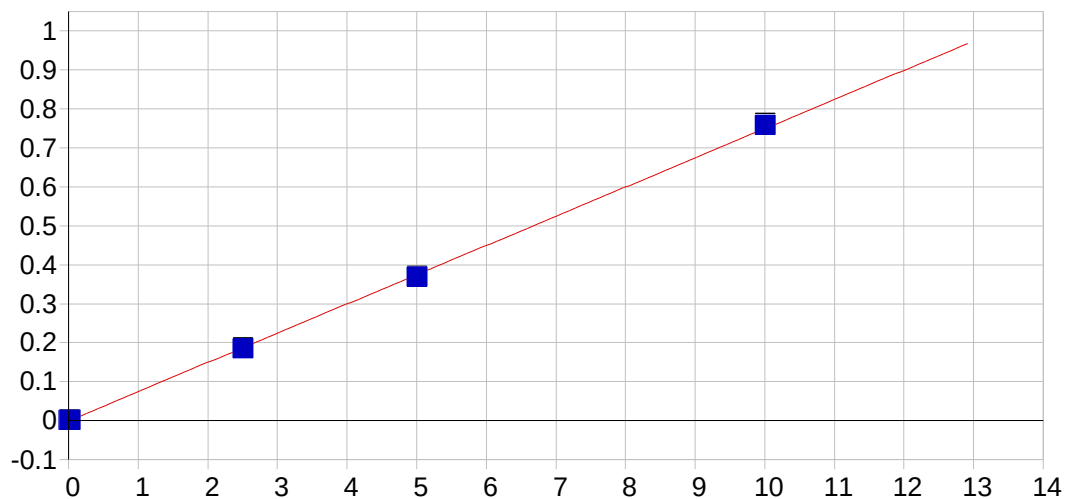




As 189.042 {478}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000562

Re-Slope: 1.000000

A1 (Gain): 0.074996

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999906

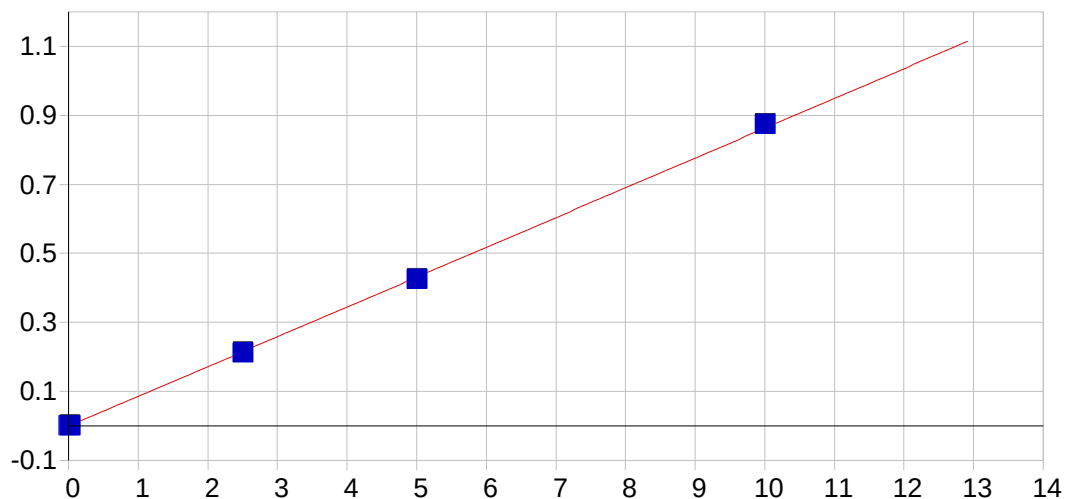
Status: OK.

Std Error of Est: 0.000025

Predicted MDL: 0.003783

Predicted MQL: 0.012608

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.02000	.01991	-.000	-.457	.00093	.000	1
S3	2.5000	2.4544	-.046	-1.82	.18350	.002	1
S4	5.0000	4.9270	-.073	-1.46	.36892	.001	1
S5	10.000	10.119	.119	1.19	.75824	.003	1



As 189.042 {479}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

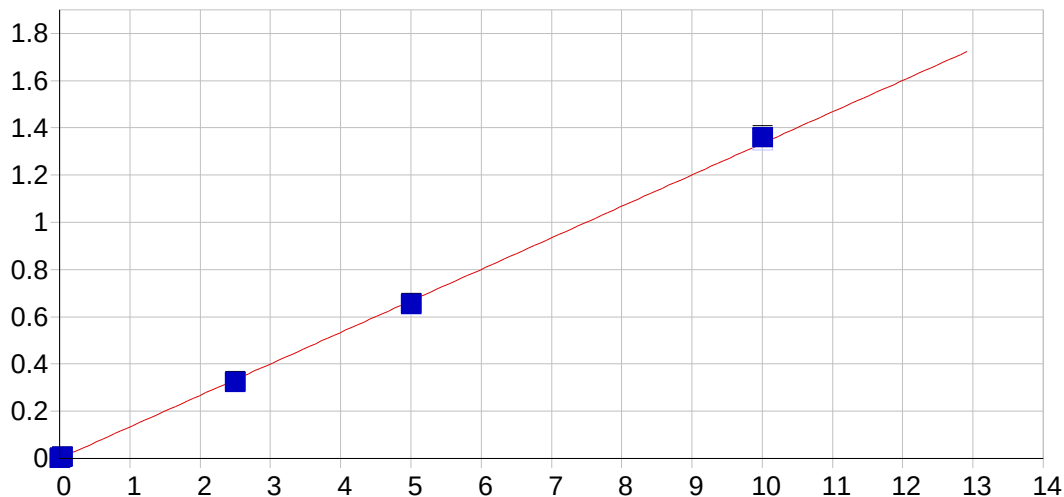
Weighting: 1/Conc

A0 (Offset): -0.000747

Re-Slope: 1.000000

A1 (Gain): 0.086358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002743
 Predicted MQL: 0.009142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00075	.000	1
S1	.02000	.02045	.000	2.23	.00102	.000	1
S3	2.5000	2.4595	-.041	-1.62	.21160	.001	1
S4	5.0000	4.9215	-.079	-1.57	.42417	.002	1
S5	10.000	10.119	.119	1.19	.87288	.002	1

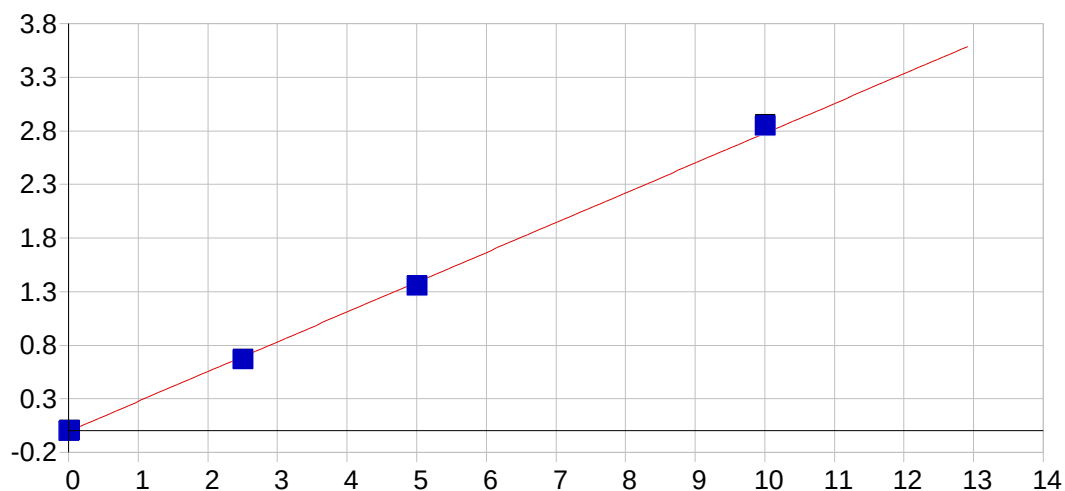


TI 190.856 {477}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000400 Re-Slope: 1.000000
 A1 (Gain): 0.133393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.001805
 Predicted MQL: 0.006017

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.04000	.04225	.002	5.62	.00590	.000	1
S3	2.5000	2.4143	-.086	-3.43	.31903	.002	1
S4	5.0000	4.8994	-.101	-2.01	.64710	.002	1
S5	10.000	10.184	.184	1.84	1.3452	.007	1

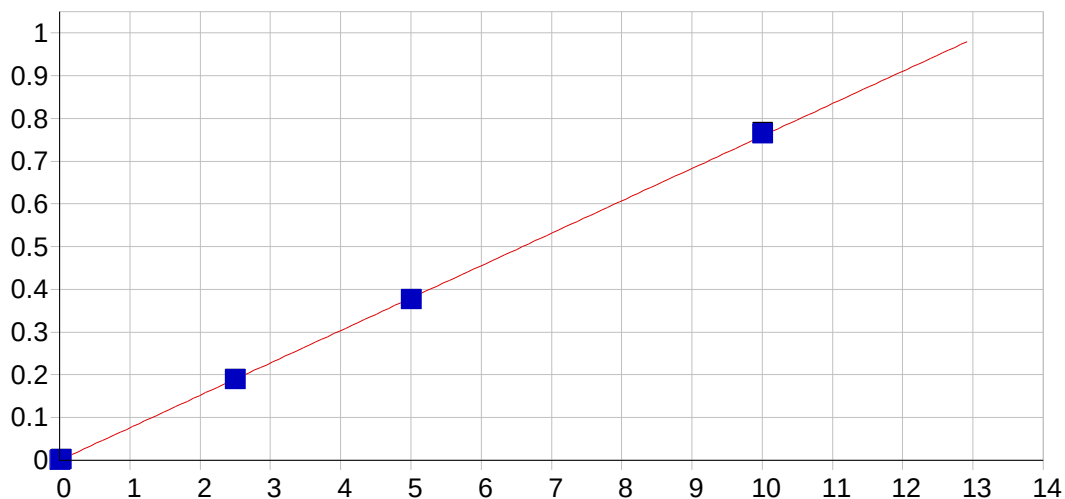


Pb 220.353 {453}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002334 Re-Slope: 1.000000
 A1 (Gain): 0.277880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.001445
 Predicted MQL: 0.004816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00233	.000	1
S1	.01200	.01168	-.000	-2.65	.00084	.000	1
S3	2.5000	2.3960	-.104	-4.16	.66219	.002	1
S4	5.0000	4.8651	-.135	-2.70	1.3471	.002	1
S5	10.000	10.239	.239	2.39	2.8379	.012	1



Se 196.090 {472}

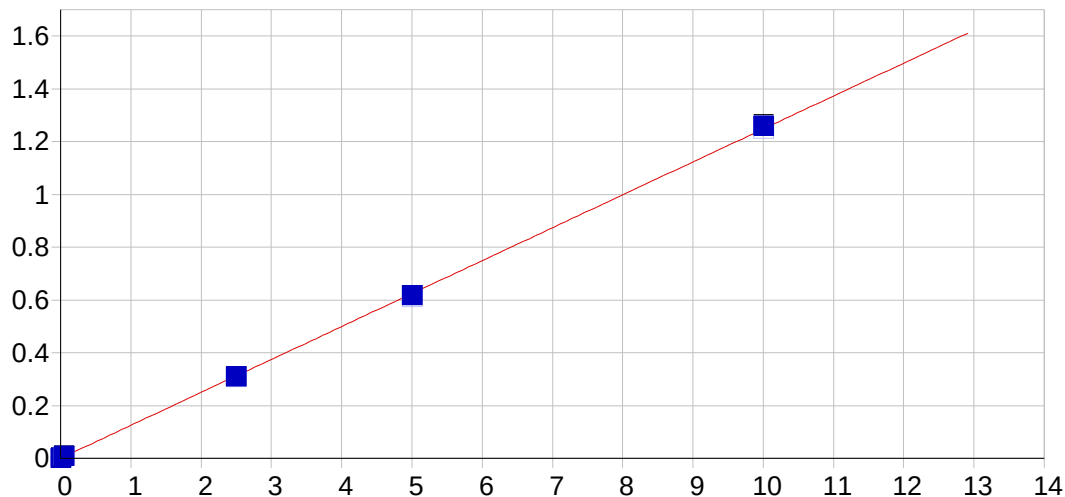
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000289 Re-Slope: 1.000000
 A1 (Gain): 0.075861 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000022
 Predicted MDL: 0.003717
 Predicted MQL: 0.012390

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00029	.000	1
S1	.02000	.01466	-.005	-26.7	.00140	.000	1
S3	2.5000	2.4839	-.016	-.643	.18868	.000	1
S4	5.0000	4.9481	-.052	-1.04	.37557	.000	1
S5	10.000	10.073	.073	.733	.76429	.003	1



Sb 206.833 {463}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

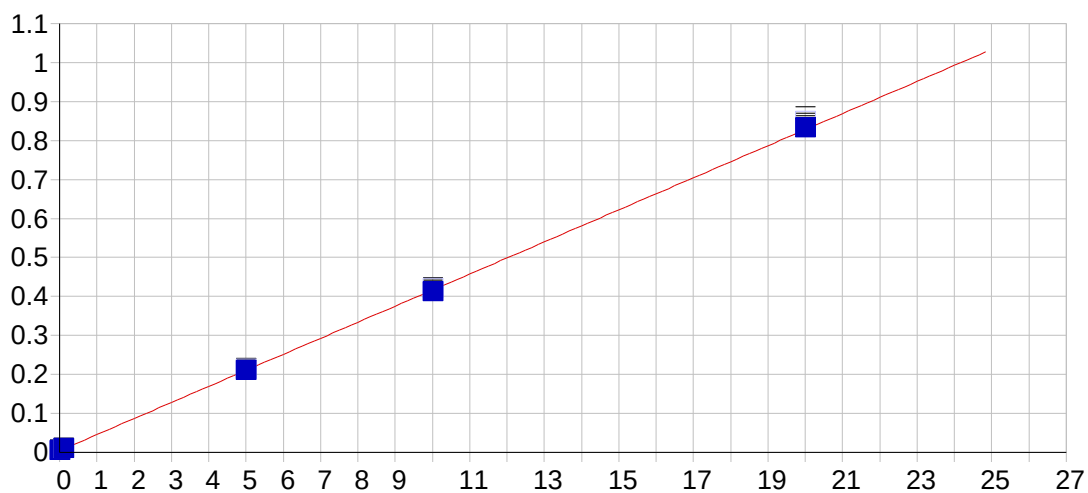
Weighting: 1/Conc

A0 (Offset): 0.000381
 A1 (Gain): 0.124749
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000057
 Predicted MDL: 0.002601
 Predicted MQL: 0.008670

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	.00038	.000	1
S1	.05000	.05368	.004	7.36	.00692	.000	1
S3	2.5000	2.4693	-.031	-1.23	.30491	.000	1
S4	5.0000	4.9320	-.068	-1.36	.60864	.001	1
S5	10.000	10.095	.095	.951	1.2457	.004	1

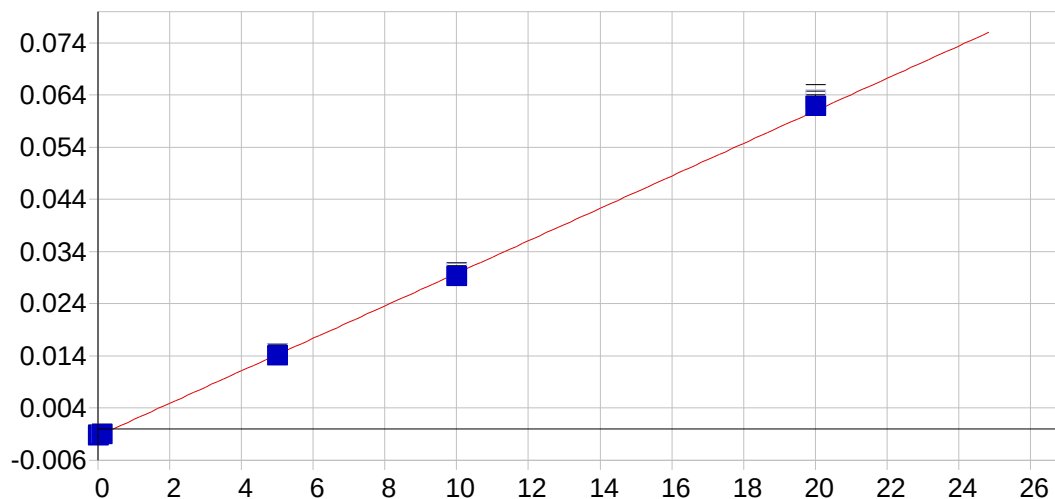


AI 308.215 {109}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004499 Re-Slope: 1.000000
 A1 (Gain): 0.041180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003797
 Predicted MQL: 0.012655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00450	.000	1
S1	.10000	.11140	.011	11.4	.00937	.000	1
S3	5.0000	4.9897	-.010	-.205	.21407	.000	1
S4	10.000	9.8930	-.107	-1.07	.42009	.001	1
S5	20.000	20.105	.105	.527	.84883	.012	1



AI 309.271 {109}

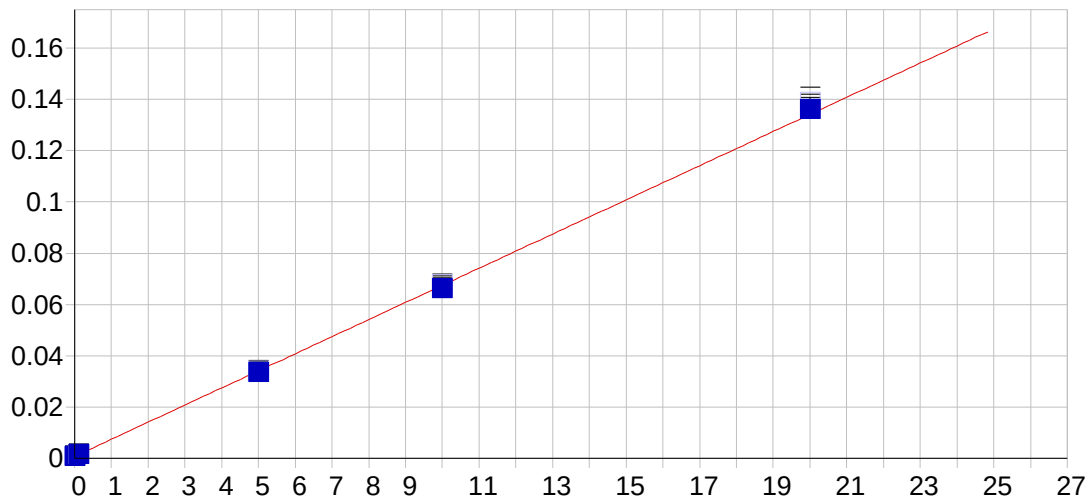
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001312 Re-Slope: 1.000000
 A1 (Gain): 0.003114 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848
 Std Error of Est: 0.000004
 Predicted MDL: 0.033220
 Predicted MQL: 0.110734

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00131	.000	1
S1	.10000	.08387	-.016	-16.1	-.00103	.000	1
S3	5.0000	4.9311	-.069	-1.38	.01436	.000	1
S4	10.000	9.8082	-.192	-1.92	.02986	.000	1
S5	20.000	20.278	.278	1.39	.06308	.001	1



AI 396.152 { 85}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

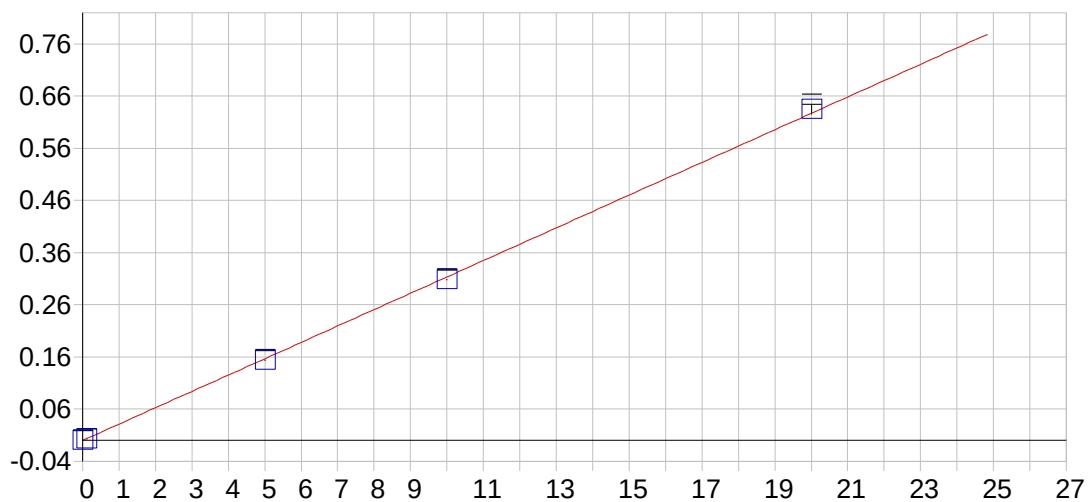
Weighting: 1/Conc

A0 (Offset): 0.000774
 A1 (Gain): 0.006669
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000009
 Predicted MDL: 0.019519
 Predicted MQL: 0.065063

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	.00077	.000	1
S1	.10000	.10367	.004	3.67	.00151	.000	1
S3	5.0000	4.8862	-.114	-2.28	.03402	.000	1
S4	10.000	9.8140	-.186	-1.86	.06755	.000	1
S5	20.000	20.296	.296	1.48	.13878	.002	1

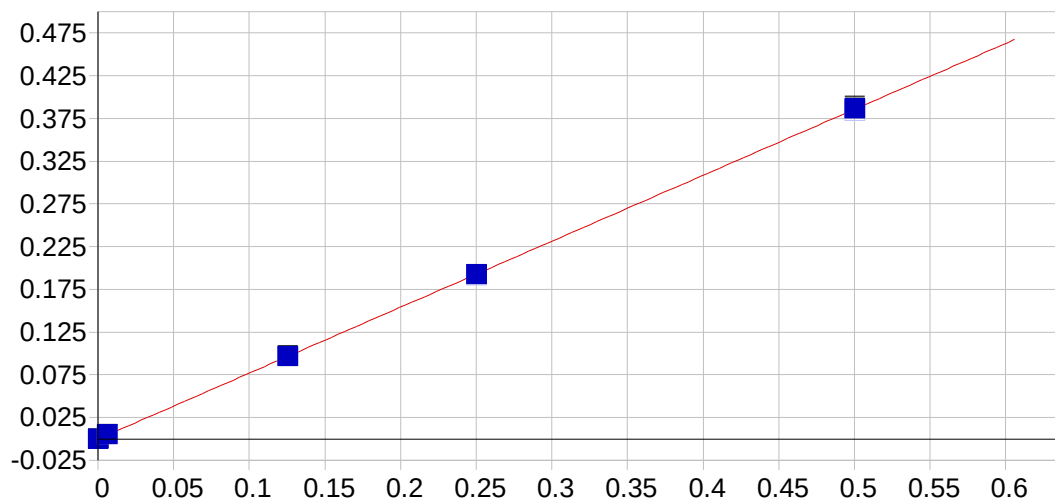


Ba 493.409 { 68}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000061 Re-Slope: 1.000000
 A1 (Gain): 0.031355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.009862
 Predicted MQL: 0.032873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.10000	.10021	.000	.213	.00320	.000	1
S3	5.0000	4.9221	-.078	-1.56	.15439	.001	1
S5	20.000	20.245	.245	1.23	.63484	.009	1
S4	10.000	9.8325	-.167	-1.67	.30836	.002	1



