0937	1.0360	1.9147	.37522	33.544	.36505	.18669	.20294
#2	.76912	2.0948	1.0385	1.9166	.37626	33.428	.36540	.18789	.20267
#3	.76043	2.0901	1.0352	1.9173	.37310	33.731	.36707	.18792	.20191
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.992	.42431	.23507	.35712	68.556	1.4604	10.905	.56497	.06579
Stddev	.077	.00128	.00028	.00085	.565	.0035	.128	.00057	.00032
%RSD	.48009	.30119	.11883	.23748	.82485	.23804	1.1743	.10087	.48126
#1	16.022	.42366	.23540	.35729	68.895	1.4567	10.850	.56511	.06544
#2	15.904	.42349	.23492	.35621	67.904	1.4610	10.813	.56434	.06606
#3	16.049	.42578	.23491	.35788	68.871	1.4636	11.051	.56546	.06587
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	4.0426	.35348	.39557	11.457	.37849	.31147	.06672	1.0619	.66697
Stddev	.0192	.00163	.00058	.015	.00027	.00814	.00419	.0098	.00143
%RSD	.47533	.46023	.14586	.12788	.07040	2.6150	6.2784	.92509	.21410
#1	4.0205	.35183	.39530	11.453	.37818	.30267	.06821	1.0708	.66743
#2	4.0552	.35508	.39517	11.445	.37866	.31298	.06996	1.0634	.66537
#3	4.0522	.35352	.39623	11.474	.37863	.31875	.06199	1.0513	.66812
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.0374	.23458	7.869	.14514	3.2459	34.718			
Stddev	.0066	.00150	.006	.00130	.3864	.587			
%RSD	.63663	.64143	.0748	.89602	11.905	1.6899			
#1	1.0298	.23569	7.869	.14422	2.8784	35.358			
#2	1.0411	.23287	7.875	.14663	3.6488	34.206			
#3	1.0413	.23518	7.864	.14457	3.2105	34.590			

Sample Name: K3139-07A Acquired: 6/4/2019 17:28:28 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW 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	4204.3	55642.	5128.8	64.388	4379.2
Stddev	6.0	309.	12.6	1.429	4.6
%RSD	.14157	.55447	.24471	2.2189	.10524
#1	4211.1	55513.	5127.9	64.340	4384.2
#2	4200.3	55994.	5141.7	65.840	4375.2
#3	4201.4	55418.	5116.7	62.984	4378.1

Sample Name: K2433-01 Acquired: 6/4/2019 17:32:41 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06458	-.00843	.06759	.00709	.00128	129.69	.14310	.00594
Stddev	.00315	.00137	.00077	.00125	.00137	.39	.00034	.00012
%RSD	4.8830	16.230	1.1436	17.626	107.18	.30019	.24062	2.0476

#1	.06152	-.00804	.06762	.00703	.00234	129.41	.14272	.00601
#2	.06782	-.00995	.06680	.00837	.00177	129.52	.14338	.00602
#3	.06441	-.00730	.06835	.00588	-.00027	130.13	.14320	.00580

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00664	23.758	.15331	.00724	.10125	135.48	.11753	.75530
Stddev	.00024	.254	.00149	.00020	.00099	1.65	.00037	.05459
%RSD	3.6674	1.0687	.97252	2.8290	.97386	1.2153	.31063	7.2270

#1	-.00668	23.838	.15202	.00737	.10188	135.89	.11712	.81535
#2	-.00687	23.962	.15494	.00701	.10012	136.89	.11779	.70869
#3	-.00638	23.474	.15296	.00735	.10177	133.67	.11770	.74186

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03444	-.00985	1.6701	.34801	.11450	1.4968	.01055	.09063
Stddev	.00035	.00017	.0062	.00126	.00113	.0097	.00028	.01582
%RSD	1.0239	1.7511	.37226	.36344	.98404	.65078	2.6184	17.458

#1	.03428	-.00968	1.6718	.34655	.11577	1.5075	.01086	.10224
#2	.03419	-.00985	1.6632	.34876	.11361	1.4946	.01047	.09704
#3	.03484	-.01003	1.6753	.34871	.11413	1.4883	.01033	.07261

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5647	8.2260	.00511	.73005	.02237	1.381	-.13942	2.8254
Stddev	.0158	.0754	.00040	.00545	.00064	.007	.00175	.1741
%RSD	1.0111	.91685	7.8323	.74630	2.8663	.5054	1.2550	6.1607

#1	1.5817	8.2085	.00557	.72865	.02211	1.387	-.13994	2.7440
#2	1.5618	8.3087	.00490	.73607	.02310	1.382	-.14086	2.7070
#3	1.5504	8.1609	.00484	.72544	.02190	1.373	-.13748	3.0253

Sample Name: K2433-01 Acquired: 6/4/2019 17:32:41 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	66.371
Stddev	1.192
%RSD	1.7955

#1	65.014
#2	66.853
#3	67.246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4139.4	53796.	5057.5	63.646	4361.5
Stddev	12.0	205.	46.6	1.960	4.4
%RSD	.28981	.38177	.92101	3.0794	.10010

#1	4125.7	53632.	5063.1	65.489	4357.9
#2	4148.3	53731.	5008.4	61.587	4360.3
#3	4144.1	54026.	5101.1	63.862	4366.4

Sample Name: K3150-01 Acquired: 6/4/2019 17:37:15 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IRONBOUND-TP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27193	-.01392	.40625	.00986	.00128	95.143	1.1751	.00966
Stddev	.00152	.00190	.00226	.00197	.00120	.373	.0046	.00016
%RSD	.55862	13.633	.55621	19.973	93.824	.39190	.38793	1.6122

#1	.27031	-.01255	.40530	.01213	-.00007	94.742	1.1701	.00983
#2	.27332	-.01313	.40463	.00880	.00166	95.207	1.1762	.00953
#3	.27218	-.01609	.40883	.00864	.00223	95.479	1.1790	.00961

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00262	95.219	.11067	.10358	.32956	132.61	4.4154	42.660
Stddev	.00014	.673	.00066	.00062	.00127	.76	.0040	.322
%RSD	5.2218	.70627	.59360	.59422	.38557	.57057	.09123	.75548

#1	-.00269	95.996	.11124	.10298	.32815	133.25	4.4155	42.401
#2	-.00246	94.843	.10995	.10421	.32992	131.77	4.4195	42.559
#3	-.00271	94.819	.11082	.10354	.33061	132.81	4.4114	43.021

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19251	-.00965	2.6330	.19924	1.2733	13.069	-.00064	.11526
Stddev	.00129	.00032	.0192	.00144	.0022	.119	.00014	.00454
%RSD	.66953	3.3494	.72937	.72327	.17518	.90783	21.789	3.9372

#1	.19145	-.00946	2.6111	.19997	1.2742	12.966	-.00049	.12049
#2	.19213	-.00945	2.6409	.19758	1.2749	13.043	-.00077	.11245
#3	.19394	-.01002	2.6471	.20016	1.2707	13.199	-.00066	.11284

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54133	4.1139	.01613	1.1215	.18333	6.537	.21019	1.4708
Stddev	.00561	.0556	.00050	.0060	.00110	.034	.00255	.3223
%RSD	1.0371	1.3522	3.1131	.53165	.59820	.5137	1.2140	21.913

#1	.54692	4.1761	.01633	1.1269	.18393	6.503	.21193	1.4993
#2	.54137	4.0965	.01555	1.1226	.18399	6.539	.21137	1.7779
#3	.53569	4.0691	.01650	1.1151	.18206	6.570	.20726	1.1352

Sample Name: K3150-01 Acquired: 6/4/2019 17:37:15 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IRONBOUND-TP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	69.760
Stddev	.384
%RSD	.55042

#1	69.493
#2	69.588
#3	70.200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4284.7	55998.	5353.8	60.343	4074.2
Stddev	4.4	140.	73.1	1.442	7.7
%RSD	.10372	.25073	1.3655	2.3891	.18806

#1	4280.4	55844.	5274.6	58.999	4075.3
#2	4284.4	56030.	5368.0	60.164	4066.0
#3	4289.3	56120.	5418.7	61.866	4081.2

Sample Name: K3165-01 Acquired: 6/4/2019 17:41:42 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-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	.01963	-.00382	.12718	.00544	-.00364	29.886	.63221	.06972
Stddev	.00199	.00137	.00051	.00271	.00146	.061	.00034	.00015
%RSD	10.150	35.894	.40435	49.791	40.197	.20320	.05382	.21596

#1	.01734	-.00227	.12675	.00685	-.00395	29.822	.63181	.06959
#2	.02059	-.00487	.12705	.00232	-.00204	29.893	.63241	.06969
#3	.02097	-.00432	.12775	.00716	-.00491	29.943	.63240	.06989

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01082	128.03	.09229	.23501	.01964	39.352	1.7511	47.935
Stddev	.00005	.57	.00083	.00090	.00007	.125	.0025	.225
%RSD	.48843	.44601	.89868	.38114	.37166	.31836	.14456	.46847

#1	.01079	127.71	.09205	.23456	.01960	39.487	1.7483	47.975
#2	.01080	127.69	.09161	.23443	.01959	39.239	1.7533	47.693
#3	.01089	128.69	.09322	.23604	.01972	39.331	1.7515	48.136

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16581	-.00457	4.4222	.31484	.47512	12.976	.00321	.02369
Stddev	.00040	.00040	.0095	.00068	.00074	.016	.00022	.01081
%RSD	.24075	8.8583	.21428	.21584	.15485	.12278	6.7474	45.632

#1	.16617	-.00470	4.4157	.31459	.47547	12.990	.00332	.01316
#2	.16590	-.00490	4.4179	.31561	.47428	12.980	.00335	.03477
#3	.16538	-.00412	4.4331	.31433	.47562	12.958	.00296	.02315

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7651	.45961	.00347	.09911	.03299	F 56.94	.41372	<.00000
Stddev	.0097	.00376	.00119	.00187	.00176	.14	.00222	.45221
%RSD	.54983	.81855	34.320	1.8859	5.3277	.2441	.53778	5.5134

#1	1.7706	.46046	.00374	.09982	.03268	57.10	.41355	-8.2534
#2	1.7539	.46287	.00450	.09699	.03142	56.87	.41159	-7.7262
#3	1.7709	.45549	.00217	.10052	.03489	56.85	.41603	-8.6262

Sample Name: K3165-01 Acquired: 6/4/2019 17:41:42 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 29.411
 Stddev .390
 %RSD 1.3251

#1 29.861
 #2 29.173
 #3 29.198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5465.1	71843.	6800.2	59.836	3991.4
Stddev	4.1	122.	32.0	1.768	8.7
%RSD	.07470	.16928	.47085	2.9546	.21909