Be 234.861 {144}

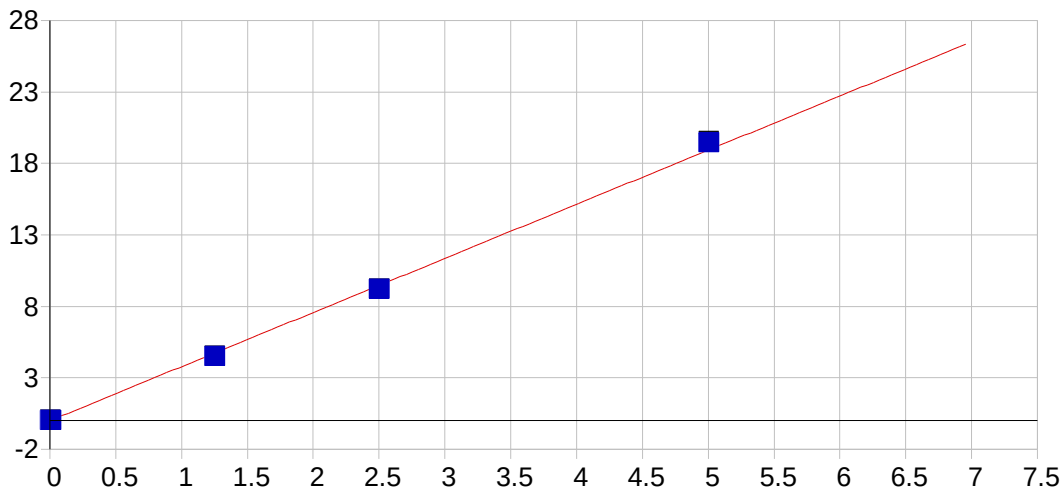
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.771698 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000022
 Predicted MDL: 0.000101
 Predicted MQL: 0.000336

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.00600	.00666	.001	11.0	.00496	.000	1
S3	.12500	.12547	.000	.373	.09608	.000	1
S4	.25000	.24875	-.001	-.499	.19061	.000	1
S5	.50000	.50012	.000	.024	.38338	.004	1

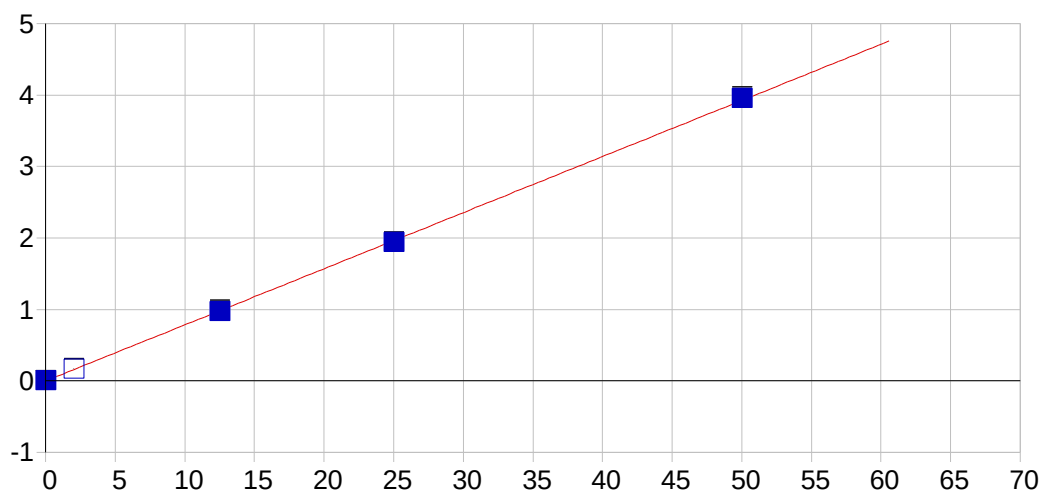


Cd 226.502 {449}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002320 Re-Slope: 1.000000
 A1 (Gain): 3.786257 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999513 Status: OK.
 Std Error of Est: 0.001105
 Predicted MDL: 0.000118
 Predicted MQL: 0.000395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00232	.000	1
S1	.00600	.00607	.000	1.13	.02067	.001	1
S3	1.2500	1.1874	-.063	-5.01	4.4937	.014	1
S4	2.5000	2.4308	-.069	-2.77	9.2022	.012	1
S5	5.0000	5.1318	.132	2.64	19.430	.086	1

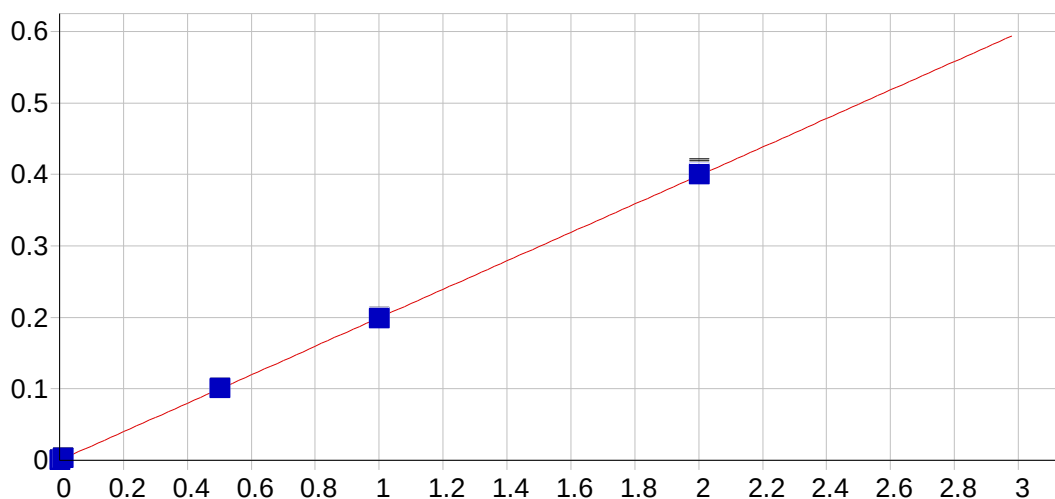


Ca 373.690 { 90}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000295 Re-Slope: 1.000000
 A1 (Gain): 0.078500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000615
 Predicted MDL: 0.018387
 Predicted MQL: 0.061290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1474	.147	7.37	.16827	.002	1
S0	.00000	-.00011	-.000	.000	-.00030	.000	1
S3	12.500	12.369	-.131	-1.05	.97117	.014	1
S4	25.000	24.674	-.326	-1.30	1.9376	.012	1
S5	50.000	50.310	.310	.620	3.9511	.017	1



Cr 267.716 {126}

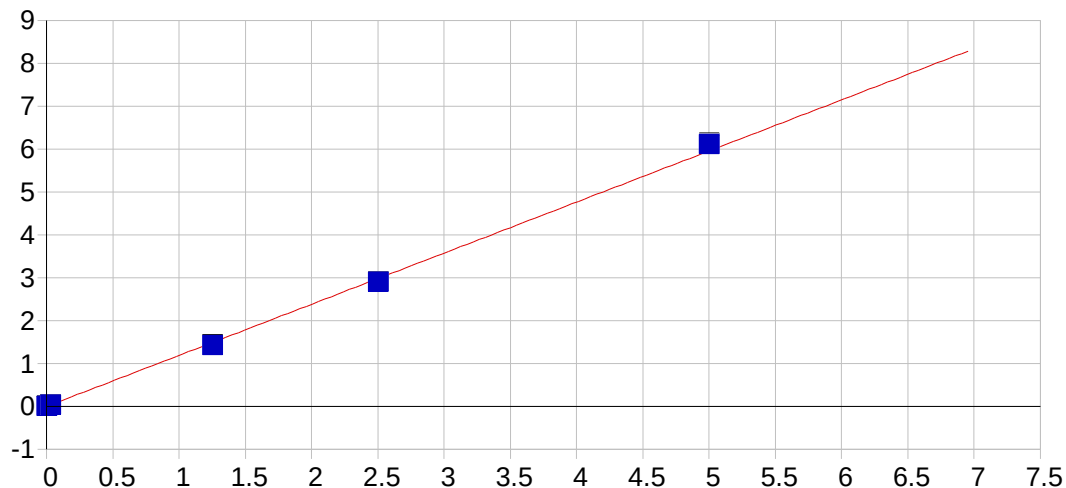
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.199148 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000009
 Predicted MDL: 0.000575
 Predicted MQL: 0.001917

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.01000	.01072	.001	7.19	.00236	.000	1
S3	.50000	.50310	.003	.619	.10119	.000	1
S4	1.0000	.99334	-.007	-.666	.19961	.000	1
S5	2.0000	2.0028	.003	.142	.40221	.005	1



Co 228.616 {447}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

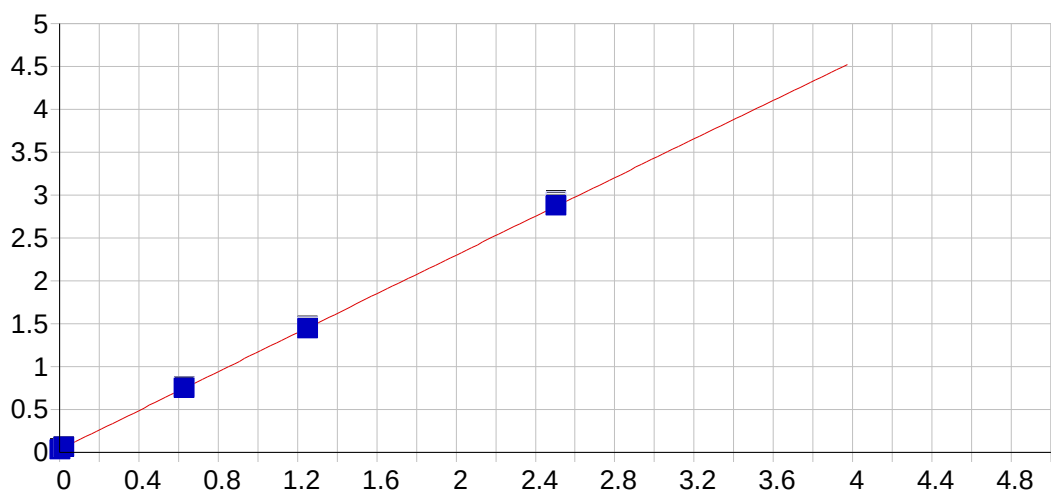
Weighting: 1/Conc

A0 (Offset): -0.001800
 A1 (Gain): 1.192015
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999552
 Std Error of Est: 0.000748
 Predicted MDL: 0.000319
 Predicted MQL: 0.001063

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	-.00180	.000	1
S1	.03000	.03040	.000	1.33	.03419	.001	1
S3	1.2500	1.1926	-.057	-4.60	1.4209	.006	1
S4	2.5000	2.4294	-.071	-2.82	2.8965	.002	1
S5	5.0000	5.1276	.128	2.55	6.1150	.024	1

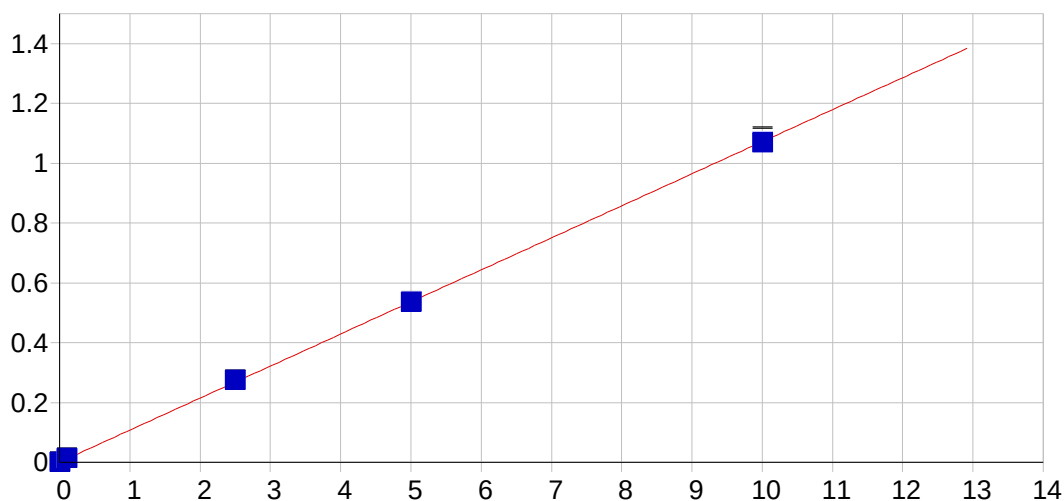


Cu 224.700 {450}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.033392 Re-Slope: 1.000000
 A1 (Gain): 1.137154 Y-int: 0.000000
 A2 (Curvature): -0.001658
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.000485
 Predicted MQL: 0.001616

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03339	.000	1
S1	.02000	.02182	.002	9.11	.05860	.000	1
S3	.62500	.63014	.005	.823	.76193	.002	1
S4	1.2500	1.2386	-.011	-.908	1.4646	.002	1
S5	2.5000	2.5044	.004	.176	2.9214	.012	1



Fe 240.488 {140}

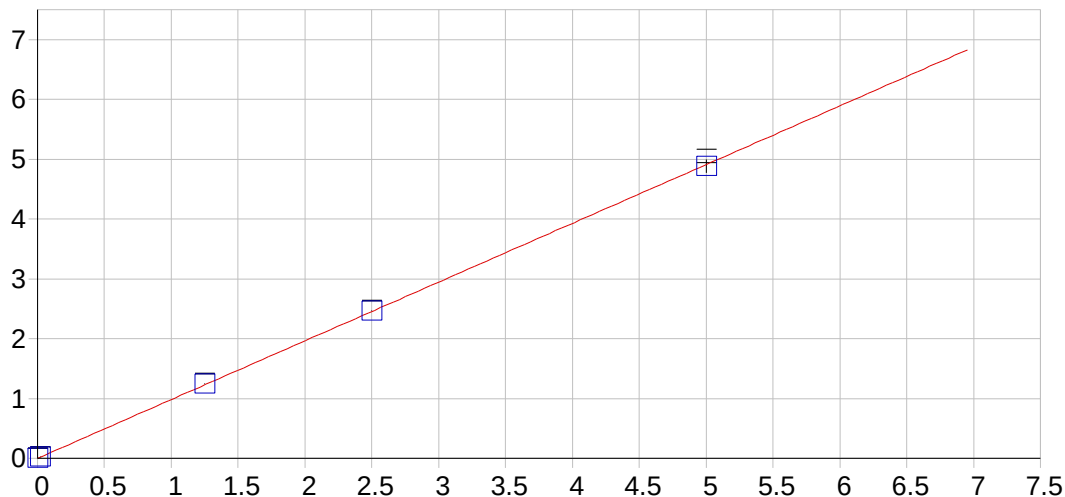
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000481 Re-Slope: 1.000000
 A1 (Gain): 0.107138 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000065
 Predicted MDL: 0.000970
 Predicted MQL: 0.003233

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00048	.000	1
S1	.10000	.11100	.011	11.0	.01243	.000	1
S3	2.5000	2.5448	.045	1.79	.27412	.001	1
S4	5.0000	4.9801	-.020	-.399	.53604	.001	1
S5	10.000	9.9642	-.036	-.358	1.0720	.015	1



Mn 257.610 {131}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

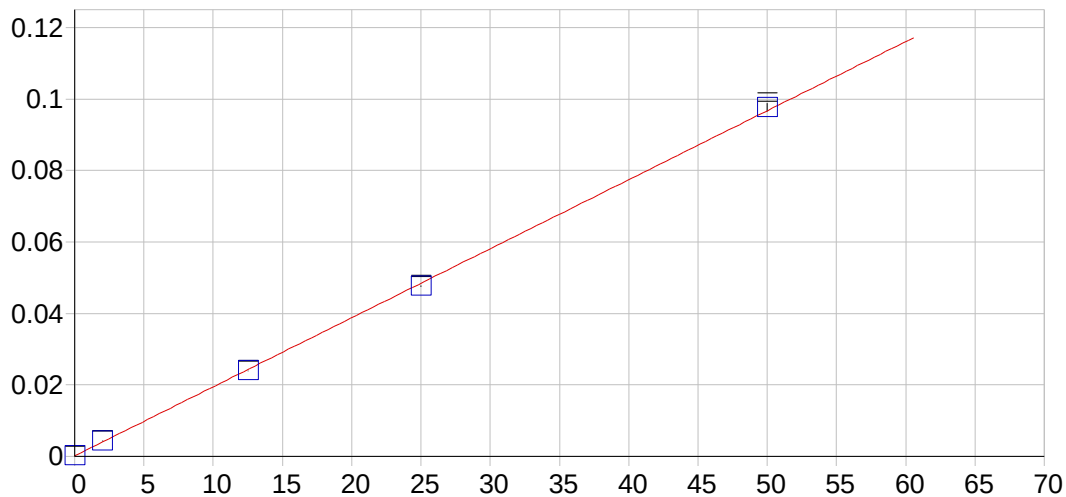
Weighting: 1/Conc

A0 (Offset): 0.000478
 A1 (Gain): 0.981971
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000174
 Predicted MDL: 0.000094
 Predicted MQL: 0.000314

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	.00047	.000	1
S1	.02000	.02319	.003	16.0	.02325	.000	1
S3	1.2500	1.2679	.018	1.43	1.2455	.005	1
S4	2.5000	2.5070	.007	.278	2.4622	.005	1
S5	5.0000	4.9720	-.028	-.561	4.8828	.114	1

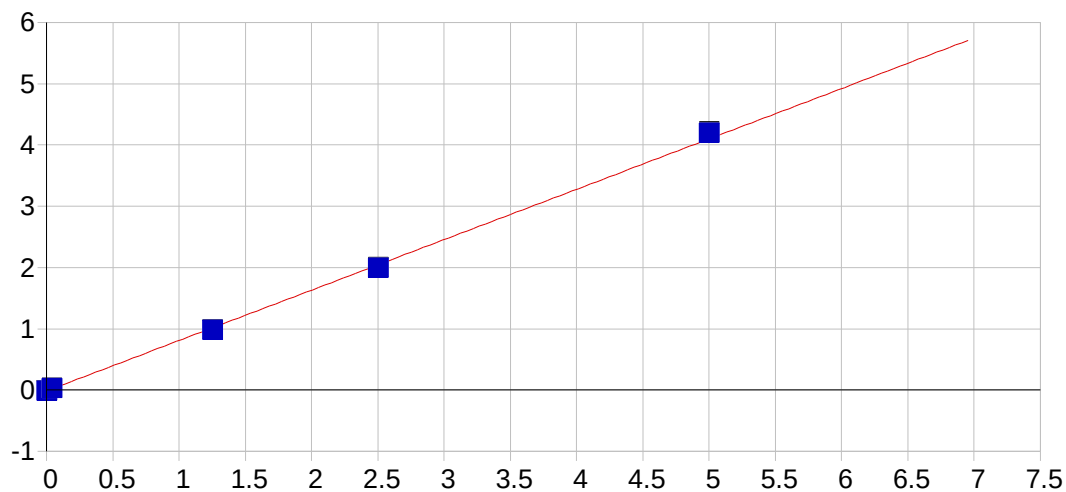


Mg 279.079 {121}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000148 Re-Slope: 1.000000
 A1 (Gain): 0.001932 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.034731
 Predicted MQL: 0.115769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1517	.152	7.58	.00430	.000	1
S0	.00000	-.00011	-.000	.000	.00015	.000	1
S3	12.500	12.320	-.180	-1.44	.02395	.000	1
S4	25.000	24.543	-.457	-1.83	.04756	.000	1
S5	50.000	50.485	.485	.970	.09767	.001	1



Ni 231.604 {445}

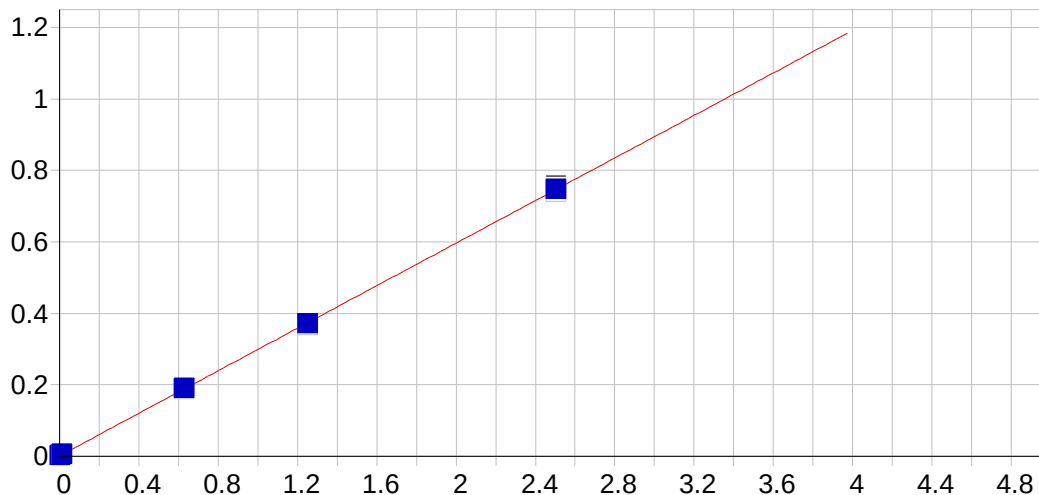
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014374 Re-Slope: 1.000000
 A1 (Gain): 0.822908 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999651
 Std Error of Est: 0.000526
 Predicted MDL: 0.000548
 Predicted MQL: 0.001826

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01437	.000	1
S1	.04000	.04083	.001	2.06	.01924	.000	1
S3	1.2500	1.2021	-.048	-3.84	.97593	.003	1
S4	2.5000	2.4341	-.066	-2.63	1.9910	.005	1
S5	5.0000	5.1130	.113	2.26	4.1976	.013	1



Ag 328.068 {103}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

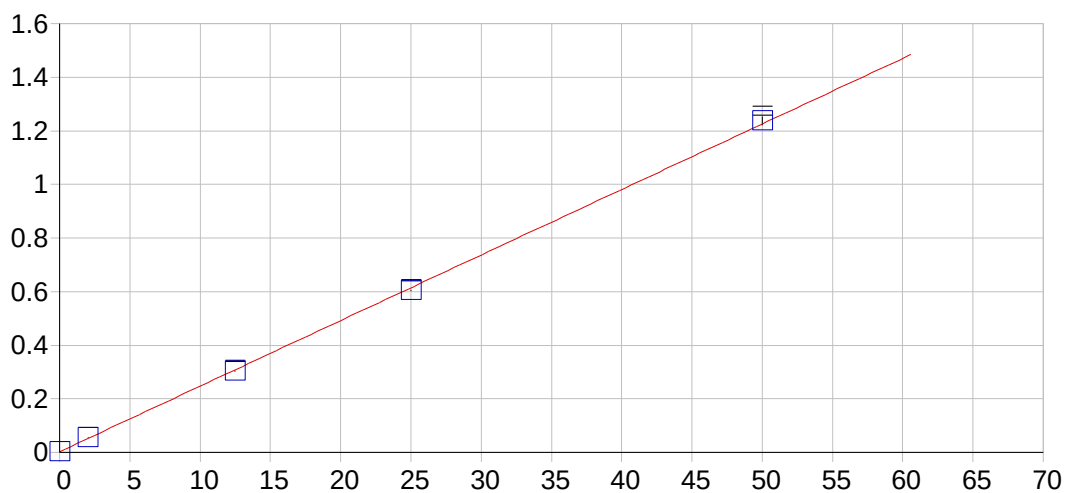
Weighting: 1/Conc

A0 (Offset): 0.001351
 A1 (Gain): 0.297631
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000018
 Predicted MDL: 0.000651
 Predicted MQL: 0.002170