#1	5460.4	71702.	6792.3	60.696	3981.3
#2	5467.1	71913.	6835.4	61.009	3995.9
#3	5467.8	71913.	6772.9	57.802	3996.9

Sample Name: K3165-02 Acquired: 6/4/2019 17:46:02 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13860 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00067	.00470	-.00255	-.00010	.64172	.01208	.00009
Stddev	.00167	.00220	.00043	.00204	.00067	.00682	.00065	.00006
%RSD	229.61	326.97	9.1757	79.854	686.92	1.0620	5.4203	65.954

#1	-.00089	-.00026	.00424	-.00211	.00055	.63452	.01162	.00014
#2	.00062	.00318	.00509	-.00077	-.00079	.64258	.01180	.00010
#3	.00244	-.00090	.00478	-.00478	-.00005	.64807	.01283	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	1.6288	.00491	.00012	.00517	1.2404	.02448	.79591
Stddev	.00002	.0184	.00046	.00033	.00030	.0009	.00004	.04979
%RSD	8.1915	1.1294	9.4410	283.37	5.8549	.07484	.16828	6.2558

#1	.00029	1.6089	.00517	-.00004	.00549	1.2410	.02451	.74328
#2	.00027	1.6453	.00518	.00050	.00512	1.2408	.02449	.84226
#3	.00032	1.6320	.00437	-.00010	.00489	1.2393	.02443	.80221

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	.00067	1.7335	.00319	.78427	.93467	.00592	.00811
Stddev	.00012	.00018	.0165	.00007	.00155	.03471	.00014	.01000
%RSD	5.8087	27.239	.95106	2.0678	.19714	3.7133	2.3000	123.28

#1	.00214	.00078	1.7154	.00314	.78291	.92096	.00577	-.00343
#2	.00196	.00077	1.7476	.00327	.78395	.97414	.00604	.01350
#3	.00220	.00046	1.7376	.00317	.78595	.90891	.00595	.01425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3445	1.4019	.00064	.02338	.00544	.4510	.00440	5.0846
Stddev	.0026	.0026	.00055	.00227	.00196	.0005	.00008	.1514
%RSD	.11044	.18786	86.164	9.7149	35.958	.1153	1.7486	2.9768

#1	2.3465	1.4003	.00126	.02458	.00764	.4504	.00432	5.2149
#2	2.3416	1.4004	.00024	.02076	.00478	.4513	.00447	4.9186
#3	2.3453	1.4049	.00041	.02480	.00390	.4513	.00441	5.1202

Sample Name: K3165-02 Acquired: 6/4/2019 17:46:02 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13860 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .59129
 Stddev .52106
 %RSD 88.123

#1 1.1576
 #2 .13213
 #3 .48414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4030.8	54126.	4877.8	65.523	4613.6
Stddev	7.6	116.	29.9	1.182	2.8
%RSD	.18965	.21411	.61268	1.8043	.05981

#1	4025.2	54003.	4843.3	64.277	4610.7
#2	4027.7	54141.	4895.7	66.630	4613.7
#3	4039.5	54233.	4894.3	65.661	4616.2

Sample Name: CCV06 Acquired: 6/4/2019 17:50:24 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0433	5.1326	5.0292	5.1089	4.9858	9.8049	10.094	.24428
Stddev	.0103	.0104	.0103	.0158	.0030	.1031	.077	.00030
%RSD	.20450	.20270	.20511	.31000	.06071	1.0510	.75983	.12318
#1	5.0474	5.1241	5.0177	5.1267	4.9888	9.7148	10.006	.24411
#2	5.0509	5.1296	5.0377	5.1040	4.9858	9.7828	10.146	.24410
#3	5.0315	5.1442	5.0322	5.0962	4.9827	9.9173	10.130	.24463
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5664	25.569	1.0062	2.5183	1.2383	4.9546	2.4900	23.949
Stddev	.0059	.185	.0019	.0069	.0013	.0097	.0035	.233
%RSD	.23124	.72299	.18579	.27238	.10103	.19619	.14048	.97380
#1	2.5602	25.456	1.0060	2.5105	1.2387	4.9650	2.4929	23.734
#2	2.5720	25.468	1.0044	2.5229	1.2392	4.9458	2.4861	23.916
#3	2.5669	25.782	1.0081	2.5216	1.2368	4.9530	2.4910	24.197
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5583	1.2641	24.699	2.5233	2.5000	25.023	5.1096	4.8438
Stddev	.0052	.0035	.188	.0005	.0050	.227	.0072	.0349
%RSD	.20377	.28043	.76306	.02094	.19859	.90738	.14131	.72008
#1	2.5530	1.2682	24.485	2.5239	2.4947	24.780	5.1062	4.8056
#2	2.5634	1.2621	24.840	2.5231	2.5045	25.230	5.1179	4.8515
#3	2.5585	1.2620	24.772	2.5229	2.5008	25.059	5.1047	4.8741
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0266	5.0610	4.9448	5.0529	4.9618	5.248	5.2076	F 6.8488
Stddev	.0057	.0290	.0080	.0164	.0019	.007	.0099	.1373
%RSD	.11356	.57397	.16156	.32382	.03918	.1294	.18985	2.0052
#1	5.0225	5.0895	4.9373	5.0343	4.9605	5.255	5.1986	7.0024
#2	5.0331	5.0314	4.9532	5.0592	4.9640	5.241	5.2182	6.8064
#3	5.0242	5.0620	4.9438	5.0651	4.9608	5.248	5.2060	6.7377

Sample Name: CCV06 Acquired: 6/4/2019 17:50:24 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15056 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6199
Stddev	.2986
%RSD	18.432

#1	1.7898
#2	1.2751
#3	1.7947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.1	50046.	4715.5	62.701	4115.3
Stddev	6.9	132.	41.0	.665	7.5
%RSD	.17981	.26344	.86979	1.0603	.18138

#1	3845.4	49894.	4668.4	63.467	4121.6
#2	3841.2	50117.	4735.1	62.365	4107.0
#3	3854.7	50126.	4743.0	62.271	4117.2

Sample Name: CCB06 Acquired: 6/4/2019 17:58:29 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15056 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	.00037	.00164	.00040	-.00123	.01573	.00296	.00001
Stddev	.00186	.00075	.00110	.00291	.00099	.01059	.00029	.00004
%RSD	53.450	204.43	66.919	733.03	80.739	67.337	9.7302	643.80
#1	.00199	-.00031	.00260	-.00028	-.00224	.00941	.00325	-.00002
#2	.00558	.00118	.00045	-.00212	-.00120	.00982	.00268	-.00000
#3	.00289	.00023	.00186	.00359	-.00025	.02795	.00293	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.01845	.00063	-.00038	-.00218	.00074	.00004	-.04171
Stddev	.00003	.02662	.00035	.00002	.00018	.00071	.00001	.01795
%RSD	11.143	144.29	56.343	5.4643	8.1192	96.524	23.581	43.041
#1	.00031	.04233	.00053	-.00037	-.00202	.00135	.00005	-.02320
#2	.00025	.02326	.00033	-.00036	-.00237	-.00005	.00003	-.05905
#3	.00028	-.01025	.00102	-.00040	-.00216	.00092	.00004	-.04289
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00096	.08584	.00010	-.00034	.13332	.00063	-.00808
Stddev	.00032	.00012	.00172	.00043	.00007	.02122	.00013	.00853
%RSD	186.14	12.624	2.0039	423.63	20.200	15.917	20.217	105.61
#1	.00041	.00109	.08749	-.00036	-.00026	.13871	.00071	.00049
#2	.00029	.00091	.08598	.00017	-.00038	.15132	.00048	-.00816
#3	-.00019	.00087	.08406	.00049	-.00039	.10992	.00071	-.01657
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00042	.00015	.00050	F .00979	.0015	.00040	F 4.0950
Stddev	.00279	.00208	.00039	.00015	.00152	.0011	.00009	.1874
%RSD	248.84	492.33	268.13	29.621	15.572	72.05	22.010	4.5769
#1	-.00282	-.00261	-.00029	.00067	.00918	.0019	.00042	4.0486
#2	-.00265	-.00020	.00048	.00041	.01152	.0025	.00047	4.3012
#3	.00210	.00154	.00025	.00042	.00866	.0003	.00030	3.9351

Sample Name: CCB06 Acquired: 6/4/2019 17:58:29 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15056 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .36417
Stddev	.57058
%RSD	156.68

#1	.66462
#2	-.29386
#3	.72173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.2	52404.	4736.4	62.315	4617.4
Stddev	7.2	251.	11.9	1.413	10.3
%RSD	.17874	.47815	.25092	2.2674	.22202

#1	4001.6	52229.	4748.9	62.882	4607.1
#2	4015.8	52691.	4725.3	60.707	4627.6
#3	4007.2	52291.	4735.0	63.357	4617.5

Sample Name: K3165-03 Acquired: 6/4/2019 18:02:58 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30268 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00108	.17440	.00222	.04589	2.4041	.17254	.00062
Stddev	.00100	.00040	.00055	.00295	.00074	.0125	.00107	.00006
%RSD	160.56	37.194	.31669	132.80	1.6044	.51938	.61866	9.8409

#1	.00024	-.00152	.17468	-.00092	.04560	2.4104	.17172	.00061
#2	.00175	-.00094	.17476	.00265	.04535	2.4122	.17375	.00068
#3	-.00013	-.00076	.17376	.00494	.04673	2.3897	.17216	.00056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	12.276	.01873	.02856	.09676	11.330	.11004	2.2208
Stddev	.00007	.029	.00023	.00023	.00036	.015	.00022	.0205
%RSD	4.3311	.23551	1.2079	.78790	.37255	.13116	.19661	.92237

#1	.00148	12.259	.01899	.02881	.09636	11.347	.11028	2.2439
#2	.00159	12.259	.01866	.02838	.09706	11.323	.10994	2.2137
#3	.00148	12.309	.01856	.02849	.09686	11.319	.10988	2.2048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05967	.00015	5.4741	.00840	4.4286	1.1780	.14495	.03829
Stddev	.00045	.00045	.0386	.00021	.0130	.0219	.00040	.00494
%RSD	.74965	310.58	.70420	2.5032	.29296	1.8601	.27737	12.899

#1	.05917	.00065	5.4699	.00834	4.4429	1.1947	.14474	.03914
#2	.05983	.00003	5.5145	.00864	4.4252	1.1532	.14541	.03298
#3	.06002	-.00024	5.4377	.00823	4.4176	1.1863	.14470	.04275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4594	2.0213	.01231	.11859	.01034	1.476	.00859	4.0123
Stddev	.0174	.0254	.00054	.00107	.00096	.008	.00009	.3952
%RSD	.31843	1.2567	4.4150	.90173	9.3226	.5705	1.1037	9.8487

#1	5.4754	2.0367	.01175	.11750	.01102	1.480	.00863	3.5700
#2	5.4620	1.9920	.01235	.11864	.00924	1.481	.00848	4.3306
#3	5.4409	2.0351	.01283	.11964	.01075	1.466	.00866	4.1364

Sample Name: K3165-03 Acquired: 6/4/2019 18:02:58 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30268 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8951
 Stddev .0836
 %RSD 1.4176

#1 5.8696
 #2 5.8273
 #3 5.9885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3988.5	52902.	4860.3	63.433	4531.7
Stddev	11.9	206.	34.6	.912	15.1
%RSD	.29712	.38990	.71095	1.4377	.33272

#1	3979.1	52703.	4839.4	62.382	4516.7
#2	3984.7	52887.	4900.2	64.018	4531.6
#3	4001.8	53115.	4841.3	63.898	4546.9

Sample Name: K3165-04 Acquired: 6/4/2019 18:07:15 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-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	.02189	-.04665	.13246	.00521	.00508	130.36	.51244	.01200
Stddev	.00097	.00062	.00131	.00328	.00107	.66	.00231	.00012
%RSD	4.4211	1.3308	.99256	62.974	21.022	.50383	.45045	1.0151
#1	.02300	-.04653	.13318	.00510	.00418	130.24	.51232	.01188
#2	.02119	-.04733	.13326	.00855	.00626	129.78	.51019	.01213
#3	.02149	-.04611	.13094	.00199	.00480	131.07	.51480	.01200
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	150.52	.10240	.16473	.76292	219.78	2.6153	80.316
Stddev	.00030	.86	.00043	.00018	.00187	1.65	.0026	.350
%RSD	21.471	.57465	.42230	.10972	.24535	.74915	.09879	.43535
#1	-.00122	149.58	.10255	.16491	.76475	218.50	2.6134	79.915
#2	-.00124	150.70	.10191	.16455	.76300	219.20	2.6183	80.554
#3	-.00176	151.28	.10274	.16471	.76100	221.64	2.6142	80.480
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14110	-.02255	29.547	.55608	.96726	10.657	.00708	.42694
Stddev	.00057	.00044	.080	.00127	.00175	.058	.00047	.01526
%RSD	.40709	1.9496	.27201	.22841	.18069	.53998	6.6878	3.5746
#1	.14069	-.02299	29.476	.55505	.96595	10.591	.00654	.41020
#2	.14176	-.02256	29.532	.55568	.96925	10.684	.00732	.44009
#3	.14085	-.02211	29.635	.55750	.96660	10.697	.00739	.43052
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.138	.82535	.00935	3.8804	.09580	F 15.86	.15218	.20464
Stddev	.016	.01529	.00135	.0179	.00288	.01	.00097	.17969
%RSD	.14507	1.8521	14.455	.46138	3.0095	.0872	.63837	87.806
#1	11.119	.80962	.01025	3.8603	.09461	15.86	.15160	.24738
#2	11.148	.84015	.01001	3.8860	.09369	15.87	.15330	.00744
#3	11.146	.82628	.00780	3.8948	.09908	15.84	.15163	.35910

Sample Name: K3165-04 Acquired: 6/4/2019 18:07:15 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 133.76
Stddev 1.27
%RSD .94952

#1 132.64
#2 133.51
#3 135.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4318.6	56617.	5468.4	58.881	3880.3
Stddev	7.5	22.	27.2	.263	8.7
%RSD	.17359	.03954	.49750	.44597	.22356

#1	4310.0	56640.	5494.4	59.180	3885.9
#2	4323.0	56617.	5440.1	58.777	3884.7
#3	4322.9	56595.	5470.7	58.687	3870.3

Sample Name: K3165-04DUP Acquired: 6/4/2019 18:11:43 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01683	-.04827	.13378	.00266	.00419	135.19	.51268	.01234
Stddev	.00436	.00031	.00088	.00439	.00147	1.07	.00434	.00016
%RSD	25.933	.64138	.65811	165.08	35.208	.79282	.84668	1.3196
#1	.01183	-.04813	.13426	-.00180	.00452	134.21	.50938	.01251
#2	.01989	-.04862	.13276	.00697	.00546	135.04	.51108	.01234
#3	.01876	-.04805	.13431	.00280	.00257	136.33	.51760	.01218
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	166.39	.10950	.17403	.80869	236.54	2.8069	88.909
Stddev	.00028	.71	.00047	.00037	.00112	1.90	.0052	1.094
%RSD	9.8042	.42891	.42943	.21471	.13823	.80356	.18671	1.2308
#1	-.00257	165.59	.10915	.17434	.80747	234.71	2.8013	87.885
#2	-.00306	166.59	.11003	.17361	.80967	236.40	2.8077	88.779
#3	-.00306	166.97	.10931	.17413	.80893	238.50	2.8117	90.062
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14267	-.02451	31.639	.61828	1.1721	10.552	.00807	.46921
Stddev	.00092	.00063	.250	.00124	.0014	.112	.00026	.02404
%RSD	.64518	2.5891	.79110	.19992	.11530	1.0594	3.1695	5.1236
#1	.14370	-.02421	31.412	.61764	1.1728	10.456	.00779	.44803
#2	.14237	-.02524	31.599	.61750	1.1730	10.526	.00815	.49534
#3	.14194	-.02408	31.907	.61970	1.1706	10.675	.00828	.46426
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7193	.98559	.01219	4.1907	.10126	F 13.65	.12325	.67655
Stddev	.0138	.02872	.00068	.0283	.00158	.04	.00167	.26461
%RSD	.20508	2.9142	5.5989	.67517	1.5652	.3077	1.3555	39.112
#1	6.7258	.99928	.01283	4.1881	.10071	13.61	.12497	.42130
#2	6.7035	1.0049	.01147	4.1639	.10002	13.67	.12313	.65873
#3	6.7286	.95259	.01228	4.2203	.10305	13.68	.12164	.94961

Sample Name: K3165-04DUP Acquired: 6/4/2019 18:11:43 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 142.26
Stddev	.53
%RSD	.37332

#1	142.21
#2	141.75
#3	142.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4258.2	55860.	5428.3	61.265	3833.2
Stddev	3.6	145.	32.9	1.972	5.2
%RSD	.08340	.25941	.60585	3.2187	.13438

#1	4259.0	55888.	5393.2	62.328	3827.2
#2	4261.2	55989.	5433.4	58.990	3835.5
#3	4254.3	55704.	5458.4	62.478	3836.7

Sample Name: K3165-04LX5 Acquired: 6/4/2019 18:16:07 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	-.00824	.02611	.00724	-.00095	28.801	.11406	.00263
Stddev	.00248	.00066	.00091	.00093	.00143	.262	.00130	.00008
%RSD	39.875	7.9538	3.4955	12.819	150.72	.91121	1.1433	2.8578

#1	.00360	-.00852	.02556	.00796	.00050	29.058	.11541	.00259
#2	.00656	-.00749	.02560	.00619	-.00236	28.534	.11281	.00259
#3	.00853	-.00870	.02716	.00758	-.00100	28.811	.11397	.00272

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00235	38.589	.02387	.03258	.17956	59.703	.61421	18.714
Stddev	.00016	2.286	.00063	.00035	.00099	.399	.00198	.232
%RSD	6.9385	5.9242	2.6400	1.0761	.55279	.66795	.32250	1.2390

#1	-.00223	41.180	.02404	.03219	.18060	59.669	.61586	18.960
#2	-.00254	36.854	.02317	.03285	.17862	59.322	.61201	18.499
#3	-.00229	37.735	.02439	.03272	.17946	60.117	.61476	18.685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02746	-.00341	6.5529	.13228	.19828	2.2680	.00196	.10515
Stddev	.00021	.00066	.0725	.00146	.00036	.0133	.00043	.01336
%RSD	.75885	19.448	1.1067	1.1052	.18169	.58794	21.823	12.702

#1	.02753	-.00370	6.6362	.13390	.19828	2.2772	.00150	.11944
#2	.02763	-.00388	6.5038	.13105	.19791	2.2527	.00235	.09298
#3	.02723	-.00265	6.5189	.13190	.19863	2.2740	.00205	.10303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6428	.20482	.00203	.93367	.02881	2.818	.02591	3.8541
Stddev	.0043	.02459	.00131	.07371	.00165	.007	.00678	.1234
%RSD	.25981	12.006	64.855	7.8950	5.7220	.2614	26.159	3.2011

#1	1.6473	.23066	.00076	1.0184	.03071	2.821	.03370	3.7247
#2	1.6388	.18171	.00194	.88399	.02793	2.810	.02139	3.8673
#3	1.6423	.20207	.00338	.89867	.02779	2.824	.02263	3.9704

Sample Name: K3165-04LX5 Acquired: 6/4/2019 18:16:07 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 25.808
 Stddev 1.008
 %RSD 3.9073

#1 25.800
 #2 24.804
 #3 26.820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.0	52565.	4771.8	61.910	4293.8
Stddev	10.4	96.	313.9	3.806	6.4
%RSD	.25686	.18197	6.5773	6.1484	.14818

#1	4043.3	52596.	4413.4	57.772	4287.5
#2	4054.7	52642.	4997.5	65.262	4293.8
#3	4064.1	52458.	4904.5	62.697	4300.3

Sample Name: K3165-04MS Acquired: 6/4/2019 18:20:34 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66956	1.8716	1.0825	1.6845	.05471	139.71	.68617	.17662
Stddev	.00240	.0035	.0035	.0114	.00207	.62	.00506	.00023
%RSD	.35861	.18667	.32176	.67745	3.7804	.44626	.73711	.13140
#1	.67020	1.8717	1.0804	1.6940	.05708	138.99	.68038	.17674
#2	.67158	1.8750	1.0865	1.6719	.05329	140.10	.68975	.17677
#3	.66691	1.8681	1.0805	1.6878	.05375	140.03	.68837	.17635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19055	155.93	.44482	.36167	.98820	224.19	2.8712	80.752
Stddev	.00026	.61	.00062	.00010	.00146	.74	.0024	.323
%RSD	.13689	.38847	.13873	.02853	.14811	.32805	.08442	.39983
#1	.19025	156.17	.44532	.36170	.98786	224.51	2.8738	80.478
#2	.19062	155.24	.44413	.36156	.98980	224.71	2.8710	81.108
#3	.19076	156.38	.44500	.36176	.98694	223.35	2.8689	80.670
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64003	.04041	32.924	.84087	1.1743	18.531	.30640	.64764
Stddev	.00067	.00092	.101	.00363	.0006	.115	.00025	.01034
%RSD	.10494	2.2759	.30553	.43168	.05447	.61990	.08106	1.5960
#1	.64040	.04141	32.809	.84422	1.1750	18.406	.30616	.65865
#2	.63925	.04019	32.996	.84137	1.1740	18.554	.30666	.63815
#3	.64043	.03961	32.968	.83702	1.1738	18.632	.30639	.64613
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.647	.97446	.62161	4.6784	.28007	F 17.11	.29955	1.8510
Stddev	.030	.03444	.00178	.0147	.00225	.03	.00362	.1672
%RSD	.28376	3.5338	.28635	.31344	.80477	.1541	1.2097	9.0338
#1	10.661	1.0109	.62320	4.6717	.28240	17.14	.30054	2.0126
#2	10.667	.94239	.61969	4.6683	.27790	17.08	.29554	1.8618
#3	10.612	.97014	.62194	4.6952	.27990	17.10	.30258	1.6787