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	.00135	.000	1
S1	.01000	.01078	.001	7.77	.00450	.000	1
S3	.62500	.63119	.006	.991	.18710	.001	1
S4	1.2500	1.2393	-.011	-.859	.36596	.001	1
S5	2.5000	2.5038	.004	.151	.73808	.009	1

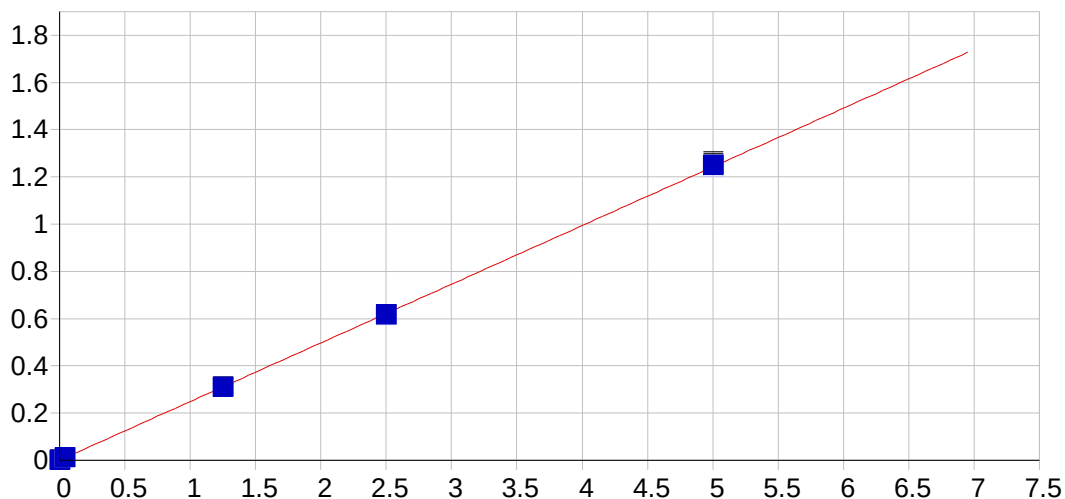


Na 589.592 { 57}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002789 Re-Slope: 1.000000
 A1 (Gain): 0.024456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000194
 Predicted MDL: 0.013572
 Predicted MQL: 0.045239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0986	.099	4.93	.05411	.000	1
S0	.00000	-.00005	-.000	.000	.00279	.001	1
S3	12.500	12.286	-.214	-1.71	.30327	.001	1
S4	25.000	24.624	-.376	-1.50	.60501	.002	1
S5	50.000	50.491	.491	.981	1.2376	.016	1



V 292.402 {115}

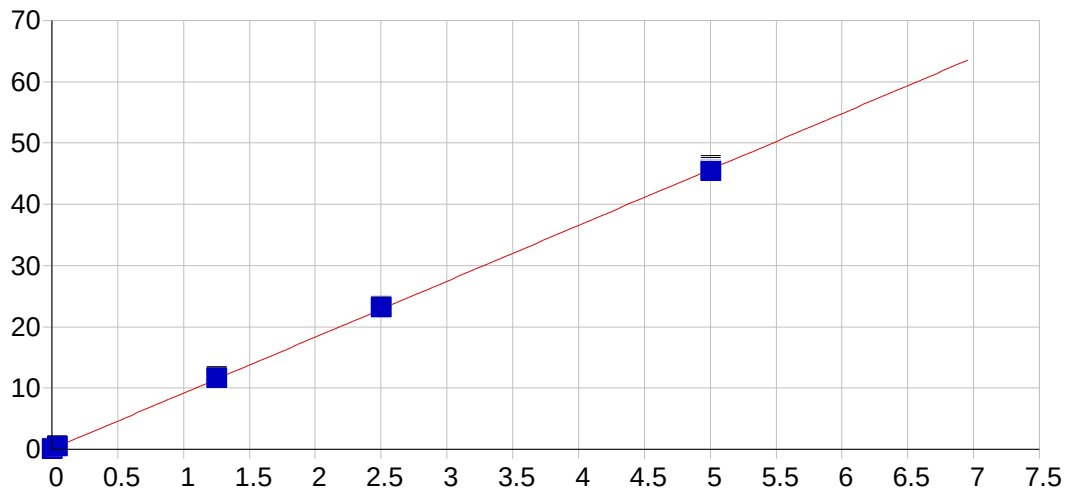
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.248474 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000046
 Predicted MDL: 0.000553
 Predicted MQL: 0.001843

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.04000	.04221	.002	5.51	.01066	.000	1
S3	1.2500	1.2463	-.004	-.296	.30797	.000	1
S4	2.5000	2.4752	-.025	-.994	.61128	.001	1
S5	5.0000	5.0264	.026	.527	1.2411	.015	1



Zn 206.200 {163}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

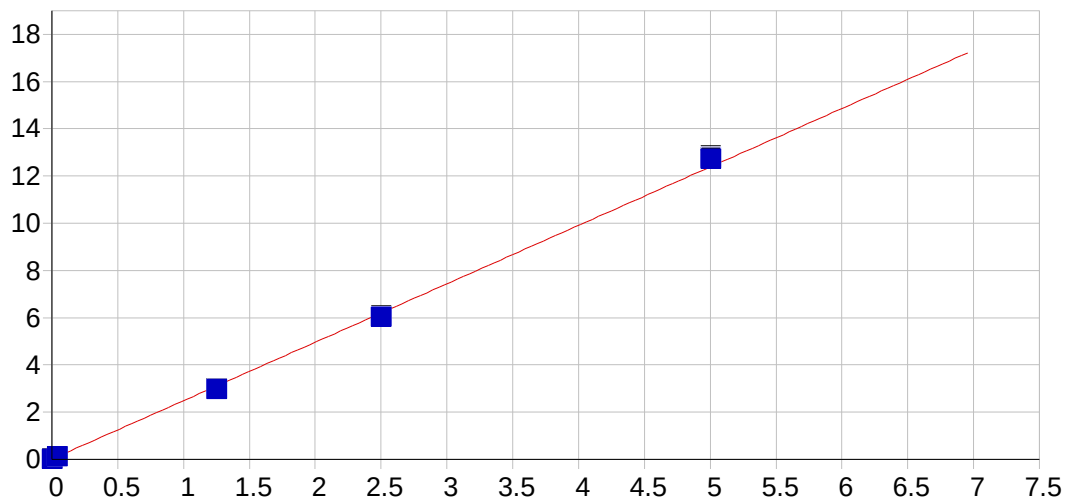
Weighting: 1/Conc

A0 (Offset): 0.050825
 A1 (Gain): 9.125444
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.002588
 Predicted MDL: 0.000729
 Predicted MQL: 0.002432

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	.05077	.003	1
S1	.04000	.04540	.005	13.5	.46754	.005	1
S3	1.2500	1.2597	.010	.775	11.615	.193	1
S4	2.5000	2.5199	.020	.795	23.184	.112	1
S5	5.0000	4.9650	-.035	-.699	45.635	.627	1

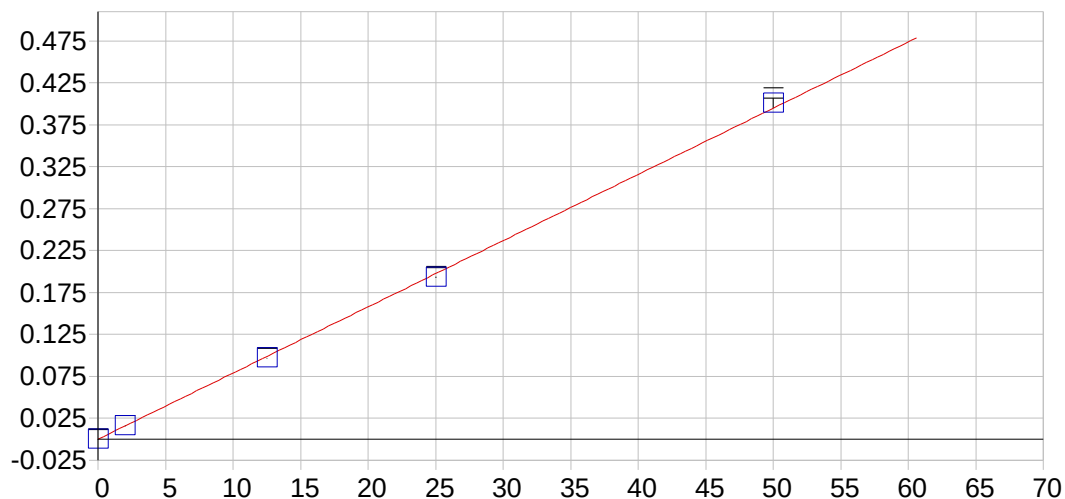


Zn 213.856 {458}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012747 Re-Slope: 1.000000
 A1 (Gain): 2.474476 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999514 Status: OK.
 Std Error of Est: 0.001880
 Predicted MDL: 0.000128
 Predicted MQL: 0.000426

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01275	.000	1
S1	.04000	.04122	.001	3.05	.11543	.000	1
S3	1.2500	1.1906	-.059	-4.75	2.9787	.009	1
S4	2.5000	2.4249	-.075	-3.00	6.0526	.010	1
S5	5.0000	5.1332	.133	2.66	12.794	.050	1



K 766.490 {44}

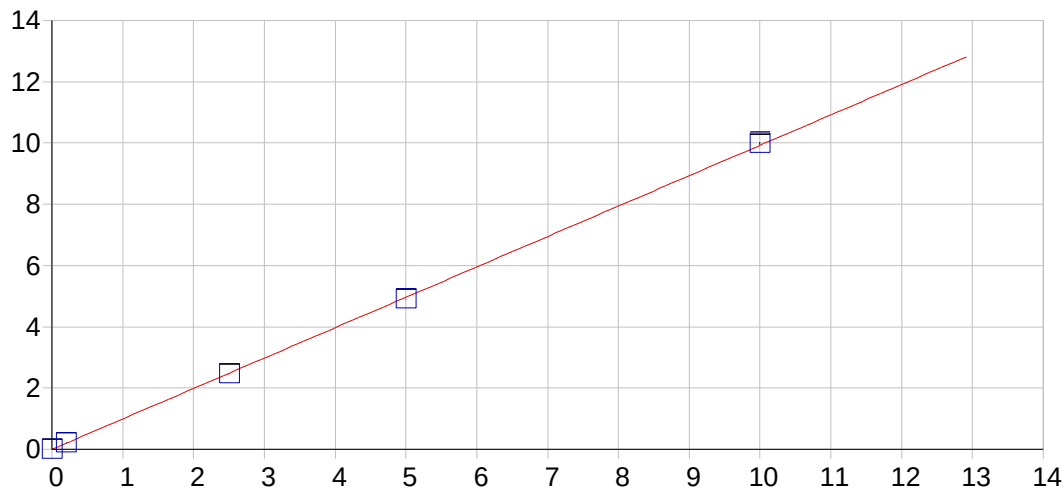
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.007895 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845
 Std Error of Est: 0.000076
 Predicted MDL: 0.048060
 Predicted MQL: 0.160201

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0078	.008	.388	.01596	.000	1
S0	.00000	.00004	.000	.000	.00011	.000	1
S3	12.500	12.246	-.254	-2.03	.09680	.000	1
S4	25.000	24.481	-.519	-2.08	.19339	.001	1
S5	50.000	50.766	.766	1.53	.40092	.006	1



Mo 202.030 {467}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

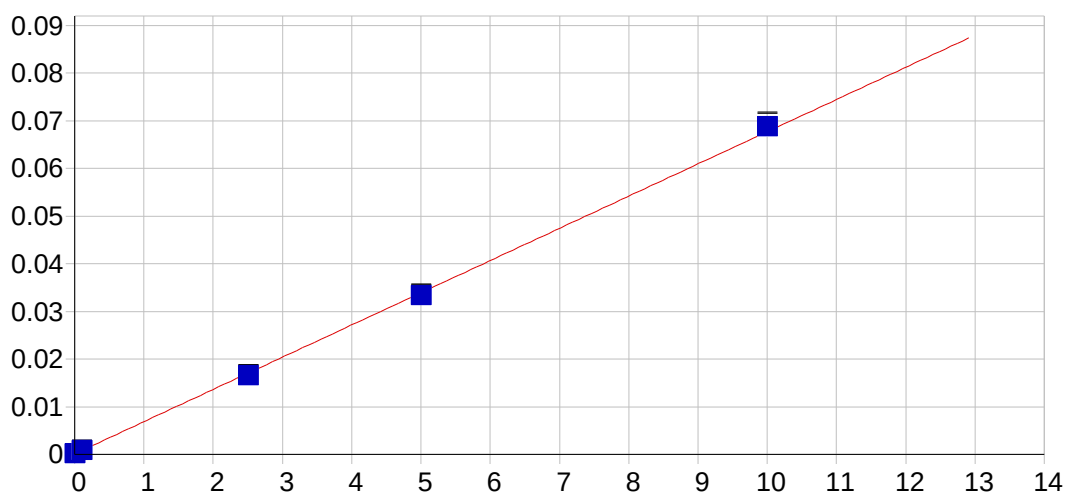
Weighting: 1/Conc

A0 (Offset): 0.000372
 A1 (Gain): 0.992563
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000871
 Predicted MDL: 0.000336
 Predicted MQL: 0.001121

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	.00036	.000	1
S1	.20000	.21331	.013	6.65	.21209	.000	1
S3	2.5000	2.4780	-.022	-.881	2.4599	.007	1
S4	5.0000	4.9389	-.061	-1.22	4.9026	.003	1
S5	10.000	10.070	.070	.698	9.9953	.043	1

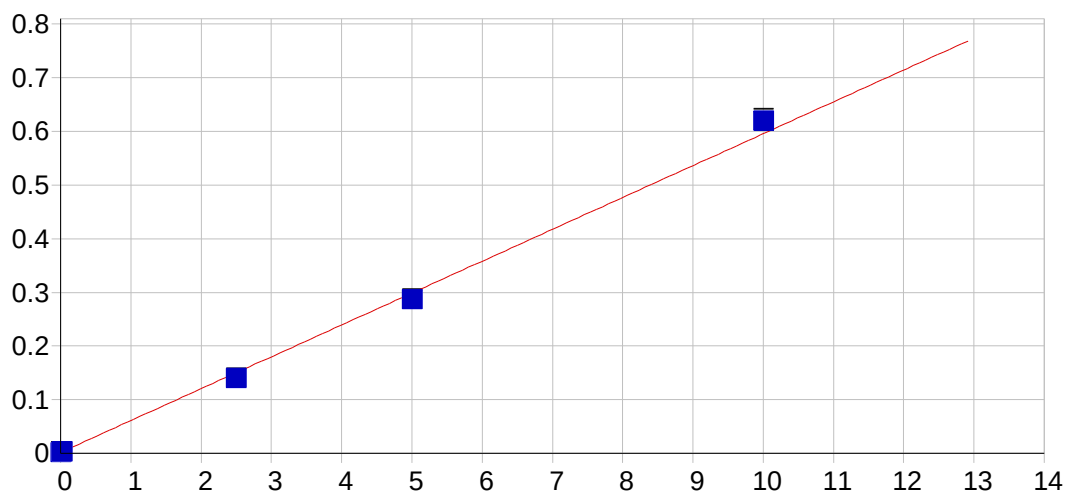


B 249.678 {135}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000116 Re-Slope: 1.000000
 A1 (Gain): 0.006760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.007658
 Predicted MQL: 0.025526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.10000	.10186	.002	1.86	.00080	.000	1
S3	2.5000	2.4196	-.080	-3.22	.01643	.000	1
S4	5.0000	4.9141	-.086	-1.72	.03325	.000	1
S5	10.000	10.164	.164	1.64	.06867	.001	1



S 182.034 {485}

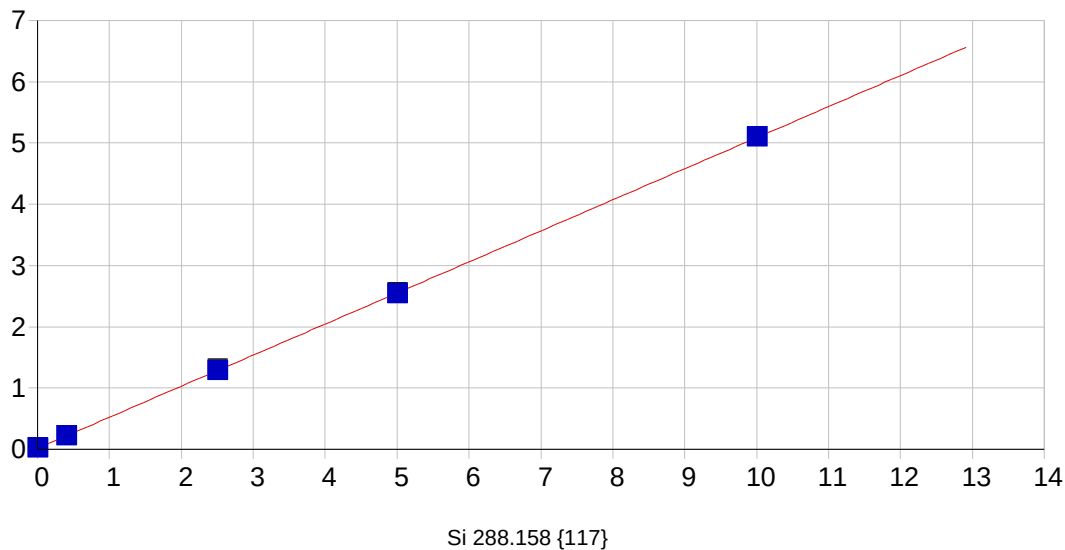
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001685 Re-Slope: 1.000000
 A1 (Gain): 0.059400 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998839
 Std Error of Est: 0.000069
 Predicted MDL: 0.003536
 Predicted MQL: 0.011788

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00168	.000	1
S1	.02000	.01467	-.005	-26.6	.00252	.000	1
S3	2.5000	2.3130	-.187	-7.48	.13891	.001	1
S4	5.0000	4.7885	-.212	-4.23	.28579	.001	1
S5	10.000	10.404	.404	4.04	.61900	.004	1



Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

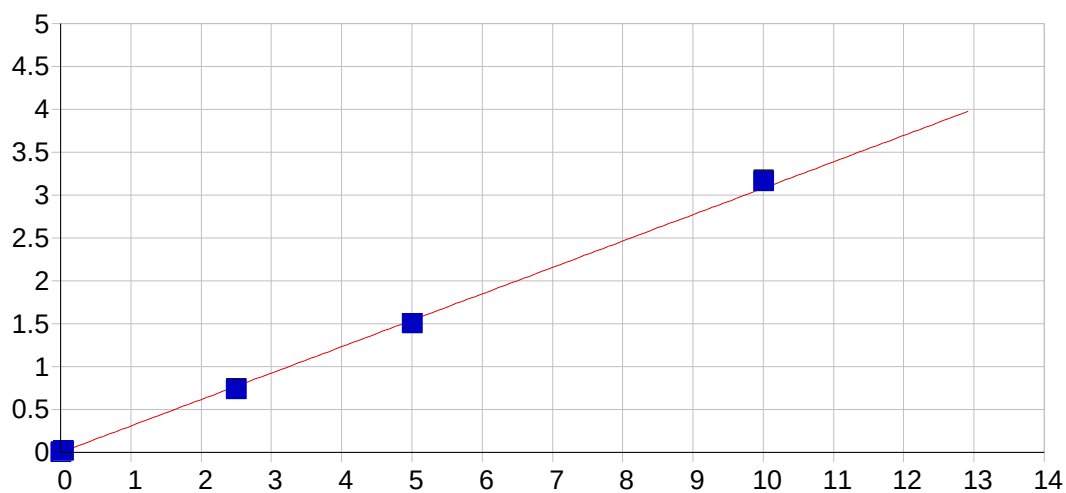
Weighting: 1/Conc

A0 (Offset): 0.016691
 A1 (Gain): 0.506989
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000215
 Predicted MDL: 0.002999
 Predicted MQL: 0.009997

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	.01669	.001	1
S1	.40000	.40085	.001	.212	.21975	.003	1
S3	2.5000	2.5090	.009	.362	1.2881	.017	1
S4	5.0000	4.9691	-.031	-.619	2.5346	.010	1
S5	10.000	10.021	.021	.210	5.0945	.002	1

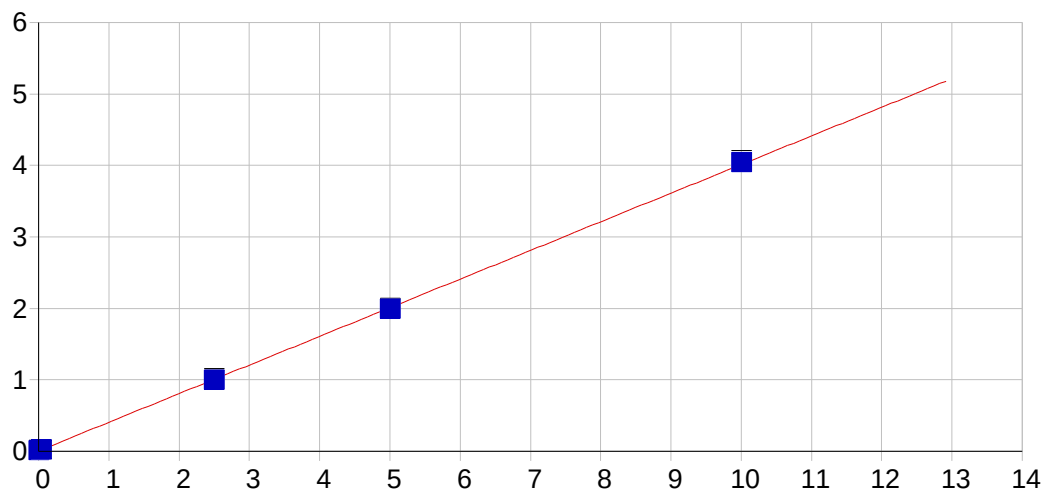


Sn 189.989 {477}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000598 Re-Slope: 1.000000
 A1 (Gain): 0.307900 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.000314
 Predicted MDL: 0.000755
 Predicted MQL: 0.002517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.04000	.03778	-.002	-5.56	.01223	.000	1
S3	2.5000	2.3838	-.116	-4.65	.73469	.001	1
S4	5.0000	4.8650	-.135	-2.70	1.4988	.002	1
S5	10.000	10.253	.253	2.53	3.1582	.012	1



Ti 336.121 {100}

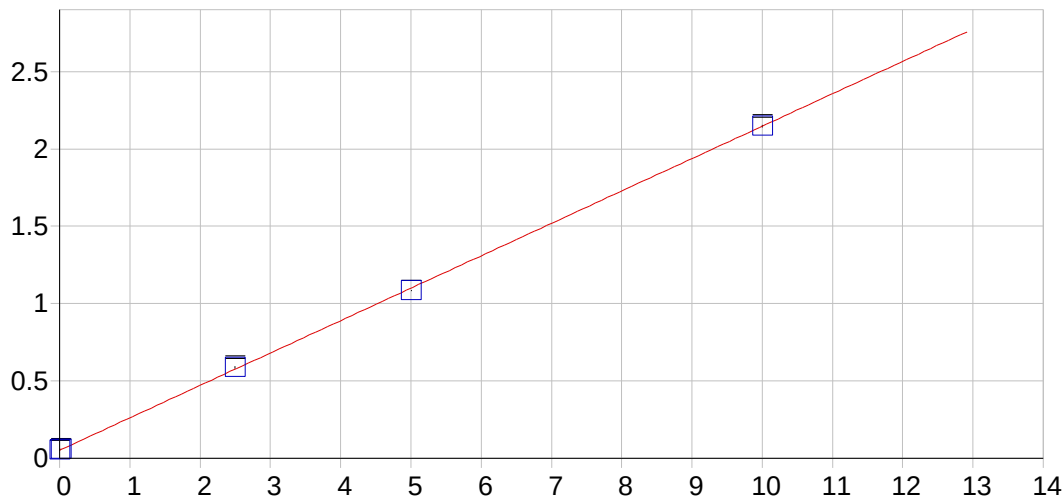
Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005711 Re-Slope: 1.000000
 A1 (Gain): 0.400674 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000117
 Predicted MDL: 0.002384
 Predicted MQL: 0.007947

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00571	.000	1
S1	.04000	.03969	-.000	-.765	.02161	.001	1
S3	2.5000	2.4689	-.031	-1.24	.99480	.014	1
S4	5.0000	4.9582	-.042	-.836	1.9921	.005	1
S5	10.000	10.073	.073	.732	4.0413	.026	1



Li 670.784 { 50}

Date of Fit: 9/24/2019 16:30:31

Type of Fit: Linear

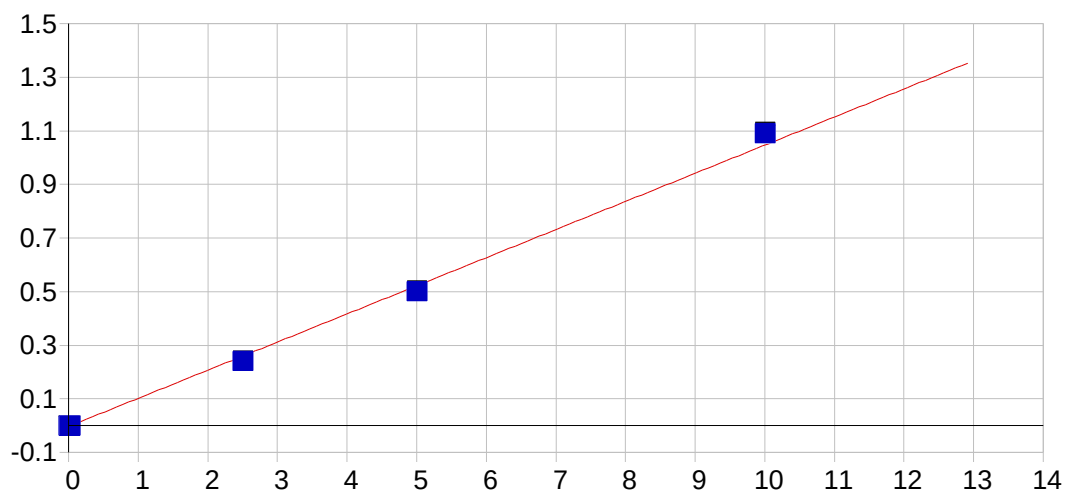
Weighting: 1/Conc

A0 (Offset): 0.052290
 A1 (Gain): 0.209462
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685
 Std Error of Est: 0.000127
 Predicted MDL: 0.015760
 Predicted MQL: 0.052532

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	.05229	.002	1
S1	.02000	.03297	.013	64.9	.05920	.003	1
S3	2.5000	2.5610	.061	2.44	.58873	.008	1
S4	5.0000	4.9249	-.075	-1.50	1.0839	.001	1
S5	10.000	10.001	.001	.011	2.1471	.008	1

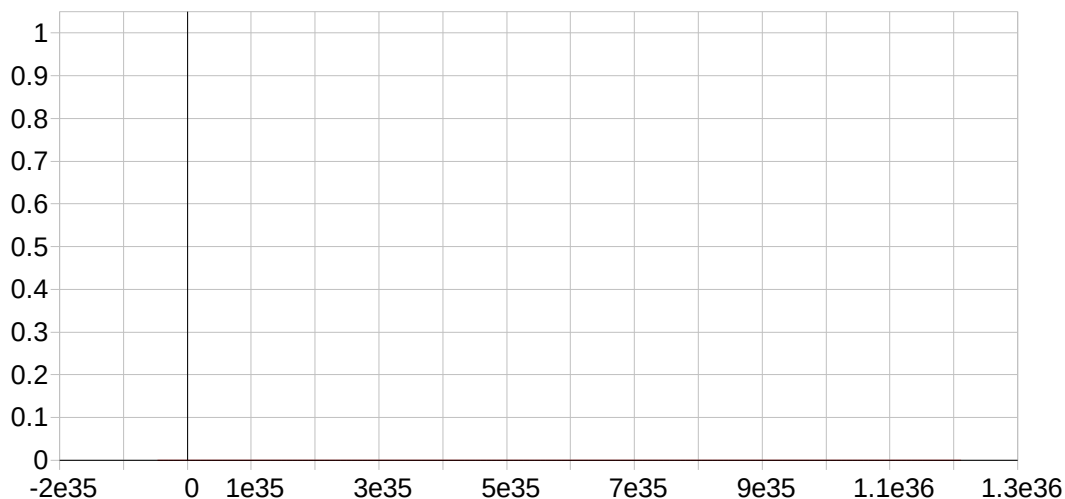


P 177.495 {490}

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003226 Re-Slope: 1.000000
 A1 (Gain): 0.104973 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998858 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.001929
 Predicted MQL: 0.006431

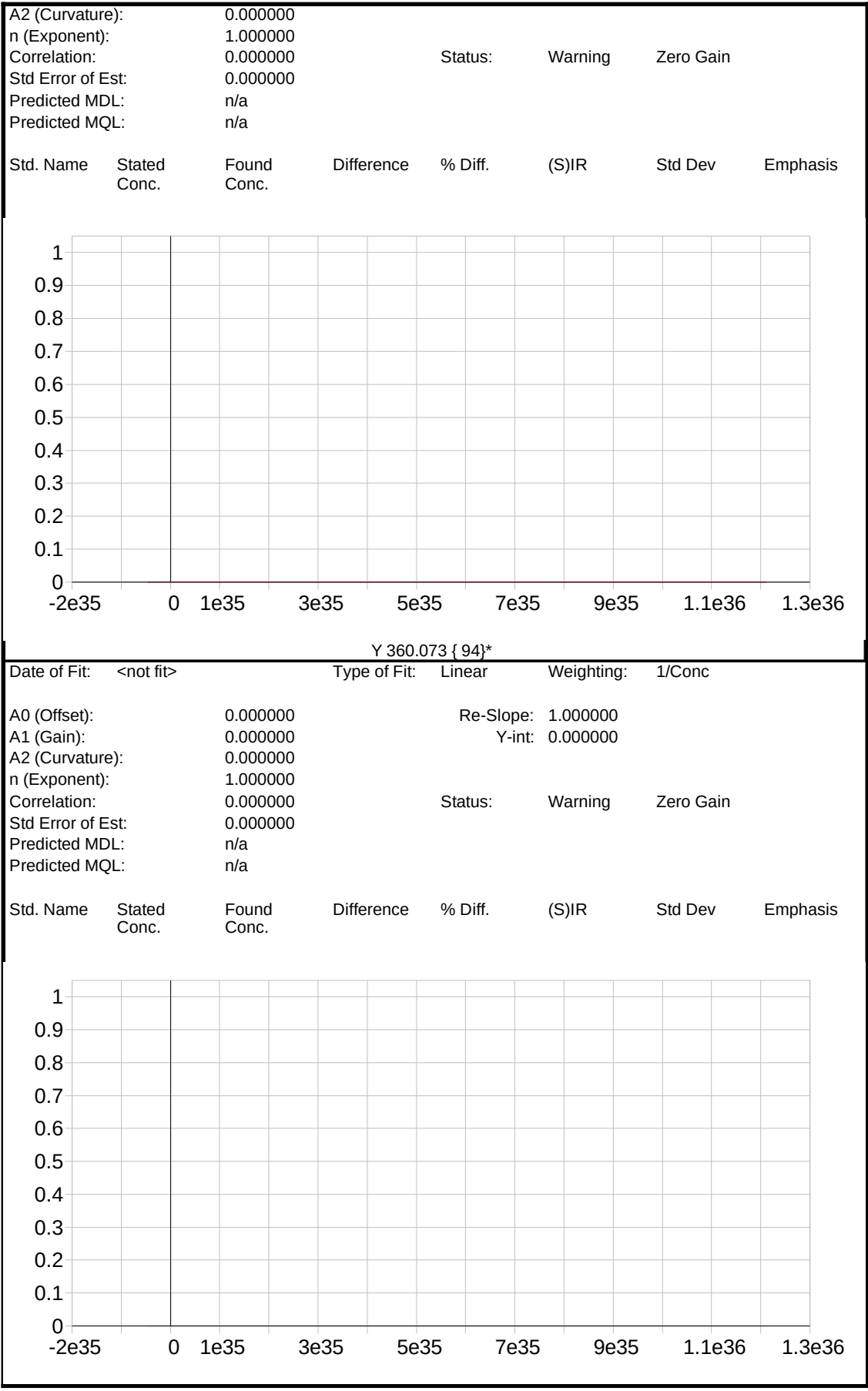
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00323	.000	1
S1	.02000	.01543	-.005	-22.9	-.00161	.000	1
S3	2.5000	2.3083	-.192	-7.67	.23871	.000	1
S4	5.0000	4.7967	-.203	-4.07	.49954	.001	1
S5	10.000	10.400	.400	4.00	1.0869	.005	1

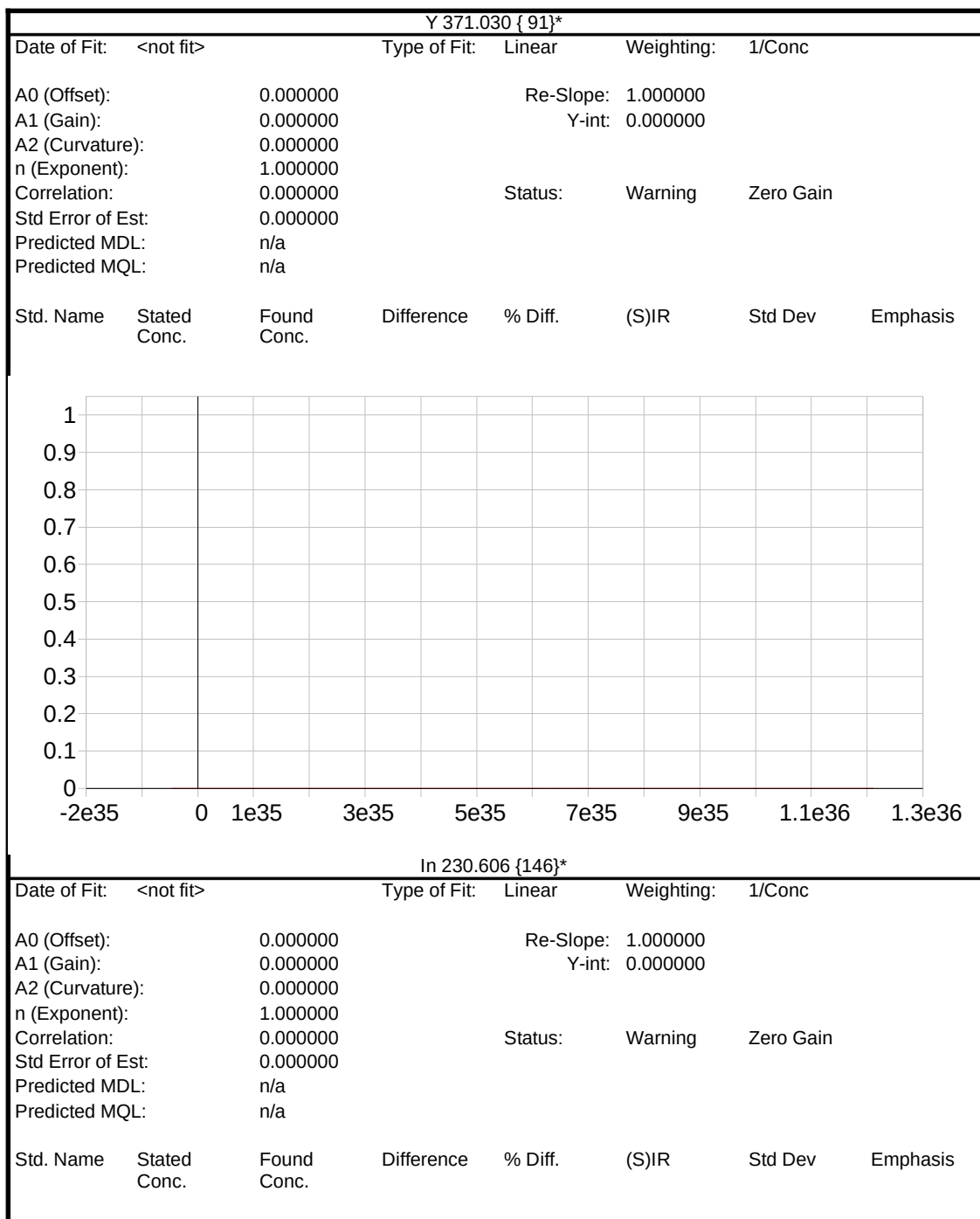


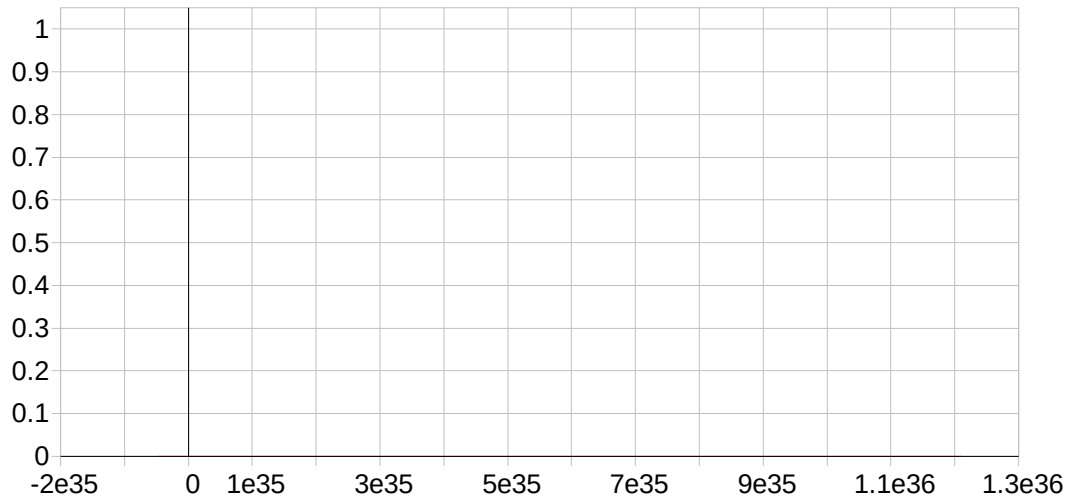
Y 224.306 {450}*

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

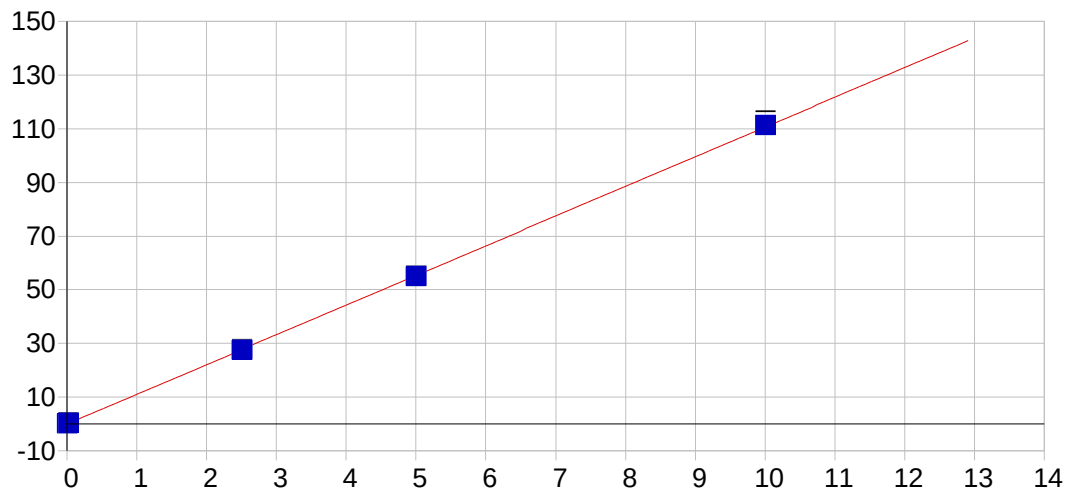
Status: Warning Zero Gain

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: 9/24/2019 16:30:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001264

Re-Slope: 1.000000

A1 (Gain): 11.066277

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999976

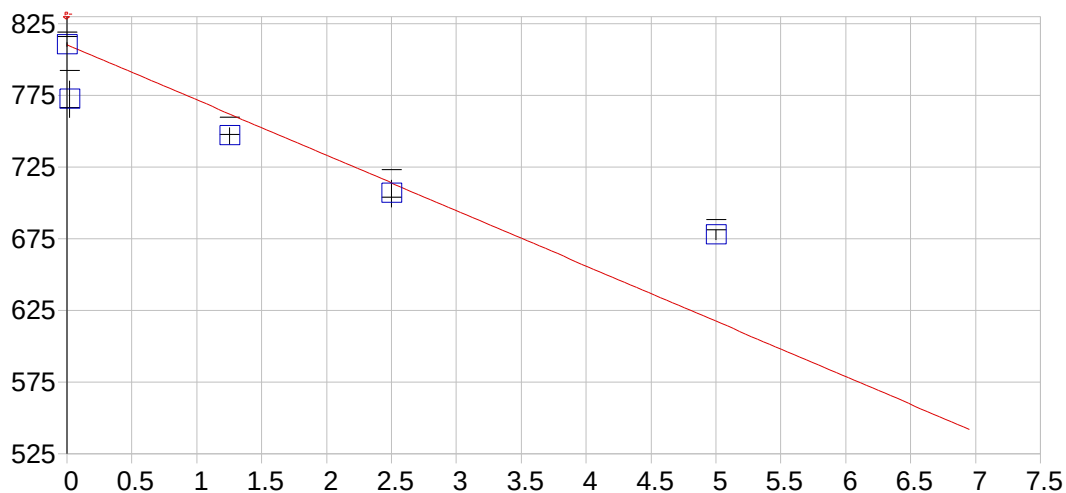
Status: OK.