Sample Name: K3165-04MS Acquired: 6/4/2019 18:20:34 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 133.83
Stddev	.86
%RSD	.63947

#1	132.91
#2	134.60
#3	133.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4219.0	55327.	5275.1	59.040	3856.4
Stddev	5.7	124.	54.0	1.013	1.0
%RSD	.13593	.22367	1.0235	1.7163	.02481

#1	4225.4	55184.	5223.8	59.703	3857.4
#2	4217.3	55395.	5331.4	57.874	3856.4
#3	4214.3	55401.	5270.2	59.544	3855.5

Sample Name: K3165-04MSD Acquired: 6/4/2019 18:24:52 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68023	1.8871	1.0979	1.7066	.05519	140.54	.69423	.17810
Stddev	.00371	.0067	.0024	.0007	.00033	.09	.00026	.00040
%RSD	.54577	.35529	.21652	.03978	.60405	.06626	.03710	.22651
#1	.68089	1.8917	1.0954	1.7067	.05509	140.44	.69395	.17857
#2	.68356	1.8794	1.0984	1.7073	.05556	140.63	.69430	.17790
#3	.67623	1.8903	1.1001	1.7059	.05491	140.54	.69445	.17784
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19260	157.80	.44600	.36735	.99744	226.90	2.8775	81.650
Stddev	.00022	.55	.00089	.00092	.00336	1.19	.0064	.283
%RSD	.11565	.34925	.20034	.25072	.33664	.52584	.22316	.34675
#1	.19234	158.38	.44610	.36759	.99512	228.23	2.8818	81.342
#2	.19274	157.28	.44506	.36633	.99590	226.55	2.8701	81.898
#3	.19271	157.75	.44684	.36813	1.0013	225.92	2.8806	81.709
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65121	.04007	33.263	.84820	1.1915	18.808	.30929	.66675
Stddev	.00334	.00101	.035	.00219	.0032	.042	.00093	.00718
%RSD	.51267	2.5170	.10525	.25869	.26589	.22417	.29977	1.0773
#1	.65423	.04018	33.234	.84973	1.1896	18.791	.30959	.67470
#2	.64762	.04101	33.252	.84568	1.1897	18.856	.30825	.66483
#3	.65178	.03901	33.302	.84918	1.1952	18.777	.31002	.66073
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.423	.92828	.62814	4.6832	.28080	F 17.53	.29861	2.1038
Stddev	.006	.01544	.00143	.0111	.00183	.04	.00171	.4335
%RSD	.05819	1.6635	.22754	.23717	.65310	.2441	.57326	20.604
#1	10.417	.94539	.62965	4.6716	.27901	17.56	.29963	2.4617
#2	10.425	.92407	.62797	4.6938	.28072	17.48	.29664	2.2279
#3	10.429	.91538	.62681	4.6843	.28267	17.55	.29957	1.6218

Sample Name: K3165-04MSD Acquired: 6/4/2019 18:24:52 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2MSD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 134.92
 Stddev .61
 %RSD .45071

#1 134.61
 #2 134.53
 #3 135.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4228.5	55235.	5293.2	58.863	3857.9
Stddev	10.6	143.	34.3	1.754	9.6
%RSD	.25160	.25932	.64830	2.9799	.24877

#1	4235.4	55074.	5255.6	57.504	3854.7
#2	4233.8	55280.	5322.7	60.843	3868.6
#3	4216.2	55350.	5301.3	58.241	3850.2

Sample Name: K3165-04A Acquired: 6/4/2019 18:29:10 Type: Unk

Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8274 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68567	1.9053	1.1111	1.7213	.05751	142.45	.70797	.18010
Stddev	.00432	.0042	.0022	.0088	.00304	.58	.00309	.00054
%RSD	.62979	.22213	.20060	.50957	5.2776	.40915	.43576	.30078
#1	.68907	1.9101	1.1137	1.7306	.06086	142.33	.70731	.18007
#2	.68711	1.9023	1.1104	1.7131	.05675	141.93	.70527	.18066
#3	.68081	1.9033	1.1094	1.7203	.05493	143.08	.71133	.17958
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19548	159.03	.44588	.37258	.99993	226.81	2.9033	82.416
Stddev	.00139	.17	.00173	.00195	.00031	1.13	.0006	.173
%RSD	.70966	.10853	.38793	.52386	.03129	.50028	.01878	.21011
#1	.19708	159.08	.44787	.37483	.99987	225.62	2.9030	82.313
#2	.19466	158.83	.44475	.37129	1.0003	226.91	2.9030	82.319
#3	.19470	159.16	.44501	.37163	.99966	227.88	2.9040	82.616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66094	.04064	33.704	.85404	1.2102	19.230	.31117	.65501
Stddev	.00315	.00072	.181	.00063	.0033	.116	.00151	.00805
%RSD	.47668	1.7822	.53653	.07358	.27072	.60134	.48526	1.2291
#1	.66411	.04120	33.755	.85438	1.2129	19.241	.31271	.64626
#2	.65781	.03982	33.504	.85443	1.2066	19.109	.31108	.66211
#3	.66091	.04090	33.854	.85331	1.2112	19.339	.30970	.65666
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.450	.94038	.63626	4.7342	.28257	F 17.85	.30792	2.3772
Stddev	.040	.01464	.00148	.0112	.00072	.03	.00314	.1723
%RSD	.37886	1.5571	.23278	.23745	.25370	.1667	1.0186	7.2493
#1	10.494	.95480	.63782	4.7213	.28220	17.88	.31143	2.2616
#2	10.418	.94082	.63488	4.7412	.28212	17.82	.30691	2.5752
#3	10.437	.92552	.63607	4.7402	.28340	17.86	.30541	2.2946

Sample Name: K3165-04A Acquired: 6/4/2019 18:29:10 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8274 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 138.79
Stddev .69
%RSD .50020

#1 138.09
#2 138.79
#3 139.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4223.3	55293.	5324.4	59.850	3840.5
Stddev	1.5	117.	23.1	.970	5.3
%RSD	.03498	.21073	.43411	1.6206	.13782

#1	4224.5	55267.	5307.7	60.969	3836.6
#2	4221.7	55420.	5314.6	59.238	3846.5
#3	4223.8	55191.	5350.8	59.345	3838.4

Sample Name: K3165-07 Acquired: 6/4/2019 18:33:28 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 51419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00218	.01439	-.00067	.00078	3.7836	.14733	.00025
Stddev	.00029	.00117	.00074	.00112	.00050	.0114	.00113	.00009
%RSD	227.41	53.494	5.1409	167.23	63.913	.30185	.76588	35.891

#1	.00020	-.00259	.01482	.00050	.00125	3.7705	.14606	.00022
#2	-.00036	-.00308	.01354	-.00077	.00082	3.7912	.14770	.00018
#3	-.00022	-.00086	.01482	-.00173	.00026	3.7892	.14823	.00036

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	5.2646	.01237	.00250	.04118	8.1889	.09957	1.7552
Stddev	.00004	.0168	.00016	.00017	.00021	.0237	.00051	.0759
%RSD	10.958	.31899	1.2939	6.9107	.50484	.28975	.51228	4.3249

#1	.00038	5.2837	.01225	.00247	.04099	8.2131	.09949	1.7953
#2	.00037	5.2518	.01230	.00268	.04114	8.1880	.10012	1.6676
#3	.00045	5.2584	.01255	.00234	.04140	8.1657	.09911	1.8026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00694	.00009	3.5111	.01288	.60398	2.3853	.00504	.01423
Stddev	.00030	.00020	.0174	.00021	.00186	.0413	.00022	.01844
%RSD	4.3721	223.40	.49406	1.6487	.30761	1.7306	4.4370	129.64

#1	.00661	-.00013	3.4923	.01301	.60452	2.4081	.00502	.00506
#2	.00700	.00027	3.5146	.01300	.60551	2.3376	.00483	.00216
#3	.00721	.00012	3.5265	.01264	.60191	2.4101	.00528	.03546

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1541	2.0807	.00149	.23161	.00958	.6837	.00494	3.5297
Stddev	.0018	.0194	.00051	.00293	.00210	.0039	.00012	.2980
%RSD	.15680	.93159	33.881	1.2667	21.928	.5673	2.4741	8.4441

#1	1.1556	2.1005	.00202	.23447	.00938	.6859	.00481	3.5594
#2	1.1547	2.0799	.00101	.23175	.00759	.6860	.00505	3.2179
#3	1.1521	2.0618	.00145	.22861	.01178	.6792	.00497	3.8118

Sample Name: K3165-07 Acquired: 6/4/2019 18:33:28 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 51419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.1181
 Stddev .3473
 %RSD 8.4344

#1 4.5104
 #2 3.9942
 #3 3.8497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4043.1	53114.	4867.0	63.266	4562.6
Stddev	9.8	157.	35.2	1.549	8.6
%RSD	.24356	.29599	.72295	2.4482	.18809

#1	4032.6	53040.	4826.5	62.568	4556.2
#2	4052.1	53007.	4884.3	65.041	4559.1
#3	4044.6	53294.	4890.2	62.189	4572.3

Sample Name: K3165-09 Acquired: 6/4/2019 18:37:49 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.1223	k -.30872	k 16.770	k -.86349	k .25312	k 92.287	3.2347
Stddev	.0066	.00194	.061	.00315	.00048	.119	.0025
%RSD	.16029	.62907	.36259	.36422	.19057	.12858	.07662

#1	k 4.1243	k -.30765	k 16.725	k -.86380	k .25259	k 92.166	3.2366
#2	k 4.1149	k -.30756	k 16.747	k -.86020	k .25353	k 92.292	3.2357
#3	k 4.1276	k -.31096	k 16.839	k -.86647	k .25324	k 92.403	3.2319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10502	k .36050	k 92.824	k 1.7000	k 1.7645	k 58.801	^ *****
Stddev	.00038	.00089	.651	.0065	.0072	.146	-----
%RSD	.36567	.24807	.70133	.38224	.40864	.24762	-----

#1	.10515	k .36074	k 92.506	k 1.7058	k 1.7584	k 58.899	^ -----
#2	.10459	k .35951	k 92.394	k 1.6930	k 1.7625	k 58.871	^ -----
#3	.10532	k .36125	k 93.573	k 1.7011	k 1.7724	k 58.634	^ -----

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.299	50.544	k 2.6303	k -.48761	19.002	k .18165	kF 53.073
Stddev	.036	.055	.0029	.00096	.044	.00039	.656
%RSD	.35232	.10886	.10949	.19640	.23155	.21533	1.2355

#1	10.340	50.536	k 2.6274	k -.48864	19.016	k .18170	k 53.672
#2	10.272	50.602	k 2.6305	k -.48675	19.037	k .18202	k 53.175
#3	10.283	50.493	k 2.6331	k -.48743	18.953	k .18124	k 52.373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.012	F 14.212	kF -1.6889	kF 48.236	k 2.2014	k 1.6754	k 4.6697
Stddev	.092	.043	.0167	.130	.0190	.0109	.0375
%RSD	.28647	.30062	.98667	.26864	.86200	.65175	.80269

#1	31.955	14.243	k -1.6923	k 48.089	k 2.2013	k 1.6677	k 4.6326
#2	32.118	14.228	k -1.7036	k 48.335	k 2.1825	k 1.6706	k 4.6689
#3	31.963	14.163	k -1.6708	k 48.282	k 2.2205	k 1.6879	k 4.7075

Sample Name: K3165-09 Acquired: 6/4/2019 18:37:49 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13873 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05551	k 4.160	k .46654	<.00000	F 1347.4
Stddev	.00081	.020	.00403	.19220	6.2
%RSD	1.4579	.4767	.86292	1.0102	.46330
#1	.05577	k 4.137	k .46453	-19.245	1354.6
#2	.05460	k 4.167	k .46391	-18.889	1344.0
#3	.05615	k 4.175	k .47117	-18.941	1343.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3669.4	52191.	5164.5	52.786	3297.8
Stddev	20.3	60.	44.7	2.195	3.7
%RSD	.55192	.11403	.86579	4.1574	.11264
#1	3653.9	52135.	5171.7	52.450	3295.2
#2	3662.0	52184.	5205.2	55.130	3296.1
#3	3692.3	52254.	5116.6	50.780	3302.0

Sample Name: K3167-01 Acquired: 6/4/2019 18:42:19 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390523068 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00081	.00636	-.00229	.00066	17.558	.01828	.00003
Stddev	.00177	.00125	.00044	.00147	.00127	.156	.00052	.00003
%RSD	126.58	154.64	6.8668	63.990	192.34	.88643	2.8512	82.165

#1	.00077	-.00201	.00675	-.00122	.00160	17.401	.01793	.00006
#2	.00339	.00048	.00645	-.00396	.00115	17.561	.01888	.00001
#3	.00003	-.00088	.00589	-.00169	-.00078	17.712	.01804	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	2.6338	.00243	-.00054	.07154	1.7010	.03378	.33561
Stddev	.00005	.0403	.00003	.00013	.00035	.0008	.00011	.03619
%RSD	21.701	1.5285	1.3262	23.776	.49269	.04463	.33654	10.784

#1	.00025	2.5883	.00241	-.00059	.07127	1.7018	.03375	.37224
#2	.00023	2.6645	.00241	-.00039	.07141	1.7010	.03390	.29988
#3	.00016	2.6487	.00246	-.00063	.07194	1.7003	.03368	.33471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	.00097	6.5171	.00070	.08825	1.0498	.03299	-.00315
Stddev	.00022	.00016	.0332	.00009	.00033	.0216	.00025	.00782
%RSD	10.871	16.595	.50937	13.323	.37945	2.0524	.76088	248.46

#1	.00182	.00086	6.4905	.00076	.08864	1.0278	.03328	.00588
#2	.00206	.00089	6.5065	.00059	.08804	1.0709	.03282	-.00784
#3	.00226	.00115	6.5543	.00073	.08808	1.0506	.03287	-.00748

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5247	1.2995	-.00046	.03071	.00704	4.468	.01367	3.6281
Stddev	.0053	.0116	.00020	.00156	.00043	.013	.00007	.4172
%RSD	.34655	.89246	43.045	5.0718	6.1046	.2795	.49748	11.499

#1	1.5299	1.3050	-.00023	.02891	.00701	4.465	.01363	4.0731
#2	1.5194	1.3073	-.00060	.03166	.00662	4.457	.01364	3.2457
#3	1.5246	1.2861	-.00054	.03155	.00748	4.482	.01375	3.5656

Sample Name: K3167-01 Acquired: 6/4/2019 18:42:19 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390523068 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.99773
Stddev	.46673
%RSD	46.779

#1	1.5080
#2	.59235
#3	.89288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.4	52683.	4760.1	62.422	4526.4
Stddev	14.7	146.	30.7	.734	6.0
%RSD	.36413	.27631	.64595	1.1752	.13188

#1	4017.2	52640.	4736.1	62.391	4519.9
#2	4025.4	52565.	4749.6	61.704	4527.7
#3	4045.7	52846.	4794.8	63.170	4531.7

Sample Name: CCV07 Acquired: 6/4/2019 18:46:40 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15057 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0348	5.0983	5.0210	5.0708	4.9552	9.8227	10.016	.24360
Stddev	.0099	.0027	.0057	.0148	.0187	.0358	.033	.00081
%RSD	.19709	.05195	.11272	.29141	.37697	.36490	.32968	.33293
#1	5.0426	5.0957	5.0173	5.0826	4.9760	9.7826	9.9786	.24383
#2	5.0382	5.1010	5.0275	5.0755	4.9495	9.8517	10.042	.24269
#3	5.0236	5.0982	5.0181	5.0542	4.9400	9.8337	10.026	.24426
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5638	25.558	1.0138	2.5164	1.2391	4.9994	2.4872	23.659
Stddev	.0011	.063	.0030	.0017	.0009	.0070	.0042	.133
%RSD	.04401	.24508	.29859	.06928	.07027	.13940	.16908	.56176
#1	2.5647	25.486	1.0127	2.5159	1.2380	4.9999	2.4824	23.513
#2	2.5641	25.602	1.0172	2.5184	1.2396	5.0060	2.4898	23.692
#3	2.5625	25.586	1.0114	2.5150	1.2396	4.9921	2.4895	23.772
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5735	1.2741	24.567	2.5490	2.4721	24.983	5.1122	4.8001
Stddev	.0021	.0040	.081	.0065	.0027	.105	.0037	.0629
%RSD	.08253	.31681	.32772	.25290	.10769	.41969	.07148	1.3106
#1	2.5716	1.2694	24.476	2.5417	2.4709	24.917	5.1133	4.7275
#2	2.5758	1.2761	24.630	2.5514	2.4751	25.104	5.1151	4.8378
#3	2.5731	1.2767	24.594	2.5539	2.4702	24.929	5.1081	4.8350
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9809	5.1365	4.9142	5.0519	5.0154	5.245	5.3024	F 6.4068
Stddev	.0015	.0192	.0065	.0247	.0249	.007	.0263	.2510
%RSD	.02961	.37315	.13197	.48905	.49539	.1315	.49614	3.9173
#1	4.9826	5.1306	4.9190	5.0272	4.9885	5.253	5.2765	6.2870
#2	4.9801	5.1210	4.9068	5.0519	5.0202	5.241	5.3016	6.2381
#3	4.9799	5.1579	4.9168	5.0766	5.0375	5.240	5.3291	6.6952

Sample Name: CCV07 Acquired: 6/4/2019 18:46:40 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15057 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4840
Stddev	.2220
%RSD	8.9365

#1	2.4213
#2	2.3000
#3	2.7305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.3	49569.	4619.8	60.296	4106.6
Stddev	3.7	190.	10.0	1.050	3.6
%RSD	.09632	.38266	.21611	1.7412	.08766

#1	3840.5	49597.	4631.3	60.457	4104.3
#2	3844.4	49367.	4612.9	59.175	4104.8
#3	3847.9	49743.	4615.2	61.256	4110.7

Sample Name: CCB07 Acquired: 6/4/2019 18:50:38 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15057 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00158	F .00325	.00102	-.00170	.02382	.00344	.00004
Stddev	.00238	.00072	.00054	.00250	.00066	.00116	.00047	.00003
%RSD	109.98	45.562	16.636	246.18	38.520	4.8574	13.607	91.707
#1	.00193	.00083	.00299	.00088	-.00229	.02298	.00311	.00003
#2	-.00009	.00227	.00387	-.00142	-.00182	.02514	.00324	.00007
#3	.00465	.00163	.00289	.00358	-.00100	.02334	.00398	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00065	.00069	-.00042	-.00240	.00459	.00000	-.05168
Stddev	.00004	.00635	.00016	.00018	.00036	.00040	.00005	.05986
%RSD	18.233	982.75	22.913	43.055	14.923	8.7264	1817.9	115.83
#1	.00028	.00453	.00086	-.00034	-.00199	.00504	-.00006	-.08930
#2	.00020	-.00668	.00055	-.00063	-.00267	.00428	.00005	-.08307
#3	.00021	.00409	.00066	-.00029	-.00252	.00445	.00002	.01735
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.00098	.04680	.00086	.00034	.09977	.00105	.00766
Stddev	.00013	.00049	.01738	.00031	.00011	.01211	.00010	.00651
%RSD	48.148	50.518	37.134	36.320	32.649	12.134	9.8095	85.000
#1	.00029	.00083	.05303	.00069	.00046	.11375	.00108	.00093
#2	.00014	.00153	.06020	.00067	.00030	.09254	.00113	.01394
#3	.00041	.00057	.02716	.00122	.00025	.09302	.00093	.00812
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00608	.00097	-.00010	-.00059	F .01047	.0010	.00051	F 3.7002
Stddev	.00144	.00104	.00032	.00053	.00120	.0006	.00017	.4425
%RSD	23.724	107.13	312.08	90.408	11.464	55.03	33.605	11.959
#1	.00509	.00169	.00024	-.00091	.01140	.0008	.00067	4.0186
#2	.00542	.00143	-.00039	-.00087	.00911	.0017	.00054	3.8872
#3	.00774	-.00022	-.00016	.00003	.01089	.0006	.00033	3.1949

Sample Name: CCB07 Acquired: 6/4/2019 18:50:38 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15057 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .68282
Stddev	.51974
%RSD	76.116