Std Error of Est: 0.001848

Predicted MDL: 0.000144

Predicted MQL: 0.000481

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00127	.002	1
S1	.02000	.02102	.001	5.12	.23262	.004	1
S3	2.5000	2.4743	-.026	-1.03	27.411	.335	1
S4	5.0000	4.9682	-.032	-.637	55.039	.135	1
S5	10.000	10.056	.056	.565	111.41	1.38	1

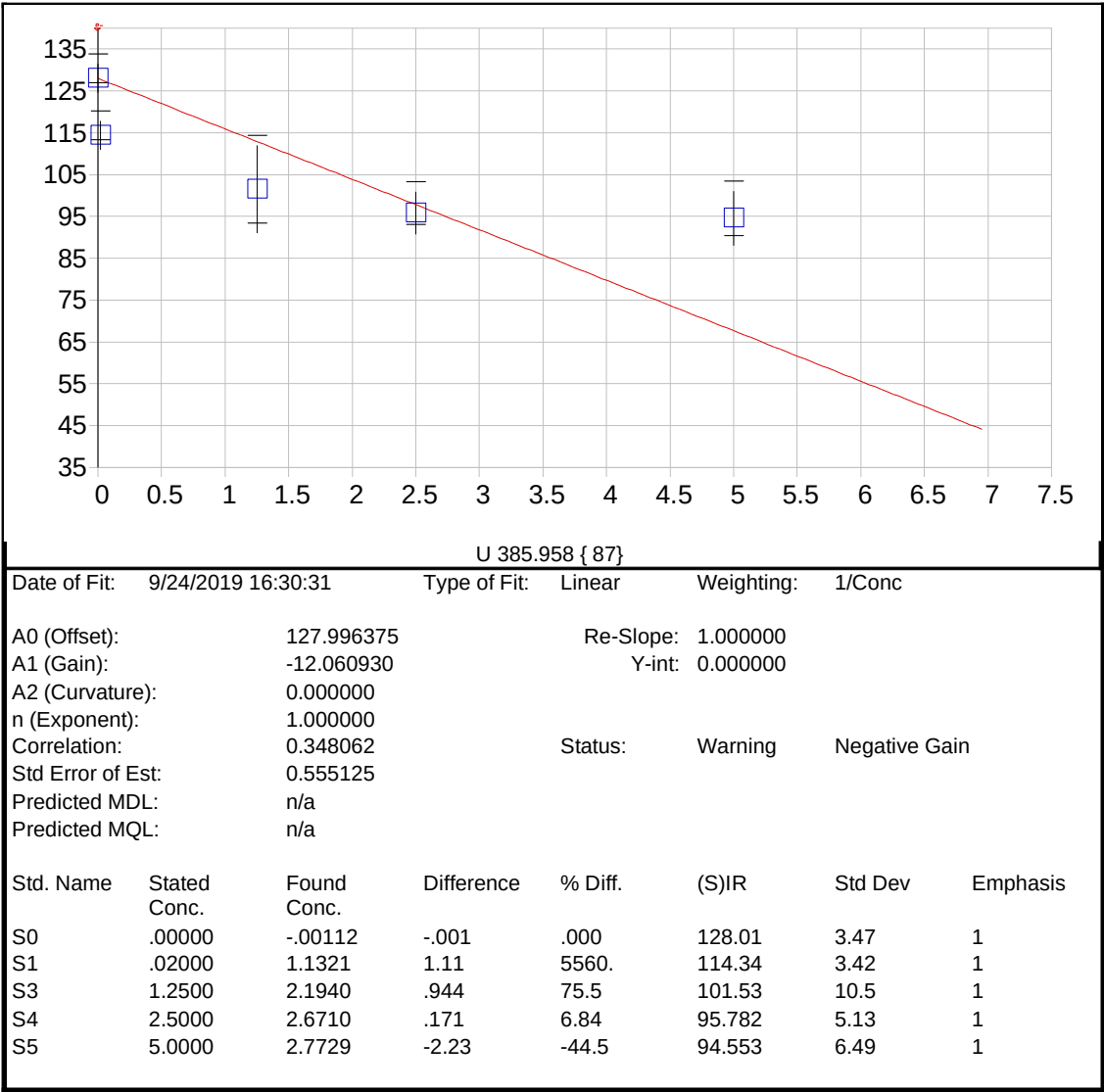


U 367.007 { 92 }

Date of Fit: 9/24/2019 16:30:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 810.511826 Re-Slope: 1.000000
 A1 (Gain): -38.609550 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.393728 Status: Warning Negative Gain
 Std Error of Est: 1.540384
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00097	-.001	.000	810.55	1.39	1
S1	.02000	.99083	.971	4850.	772.26	13.0	1
S3	1.2500	1.6486	.399	31.9	746.86	6.03	1
S4	2.5000	2.6903	.190	7.61	706.64	9.68	1
S5	5.0000	3.4403	-1.56	-31.2	677.68	3.47	1



Sample Name: S0 Acquired: 9/24/2019 11:47:54 Type: Cal
Method: P4-ICP2(v3400) 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	-.00075	.00040	-.00233	.00029	.00038	.00077	.00006	-.00014
Stddev	.00015	.00034	.00038	.00011	.00011	.00005	.00039	.00002
%RSD	20.326	85.237	16.395	37.052	28.821	6.7659	634.62	17.886

#1	-.00089	.00007	-.00192	.00019	.00050	.00082	.00051	-.00016
#2	-.00058	.00037	-.00241	.00028	.00036	.00072	-.00015	-.00014
#3	-.00077	.00075	-.00268	.00040	.00028	.00078	-.00018	-.00011

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	-.00232	-.00030	.00022	-.00180	.03339	.00048	.00047	.00015
Stddev	.00041	.00028	.00012	.00049	.00027	.00006	.00003	.00006
%RSD	17.576	90.576	56.546	27.198	.80414	12.150	7.0761	41.766

#1	-.00270	-.00062	.00034	-.00134	.03352	.00044	.00047	.00008
#2	-.00236	-.00019	.00009	-.00175	.03356	.00055	.00051	.00020
#3	-.00189	-.00011	.00022	-.00231	.03308	.00046	.00044	.00016

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	-.01437	.00135	.00279	.00033	.01275	.00011	.00036	.00012
Stddev	.00028	.00008	.00063	.00012	.00030	.00036	.00029	.00002
%RSD	1.9275	6.0400	22.457	37.677	2.3495	324.26	81.431	17.990

#1	-.01433	.00142	.00223	.00022	.01307	-.00015	.00011	.00014
#2	-.01467	.00126	.00267	.00046	.01247	-.00005	.00068	.00012
#3	-.01412	.00137	.00346	.00031	.01271	.00053	.00029	.00009

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	.00168	.01669	.00060	.00571	.05229	-.0032	-.00127	810.55
Stddev	.00013	.00075	.00008	.00024	.00222	.0001	.00177	1.39
%RSD	7.8913	4.5042	13.805	4.2421	4.2526	3.310	139.35	.17102

#1	.00175	.01755	.00058	.00597	.04980	-.0032	-.00012	809.25
#2	.00153	.01616	.00053	.00567	.05408	-.0033	-.00039	810.40
#3	.00177	.01637	.00069	.00549	.05298	-.0031	-.00332	812.01

Sample Name: S0 Acquired: 9/24/2019 11:47:54 Type: Cal
 Method: P4-ICP2(v3400) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	128.01
Stddev	3.47
%RSD	2.7090

#1	127.05
#2	125.12
#3	131.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.4	40648.	3020.5	161.98	2501.7
Stddev	9.2	117.	11.6	.63	3.3
%RSD	.39208	.28703	.38543	.38725	.13282

#1	2343.1	40523.	3013.9	161.63	2501.3
#2	2345.1	40667.	3013.6	161.61	2498.5
#3	2360.0	40754.	3033.9	162.71	2505.1

Sample Name: S1 Acquired: 9/24/2019 11:52:21 Type: Cal
Method: P4-ICP2(v3400) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00102	.00590	.00084	.00140	.00692	.00151	.00320	.00496
Stddev	.00006	.00041	.00031	.00016	.00006	.00008	.00019	.00003
%RSD	5.5978	7.0124	37.373	11.689	.79746	5.0539	6.0369	.58189

#1	.00101	.00544	.00086	.00142	.00689	.00160	.00343	.00492
#2	.00096	.00601	.00052	.00155	.00689	.00145	.00307	.00498
#3	.00108	.00624	.00114	.00123	.00699	.00149	.00312	.00497

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	.02067	.00236	.03419	.05860	.01243	.02325	.01924	.00450
Stddev	.00053	.00012	.00051	.00017	.00004	.00018	.00023	.00016
%RSD	2.5616	5.0305	1.4788	.29326	.28744	.75817	1.1759	3.5015

#1	.02076	.00231	.03379	.05846	.01243	.02327	.01934	.00450
#2	.02115	.00250	.03476	.05856	.01246	.02342	.01898	.00465
#3	.02010	.00228	.03404	.05879	.01239	.02307	.01940	.00434

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	.01066	.11543	.21209	.00080	.00252	.21975	.01223	.02161
Stddev	.00007	.00009	.00040	.00002	.00018	.00312	.00016	.00073
%RSD	.67088	.07869	.18743	2.8386	7.1397	1.4219	1.2916	3.4015

#1	.01074	.11541	.21254	.00083	.00272	.22061	.01215	.02179
#2	.01062	.11553	.21179	.00079	.00237	.21628	.01241	.02080
#3	.01062	.11535	.21194	.00079	.00246	.22235	.01212	.02223

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05920	-.0016	.23262	772.26	114.34
Stddev	.00297	.0001	.00377	12.97	3.42
%RSD	5.0233	4.656	1.6207	1.6800	2.9914

#1	.05794	-.0015	.23247	762.14	111.79
#2	.05706	-.0016	.22892	786.89	113.00
#3	.06259	-.0017	.23646	767.74	118.23

Sample Name: S1 Acquired: 9/24/2019 11:52:21 Type: Cal
 Method: P4-ICP2(v3400) 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	2330.7	40418.	3036.1	162.36	2478.8
Stddev	9.1	186.	61.2	1.71	3.3
%RSD	.39053	.45969	2.0162	1.0518	.13375
#1	2320.7	40263.	3014.7	160.77	2475.3
#2	2338.4	40366.	3105.1	164.16	2481.9
#3	2333.1	40624.	2988.4	162.13	2479.1

Sample Name: S2 Acquired: 9/24/2019 11:56:48 Type: Cal
Method: P4-ICP2(v3400) 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	.16827	.00430	.05411	.01596
Stddev	.00169	.00008	.00019	.00009
%RSD	1.0017	1.9125	.34706	.55432

#1	.16635	.00423	.05403	.01597
#2	.16950	.00439	.05433	.01587
#3	.16897	.00430	.05398	.01605

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	40654.	3021.7
Stddev	114.	6.6
%RSD	.27930	.21867

#1	40534.	3021.0
#2	40669.	3028.6
#3	40760.	3015.4

Sample Name: S3 Acquired: 9/24/2019 12:01:02 Type: Cal
Method: P4-ICP2(v3400) 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	.21160	.31903	.66219	.18868	.30491	.03402	.15439	.09608
Stddev	.00096	.00177	.00227	.00042	.00035	.00022	.00125	.00017
%RSD	.45212	.55519	.34281	.22093	.11504	.65709	.80830	.17718

#1	.21238	.32067	.66371	.18850	.30461	.03400	.15377	.09620
#2	.21053	.31715	.65958	.18838	.30483	.03381	.15357	.09588
#3	.21189	.31927	.66328	.18916	.30530	.03426	.15583	.09616

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	4.4937	.97117	.10119	1.4209	.76193	.27412	1.2455	.02395
Stddev	.0135	.01398	.00029	.0062	.00204	.00078	.0045	.00010
%RSD	.30059	1.4397	.28635	.43545	.26782	.28630	.36233	.40071

#1	4.5020	.97117	.10124	1.4248	.76250	.27342	1.2500	.02386
#2	4.4781	.95719	.10146	1.4138	.75966	.27497	1.2410	.02393
#3	4.5010	.98515	.10088	1.4241	.76362	.27397	1.2455	.02405

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	.97593	.18710	.30327	.30797	2.9787	.09680	2.4599	.01643
Stddev	.00344	.00070	.00148	.00027	.0090	.00029	.0072	.00020
%RSD	.35198	.37540	.48679	.08745	.30072	.29453	.29296	1.2279

#1	.97688	.18758	.30240	.30815	2.9846	.09663	2.4595	.01630
#2	.97212	.18741	.30243	.30811	2.9684	.09663	2.4529	.01633
#3	.97879	.18629	.30497	.30766	2.9831	.09712	2.4673	.01666

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	.13891	1.2881	.73469	.99480	.58873	.2387	27.411	746.86
Stddev	.00072	.0167	.00130	.01384	.00773	.0003	.335	6.03
%RSD	.51488	1.2984	.17743	1.3909	1.3131	.1344	1.2222	.80694

#1	.13876	1.2984	.73575	.99428	.59053	.2390	27.451	741.03
#2	.13828	1.2688	.73323	.98123	.58025	.2383	27.058	753.06
#3	.13969	1.2971	.73509	1.0089	.59540	.2388	27.725	746.49

Sample Name: S3 Acquired: 9/24/2019 12:01:02 Type: Cal
 Method: P4-ICP2(v3400) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	101.53
Stddev	10.48
%RSD	10.318

#1	106.23
#2	108.84
#3	89.531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.1	40338.	3026.5	160.00	2370.0
Stddev	6.6	143.	31.5	2.98	6.2
%RSD	.28480	.35469	1.0409	1.8647	.26317

#1	2324.6	40188.	2999.0	158.54	2368.1
#2	2325.2	40352.	3060.8	163.43	2376.9
#3	2313.4	40473.	3019.5	158.03	2364.9

Sample Name: S4 Acquired: 9/24/2019 12:05:04 Type: Cal
Method: P4-ICP2(v3400) 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	.42417	.64710	1.3471	.37557	.60864	.06755	.30836	.19061
Stddev	.00182	.00168	.0016	.00049	.00080	.00030	.00151	.00022
%RSD	.42860	.25893	.12087	.12964	.13158	.44846	.48867	.11574

#1	.42401	.64904	1.3475	.37541	.60954	.06776	.30876	.19059
#2	.42606	.64612	1.3484	.37612	.60833	.06720	.30669	.19040
#3	.42243	.64614	1.3453	.37518	.60803	.06769	.30962	.19084

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	9.2022	1.9376	.19961	2.8965	1.4646	.53604	2.4622	.04756
Stddev	.0117	.0117	.00028	.0021	.0018	.00101	.0047	.00018
%RSD	.12686	.60361	.14151	.07316	.12565	.18858	.19160	.38447

#1	9.2034	1.9325	.19986	2.8971	1.4667	.53582	2.4637	.04776
#2	9.2131	1.9510	.19965	2.8982	1.4636	.53714	2.4660	.04741
#3	9.1899	1.9294	.19930	2.8941	1.4635	.53515	2.4570	.04751

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	1.9910	.36596	.60501	.61128	6.0526	.19339	4.9026	.03325
Stddev	.0046	.00067	.00203	.00125	.0096	.00056	.0031	.00027
%RSD	.23083	.18362	.33598	.20380	.15878	.28877	.06279	.80173

#1	1.9898	.36612	.60692	.61253	6.0595	.19379	4.9009	.03313
#2	1.9960	.36653	.60287	.61127	6.0567	.19276	4.9061	.03307
#3	1.9871	.36522	.60524	.61004	6.0416	.19363	4.9007	.03356

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	.28579	2.5346	1.4988	1.9921	1.0839	.4995	55.039	706.64
Stddev	.00081	.0101	.0016	.0053	.0012	.0007	.135	9.68
%RSD	.28206	.40029	.10607	.26603	.11107	.1454	.24498	1.3693

#1	.28600	2.5246	1.4971	1.9861	1.0830	.5001	55.091	707.70
#2	.28646	2.5449	1.4992	1.9938	1.0834	.4987	55.139	696.48
#3	.28489	2.5342	1.5001	1.9963	1.0852	.4997	54.885	715.74

Sample Name: S4 Acquired: 9/24/2019 12:05:04 Type: Cal
 Method: P4-ICP2(v3400) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	95.782
Stddev	5.132
%RSD	5.3579

#1	89.856
#2	98.794
#3	98.695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.7	39605.	2979.0	153.15	2243.9
Stddev	4.9	135.	14.3	.71	4.7
%RSD	.21465	.34153	.47932	.46641	.21021

#1	2264.1	39464.	2972.4	152.38	2239.8
#2	2268.1	39617.	2969.2	153.79	2242.8
#3	2273.8	39734.	2995.3	153.26	2249.0

Sample Name: S5 Acquired: 9/24/2019 12:09:02 Type: Cal
Method: P4-ICP2(v3400) 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	.87288	1.3452	2.8379	.76429	1.2457	.13878	.63484	.38338
Stddev	.00235	.0075	.0123	.00257	.0044	.00194	.00930	.00351
%RSD	.26965	.55683	.43152	.33643	.35257	1.3977	1.4646	.91620

#1	.87291	1.3488	2.8426	.76680	1.2487	.13765	.63354	.38481
#2	.87522	1.3502	2.8470	.76440	1.2478	.14102	.64472	.38595
#3	.87051	1.3366	2.8239	.76166	1.2407	.13768	.62627	.37938

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	19.430	3.9511	.40221	6.1150	2.9214	1.0720	4.8828	.09767
Stddev	.086	.0170	.00523	.0236	.0122	.0150	.1138	.00112
%RSD	.44099	.43120	1.3012	.38577	.41635	1.3954	2.3306	1.1436

#1	19.487	3.9351	.40193	6.1290	2.9309	1.0775	4.9153	.09723
#2	19.471	3.9690	.40758	6.1284	2.9255	1.0835	4.9768	.09894
#3	19.331	3.9493	.39712	6.0878	2.9077	1.0551	4.7563	.09685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1976	.73808	1.2376	1.2411	12.794	.40092	9.9953	.06867
Stddev	.0126	.00905	.0163	.0149	.050	.00580	.0432	.00084
%RSD	.30030	1.2258	1.3186	1.1999	.38974	1.4478	.43220	1.2185

#1	4.2065	.73948	1.2363	1.2447	12.823	.39912	10.023	.06833
#2	4.2032	.74635	1.2545	1.2539	12.822	.40741	10.017	.06962
#3	4.1832	.72842	1.2220	1.2248	12.736	.39623	9.9455	.06805

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	.61900	5.0945	3.1582	4.0413	2.1471	1.087	111.41	677.68
Stddev	.00396	.0020	.0118	.0265	.0076	.005	1.38	3.47
%RSD	.63946	.03867	.37201	.65469	.35553	.4906	1.2390	.51215

#1	.62261	5.0936	3.1627	4.0193	2.1450	1.091	109.93	673.91
#2	.61960	5.0932	3.1670	4.0706	2.1556	1.088	112.66	678.39
#3	.61477	5.0968	3.1448	4.0339	2.1408	1.081	111.64	680.75

Sample Name: S5 Acquired: 9/24/2019 12:09:02 Type: Cal
 Method: P4-ICP2(v3400) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	94.553
Stddev	6.493
%RSD	6.8668

#1	98.743
#2	97.841
#3	87.074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.7	38887.	2952.6	152.86	2091.4
Stddev	5.8	491.	8.2	2.38	5.8
%RSD	.26032	1.2616	.27821	1.5537	.27776

#1	2209.3	38763.	2950.4	155.53	2088.3
#2	2209.4	38469.	2945.8	150.98	2087.7
#3	2219.3	39427.	2961.7	152.08	2098.1

Sample Name: ICV01 Acquired: 9/24/2019 12:13:13 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0007	1.0078	.97760	1.0173	1.0062	2.5631	.51862
Stddev	.0037	.0020	.00232	.0050	.0058	.0350	.00281
%RSD	.36785	.19900	.23709	.49598	.58077	1.3639	.54151

#1	.99652	1.0076	.97630	1.0218	1.0051	2.5866	.51941
#2	1.0032	1.0099	.97622	1.0181	1.0011	2.5229	.51550
#3	1.0025	1.0059	.98027	1.0118	1.0126	2.5797	.52095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50027	.47729	10.302	.51091	.49046	.52695	5.1918
Stddev	.00058	.00144	.083	.00156	.00189	.00150	.0096
%RSD	.11657	.30205	.80887	.30613	.38497	.28474	.18405

#1	.49980	.47786	10.275	.51054	.49151	.52686	5.1996
#2	.50092	.47566	10.235	.51262	.48828	.52550	5.1948
#3	.50008	.47836	10.395	.50956	.49158	.52850	5.1812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52429	6.0682	.49601	.51336	10.076	.50858	.96369
Stddev	.00028	.0679	.00167	.00148	.023	.00115	.00292
%RSD	.05326	1.1184	.33616	.28774	.23156	.22520	.30329

#1	.52446	6.1351	.49639	.51368	10.049	.50987	.96667
#2	.52397	5.9994	.49419	.51466	10.089	.50768	.96083
#3	.52444	6.0703	.49746	.51175	10.090	.50819	.96357

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.101	2.5943	2.5678	F .00025	2.4926	2.4359	2.5420
Stddev	.071	.0029	.0048	.00406	.0217	.0012	.0109
%RSD	.70523	.11134	.18584	1593.6	.86989	.04851	.42892

#1	10.132	2.5926	2.5722	-.00326	2.4722	2.4365	2.5337
#2	10.019	2.5926	2.5684	-.00067	2.5154	2.4366	2.5380
#3	10.151	2.5976	2.5627	.00469	2.4903	2.4345	2.5543

Sample Name: ICV01 Acquired: 9/24/2019 12:13:13 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01346	F -.0058	F .00624	F 2.3069	F<.00000
Stddev	.02797	.0008	.00009	.1319	1.1724
%RSD	207.79	13.16	1.4244	5.7189	30.514
#1	.04575	-.0057	.00621	2.3813	-4.6008
#2	-.00222	-.0050	.00634	2.3849	-2.4918
#3	-.00315	-.0066	.00618	2.1546	-4.4339
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.3	40372.	3011.7	161.41	2409.5
Stddev	3.1	122.	18.8	2.55	6.7
%RSD	.13452	.30273	.62333	1.5784	.27964
#1	2315.3	40352.	3020.5	161.85	2402.9
#2	2319.8	40262.	2990.1	158.67	2416.3
#3	2313.8	40503.	3024.4	163.70	2409.3

Sample Name: LLICV01 Acquired: 9/24/2019 12:22:34 Type: Unk
Method: P4-ICP2(v3400) 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	.02098	.04280	.01070	.01786	.05635	.11142	.10118	.00659
Stddev	.00188	.00158	.00043	.00297	.00255	.02007	.00412	.00008
%RSD	8.9728	3.6930	4.0151	16.637	4.5214	18.015	4.0728	1.2224
#1	.01932	.04107	.01025	.01743	.05870	.09216	.09644	.00651
#2	.02303	.04315	.01073	.01513	.05672	.10988	.10317	.00667
#3	.02061	.04417	.01111	.02102	.05364	.13222	.10392	.00658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.1312	.01102	.03110	.02396	.11187	.02344	2.1737
Stddev	.00003	.0076	.00033	.00049	.00043	.00111	.00017	.0638
%RSD	.51343	.35742	2.9565	1.5837	1.8049	.99282	.71290	2.9370
#1	.00610	2.1237	.01066	.03081	.02359	.11062	.02325	2.1249
#2	.00616	2.1389	.01114	.03083	.02384	.11227	.02351	2.1503
#3	.00612	2.1310	.01128	.03167	.02443	.11273	.02357	2.2460
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04162	.01100	2.0565	.04312	.04195	1.9950	.22050	.10947
Stddev	.00121	.00018	.0130	.00028	.00060	.0271	.00186	.00452
%RSD	2.9144	1.6471	.63183	.65541	1.4362	1.3590	.84433	4.1303
#1	.04042	.01090	2.0424	.04287	.04186	2.0228	.21984	.10426
#2	.04160	.01121	2.0591	.04307	.04140	1.9934	.21905	.11235
#3	.04285	.01089	2.0680	.04343	.04260	1.9687	.22260	.11179
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01542	.42611	.03878	.04247	F .04268	.0171	.02112	F 2.4512
Stddev	.00105	.00503	.00132	.00138	.02330	.0009	.00020	.2032
%RSD	6.8187	1.1804	3.4107	3.2599	54.592	5.539	.92897	8.2886
#1	.01454	.42368	.03965	.04088	.06332	.0170	.02116	2.6288
#2	.01513	.42276	.03726	.04309	.01742	.0181	.02090	2.4951
#3	.01658	.43189	.03944	.04343	.04731	.0163	.02128	2.2296

Sample Name: LLICV01 Acquired: 9/24/2019 12:22:34 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .41117
Stddev	.86338
%RSD	209.98

#1	.86539
#2	.95263
#3	-.58450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.0	39770.	2962.2	161.23	2416.7
Stddev	18.5	73.	2.9	1.61	21.4
%RSD	.82069	.18391	.09730	.99800	.88729

#1	2251.7	39702.	2965.4	162.00	2410.4
#2	2275.0	39847.	2961.6	162.31	2440.6
#3	2238.4	39763.	2959.7	159.38	2399.1

Sample Name: ICB01 Acquired: 9/24/2019 12:27:00 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	.00021	-.00188	-.00461	.00056	-.00366	-.00150	.00000
Stddev	.00150	.00189	.00061	.00180	.00274	.00322	.00862	.00005
%RSD	49.655	882.55	32.261	39.107	489.33	87.945	573.93	11776.
#1	-.00439	-.00099	-.00256	-.00514	.00019	-.00131	-.01145	.00004
#2	-.00326	.00239	-.00139	-.00260	.00346	-.00234	.00369	.00001
#3	-.00142	-.00075	-.00170	-.00609	-.00198	-.00732	.00326	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00147	.00009	-.00012	.00021	-.00042	-.00008	.02273
Stddev	.00007	.02191	.00049	.00053	.00012	.00063	.00010	.02533
%RSD	136.44	1487.1	516.86	430.16	57.177	148.81	125.16	111.41
#1	.00002	.00457	.00023	-.00031	.00009	-.00088	-.00008	.03852
#2	.00000	.01678	.00050	-.00054	.00033	-.00069	-.00019	-.00648
#3	.00013	-.02577	-.00045	.00048	.00022	.00030	.00002	.03616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00037	-.08003	-.00005	.00003	-.13689	-.00039	.00678
Stddev	.00021	.00020	.00431	.00049	.00009	.02134	.00016	.00069
%RSD	38.249	53.490	5.3862	933.16	289.95	15.588	40.203	10.166
#1	-.00048	.00048	-.08487	-.00060	-.00001	-.15767	-.00057	.00679
#2	-.00038	.00014	-.07659	.00009	.00014	-.13796	-.00029	.00609
#3	-.00079	.00049	-.07863	.00035	-.00003	-.11504	-.00031	.00747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00483	.00195	-.00082	-.00165	F .01603	-.0022	-.00010	F 2.2532
Stddev	.00101	.00108	.00018	.00114	.02264	.0005	.00008	.0608
%RSD	20.906	55.193	22.170	69.326	141.18	21.27	79.992	2.7003
#1	-.00404	.00152	-.00062	-.00229	.02457	-.0020	-.00016	2.3209
#2	-.00448	.00116	-.00098	-.00033	-.00963	-.0019	-.00001	2.2355
#3	-.00596	.00318	-.00085	-.00233	.03316	-.0027	-.00012	2.2032