#1	.11459
#2	1.1342
#3	.79971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.0	52296.	4698.9	63.694	4633.2
Stddev	11.4	150.	27.7	1.718	17.4
%RSD	.28342	.28715	.58963	2.6979	.37465

#1	4026.1	52171.	4690.2	64.191	4614.8
#2	4047.9	52253.	4729.9	65.109	4649.4
#3	4031.0	52462.	4676.6	61.782	4635.3

Sample Name: K3168-01 Acquired: 6/4/2019 18:55:07 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390528044.1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	-.00234	.01224	.00204	-.00105	8.4051	.12654	.00010
Stddev	.00223	.00117	.00115	.00286	.00114	.0574	.00056	.00003
%RSD	42.127	49.951	9.4019	140.14	107.80	.68238	.44168	31.209

#1	.00645	-.00197	.01175	.00003	-.00048	8.3407	.12680	.00008
#2	.00272	-.00140	.01142	.00077	-.00236	8.4507	.12692	.00009
#3	.00671	-.00365	.01356	.00531	-.00032	8.4239	.12590	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	9.8764	.00590	.00061	.13783	3.7816	.40733	2.1216
Stddev	.00000	.1254	.00014	.00011	.00043	.0064	.00086	.0301
%RSD	1.5363	1.2694	2.4449	18.026	.31156	.16860	.21109	1.4204

#1	.00019	9.7371	.00579	.00050	.13824	3.7743	.40822	2.0873
#2	.00019	9.9803	.00606	.00072	.13788	3.7863	.40650	2.1337
#3	.00020	9.9117	.00584	.00061	.13738	3.7841	.40727	2.1438

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	.00282	4.4137	.00468	.17748	2.9541	.00283	.01162
Stddev	.00014	.00016	.0187	.00034	.00017	.0371	.00041	.01658
%RSD	4.4805	5.7227	.42336	7.1716	.09486	1.2541	14.429	142.64

#1	.00287	.00296	4.3932	.00482	.17753	2.9410	.00248	-.00141
#2	.00312	.00285	4.4297	.00429	.17762	2.9254	.00328	.00600
#3	.00309	.00264	4.4181	.00491	.17729	2.9959	.00272	.03029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7776	1.3815	.00333	.09680	.00689	9.308	.04044	3.9463
Stddev	.0075	.0101	.00116	.00619	.00120	.020	.00062	.1526
%RSD	.26960	.73067	34.877	6.3991	17.421	.2122	1.5372	3.8671

#1	2.7824	1.3706	.00296	.09014	.00551	9.316	.03974	4.1107
#2	2.7814	1.3906	.00240	.10238	.00771	9.324	.04092	3.9191
#3	2.7690	1.3833	.00463	.09788	.00745	9.286	.04066	3.8091

Sample Name: K3168-01 Acquired: 6/4/2019 18:55:07 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390528044.1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5918
 Stddev .5049
 %RSD 19.479

#1 3.0607
 #2 2.6573
 #3 2.0574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.8	52997.	4823.9	64.809	4520.4
Stddev	7.1	81.	32.2	.273	9.0
%RSD	.17780	.15248	.66726	.42083	.19815

#1	4006.8	52915.	4860.9	64.911	4510.0
#2	4013.8	53077.	4808.0	64.500	4525.6
#3	4021.0	52999.	4802.7	65.016	4525.5

Sample Name: K3169-01 Acquired: 6/4/2019 18:59:25 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390529739 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00475	-.01496	.42038	.02107	.00596	25.500	4.8554	.06149
Stddev	.00305	.00138	.00201	.00242	.00087	.062	.0219	.00020
%RSD	64.176	9.2583	.47740	11.486	14.669	.24282	.45185	.32749

#1	-.00236	-.01384	.42229	.01929	.00695	25.434	4.8384	.06167
#2	-.00371	-.01453	.41829	.02010	.00568	25.510	4.8476	.06152
#3	-.00819	-.01651	.42058	.02383	.00527	25.556	4.8801	.06128

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	136.69	.05373	.08310	6.1069	333.10	3.3537	9.2371
Stddev	.00006	.95	.00064	.00039	.0072	1.77	.0036	.0801
%RSD	4.4088	.69658	1.1950	.47528	.11717	.53002	.10576	.86711

#1	-.00141	136.97	.05423	.08343	6.1024	332.88	3.3498	9.1484
#2	-.00132	135.63	.05396	.08322	6.1031	331.45	3.3545	9.3040
#3	-.00143	137.48	.05301	.08267	6.1151	334.96	3.3567	9.2590

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14985	.00025	2.4613	.07121	7.3909	4.6137	.01852	.28589
Stddev	.00141	.00046	.0239	.00023	.0078	.0835	.00014	.01246
%RSD	.94035	182.45	.96904	.32869	.10563	1.8092	.74018	4.3588

#1	.15033	-.00016	2.4356	.07142	7.3956	4.5175	.01868	.29226
#2	.14827	.00017	2.4655	.07096	7.3953	4.6677	.01849	.27153
#3	.15096	.00074	2.4828	.07126	7.3819	4.6558	.01841	.29388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 72.525	1.5130	.15878	.18497	.01868	F 136.0	.05242	1.0393
Stddev	.120	.0175	.00137	.00249	.00298	.3	.00265	.5683
%RSD	.16515	1.1557	.86117	1.3485	15.930	.2321	5.0534	54.677

#1	72.649	1.5107	.15801	.18534	.01663	136.3	.05542	.54269
#2	72.514	1.4968	.16036	.18726	.01732	136.1	.05038	.91623
#3	72.410	1.5315	.15797	.18231	.02209	135.7	.05147	1.6590

Sample Name: K3169-01 Acquired: 6/4/2019 18:59:25 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390529739 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 213.11
Stddev 1.46
%RSD .68390

#1 214.30
#2 211.49
#3 213.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.8	53027.	4995.2	59.115	4060.2
Stddev	1.3	121.	50.2	.485	7.4
%RSD	.03295	.22822	1.0055	.81965	.18268

#1	3981.0	52892.	4939.7	58.599	4058.6
#2	3981.1	53065.	5037.7	59.184	4053.7
#3	3983.3	53125.	5008.1	59.561	4068.2

Sample Name: K3097-07DLX10 Acquired: 6/4/2019 19:03:45 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8274 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01725	-.00168	.17224	.00436	-.00164	11.272	.21178	.00154
Stddev	.00485	.00045	.00205	.00300	.00144	.478	.00922	.00011
%RSD	28.135	26.864	1.1876	68.897	88.112	4.2429	4.3552	7.0604

#1	.01236	-.00143	.17459	.00747	-.00311	11.502	.21665	.00151
#2	.02207	-.00220	.17082	.00411	-.00158	11.591	.21755	.00167
#3	.01733	-.00140	.17132	.00149	-.00023	10.722	.20114	.00146

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	57.477	.28560	.01123	.14053	26.520	.61904	6.0590
Stddev	.00018	.337	.01744	.00020	.00179	1.546	.03536	.2580
%RSD	18.476	.58708	6.1049	1.7839	1.2746	5.8282	5.7128	4.2579

#1	.00092	57.619	.29568	.01123	.14241	27.444	.63927	6.2109
#2	.00084	57.719	.29566	.01144	.13884	27.380	.63965	6.2049
#3	.00119	57.091	.26547	.01104	.14035	24.735	.57821	5.7611

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03402	.00103	1.7589	.03369	.37406	1.9516	.00144	.01870
Stddev	.00036	.00017	.0795	.00200	.00441	.1350	.00029	.02271
%RSD	1.0611	16.543	4.5183	5.9469	1.1782	6.9152	20.225	121.43

#1	.03443	.00123	1.8025	.03428	.37915	2.0200	.00125	.04492
#2	.03377	.00095	1.8071	.03533	.37139	2.0388	.00129	.00519
#3	.03385	.00093	1.6672	.03146	.37165	1.7962	.00177	.00600

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0554	.24966	.01217	.22188	.03596	1.612	.28144	3.3511
Stddev	.0638	.00483	.00059	.00361	.00208	.019	.00287	1.7870
%RSD	1.0537	1.9361	4.8393	1.6257	5.7721	1.153	1.0210	53.326

#1	6.1286	.25389	.01285	.22432	.03457	1.633	.28038	4.4288
#2	6.0112	.25069	.01183	.22358	.03497	1.597	.27924	4.3361
#3	6.0265	.24439	.01182	.21773	.03835	1.607	.28469	1.2883

Sample Name: K3097-07DLX10 Acquired: 6/4/2019 19:03:45 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8274 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.280
 Stddev .368
 %RSD 2.9960

#1 11.949
 #2 12.676
 #3 12.215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.7	52950.	4733.7	61.298	4309.1
Stddev	44.3	2847.	22.4	1.104	53.6
%RSD	1.1206	5.3773	.47241	1.8008	1.2437

#1	3899.7	51177.	4708.3	60.035	4247.3
#2	3972.6	51439.	4742.4	62.078	4338.1
#3	3979.7	56234.	4750.4	61.781	4342.1

Sample Name: K3097-14DLX10 Acquired: 6/4/2019 19:08:03 Type: Unk
Method: P4-ICP2(v3172) 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	.01997	-.00136	.18986	.00336	-.00536	14.970	.20855	.00184
Stddev	.00263	.00090	.00110	.00114	.00215	.071	.00161	.00008
%RSD	13.189	65.680	.57745	34.037	40.150	.47294	.77310	4.6061
#1	.01694	-.00214	.18912	.00386	-.00658	14.891	.20690	.00177
#2	.02138	-.00158	.19112	.00205	-.00662	15.029	.21012	.00182
#3	.02161	-.00038	.18933	.00416	-.00287	14.989	.20865	.00194
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	11.042	.38972	.01259	.19242	35.477	.59097	6.4272
Stddev	.00006	.051	.00099	.00029	.00138	.321	.00038	.0440
%RSD	3.6221	.46172	.25412	2.3024	.71794	.90454	.06502	.68480
#1	.00172	11.018	.38902	.01287	.19091	35.273	.59134	6.3793
#2	.00185	11.007	.38929	.01259	.19361	35.311	.59057	6.4658
#3	.00179	11.100	.39086	.01229	.19276	35.847	.59101	6.4366
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04006	.00295	2.9362	.04035	.51195	1.9017	.00177	.04270
Stddev	.00037	.00013	.0477	.00030	.00050	.0288	.00031	.01274
%RSD	.92987	4.5312	1.6240	.74433	.09799	1.5128	17.352	29.830
#1	.04049	.00279	2.8994	.04016	.51162	1.8757	.00161	.02804
#2	.03986	.00304	2.9901	.04021	.51170	1.9326	.00213	.05105
#3	.03984	.00301	2.9191	.04070	.51252	1.8968	.00158	.04902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.068	.19079	.01747	.23709	.03610	3.512	.03808	3.3343
Stddev	.012	.00136	.00075	.00321	.00080	.008	.00011	.0597
%RSD	.12218	.71435	4.3209	1.3558	2.2198	.2308	.28735	1.7915
#1	10.064	.19235	.01669	.23385	.03702	3.509	.03812	3.3364
#2	10.081	.18985	.01820	.23716	.03576	3.522	.03817	3.3930
#3	10.057	.19016	.01751	.24027	.03553	3.507	.03796	3.2736