Sample Name: ICB01 Acquired: 9/24/2019 12:27:00 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0667
Stddev	.2476
%RSD	23.211

#1	.79086
#2	1.1395
#3	1.2697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.8	40190.	2955.8	160.27	2454.9
Stddev	7.0	197.	8.7	1.86	5.7
%RSD	.30715	.49110	.29539	1.1600	.23346

#1	2290.1	40129.	2953.6	158.90	2458.6
#2	2276.3	40411.	2948.4	159.52	2448.3
#3	2285.1	40031.	2965.4	162.39	2457.7

Sample Name: CRI01 Acquired: 9/24/2019 12:31:27 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01930	.04280	.01131	.01626	.05632	.09180	.10470	.00678
Stddev	.00140	.00139	.00078	.00474	.00104	.01236	.00501	.00005
%RSD	7.2309	3.2565	6.9029	29.128	1.8385	13.464	4.7835	.77205
#1	.02030	.04206	.01054	.01618	.05737	.07945	.09953	.00680
#2	.01990	.04194	.01129	.01156	.05530	.10417	.10953	.00682
#3	.01771	.04441	.01210	.02103	.05628	.09178	.10503	.00672
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	2.1375	.01116	.03031	.02379	.11067	.02339	2.1490
Stddev	.00014	.0080	.00029	.00035	.00046	.00044	.00022	.0333
%RSD	2.2965	.37350	2.6003	1.1438	1.9309	.40094	.92202	1.5507
#1	.00628	2.1312	.01087	.02991	.02404	.11119	.02344	2.1170
#2	.00603	2.1465	.01117	.03050	.02407	.11038	.02315	2.1835
#3	.00627	2.1348	.01145	.03053	.02326	.11045	.02357	2.1465
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04119	.01099	2.0326	.04275	.04145	1.9571	.21829	.11159
Stddev	.00018	.00014	.0169	.00018	.00010	.0205	.00047	.00704
%RSD	.42727	1.2822	.82921	.42718	.24907	1.0464	.21537	6.3106
#1	.04105	.01099	2.0519	.04264	.04134	1.9775	.21883	.11970
#2	.04113	.01113	2.0209	.04265	.04154	1.9365	.21797	.10802
#3	.04139	.01085	2.0248	.04296	.04149	1.9572	.21808	.10705
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01316	.42882	.03783	.03982	F .04674	.0174	.02089	F 2.9052
Stddev	.00370	.00440	.00019	.00217	.01246	.0002	.00002	.3674
%RSD	28.133	1.0266	.49515	5.4609	26.665	1.231	.10889	12.647
#1	.00889	.42377	.03804	.04113	.04426	.0174	.02090	2.6770
#2	.01511	.43180	.03777	.04102	.06026	.0176	.02087	3.3290
#3	.01548	.43090	.03768	.03731	.03571	.0172	.02091	2.7095

Sample Name: CRI01 Acquired: 9/24/2019 12:31:27 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .61313
Stddev .74268
%RSD 121.13

#1 -.06563
#2 1.4064
#3 .49860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.2	40117.	2960.4	160.46	2456.5
Stddev	5.1	175.	5.1	.52	4.8
%RSD	.22439	.43674	.17381	.32282	.19632

#1	2283.9	39933.	2965.8	159.87	2458.0
#2	2293.1	40136.	2955.5	160.65	2460.4
#3	2284.6	40282.	2959.9	160.85	2451.1

Sample Name: ICSA01 Acquired: 9/24/2019 12:35:54 Type: Unk
Method: P4-ICP2(v3400) 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	.00813	.01270	.00073	.00819	.00153	282.46	.00932	.00081
Stddev	.00574	.00113	.00090	.00429	.00232	4.70	.00335	.00017
%RSD	70.631	8.8629	124.19	52.408	151.62	1.6641	35.960	20.636
#1	.00206	.01392	-.00020	.00444	.00297	278.17	.00643	.00084
#2	.00887	.01250	.00077	.00725	-.00115	281.73	.01300	.00097
#3	.01347	.01169	.00161	.01287	.00277	287.49	.00855	.00063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	256.78	.05337	-.00086	.00749	99.614	.01299	274.77
Stddev	.00037	.79	.00153	.00023	.00135	1.010	.00023	4.31
%RSD	6.6739	.30877	2.8740	26.764	18.082	1.0143	1.7553	1.5689
#1	.00587	255.86	.05207	-.00068	.00883	99.049	.01289	271.32
#2	.00555	257.26	.05297	-.00112	.00751	99.012	.01282	273.39
#3	.00514	257.22	.05506	-.00079	.00613	100.78	.01325	279.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01204	-.00065	-.03865	.00146	-.01400	-.10779	.00066	-.01834
Stddev	.00073	.00007	.01239	.00061	.00057	.03211	.00021	.00507
%RSD	6.0495	10.537	32.059	41.465	4.0862	29.793	32.521	27.642
#1	-.01120	-.00070	-.04642	.00094	-.01350	-.08186	.00074	-.01746
#2	-.01241	-.00068	-.04516	.00133	-.01386	-.14371	.00042	-.01377
#3	-.01252	-.00057	-.02436	.00213	-.01462	-.09779	.00082	-.02379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01509	-.00101	.00082	-.00422	F .06438	-.0028	-.00468	4.5016
Stddev	.00545	.00026	.00108	.00317	.00832	.0010	.00130	.3510
%RSD	36.077	26.075	131.24	75.110	12.930	36.50	27.835	7.7983
#1	.01894	-.00076	.00128	-.00330	.06223	-.0023	-.00398	4.2700
#2	.01748	-.00128	.00160	-.00775	.05734	-.0021	-.00387	4.3293
#3	.00886	-.00099	-.00041	-.00161	.07356	-.0040	-.00618	4.9055

Sample Name: ICSA01 Acquired: 9/24/2019 12:35:54 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.30087
%RSD	.32691

#1	-91.949
#2	-91.788
#3	-92.371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.2	36752.	2883.9	148.75	2008.6
Stddev	18.8	315.	15.4	1.40	16.4
%RSD	.89228	.85754	.53357	.93868	.81861

#1	2085.1	36921.	2869.2	147.35	1990.1
#2	2122.4	36946.	2882.4	148.75	2021.5
#3	2108.2	36388.	2899.9	150.15	2014.2

Sample Name: ICSAB01 Acquired: 9/24/2019 12:40:34 Type: Unk
Method: P4-ICP2(v3400) 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	.11215	.11359	.05453	.05989	.64594	282.26	.57184
Stddev	.00638	.00267	.00140	.00397	.00528	6.61	.01457
%RSD	5.6895	2.3504	2.5749	6.6268	.81681	2.3420	2.5481

#1	.10533	.11618	.05601	.05659	.64427	277.05	.56852
#2	.11316	.11375	.05322	.06429	.65185	280.04	.55922
#3	.11797	.11085	.05436	.05879	.64170	289.70	.58779

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56546	1.0423	254.98	.58162	.52014	.52540	99.765
Stddev	.00881	.0040	.26	.01062	.00094	.00023	1.650
%RSD	1.5577	.37939	.10236	1.8254	.17990	.04365	1.6542

#1	.56386	1.0447	254.90	.57735	.52122	.52544	98.897
#2	.55757	1.0444	254.78	.57381	.51949	.52561	98.730
#3	.57496	1.0377	255.28	.59371	.51973	.52516	101.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55490	274.92	1.0222	.21995	-.05165	.53809	1.0797
Stddev	.00907	6.12	.0042	.00197	.00906	.01054	.0056
%RSD	1.6352	2.2254	.40710	.89468	17.540	1.9585	.51829

#1	.55056	270.54	1.0248	.21893	-.05671	.53289	1.0837
#2	.54880	272.31	1.0243	.21870	-.05705	.53116	1.0821
#3	.56533	281.91	1.0174	.22222	-.04119	.55022	1.0733

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15659	1.0592	1.0897	F .00668	.95984	1.0543	1.0264
Stddev	.03976	.0030	.0187	.00488	.00644	.0046	.0079
%RSD	25.391	.28241	1.7210	73.061	.67071	.43799	.76610

#1	-.20239	1.0557	1.0727	.00124	.96688	1.0571	1.0174
#2	-.13655	1.0605	1.0865	.00812	.95425	1.0568	1.0317
#3	-.13084	1.0613	1.1098	.01067	.95838	1.0489	1.0301

Sample Name: ICSAB01 Acquired: 9/24/2019 12:40:34 Type: Unk
 Method: P4-ICP2(v3400) 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 .07458	F -.0022	F -.00532	4.7662	<.00000
Stddev	.01527	.0028	.00154	.2050	1.0190
%RSD	20.471	128.8	28.902	4.3010	1.1490
#1	.07372	.0001	-.00441	4.5443	-89.579
#2	.05976	-.0013	-.00445	4.8057	-87.575
#3	.09025	-.0053	-.00709	4.9485	-88.896
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.3	36514.	2880.4	148.73	2005.4
Stddev	.7	562.	25.9	2.42	6.3
%RSD	.03132	1.5388	.89945	1.6292	.31248
#1	2111.5	36857.	2853.0	147.62	1999.7
#2	2110.6	36820.	2883.8	151.51	2004.4
#3	2111.9	35866.	2904.5	147.06	2012.1

Sample Name: CCV01 Acquired: 9/24/2019 12:45:01 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0726	5.0392	4.9926	5.1868	5.1077	10.163	10.125	.25440
Stddev	.0923	.0962	.0917	.0824	.0932	.088	.054	.00018
%RSD	1.8203	1.9086	1.8362	1.5891	1.8244	.87044	.53380	.07089
#1	5.0538	5.0120	4.9749	5.1627	5.0888	10.061	10.069	.25454
#2	5.1729	5.1460	5.0918	5.2786	5.2089	10.217	10.129	.25445
#3	4.9912	4.9595	4.9111	5.1191	5.0255	10.212	10.177	.25419
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4882	25.318	.99630	2.4832	1.2866	5.0380	2.5551	25.012
Stddev	.0483	.148	.00182	.0507	.0242	.0121	.0022	.311
%RSD	1.9400	.58624	.18237	2.0419	1.8842	.23934	.08480	1.2433
#1	2.4801	25.187	.99433	2.4753	1.2790	5.0455	2.5541	24.691
#2	2.5400	25.479	.99668	2.5374	1.3138	5.0241	2.5576	25.032
#3	2.4445	25.286	.99790	2.4370	1.2671	5.0445	2.5536	25.312
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4832	1.2437	25.029	2.5244	2.4848	25.477	5.1009	5.1074
Stddev	.0485	.0009	.084	.0007	.0488	.045	.0899	.0400
%RSD	1.9543	.07057	.33379	.02801	1.9644	.17489	1.7619	.78313
#1	2.4787	1.2433	24.946	2.5246	2.4786	25.438	5.0780	5.0669
#2	2.5338	1.2447	25.028	2.5250	2.5365	25.526	5.1999	5.1085
#3	2.4371	1.2431	25.113	2.5237	2.4394	25.469	5.0246	5.1469
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0223	5.0972	4.9732	5.0445	5.1207	5.080	5.0136	F 4.2326
Stddev	.0743	.0176	.0967	.0037	.0324	.090	.0108	.2995
%RSD	1.4797	.34605	1.9453	.07285	.63251	1.779	.21536	7.0763
#1	5.0179	5.0866	4.9567	5.0403	5.0834	5.062	5.0014	4.5187
#2	5.0988	5.1176	5.0771	5.0468	5.1418	5.178	5.0220	4.2579
#3	4.9503	5.0874	4.8858	5.0464	5.1370	5.000	5.0173	3.9213

Sample Name: CCV01 Acquired: 9/24/2019 12:45:01 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1055
Stddev	.7437
%RSD	23.948

#1	3.8744
#2	3.0524
#3	2.3898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.3	38878.	2930.7	156.68	2201.3
Stddev	37.9	65.	3.5	.59	41.7
%RSD	1.7166	.16677	.11906	.37526	1.8938

#1	2218.8	38950.	2932.1	156.50	2208.5
#2	2166.2	38860.	2926.7	157.33	2156.5
#3	2239.8	38824.	2933.2	156.20	2239.0

Sample Name: LLCCV01 Acquired: 9/24/2019 12:49:02 Type: Unk
Method: P4-ICP2(v3400) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01948	.04421	.00978	.01783	.05550	.10391	.09599	.00681
Stddev	.00252	.00175	.00085	.00227	.00130	.00594	.00465	.00009
%RSD	12.916	3.9505	8.6810	12.753	2.3436	5.7174	4.8473	1.3243
#1	.02238	.04234	.00989	.01529	.05695	.10792	.09379	.00671
#2	.01820	.04449	.01057	.01968	.05510	.09708	.09285	.00682
#3	.01787	.04580	.00889	.01851	.05444	.10672	.10134	.00689
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	2.1248	.01063	.03050	.02362	.11046	.02362	2.1229
Stddev	.00007	.0161	.00059	.00012	.00030	.00075	.00009	.0088
%RSD	1.1581	.75865	5.5129	.39587	1.2520	.68002	.38053	.41412
#1	.00608	2.1121	.01130	.03058	.02384	.11078	.02356	2.1172
#2	.00605	2.1429	.01035	.03036	.02374	.10961	.02372	2.1330
#3	.00619	2.1194	.01024	.03056	.02328	.11100	.02358	2.1185
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04061	.01052	2.0289	.04293	.04172	1.9999	.22079	.10593
Stddev	.00038	.00033	.0103	.00035	.00015	.0278	.00030	.00170
%RSD	.94435	3.1507	.50782	.80367	.35442	1.3909	.13361	1.6065
#1	.04026	.01025	2.0175	.04294	.04156	2.0303	.22096	.10639
#2	.04102	.01043	2.0376	.04258	.04176	1.9757	.22097	.10405
#3	.04056	.01089	2.0317	.04327	.04184	1.9938	.22045	.10736
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01228	.43330	.03774	.04241	F .05408	.0188	.02103	F 3.0868
Stddev	.00171	.00422	.00042	.00091	.00951	.0009	.00029	.2236
%RSD	13.968	.97319	1.1117	2.1471	17.582	4.714	1.3941	7.2424
#1	.01237	.43798	.03739	.04208	.04316	.0195	.02098	3.3207
#2	.01394	.42979	.03821	.04172	.05852	.0191	.02076	3.0642
#3	.01052	.43215	.03763	.04345	.06056	.0178	.02134	2.8753

Sample Name: LLCCV01 Acquired: 9/24/2019 12:49:02 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9622
Stddev .7102
%RSD 36.195

#1 1.2931
#2 1.8860
#3 2.7074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.4	39911.	2952.5	160.98	2436.6
Stddev	5.5	66.	3.5	.85	3.6
%RSD	.24292	.16612	.11991	.52645	.14793

#1	2262.3	39960.	2955.5	160.65	2433.0
#2	2266.7	39836.	2953.4	161.94	2440.2
#3	2273.2	39938.	2948.6	160.35	2436.7

Sample Name: CCB01 Acquired: 9/24/2019 12:53:30 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.00075	-.00281	-.00307	-.00078	-.00823	-.00136	.00006
Stddev	.00209	.00169	.00162	.00073	.00148	.00575	.00557	.00015
%RSD	200.12	226.04	57.600	23.875	191.13	69.916	408.77	237.68
#1	-.00307	-.00119	-.00391	-.00389	.00048	-.00544	.00159	-.00005
#2	-.00117	.00194	-.00357	-.00247	-.00241	-.00440	.00211	.00000
#3	.00111	.00149	-.00095	-.00284	-.00040	-.01484	-.00779	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00623	.00038	.00010	.00008	-.00086	-.00003	.00705
Stddev	.00008	.00644	.00032	.00020	.00043	.00069	.00004	.01610
%RSD	81.577	103.38	82.961	193.05	542.68	80.424	131.27	228.48
#1	.00009	.01365	.00009	.00021	.00033	-.00132	-.00008	.02530
#2	.00002	.00290	.00034	-.00013	.00033	-.00006	-.00000	.00099
#3	.00017	.00214	.00072	.00023	-.00042	-.00120	-.00002	-.00515
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00015	-.10015	-.00010	-.00035	-.12100	.00006	.00695
Stddev	.00028	.00016	.02587	.00028	.00008	.04169	.00024	.00783
%RSD	37.877	109.67	25.837	280.39	23.528	34.454	384.14	112.67
#1	-.00058	-.00005	-.12891	-.00000	-.00039	-.16838	.00033	-.00194
#2	-.00108	-.00006	-.09276	-.00041	-.00026	-.08993	-.00002	.00998
#3	-.00060	-.00033	-.07877	.00012	-.00041	-.10470	-.00013	.01280
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00482	.00210	-.00062	.00079	F .02745	-.0030	-.00050	F 2.8595
Stddev	.00167	.00268	.00029	.00235	.01666	.0009	.00004	.3398
%RSD	34.599	127.75	47.270	299.49	60.676	28.96	7.5444	11.884
#1	-.00444	.00339	-.00089	.00089	.01346	-.0035	-.00047	3.0509
#2	-.00337	-.00098	-.00066	-.00162	.02302	-.0020	-.00054	3.0604
#3	-.00664	.00389	-.00031	.00309	.04587	-.0035	-.00050	2.4671

Sample Name: CCB01 Acquired: 9/24/2019 12:53:30 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3632
Stddev .7075
%RSD 51.900

#1 1.0997
#2 2.1646
#3 .82525

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.5	40055.	2952.8	163.03	2452.5
Stddev	11.9	144.	5.5	1.39	10.0
%RSD	.52180	.35987	.18708	.85546	.40818

#1	2275.5	40000.	2946.4	163.97	2456.0
#2	2263.6	39947.	2955.8	161.43	2441.2
#3	2287.3	40219.	2956.2	163.69	2460.2

Sample Name: LR CHECK 1 Acquired: 9/24/2019 13:00:05 Type: Unk
Method: P4-ICP2(v3400) Mode: 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	.09948	.03194	.64744	-.12122	.02896	1930.3	.24582	.01667
Stddev	.00300	.01015	.00313	.01249	.00127	5.4	.01095	.00047
%RSD	3.0188	31.785	.48411	10.308	4.3748	.28067	4.4549	2.8182

#1	.10183	.03760	.64677	-.13114	.02834	1928.7	.23815	.01677
#2	.09610	.03799	.65085	-.12532	.03042	1936.3	.25836	.01708
#3	.10052	.02022	.64469	-.10718	.02812	1925.8	.24094	.01615

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19751	1800.7	.02289	.08915	.55403	952.96	.04848	1799.6
Stddev	.00197	8.2	.00036	.00162	.00561	3.13	.00074	1.4
%RSD	.99937	.45457	1.5738	1.8128	1.0124	.32888	1.5343	.07938

#1	.19968	1806.3	.02300	.09094	.56025	954.80	.04830	1799.9
#2	.19582	1791.3	.02317	.08781	.55246	949.35	.04930	1798.0
#3	.19702	1804.5	.02248	.08869	.54936	954.75	.04785	1800.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20153	-.11352	1834.3	.01756	.40691	1097.5	.00796	-1.7245
Stddev	.00331	.00127	10.7	.00050	.00467	1.0	.00061	.0212
%RSD	1.6431	1.1193	.58460	2.8437	1.1483	.09161	7.6183	1.2315

#1	.20282	-.11376	1844.3	.01746	.41118	1097.0	.00764	-1.7000
#2	.19777	-.11464	1822.9	.01810	.40192	1096.9	.00759	-1.7363
#3	.20401	-.11214	1835.6	.01711	.40762	1098.6	.00866	-1.7373

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43845	.00420	.02193	-.06953	.52327	.0423	-1.0340	<.00000
Stddev	.01448	.00187	.00170	.00291	.01728	.0064	.0033	.20610
%RSD	3.3027	44.565	7.7697	4.1927	3.3020	15.11	.31958	1.9190

#1	.44496	.00271	.02239	-.07096	.50356	.0496	-1.0360	-10.787
#2	.42185	.00359	.02335	-.07144	.53048	.0375	-1.0301	-10.918
#3	.44853	.00630	.02004	-.06617	.53578	.0399	-1.0357	-10.514

Sample Name: LR CHECK 1 Acquired: 9/24/2019 13:00:05 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.8380
%RSD .13349

#1 -1374.9
#2 -1377.2
#3 -1378.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.6	30030.	2595.0	124.16	1152.3
Stddev	11.0	58.	3.3	1.72	6.5
%RSD	.63388	.19408	.12555	1.3833	.56731

#1	1729.2	29976.	2592.1	122.84	1146.9
#2	1750.7	30092.	2598.5	126.10	1159.6
#3	1735.8	30023.	2594.4	123.54	1150.4

Sample Name: LR CHECK 2 Acquired: 9/24/2019 13:05:01 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123334BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01319	.00320	245.43	.03698	-.04122	-.11790	97.027	-.00295
Stddev	.00479	.00240	1.25	.00415	.00259	.01387	.460	.00015
%RSD	36.330	74.937	.50968	11.218	6.2881	11.763	.47371	5.0496

#1	-.01699	.00044	244.86	.03830	-.04349	-.10505	96.497	-.00310
#2	-.01478	.00475	244.57	.04031	-.04178	-.11606	97.295	-.00280
#3	-.00781	.00442	246.87	.03233	-.03840	-.13260	97.290	-.00294

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00891	.47347	-.10766	.00908	274.86	-.65828	44.537	.00730
Stddev	.00012	.00967	.00052	.00038	2.21	.01034	.214	.02357
%RSD	1.3016	2.0429	.48490	4.1462	.80438	1.5707	.48034	322.73

#1	-.00897	.46847	-.10759	.00882	272.52	-.64744	44.576	-.01908
#2	-.00878	.48462	-.10717	.00951	275.13	-.65938	44.728	.02629
#3	-.00899	.46733	-.10821	.00891	276.92	-.66803	44.306	.01470

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.248	.00743	.74669	-.03537	38.437	.83962	-.00598	-.00421
Stddev	.203	.00060	.01988	.00048	.146	.04406	.00032	.00559
%RSD	.41316	8.0523	2.6629	1.3609	.38028	5.2479	5.2874	132.94

#1	49.178	.00804	.73143	-.03578	38.514	.80631	-.00568	-.00519
#2	49.088	.00684	.73947	-.03550	38.528	.82298	-.00631	.00181
#3	49.477	.00742	.76918	-.03484	38.268	.88958	-.00594	-.00924