Sample Name: K3097-14DLX10 Acquired: 6/4/2019 19:08:03 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.780
Stddev .699
%RSD 4.4292

#1 16.543
#2 15.171
#3 15.626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4056.6	52707.	4830.4	62.835	4453.3
Stddev	12.7	61.	43.2	.852	4.3
%RSD	.31210	.11654	.89483	1.3562	.09596

#1	4071.1	52763.	4813.8	62.507	4456.7
#2	4048.0	52717.	4879.5	63.802	4448.5
#3	4050.6	52641.	4797.9	62.195	4454.8

Sample Name: K3097-15DLX10 Acquired: 6/4/2019 19:12:27 Type: Unk
Method: P4-ICP2(v3172) 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	.02035	-.00119	.18349	.00464	-.00393	11.790	.38540	.00160
Stddev	.00186	.00090	.00121	.00028	.00140	.070	.00119	.00009
%RSD	9.1293	75.511	.65854	6.0896	35.550	.59433	.30974	5.8309

#1	.01890	-.00204	.18280	.00444	-.00552	11.747	.38595	.00161
#2	.02244	-.00026	.18489	.00496	-.00288	11.753	.38402	.00150
#3	.01970	-.00126	.18280	.00451	-.00339	11.871	.38621	.00168

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	13.363	.34664	.01188	.18033	29.342	.40090	5.0214
Stddev	.00006	.047	.00355	.00021	.00179	.039	.00037	.0437
%RSD	3.2726	.35035	1.0237	1.7947	.99306	.13152	.09145	.87106

#1	.00174	13.393	.35068	.01179	.17894	29.332	.40055	5.0392
#2	.00165	13.309	.34402	.01212	.17969	29.310	.40087	4.9716
#3	.00174	13.386	.34522	.01173	.18235	29.385	.40128	5.0534

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04062	.00212	2.2576	.04148	.53211	1.5365	.00405	.03135
Stddev	.00038	.00041	.0086	.00021	.00063	.0139	.00007	.00866
%RSD	.93284	19.434	.38142	.49885	.11878	.90309	1.6494	27.614

#1	.04106	.00167	2.2553	.04153	.53169	1.5217	.00411	.04022
#2	.04036	.00249	2.2504	.04125	.53283	1.5385	.00398	.03092
#3	.04044	.00220	2.2671	.04165	.53179	1.5492	.00407	.02292

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7568	.20404	.01842	.19892	.02787	2.083	.24511	4.1418
Stddev	.0521	.00331	.00091	.00123	.00241	.015	.00019	.4028
%RSD	.53418	1.6239	4.9660	.62084	8.6486	.7390	.07600	9.7259

#1	9.6967	.20744	.01737	.19879	.02882	2.069	.24497	3.7337
#2	9.7840	.20387	.01900	.19775	.02513	2.080	.24504	4.5391
#3	9.7897	.20082	.01889	.20021	.02967	2.099	.24532	4.1526

Sample Name: K3097-15DLX10 Acquired: 6/4/2019 19:12:27 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.697
 Stddev .383
 %RSD 3.0159

#1 12.379
 #2 13.122
 #3 12.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4027.1	52557.	4813.8	63.156	4444.5
Stddev	9.0	282.	47.8	1.313	7.1
%RSD	.22275	.53693	.99310	2.0796	.16066

#1	4017.8	52262.	4775.3	64.466	4437.4
#2	4027.6	52586.	4798.8	61.839	4444.3
#3	4035.7	52824.	4867.3	63.164	4451.7

Sample Name: K3097-16DLX10 Acquired: 6/4/2019 19:16:43 Type: Unk
Method: P4-ICP2(v3172) 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	.02418	-.00174	.22382	.00333	-.00404	14.207	.22658	.00169
Stddev	.00252	.00066	.00050	.00296	.00099	.072	.00156	.00005
%RSD	10.424	37.787	.22291	88.921	24.380	.50583	.68895	3.1373
#1	.02621	-.00181	.22439	.00675	-.00516	14.125	.22491	.00167
#2	.02496	-.00106	.22360	.00180	-.00331	14.244	.22799	.00175
#3	.02136	-.00237	.22347	.00145	-.00366	14.253	.22686	.00165
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	10.597	.37516	.01200	.41695	32.592	.50626	6.1078
Stddev	.00007	.079	.00332	.00027	.00083	.304	.00430	.1862
%RSD	2.7987	.74647	.88504	2.2169	.19957	.93155	.85005	3.0486
#1	.00227	10.508	.37186	.01230	.41733	32.454	.50144	6.1071
#2	.00240	10.623	.37850	.01181	.41600	32.382	.50763	5.9220
#3	.00231	10.660	.37512	.01188	.41753	32.940	.50971	6.2944
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04209	.00309	2.5645	.03819	.58511	1.8452	.00148	.04001
Stddev	.00032	.00051	.0393	.00088	.00023	.0358	.00008	.00765
%RSD	.76904	16.420	1.5307	2.3005	.03947	1.9402	5.2273	19.121
#1	.04229	.00296	2.5228	.03769	.58485	1.8118	.00146	.04762
#2	.04171	.00265	2.5700	.03921	.58529	1.8409	.00157	.03232
#3	.04226	.00364	2.6008	.03769	.58519	1.8830	.00142	.04011
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.623	.20174	.03086	.21091	.03262	2.817	.03722	3.2403
Stddev	.012	.00227	.00058	.00260	.00053	.006	.00051	.2772
%RSD	.10838	1.1243	1.8790	1.2309	1.6148	.2106	1.3749	8.5555
#1	10.631	.20251	.03090	.20806	.03202	2.822	.03682	2.9657
#2	10.610	.20352	.03026	.21152	.03284	2.811	.03780	3.2353
#3	10.629	.19918	.03141	.21314	.03301	2.818	.03705	3.5201

Sample Name: K3097-16DLX10 Acquired: 6/4/2019 19:16:43 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.186
Stddev	.421
%RSD	2.9656

#1	14.503
#2	13.709
#3	14.346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4026.1	52569.	4852.7	62.645	4428.1
Stddev	3.4	148.	25.5	1.547	4.9
%RSD	.08435	.28065	.52574	2.4700	.11069

#1	4023.0	52734.	4849.1	60.884	4431.0
#2	4029.7	52520.	4829.2	63.261	4430.9
#3	4025.6	52452.	4879.8	63.789	4422.5

Sample Name: K3097-17DLX10 Acquired: 6/4/2019 19:21:01 Type: Unk
Method: P4-ICP2(v3172) 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	.02512	-.00104	.24140	.00656	-.00564	14.671	.24118	.00183
Stddev	.00328	.00144	.00080	.00142	.00222	.080	.00058	.00006
%RSD	13.049	139.14	.33233	21.619	39.297	.54286	.24032	3.0658
#1	.02180	.00008	.24049	.00801	-.00444	14.648	.24167	.00190
#2	.02521	-.00052	.24200	.00650	-.00820	14.605	.24054	.00180
#3	.02836	-.00266	.24172	.00517	-.00428	14.759	.24133	.00180
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	10.724	.46582	.01274	.21046	34.013	.50326	6.3941
Stddev	.00012	.016	.00188	.00012	.00082	.166	.00119	.0213
%RSD	4.3124	.14870	.40258	.97678	.38771	.48828	.23613	.33342
#1	.00271	10.730	.46793	.01260	.20972	34.149	.50458	6.4128
#2	.00295	10.736	.46522	.01280	.21033	34.062	.50227	6.3709
#3	.00281	10.706	.46433	.01283	.21134	33.828	.50295	6.3985
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04421	.00350	2.3081	.04128	.58393	1.9410	.00179	.04136
Stddev	.00026	.00030	.0233	.00051	.00137	.0354	.00029	.00542
%RSD	.59492	8.6846	1.0092	1.2341	.23434	1.8243	15.959	13.108
#1	.04394	.00321	2.2929	.04184	.58440	1.9733	.00200	.03886
#2	.04421	.00348	2.2965	.04085	.58501	1.9032	.00147	.03765
#3	.04447	.00382	2.3349	.04114	.58239	1.9466	.00191	.04759
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.554	.17333	.02349	.21857	.03534	2.982	.04244	2.7124
Stddev	.035	.00106	.00073	.00086	.00132	.007	.00033	.4725
%RSD	.32736	.61209	3.1248	.39336	3.7258	.2250	.77106	17.422
#1	10.563	.17317	.02365	.21940	.03445	2.975	.04214	2.6800
#2	10.583	.17446	.02270	.21768	.03685	2.988	.04239	3.2002
#3	10.516	.17236	.02414	.21863	.03471	2.981	.04278	2.2568

Sample Name: K3097-17DLX10 Acquired: 6/4/2019 19:21:01 Type: Unk
 Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.940
Stddev	.523
%RSD	3.2842

#1	16.177
#2	16.302
#3	15.339

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4024.0	52237.	4818.9	63.109	4438.0
Stddev	4.2	140.	14.5	.914	3.5
%RSD	.10521	.26816	.29994	1.4483	.07856

#1	4019.5	52150.	4808.3	62.461	4434.0
#2	4024.7	52398.	4813.1	64.155	4439.2
#3	4027.8	52161.	4835.4	62.711	4440.7