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07773	.00446	.00064	.00389	.17160	-1.273	.00104	6.4069
Stddev	.00351	.00174	.00094	.00151	.00655	.013	.00011	.3979
%RSD	4.5204	38.983	148.01	38.826	3.8184	1.010	10.630	6.2105

#1	.07553	.00470	.00009	.00292	.17751	-1.286	.00117	6.5836
#2	.07588	.00607	.00173	.00563	.16456	-1.260	.00098	5.9512
#3	.08178	.00262	.00010	.00311	.17275	-1.273	.00098	6.6857

Sample Name: LR CHECK 2 Acquired: 9/24/2019 13:05:01 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB123334BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	23.664
Stddev	1.598
%RSD	6.7505

#1	25.486
#2	23.004
#3	22.503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.4	40534.	2970.9	160.38	2260.6
Stddev	7.1	23.	11.6	1.60	9.4
%RSD	.35135	.05634	.38962	.99825	.41644

#1	2032.5	40508.	2957.8	160.32	2264.3
#2	2030.4	40549.	2979.6	162.01	2267.6
#3	2019.3	40545.	2975.5	158.81	2249.9

Sample Name: PB123334BS Acquired: 9/24/2019 13:12:40 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123334BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80052	2.0418	.99248	2.0526	.82523	2.0662	.21297	.20795
Stddev	.00274	.0028	.00296	.0083	.00425	.0243	.01039	.00059
%RSD	.34244	.13705	.29834	.40196	.51499	1.1763	4.8805	.28506
#1	.80281	2.0446	.99283	2.0621	.82470	2.0871	.20787	.20768
#2	.79748	2.0418	.99526	2.0470	.82972	2.0395	.22493	.20754
#3	.80127	2.0390	.98936	2.0487	.82127	2.0719	.20611	.20863
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19566	1.0954	.42448	.20248	.33505	3.2631	.22055	2.0922
Stddev	.00043	.0127	.00254	.00071	.00123	.0154	.00027	.0351
%RSD	.21810	1.1640	.59733	.35110	.36572	.47313	.12344	1.6756
#1	.19606	1.1068	.42440	.20326	.33622	3.2644	.22026	2.0842
#2	.19570	1.0978	.42198	.20231	.33515	3.2471	.22080	2.0618
#3	.19521	1.0816	.42705	.20187	.33377	3.2779	.22060	2.1305
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50707	.07632	3.2820	.31893	.20482	10.794	.42267	.31058
Stddev	.00129	.00050	.0282	.00116	.00076	.066	.00093	.00141
%RSD	.25396	.65614	.85871	.36512	.37173	.61422	.22032	.45541
#1	.50830	.07638	3.2543	.31889	.20528	10.788	.42375	.30923
#2	.50718	.07579	3.2810	.31778	.20524	10.730	.42213	.31047
#3	.50573	.07678	3.3106	.32011	.20394	10.862	.42214	.31205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00510	.97740	.68243	.20854	.26841	5.655	.20590	3.4536
Stddev	.00008	.00888	.00421	.00175	.00903	.017	.00116	.0341
%RSD	1.6378	.90854	.61723	.83928	3.3632	.3011	.56501	.98814
#1	.00511	.98689	.68211	.20952	.27647	5.665	.20456	3.4260
#2	.00517	.97601	.68679	.20652	.27009	5.664	.20663	3.4918
#3	.00501	.96929	.67838	.20958	.25866	5.635	.20651	3.4431

Sample Name: PB123334BS Acquired: 9/24/2019 13:12:40 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB123334BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.22335
%RSD	3.6271

#1	-6.3074
#2	-5.9012
#3	-6.2653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.1	40101.	2924.5	161.23	2401.6
Stddev	10.2	109.	14.0	1.69	12.5
%RSD	.45345	.27174	.48026	1.0453	.51899

#1	2248.8	40014.	2915.4	160.98	2390.4
#2	2263.0	40224.	2917.4	159.67	2399.3
#3	2268.7	40066.	2940.7	163.02	2415.0

Sample Name: PB123349BS Acquired: 9/24/2019 13:16:48 Type: Unk
Method: P4-ICP2(v3400) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80940	2.0443	.99297	2.1360	.83384	2.0643	.21380
Stddev	.01487	.0311	.01199	.0238	.00767	.0199	.00341
%RSD	1.8376	1.5220	1.2075	1.1146	.91947	.96585	1.5941

#1	.81122	2.0618	1.0011	2.1451	.84036	2.0706	.20987
#2	.79370	2.0084	.97919	2.1090	.82540	2.0420	.21572
#3	.82328	2.0628	.99866	2.1539	.83577	2.0804	.21582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21408	.19730	1.0837	.42465	.20082	.33458	3.2834
Stddev	.00009	.00224	.0136	.00106	.00262	.00434	.0015
%RSD	.04183	1.1359	1.2526	.25024	1.3024	1.2976	.04715

#1	.21414	.19810	1.0751	.42344	.20094	.33726	3.2829
#2	.21412	.19477	1.0765	.42508	.19814	.32957	3.2821
#3	.21397	.19903	1.0993	.42542	.20337	.33690	3.2851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22109	2.1222	.50628	.07760	3.1870	.31740	.20442
Stddev	.00046	.0196	.00662	.00070	.0277	.00110	.00244
%RSD	.20781	.92404	1.3072	.89964	.86964	.34649	1.1914

#1	.22121	2.1447	.51017	.07750	3.1698	.31866	.20572
#2	.22147	2.1131	.49864	.07696	3.1723	.31666	.20161
#3	.22058	2.1087	.51004	.07835	3.2190	.31687	.20594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.675	.42003	.30869	F -.01628	.98450	.68819	.20662
Stddev	.009	.00571	.00908	.00203	.00687	.00740	.00392
%RSD	.08639	1.3596	2.9429	12.484	.69742	1.0748	1.8965

#1	10.673	.42123	.29821	-.01466	.98615	.69146	.21113
#2	10.685	.41382	.31434	-.01856	.99039	.67972	.20403
#3	10.667	.42505	.31352	-.01561	.97696	.69339	.20470

Sample Name: PB123349BS Acquired: 9/24/2019 13:16:48 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .26173	5.694	.20537	F 3.4824	F <.00000
Stddev	.00382	.071	.00062	.1369	.18489
%RSD	1.4585	1.252	.30175	3.9310	2.5256
#1	.25981	5.724	.20504	3.3283	-7.5220
#2	.26612	5.613	.20609	3.5900	-7.1586
#3	.25925	5.746	.20500	3.5289	-7.2811
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.1	40361.	2953.2	164.70	2442.3
Stddev	25.9	94.	5.7	1.33	28.6
%RSD	1.1287	.23246	.19201	.80990	1.1722
#1	2285.7	40346.	2948.4	165.99	2426.3
#2	2327.9	40461.	2951.7	163.33	2475.3
#3	2280.6	40276.	2959.5	164.78	2425.1

Sample Name: K4664-10 Acquired: 9/24/2019 13:20:55 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-092319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09456	-.04376	.64821	.02945	.00503	156.90	.74692
Stddev	.00296	.00154	.00094	.00366	.00455	.36	.00324
%RSD	3.1326	3.5184	.14524	12.439	90.462	.22927	.43322

#1	.09116	-.04459	.64796	.03157	.00081	156.66	.74431
#2	.09656	-.04472	.64926	.03155	.00443	157.31	.75054
#3	.09597	-.04199	.64743	.02522	.00986	156.73	.74591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00892	.02104	43.543	.18227	.13738	.52525	249.91
Stddev	.00014	.00023	.138	.00069	.00018	.00153	1.52
%RSD	1.5551	1.1159	.31744	.37948	.13105	.29035	.60764

#1	.00889	.02088	43.682	.18227	.13734	.52513	250.64
#2	.00907	.02131	43.405	.18296	.13721	.52379	250.92
#3	.00880	.02094	43.541	.18158	.13757	.52684	248.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7697	62.030	.21101	-.00528	9.0689	.54225	.96615
Stddev	.0299	.214	.00051	.00037	.0272	.00456	.00167
%RSD	.79254	.34492	.24195	7.0151	.29978	.84167	.17287

#1	3.7829	61.971	.21113	-.00508	9.0803	.54374	.96471
#2	3.7908	62.267	.21145	-.00571	9.0886	.54588	.96576
#3	3.7355	61.852	.21045	-.00506	9.0379	.53712	.96798

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.109	.00357	-.00102	2.5554	3.3344	.02665	5.4826
Stddev	.042	.00057	.00764	.0089	.1131	.00133	.0166
%RSD	.23458	15.923	747.63	.34790	3.3927	5.0009	.30248

#1	18.135	.00332	-.00591	2.5652	3.3356	.02749	5.4926
#2	18.133	.00317	.00778	2.5530	3.2207	.02512	5.4634
#3	18.060	.00422	-.00494	2.5479	3.4470	.02736	5.4916

Sample Name: K4664-10 Acquired: 9/24/2019 13:20:55 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-092319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15639	8.662	-.11231	<.00000	F<.00000
Stddev	.01404	.005	.00176	.38273	1.1746
%RSD	8.9778	.0622	1.5632	8.6990	.37266
#1	.14029	8.666	-.11180	-4.0738	-315.30
#2	.16606	8.664	-.11427	-4.3040	-313.98
#3	.16283	8.656	-.11087	-4.8211	-316.33
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.6	48018.	3665.0	157.41	2135.8
Stddev	5.1	232.	20.9	1.35	6.9
%RSD	.18737	.48306	.57136	.85622	.32344
#1	2732.9	47942.	3641.7	157.16	2141.3
#2	2727.3	47833.	3671.4	156.20	2138.0
#3	2722.7	48278.	3682.1	158.86	2128.0

Sample Name: K4668-12 Acquired: 9/24/2019 13:25:21 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-092319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07257	-.03792	.56376	.02669	.00336	142.91	.77000
Stddev	.00221	.00111	.00329	.00157	.00155	.23	.00712
%RSD	3.0478	2.9291	.58290	5.8770	46.104	.15829	.92418

#1	.07015	-.03856	.56117	.02848	.00157	142.73	.77001
#2	.07308	-.03857	.56265	.02600	.00424	143.17	.77710
#3	.07448	-.03664	.56746	.02559	.00426	142.85	.76287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00846	.02131	39.874	.25928	.13770	.42768	227.43
Stddev	.00009	.00024	.208	.00143	.00067	.00024	.50
%RSD	1.1199	1.1323	.52286	.55080	.48671	.05511	.22104

#1	.00857	.02105	39.981	.26065	.13833	.42756	227.73
#2	.00841	.02152	39.634	.25780	.13777	.42795	227.72
#3	.00840	.02137	40.008	.25939	.13700	.42753	226.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2158	45.405	.21933	-.00598	8.4272	.43369	.83398
Stddev	.0137	.049	.00128	.00014	.0279	.00210	.00144
%RSD	.32566	.10747	.58268	2.3592	.33063	.48353	.17275

#1	4.2167	45.362	.21919	-.00599	8.4358	.43610	.83451
#2	4.2017	45.458	.22067	-.00612	8.4497	.43271	.83508
#3	4.2291	45.395	.21812	-.00584	8.3960	.43226	.83235

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.482	.00430	-.01426	3.8301	2.3262	.02438	4.3551
Stddev	.069	.00049	.00383	.0178	.1188	.00074	.0085
%RSD	.39630	11.491	26.875	.46485	5.1073	3.0459	.19427

#1	17.555	.00487	-.01842	3.8345	2.4187	.02362	4.3549
#2	17.474	.00403	-.01346	3.8452	2.1922	.02511	4.3637
#3	17.417	.00400	-.01088	3.8105	2.3677	.02440	4.3468

Sample Name: K4668-12 Acquired: 9/24/2019 13:25:21 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-092319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11092	9.393	-.08219	<.00000	F<.00000
Stddev	.00868	.003	.00219	.39494	.67892
%RSD	7.8259	.0331	2.6676	7.2553	.21736
#1	.11514	9.391	-.08173	-5.8614	-313.12
#2	.10094	9.391	-.08458	-5.3929	-311.86
#3	.11669	9.396	-.08027	-5.0764	-312.04
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.6	51963.	3954.7	157.33	2157.1
Stddev	7.8	118.	31.6	2.43	6.4
%RSD	.26117	.22801	.80002	1.5461	.29749
#1	2971.6	51839.	3940.2	156.40	2151.8
#2	2974.7	52075.	3991.0	160.09	2155.3
#3	2986.4	51976.	3932.9	155.49	2164.2

Sample Name: K5008-01 Acquired: 9/24/2019 13:29:55 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07858	-.00633	3.3414	.02242	.00233	136.96	.87884
Stddev	.00226	.00223	.0088	.00579	.00336	2.29	.01064
%RSD	2.8735	35.159	.26242	25.824	143.98	1.6723	1.2106

#1	.08057	-.00516	3.3368	.01619	.00130	134.41	.86659
#2	.07903	-.00890	3.3360	.02763	-.00039	137.61	.88423
#3	.07613	-.00493	3.3516	.02343	.00608	138.85	.88571

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00941	.01496	22.480	.17887	.10832	.23454	197.21
Stddev	.00011	.00016	.429	.00040	.00099	.00109	1.82
%RSD	1.1297	1.0485	1.9102	.22096	.91509	.46523	.92075

#1	.00939	.01506	22.625	.17898	.10818	.23533	195.14
#2	.00953	.01503	21.997	.17919	.10937	.23329	197.92
#3	.00932	.01477	22.818	.17843	.10740	.23499	198.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9860	44.353	.22726	-.00285	7.7145	.25855	3.0374
Stddev	.0014	.706	.00146	.00053	.1275	.00043	.0052
%RSD	.06929	1.5921	.64386	18.463	1.6524	.16624	.17230

#1	1.9869	43.567	.22740	-.00325	7.5931	.25807	3.0434
#2	1.9845	44.559	.22865	-.00304	7.7033	.25867	3.0353
#3	1.9868	44.934	.22574	-.00225	7.8473	.25891	3.0336

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.094	.00127	-.01660	3.0430	7.2823	.02183	1.6044
Stddev	.209	.00016	.00788	.0034	.2349	.00076	.0273
%RSD	1.3871	12.805	47.495	.11249	3.2262	3.4857	1.7040

#1	14.858	.00133	-.02119	3.0397	7.5479	.02101	1.6045
#2	15.164	.00139	-.02111	3.0466	7.1015	.02252	1.5770
#3	15.259	.00108	-.00750	3.0427	7.1976	.02195	1.6317

Sample Name: K5008-01 Acquired: 9/24/2019 13:29:55 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13505	6.745	-.07722	<.00000	F<.00000
Stddev	.00827	.004	.00322	.25359	.39955
%RSD	6.1225	.0512	4.1662	8.1250	.16874
#1	.14126	6.749	-.07389	-3.3920	-237.03
#2	.12566	6.743	-.08031	-3.0818	-236.99
#3	.13821	6.744	-.07746	-2.8895	-236.32
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.6	47588.	3659.5	163.24	2192.5
Stddev	1.8	90.	77.2	4.39	.6
%RSD	.06476	.18864	2.1101	2.6897	.02830
#1	2711.3	47680.	3587.5	160.27	2192.3
#2	2714.6	47501.	3741.1	168.28	2192.0
#3	2711.9	47582.	3650.0	161.17	2193.2

Sample Name: K5008-02 Acquired: 9/24/2019 13:34:17 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12298	-.02836	3.3654	.03011	.00555	160.46	1.2541
Stddev	.00201	.00307	.0041	.00120	.00293	3.15	.0213
%RSD	1.6337	10.813	.12243	3.9756	52.832	1.9619	1.7010

#1	.12502	-.02915	3.3646	.03141	.00346	162.23	1.2618
#2	.12293	-.03094	3.3618	.02906	.00891	162.33	1.2705
#3	.12100	-.02497	3.3699	.02986	.00430	156.83	1.2300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00907	.02629	98.165	.40406	.16398	.43188	259.85
Stddev	.00002	.00019	.307	.00839	.00061	.00455	5.13
%RSD	.21058	.71468	.31238	2.0766	.37456	1.0546	1.9753

#1	.00906	.02613	98.515	.40792	.16344	.42888	263.19
#2	.00909	.02623	97.944	.40984	.16465	.42965	262.42
#3	.00906	.02650	98.035	.39444	.16385	.43712	253.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8976	91.121	.33101	-.00446	14.579	.39789	2.2056
Stddev	.0731	1.893	.00253	.00040	.265	.00970	.0188
%RSD	1.2397	2.0773	.76362	8.9511	1.8154	2.4381	.85271

#1	5.9347	92.221	.32943	-.00437	14.723	.40295	2.2031
#2	5.9447	92.207	.33392	-.00490	14.740	.40401	2.1881
#3	5.8134	88.935	.32967	-.00411	14.273	.38670	2.2255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.728	.00550	-.03105	3.9526	5.3515	.06601	4.1432
Stddev	.506	.00015	.01109	.0136	.1258	.00152	.0137
%RSD	2.2243	2.6419	35.714	.34363	2.3516	2.3062	.32998

#1	23.063	.00534	-.02276	3.9370	5.4492	.06774	4.1325
#2	22.975	.00562	-.02674	3.9585	5.2095	.06487	4.1387
#3	22.147	.00555	-.04364	3.9622	5.3957	.06543	4.1586

Sample Name: K5008-02 Acquired: 9/24/2019 13:34:17 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25909	F 11.42	.01052	<.00000	F<.00000
Stddev	.01534	.04	.00538	.58925	1.0717
%RSD	5.9225	.3167	51.162	16.195	.32900
#1	.27539	11.40	.00762	-3.1343	-326.38
#2	.24493	11.40	.00720	-3.4948	-326.31
#3	.25694	11.46	.01672	-4.2862	-324.49
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.1	47106.	3599.9	157.04	2061.3
Stddev	18.5	930.	18.0	1.69	17.8
%RSD	.69336	1.9749	.50005	1.0739	.86297
#1	2660.4	46529.	3580.4	155.10	2059.8
#2	2684.2	46611.	3615.9	158.13	2079.7
#3	2647.8	48179.	3603.3	157.88	2044.2

Sample Name: K5008-03 Acquired: 9/24/2019 13:38:52 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11799	-.04006	2.7857	.03387	.00848	152.32	1.1852
Stddev	.00245	.00039	.0262	.00322	.00171	.66	.0056
%RSD	2.0772	.97850	.94218	9.4940	20.133	.43045	.47091

#1	.11638	-.04046	2.8155	.03179	.01017	152.00	1.1834
#2	.11678	-.03968	2.7755	.03757	.00676	153.07	1.1915
#3	.12081	-.04003	2.7661	.03225	.00850	151.88	1.1808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00888	.02790	125.23	.65938	.15539	.48283	284.49
Stddev	.00006	.00033	.86	.00377	.00246	.00309	2.88
%RSD	.70377	1.1811	.68851	.57215	1.5801	.63993	1.0138

#1	.00890	.02828	124.37	.66032	.15782	.48608	287.81
#2	.00881	.02772	125.23	.66260	.15542	.47993	283.05
#3	.00894	.02770	126.10	.65523	.15291	.48248	282.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6459	89.259	.36486	-.00700	7.7360	.38572	1.9411
Stddev	.0245	.344	.00480	.00034	.0157	.00178	.0239
%RSD	.43391	.38485	1.3161	4.8251	.20280	.46221	1.2300

#1	5.6737	89.176	.37032	-.00670	7.7446	.38647	1.9685
#2	5.6275	89.636	.36297	-.00736	7.7456	.38701	1.9300
#3	5.6366	88.964	.36129	-.00695	7.7179	.38368	1.9248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.299	.15368	-.06311	4.7234	6.7971	.04465	4.9610
Stddev	.226	.00119	.00993	.0512	.0955	.00116	.0323
%RSD	.79878	.77157	15.739	1.0829	1.4048	2.5928	.65160

#1	28.173	.15492	-.05183	4.7815	6.8159	.04512	4.9248
#2	28.560	.15354	-.06691	4.7030	6.6937	.04549	4.9709
#3	28.165	.15256	-.07058	4.6855	6.8819	.04333	4.9871

Sample Name: K5008-03 Acquired: 9/24/2019 13:38:52 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22110	9.177	.11748	<.00000	F<.00000
Stddev	.01064	.119	.00653	.43568	2.6843
%RSD	4.8128	1.300	5.5566	14.268	.74431
#1	.23334	9.312	.11005	-2.6346	-357.61
#2	.21600	9.133	.12010	-3.0218	-362.71
#3	.21397	9.086	.12230	-3.5042	-361.63
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.4	46412.	3581.6	153.93	2019.3
Stddev	19.7	191.	27.6	1.40	23.2
%RSD	.74987	.41096	.77094	.91229	1.1485
#1	2599.7	46202.	3594.8	152.90	1993.0
#2	2634.8	46459.	3600.1	153.37	2028.3
#3	2632.7	46574.	3549.9	155.53	2036.7

Sample Name: K5008-04 Acquired: 9/24/2019 13:43:25 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04792	-.00613	.45919	.02473	.00034	83.010	.41544
Stddev	.00181	.00254	.00263	.00550	.00169	.673	.00561
%RSD	3.7865	41.377	.57269	22.225	496.90	.81122	1.3513

#1	.04812	-.00907	.45617	.03106	-.00035	82.299	.41643
#2	.04963	-.00468	.46038	.02187	-.00089	83.092	.40939
#3	.04602	-.00466	.46101	.02124	.00226	83.638	.42049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00619	.00961	74.059	.16292	.07445	.13701	155.29
Stddev	.00010	.00056	1.705	.00115	.00079	.00232	1.22
%RSD	1.6645	5.7937	2.3022	.70705	1.0643	1.6962	.78626

#1	.00630	.00897	73.095	.16389	.07356	.13437	156.12
#2	.00617	.00987	73.054	.16322	.07508	.13874	155.87
#3	.00610	.00999	76.028	.16165	.07471	.13793	153.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9569	36.298	.15831	-.00258	9.0363	.17928	.75920
Stddev	.0126	.241	.00166	.00045	.0429	.00062	.00833
%RSD	.25328	.66436	1.0505	17.547	.47504	.34758	1.0974

#1	4.9697	36.078	.15640	-.00213	8.9933	.17873	.74985
#2	4.9562	36.261	.15943	-.00259	9.0364	.17995	.76192
#3	4.9447	36.556	.15909	-.00303	9.0792	.17916	.76583

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.828	.00497	.00470	5.5561	4.0215	.00502	1.6451
Stddev	.037	.00003	.00065	.0520	.0740	.00078	.0457
%RSD	.29144	.56554	13.854	.93532	1.8406	15.620	2.7781

#1	12.807	.00497	.00440	5.4975	4.0094	.00573	1.6119
#2	12.806	.00494	.00426	5.5741	3.9543	.00418	1.6263
#3	12.871	.00499	.00545	5.5967	4.1008	.00515	1.6972