Sample Name: K3097-22DLX10 Acquired: 6/4/2019 19:25:20 Type: Unk
Method: P4-ICP2(v3172) 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	.02441	-.00279	.49624	.00253	-.00504	14.616	.20283	.00171
Stddev	.00014	.00173	.00139	.00339	.00050	.122	.00256	.00011
%RSD	.59011	61.782	.28082	134.11	9.8430	.83537	1.2634	6.1558
#1	.02440	-.00167	.49542	.00021	-.00447	14.476	.19993	.00170
#2	.02428	-.00193	.49546	.00095	-.00536	14.692	.20378	.00161
#3	.02456	-.00478	.49785	.00642	-.00529	14.682	.20479	.00182
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01072	12.277	.42329	.01239	.34379	30.455	.46256	6.7802
Stddev	.00012	.019	.00079	.00009	.00059	.089	.00069	.1078
%RSD	1.1078	.15334	.18604	.74170	.17156	.29151	.14896	1.5905
#1	.01067	12.291	.42420	.01238	.34345	30.366	.46205	6.6683
#2	.01063	12.285	.42290	.01231	.34344	30.458	.46229	6.7888
#3	.01086	12.256	.42277	.01249	.34447	30.543	.46334	6.8834
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05524	.00581	8.2059	.05511	.88456	2.0396	.00350	.03579
Stddev	.00018	.00056	.0935	.00033	.00211	.0267	.00020	.01451
%RSD	.32041	9.5572	1.1394	.60038	.23838	1.3113	5.8432	40.558
#1	.05505	.00629	8.0979	.05540	.88698	2.0219	.00353	.03553
#2	.05528	.00595	8.2615	.05517	.88310	2.0264	.00369	.02140
#3	.05540	.00520	8.2582	.05475	.88360	2.0703	.00328	.05043
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.130	.19463	.06437	.26508	.02731	3.373	.06629	2.5487
Stddev	.044	.00246	.00145	.00402	.00167	.005	.00055	.2009
%RSD	.39879	1.2654	2.2453	1.5180	6.1333	.1429	.82915	7.8845
#1	11.160	.19744	.06464	.26360	.02583	3.374	.06633	2.3663
#2	11.079	.19361	.06281	.26964	.02913	3.368	.06682	2.7641
#3	11.152	.19285	.06567	.26201	.02696	3.377	.06572	2.5157

Sample Name: K3097-22DLX10 Acquired: 6/4/2019 19:25:20 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.425
Stddev	.623
%RSD	4.6395

#1	13.971
#2	12.746
#3	13.556

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4028.5	52019.	4760.7	61.560	4392.2
Stddev	7.5	156.	30.9	.716	9.7
%RSD	.18638	.29923	.64876	1.1625	.22006

#1	4020.8	52149.	4735.6	60.825	4381.1
#2	4028.9	51846.	4751.4	62.254	4398.3
#3	4035.8	52061.	4795.2	61.601	4397.3

Sample Name: K3097-23DLX10 Acquired: 6/4/2019 19:29:34 Type: Unk
Method: P4-ICP2(v3172) 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	.05619	-.00179	.45472	.00519	-.00387	13.084	.28131	.00173
Stddev	.00183	.00057	.00134	.00145	.00105	.099	.00135	.00005
%RSD	3.2645	31.660	.29408	27.918	27.023	.75622	.48029	2.6936
#1	.05808	-.00116	.45427	.00357	-.00360	13.037	.28263	.00177
#2	.05442	-.00196	.45367	.00637	-.00298	13.198	.27993	.00168
#3	.05606	-.00226	.45623	.00563	-.00502	13.017	.28138	.00175
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	13.662	.34077	.01114	.35301	31.773	.46439	7.0585
Stddev	.00002	.001	.00126	.00016	.00019	.064	.00060	.0424
%RSD	.53491	.00977	.36974	1.4118	.05401	.20211	.12815	.60096
#1	.00469	13.662	.34122	.01124	.35321	31.810	.46508	7.0783
#2	.00465	13.661	.33935	.01123	.35284	31.809	.46397	7.0875
#3	.00464	13.663	.34174	.01096	.35298	31.699	.46414	7.0098
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04682	.00199	6.2693	.04144	.67805	2.1708	.00153	.04535
Stddev	.00014	.00021	.0114	.00036	.00020	.0512	.00019	.00986
%RSD	.29759	10.400	.18133	.86419	.02918	2.3583	12.649	21.737
#1	.04675	.00222	6.2805	.04185	.67791	2.2002	.00150	.03737
#2	.04674	.00187	6.2696	.04126	.67796	2.1116	.00174	.04232
#3	.04698	.00187	6.2578	.04120	.67828	2.2004	.00136	.05637
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.641	.14587	.26179	.22136	.03199	2.004	.03218	3.0110
Stddev	.033	.00209	.00091	.00123	.00110	.003	.00031	.0757
%RSD	.30699	1.4324	.34694	.55536	3.4546	.1464	.96097	2.5145
#1	10.678	.14620	.26281	.22094	.03179	2.006	.03185	3.0984
#2	10.616	.14777	.26107	.22040	.03099	2.007	.03246	2.9666
#3	10.628	.14363	.26148	.22275	.03318	2.001	.03223	2.9679

Sample Name: K3097-23DLX10 Acquired: 6/4/2019 19:29:34 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.530
Stddev	.804
%RSD	5.9436

#1	12.604
#2	14.047
#3	13.941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.6	52049.	4758.9	62.038	4397.7
Stddev	12.5	167.	16.4	.740	8.5
%RSD	.31006	.31989	.34501	1.1924	.19316

#1	4027.5	51871.	4755.6	62.632	4392.1
#2	4018.3	52074.	4776.7	62.272	4393.5
#3	4043.0	52201.	4744.4	61.209	4407.4

Sample Name: CCV08 Acquired: 6/4/2019 19:33:50 Type: Unk
Method: P4-ICP2(v3172) 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	5.0990	5.1118	5.0705	5.1256	5.0096	9.9642	10.116	.24296
Stddev	.0177	.0116	.0067	.0189	.0124	.0384	.018	.00083
%RSD	.34773	.22725	.13144	.36925	.24648	.38541	.17370	.33995
#1	5.0794	5.0986	5.0700	5.1081	4.9954	9.9581	10.136	.24387
#2	5.1139	5.1166	5.0774	5.1230	5.0160	9.9291	10.103	.24277
#3	5.1038	5.1203	5.0642	5.1457	5.0174	10.005	10.108	.24225
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5828	25.567	1.0170	2.5321	1.2516	5.0044	2.4893	23.675
Stddev	.0035	.130	.0012	.0072	.0026	.0033	.0041	.040
%RSD	.13461	.50918	.11849	.28266	.21012	.06649	.16469	.16890
#1	2.5788	25.417	1.0160	2.5242	1.2486	5.0020	2.4885	23.630
#2	2.5850	25.630	1.0184	2.5383	1.2534	5.0031	2.4937	23.688
#3	2.5847	25.653	1.0167	2.5337	1.2529	5.0082	2.4856	23.707
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5894	1.2796	24.723	2.5555	2.5060	25.068	5.1542	4.7962
Stddev	.0088	.0022	.028	.0037	.0039	.043	.0149	.0117
%RSD	.34102	.17286	.11379	.14310	.15589	.17223	.28852	.24391
#1	2.5795	1.2770	24.702	2.5526	2.5017	25.024	5.1372	4.7865
#2	2.5965	1.2807	24.755	2.5596	2.5094	25.110	5.1608	4.8092
#3	2.5922	1.2810	24.713	2.5544	2.5069	25.071	5.1646	4.7930
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0564	5.1693	4.9473	5.0660	5.0819	5.303	5.3901	F 5.5453
Stddev	.0116	.0146	.0137	.0110	.0061	.019	.0059	.4283
%RSD	.22958	.28176	.27715	.21726	.12059	.3596	.10861	7.7232
#1	5.0430	5.1535	4.9319	5.0539	5.0885	5.281	5.3852	5.0854
#2	5.0638	5.1722	4.9582	5.0688	5.0807	5.318	5.3884	5.9328
#3	5.0624	5.1823	4.9517	5.0754	5.0764	5.309	5.3966	5.6177

Sample Name: CCV08 Acquired: 6/4/2019 19:33:50 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6158
Stddev .8612
%RSD 32.923

#1 3.6082
#2 2.0641
#3 2.1752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3817.1	49243.	4587.9	60.130	4076.8
Stddev	4.8	238.	15.7	.867	7.0
%RSD	.12448	.48311	.34296	1.4420	.17195

#1	3818.6	49112.	4590.5	59.493	4075.2
#2	3811.8	49099.	4571.0	59.780	4070.8
#3	3820.9	49517.	4602.2	61.117	4084.5

Sample Name: CCB08 Acquired: 6/4/2019 19:37:48 Type: Unk
Method: P4-ICP2(v3172) 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	F .00318	.00083	-.00092	F .02565	.00366	-.00000
Stddev	.00208	.00088	.00018	.00072	.00098	.00468	.00002	.00008
%RSD	221.33	111.79	5.7438	86.317	106.25	18.243	.47702	1886.8
#1	-.00087	-.00004	.00300	.00054	-.00061	.02285	.00368	.00004
#2	.00321	.00069	.00318	.00165	-.00014	.02306	.00364	.00004
#3	.00048	.00172	.00337	.00030	-.00201	.03106	.00365	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00684	.00051	-.00040	-.00244	.00204	-.00004	-.00756
Stddev	.00005	.01111	.00046	.00013	.00008	.00020	.00006	.02838
%RSD	25.710	162.38	90.782	31.794	3.2721	9.8297	150.74	375.23
#1	.00016	.01923	.00008	-.00039	-.00253	.00183	-.00001	-.01073
#2	.00027	.00354	.00100	-.00028	-.00241	.00208	.00000	.02226
#3	.00021	-.00224	.00044	-.00054	-.00238	.00222	-.00011	-.03423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.00087	.03353	.00067	-.00021	-.00649	.00121	.00815
Stddev	.00041	.00034	.00418	.00041	.00007	.01773	.00022	.01148
%RSD	93.453	38.955	12.460	60.372	30.576	273.10	18.516	140.77
#1	.00055	.00062	.02886	.00063	-.00025	.00422	.00143	-.00184
#2	-.00001	.00073	.03690	.00029	-.00014	.00326	.00122	.02069
#3	.00080	.00126	.03484	.00110	-.00026	-.02695	.00098	.00561
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	.00406	.00007	-.00025	F .00747	.0027	.00070	F 3.8203
Stddev	.00071	.00209	.00082	.00099	.00056	.0007	.00006	.2810
%RSD	17.416	51.526	1124.3	397.24	7.4889	27.99	8.8979	7.3557
#1	.00384	.00171	.00087	-.00126	.00806	.0020	.00069	3.9492
#2	.00489	.00474	.00013	-.00021	.00694	.0035	.00065	3.4979
#3	.00353	.00572	-.00077	.00072	.00743	.0025	.00077	4.0137

Sample Name: CCB08 Acquired: 6/4/2019 19:37:48 Type: Unk
Method: P4-ICP2(v3172) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .79899
Stddev	.12793
%RSD	16.011

#1	.92486
#2	.80301
#3	.66910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4019.0	52115.	4721.3	63.619	4615.3
Stddev	9.6	104.	5.2	2.052	14.2
%RSD	.23845	.19995	.10985	3.2255	.30683

#1	4011.2	52027.	4720.1	65.066	4599.0
#2	4029.7	52230.	4716.8	61.270	4622.9
#3	4016.1	52089.	4726.9	64.520	4624.0