Sample Name: K5008-04 Acquired: 9/24/2019 13:43:25 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13132	3.966	.12858	<.00000	F<.00000
Stddev	.00999	.040	.00845	.08836	1.1674
%RSD	7.6102	1.007	6.5740	11.823	.67912
#1	.12201	3.922	.12341	-.68444	-171.32
#2	.13007	4.000	.12399	-.70920	-171.12
#3	.14188	3.976	.13833	-.84835	-173.23
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.1	45307.	3432.9	161.03	2230.9
Stddev	16.4	32.	66.1	3.84	15.0
%RSD	.63809	.07033	1.9256	2.3857	.67089
#1	2592.8	45271.	3460.8	163.08	2248.0
#2	2562.1	45332.	3480.6	163.40	2220.5
#3	2567.3	45319.	3357.5	156.59	2224.0

Sample Name: CCV02 Acquired: 9/24/2019 13:47:52 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15514 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0066	4.9938	4.9282	5.1258	5.0446	9.8698	9.9094	.24958
Stddev	.0148	.0158	.0125	.0079	.0133	.0960	.0707	.00050
%RSD	.29526	.31577	.25399	.15465	.26383	.97277	.71392	.20214
#1	5.0102	4.9904	4.9152	5.1288	5.0559	9.7594	9.8361	.25013
#2	4.9904	4.9801	4.9291	5.1317	5.0299	9.9166	9.9773	.24914
#3	5.0193	5.0111	4.9402	5.1167	5.0480	9.9335	9.9149	.24947
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4561	25.190	.97623	2.4503	1.2738	5.0102	2.4980	24.595
Stddev	.0032	1.352	.00182	.0085	.0026	.0153	.0044	.249
%RSD	.13241	5.3678	.18693	.34872	.20273	.30514	.17534	1.0133
#1	2.4563	24.637	.97699	2.4491	1.2767	5.0265	2.4997	24.310
#2	2.4528	26.730	.97415	2.4424	1.2731	4.9962	2.5013	24.704
#3	2.4593	24.201	.97756	2.4594	1.2717	5.0077	2.4930	24.772
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4414	1.2117	24.256	2.4719	2.4439	25.030	5.0477	5.0033
Stddev	.0034	.0033	.208	.0051	.0057	.155	.0043	.0606
%RSD	.13764	.27084	.85581	.20654	.23439	.62016	.08602	1.2104
#1	2.4375	1.2139	24.030	2.4769	2.4449	24.878	5.0521	4.9411
#2	2.4434	1.2133	24.437	2.4722	2.4377	25.188	5.0434	5.0620
#3	2.4432	1.2079	24.302	2.4667	2.4490	25.024	5.0476	5.0069
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9560	5.0781	4.9005	5.0570	5.1557	5.069	4.9747	F 4.2939
Stddev	.0058	.2537	.0054	.2655	.2664	.011	.2657	.2134
%RSD	.11613	4.9964	.11089	5.2496	5.1677	.2259	5.3409	4.9691
#1	4.9626	5.0339	4.9044	4.9460	5.0618	5.058	4.8687	4.5011
#2	4.9533	5.3510	4.8943	5.3599	5.4563	5.069	5.2771	4.3056
#3	4.9521	4.8494	4.9028	4.8650	4.9489	5.080	4.7784	4.0749

Sample Name: CCV02 Acquired: 9/24/2019 13:47:52 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15514 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5174
Stddev .7105
%RSD 20.198

#1 3.8463
#2 4.0038
#3 2.7021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.7	38835.	2875.7	154.60	2185.9
Stddev	5.0	78.	145.3	6.92	3.6
%RSD	.22937	.20100	5.0539	4.4738	.16298

#1	2178.9	38806.	2902.0	157.47	2182.5
#2	2187.4	38776.	2719.1	146.71	2189.6
#3	2187.8	38923.	3006.1	159.61	2185.6

Sample Name: CCB02 Acquired: 9/24/2019 13:51:49 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15514 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	.00293	-.00335	.00145	.00020	-.01428	-.00328	.00004
Stddev	.00230	.00107	.00076	.00326	.00081	.00708	.00767	.00005
%RSD	64.475	36.639	22.785	224.37	404.18	49.572	233.94	115.98

#1	-.00252	.00197	-.00387	.00507	.00112	-.00686	-.01208	.00008
#2	-.00197	.00409	-.00372	.00058	-.00010	-.02096	.00022	-.00001
#3	-.00620	.00272	-.00248	-.00128	-.00042	-.01501	.00202	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00352	-.00010	-.00005	.00085	.00053	.00003	.00636
Stddev	.00003	.00200	.00021	.00023	.00022	.00052	.00006	.03261
%RSD	21.442	56.687	217.04	488.01	25.438	99.197	187.80	512.51

#1	.00016	-.00319	-.00029	.00004	.00075	.00109	.00002	.03593
#2	.00011	-.00172	.00013	.00013	.00109	.00043	.00009	-.02861
#3	.00012	-.00567	-.00014	-.00030	.00070	.00006	-.00002	.01177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	-.00048	-.06820	-.00019	.00003	-.00945	.00140	.00343
Stddev	.00050	.00014	.01503	.00019	.00007	.05970	.00046	.00355
%RSD	71.577	30.374	22.042	99.694	237.40	631.41	32.916	103.54

#1	-.00041	-.00045	-.07662	-.00021	.00011	-.06552	.00154	-.00049
#2	-.00040	-.00035	-.07714	.00001	.00003	-.01615	.00178	.00644
#3	-.00127	-.00063	-.05085	-.00038	-.00004	.05331	.00089	.00433

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	.00815	.00015	.00226	F .05730	-.0010	-.00023	F 3.5473
Stddev	.00083	.00458	.00040	.00211	.01020	.0004	.00024	.3325
%RSD	23.476	56.179	271.93	93.697	17.795	35.33	102.74	9.3718

#1	-.00342	.00730	-.00022	.00036	.06734	-.0013	.00004	3.7157
#2	-.00278	.00406	.00057	.00453	.05762	-.0011	-.00034	3.1644
#3	-.00444	.01310	.00009	.00188	.04695	-.0006	-.00040	3.7619

Sample Name: CCB02 Acquired: 9/24/2019 13:51:49 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15514 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1434
Stddev	1.0128
%RSD	88.581

#1	.17805
#2	1.0543
#3	2.1978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.4	40145.	2956.4	161.81	2429.9
Stddev	3.7	103.	5.2	.77	5.9
%RSD	.16355	.25667	.17441	.47390	.24384

#1	2252.8	40027.	2952.3	161.95	2425.5
#2	2260.2	40219.	2962.2	162.49	2436.6
#3	2256.1	40189.	2954.7	160.98	2427.6

Sample Name: K5008-05 Acquired: 9/24/2019 13:56:19 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12197	-.01569	4.1148	.02780	.00261	142.09	1.1689
Stddev	.00096	.00071	.0056	.00054	.00339	1.49	.0067
%RSD	.78900	4.4988	.13563	1.9525	129.69	1.0454	.57665

#1	.12241	-.01490	4.1194	.02840	.00330	140.49	1.1646
#2	.12087	-.01626	4.1163	.02764	-.00107	143.43	1.1654
#3	.12265	-.01591	4.1086	.02736	.00560	142.36	1.1766

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00883	.02323	81.343	.24353	.13914	.48508	243.32
Stddev	.00005	.00036	.940	.00096	.00021	.00107	.89
%RSD	.56477	1.5670	1.1560	.39303	.15306	.22110	.36467

#1	.00878	.02315	80.262	.24463	.13936	.48546	242.38
#2	.00888	.02292	81.795	.24307	.13913	.48387	243.46
#3	.00883	.02363	81.973	.24289	.13894	.48591	244.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4971	73.599	.29109	-.00377	2.0211	.37596	2.3324
Stddev	.0220	.603	.00221	.00043	.0179	.00075	.0024
%RSD	.48883	.81952	.75850	11.398	.88427	.19982	.10348

#1	4.4795	72.943	.28855	-.00357	2.0069	.37539	2.3319
#2	4.5218	74.129	.29251	-.00426	2.0412	.37681	2.3350
#3	4.4901	73.725	.29222	-.00348	2.0151	.37568	2.3302

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.576	.00724	-.04458	2.7947	4.5047	.07068	2.9533
Stddev	.126	.00036	.00378	.0129	.1015	.00166	.0391
%RSD	.67679	5.0005	8.4728	.46279	2.2526	2.3431	1.3230

#1	18.434	.00683	-.04203	2.7800	4.5882	.07139	2.9103
#2	18.672	.00754	-.04892	2.8040	4.5342	.06879	2.9629
#3	18.623	.00734	-.04280	2.8002	4.3918	.07186	2.9867

Sample Name: K5008-05 Acquired: 9/24/2019 13:56:19 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19925	8.008	.03070	<.00000	F<.00000
Stddev	.01023	.026	.00161	.15249	2.0468
%RSD	5.1337	.3210	5.2382	5.7037	.69143
#1	.18837	8.011	.02888	-2.5342	-293.68
#2	.20867	7.982	.03127	-2.8364	-297.46
#3	.20071	8.033	.03194	-2.6500	-296.95
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.8	46401.	3544.7	158.09	2121.0
Stddev	2.4	73.	23.7	1.23	3.3
%RSD	.09138	.15694	.66758	.77561	.15773
#1	2637.6	46482.	3567.6	158.68	2122.5
#2	2633.4	46342.	3546.1	156.68	2117.2
#3	2633.4	46379.	3520.4	158.91	2123.3

Sample Name: K4665-06 Acquired: 9/24/2019 14:00:55 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00609	-.00030	.01178	.00321	-.00053	.12236	.20103	.00004
Stddev	.00279	.00087	.00209	.00351	.00186	.01119	.01272	.00011
%RSD	45.794	289.56	17.752	109.37	353.15	9.1416	6.3274	245.78

#1	-.00421	.00048	.01410	.00064	.00067	.12889	.20694	-.00004
#2	-.00477	-.00124	.01003	.00179	-.00268	.12874	.18643	.00017
#3	-.00929	-.00014	.01122	.00722	.00043	.10944	.20972	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	18.445	-.00041	.00627	.00867	.30008	1.0702	3.0466
Stddev	.00009	1.529	.00091	.00023	.00092	.00092	.0011	.0154
%RSD	28.390	8.2883	224.35	3.7170	10.623	.30706	.09920	.50593

#1	.00036	20.059	-.00104	.00629	.00945	.29922	1.0703	3.0289
#2	.00022	17.019	-.00081	.00604	.00765	.30105	1.0713	3.0574
#3	.00038	18.256	.00064	.00650	.00891	.29996	1.0691	3.0534

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00041	273.78	-.00042	.25491	1.0375	-.00053	.02732
Stddev	.00010	.00072	3.05	.00018	.00388	.0271	.00016	.00776
%RSD	7.4572	174.03	1.1140	44.237	1.5202	2.6121	29.262	28.407

#1	.00119	-.00085	275.86	-.00063	.25733	1.0330	-.00066	.02016
#2	.00131	.00042	270.28	-.00029	.25044	1.0130	-.00058	.02623
#3	.00138	-.00081	275.19	-.00034	.25696	1.0666	-.00036	.03556

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56498	.94921	-.00032	.00664	.06023	.0018	.06588	4.0520
Stddev	.00870	.06152	.00073	.00164	.01693	.0009	.00531	.2092
%RSD	1.5401	6.4812	225.28	24.776	28.111	52.63	8.0578	5.1617

#1	.56664	1.0131	-.00116	.00853	.07860	.0026	.07152	4.1899
#2	.55556	.89034	.00011	.00583	.05686	.0020	.06098	3.8114
#3	.57272	.94422	.00008	.00555	.04524	.0007	.06515	4.1548

Sample Name: K4665-06 Acquired: 9/24/2019 14:00:55 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4865
 Stddev .7884
 %RSD 14.370

#1 6.1082
 #2 4.5997
 #3 5.7516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.1	38288.	2936.5	156.08	2188.6
Stddev	25.0	47.	202.8	9.77	24.8
%RSD	1.1435	.12174	6.9058	6.2584	1.1332

#1	2163.6	38235.	2719.5	147.27	2167.9
#2	2212.0	38321.	3121.3	166.58	2216.1
#3	2176.8	38309.	2968.7	154.37	2181.8

Sample Name: K4665-06DUP Acquired: 9/24/2019 14:05:21 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	-.00013	.01147	.00121	.00029	.13095	.20304	.00003
Stddev	.00220	.00148	.00195	.00248	.00086	.01744	.00810	.00008
%RSD	59.310	1175.0	16.989	205.05	298.36	13.317	3.9887	255.48

#1	-.00558	.00081	.01287	.00229	-.00020	.14972	.19386	.00011
#2	-.00129	.00064	.01231	.00296	-.00021	.11525	.20606	.00004
#3	-.00425	-.00183	.00925	-.00163	.00128	.12788	.20919	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	17.878	-.00051	.00600	.00883	.30157	1.0822	3.0688
Stddev	.00004	.732	.00059	.00031	.00117	.00300	.0009	.0424
%RSD	12.357	4.0960	115.41	5.1117	13.276	.99645	.08348	1.3813

#1	.00026	17.864	-.00008	.00633	.00883	.29923	1.0817	3.0800
#2	.00030	17.152	-.00119	.00593	.00766	.30051	1.0816	3.0219
#3	.00033	18.617	-.00027	.00573	.01000	.30496	1.0832	3.1045

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	-.00059	273.97	-.00069	.25790	1.1293	-.00043	.02751
Stddev	.00048	.00041	3.49	.00006	.00606	.0113	.00006	.01223
%RSD	29.061	69.409	1.2727	8.6364	2.3491	.99906	13.274	44.456

#1	.00138	-.00017	273.82	-.00063	.25916	1.1205	-.00039	.02257
#2	.00218	-.00099	270.56	-.00069	.25131	1.1253	-.00041	.04144
#3	.00134	-.00062	277.52	-.00075	.26322	1.1420	-.00050	.01852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57623	.92473	-.00095	.00770	.06004	.0049	.06380	3.7719
Stddev	.01966	.03641	.00086	.00227	.01096	.0018	.00296	.2481
%RSD	3.4110	3.9375	90.056	29.503	18.245	35.69	4.6388	6.5786

#1	.58187	.92612	-.00107	.01022	.06441	.0029	.06398	3.5234
#2	.55437	.88765	-.00004	.00581	.04758	.0056	.06075	3.7726
#3	.59245	.96043	-.00174	.00706	.06814	.0062	.06666	4.0197

Sample Name: K4665-06DUP Acquired: 9/24/2019 14:05:21 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7699
Stddev	1.6713
%RSD	28.966

#1	3.8798
#2	6.3775
#3	7.0524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.7	38622.	3053.1	162.12	2191.7
Stddev	40.7	72.	89.9	4.87	43.2
%RSD	1.8595	.18560	2.9454	3.0065	1.9715

#1	2171.5	38568.	3037.9	160.23	2180.3
#2	2232.8	38703.	3149.7	167.65	2239.5
#3	2155.8	38594.	2971.8	158.47	2155.4

Sample Name: K4665-06LX5 Acquired: 9/24/2019 14:09:45 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00425	.00269	-.00280	-.00018	-.00005	.00895	.02991	.00002
Stddev	.00077	.00256	.00128	.00454	.00134	.01209	.01209	.00014
%RSD	18.156	95.153	45.733	2509.1	2716.0	134.97	40.421	709.26

#1	-.00405	.00174	-.00425	-.00495	.00023	-.00468	.01701	.00001
#2	-.00359	.00074	-.00181	.00408	.00113	.01836	.04098	.00017
#3	-.00510	.00559	-.00234	.00033	-.00151	.01318	.03174	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	3.8105	.00016	.00089	.00287	.06454	.22988	.61316
Stddev	.00014	.1720	.00032	.00030	.00051	.00282	.00930	.06139
%RSD	149.20	4.5130	193.31	33.356	17.842	4.3681	4.0470	10.012

#1	-.00007	3.9696	.00052	.00091	.00298	.06312	.22435	.59018
#2	.00018	3.6281	.00007	.00059	.00332	.06271	.22467	.56657
#3	.00017	3.8338	-.00010	.00119	.00231	.06778	.24063	.68272

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00043	56.395	-.00054	.05134	.28283	-.00042	-.00591
Stddev	.00052	.00030	2.553	.00044	.00035	.03949	.00026	.00379
%RSD	108.03	70.211	4.5264	81.242	.67967	13.964	63.009	64.216

#1	-.00053	-.00075	55.017	-.00017	.05131	.23771	-.00069	-.00952
#2	-.00098	-.00035	54.827	-.00102	.05170	.29959	-.00016	-.00195
#3	.00006	-.00017	59.340	-.00042	.05100	.31117	-.00040	-.00625

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10711	.20774	-.00118	.00319	.07364	-.0002	.01353	3.4567
Stddev	.00524	.01582	.00084	.00157	.02337	.0026	.00059	.7618
%RSD	4.8962	7.6142	70.946	49.218	31.741	1130.	4.3743	22.038

#1	.10907	.22317	-.00093	.00499	.09701	-.0032	.01412	3.1883
#2	.10117	.19156	-.00049	.00211	.05026	.0010	.01293	2.8655
#3	.11110	.20848	-.00211	.00246	.07363	.0015	.01353	4.3164

Sample Name: K4665-06LX5 Acquired: 9/24/2019 14:09:45 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3111
Stddev .9960
%RSD 43.095

#1 3.2772
#2 1.2877
#3 2.3684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.2	38550.	2928.4	159.49	2307.2
Stddev	16.8	1486.	135.1	6.79	16.7
%RSD	.75918	3.8547	4.6122	4.2590	.72367

#1	2203.3	39245.	2789.5	153.64	2298.8
#2	2201.6	39560.	3059.3	166.94	2296.4
#3	2231.5	36843.	2936.3	157.88	2326.5

Sample Name: K4665-06MS Acquired: 9/24/2019 14:14:10 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83164	2.0593	1.0428	2.1041	.85100	2.2745	.43483	.20976
Stddev	.00740	.0014	.0055	.0057	.00383	.0243	.00473	.00053
%RSD	.88975	.07019	.53041	.26889	.44975	1.0688	1.0876	.25339
#1	.83944	2.0609	1.0479	2.1105	.85416	2.2652	.43000	.20966
#2	.83074	2.0587	1.0435	2.1021	.85210	2.2562	.43945	.20929
#3	.82472	2.0582	1.0369	2.0997	.84674	2.3021	.43504	.21033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20749	20.451	.42483	.21913	.33594	3.5486	1.3372	5.3665
Stddev	.00062	.435	.00179	.00076	.00122	.0147	.0036	.0391
%RSD	.29767	2.1263	.42230	.34605	.36460	.41449	.27072	.72923
#1	.20721	19.949	.42337	.21903	.33670	3.5444	1.3356	5.3560
#2	.20820	20.715	.42430	.21843	.33452	3.5365	1.3346	5.3338
#3	.20706	20.689	.42683	.21994	.33659	3.5650	1.3413	5.4099
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52935	.07416	287.55	.32929	.48013	12.209	.44526	.36116
Stddev	.00124	.00073	4.40	.00189	.00347	.150	.00059	.00771
%RSD	.23414	.98691	1.5310	.57497	.72302	1.2314	.13166	2.1352
#1	.53006	.07355	282.77	.32900	.48152	12.104	.44593	.36326
#2	.53006	.07397	288.46	.32756	.48269	12.141	.44486	.35261
#3	.52791	.07497	291.43	.33131	.47618	12.381	.44498	.36760
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62483	1.9436	.73546	.22159	.28723	6.424	.27202	4.8686
Stddev	.00259	.0384	.00093	.00614	.01997	.026	.00544	.1614
%RSD	.41465	1.9734	.12654	2.7695	6.9541	.3992	1.9982	3.3151
#1	.62771	1.9039	.73620	.21475	.26417	6.452	.26576	4.7124
#2	.62412	1.9805	.73576	.22661	.29918	6.417	.27553	4.8588
#3	.62267	1.9464	.73441	.22341	.29834	6.403	.27476	5.0347

Sample Name: K4665-06MS Acquired: 9/24/2019 14:14:10 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.49405
%RSD	120.51

#1	.10561
#2	-.45632
#3	-.87921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.2	37397.	2873.2	154.38	2102.9
Stddev	6.0	176.	47.1	.61	7.2
%RSD	.28712	.47083	1.6397	.39348	.34326

#1	2096.3	37294.	2926.2	154.94	2097.9
#2	2107.5	37600.	2836.3	153.74	2099.5
#3	2105.8	37297.	2857.0	154.47	2111.2

Sample Name: K4665-06MSD Acquired: 9/24/2019 14:18:18 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84308	2.0638	1.0445	2.1125	.85210	2.2505	.42823
Stddev	.00101	.0081	.0036	.0078	.00246	.1117	.01543
%RSD	.12020	.39289	.34623	.36772	.28843	4.9639	3.6024

#1	.84235	2.0731	1.0484	2.1103	.84942	2.3502	.43863
#2	.84265	2.0598	1.0435	2.1060	.85425	2.1298	.41050
#3	.84423	2.0585	1.0414	2.1211	.85264	2.2715	.43555

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20701	.20767	20.494	.41980	.21985	.33726	3.5166
Stddev	.01127	.00093	.192	.02230	.00098	.00112	.1942
%RSD	5.4464	.44565	.93770	5.3115	.44512	.33312	5.5212

#1	.21739	.20871	20.280	.44104	.22091	.33598	3.6980
#2	.19501	.20735	20.550	.39658	.21968	.33768	3.3118
#3	.20864	.20694	20.651	.42179	.21897	.33811	3.5401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3195	5.3045	.52927	.07432	284.19	.32650	.48012
Stddev	.0747	.2158	.00137	.00390	12.37	.01773	.00307
%RSD	5.6619	4.0685	.25843	5.2433	4.3526	5.4297	.63948

#1	1.3884	5.4758	.53059	.07829	294.95	.34364	.48360
#2	1.2401	5.0621	.52937	.07050	270.68	.30824	.47898
#3	1.3302	5.3754	.52786	.07418	286.95	.32760	.47779

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.117	.44709	.34783	.62300	1.9652	.73731	.22335
Stddev	.476	.00204	.02147	.00526	.0240	.00442	.00357
%RSD	3.9266	.45645	6.1734	.84373	1.2190	.59961	1.5999

#1	12.503	.44504	.36060	.62614	1.9583	.74017	.22030
#2	11.585	.44912	.32304	.62593	1.9455	.73954	.22247
#3	12.263	.44711	.35986	.61693	1.9919	.73221	.22729

Sample Name: K4665-06MSD Acquired: 9/24/2019 14:18:18 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30513	6.459	.27438	4.7090	F<.00000
Stddev	.01196	.035	.00237	.6921	1.1057
%RSD	3.9187	.5403	.86349	14.697	71.261

#1	.30094	6.495	.27164	5.2778	-.55102
#2	.29583	6.457	.27582	3.9385	-1.3651
#3	.31862	6.426	.27568	4.9108	-2.7387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.7	38066.	2861.0	156.55	2107.2
Stddev	2.2	1819.	12.6	1.06	12.4
%RSD	.10392	4.7779	.44009	.67747	.58971

#1	2104.2	36365.	2875.5	157.36	2093.5
#2	2104.6	39983.	2853.2	156.94	2110.2
#3	2108.2	37851.	2854.3	155.35	2117.8

Sample Name: K4665-06A Acquired: 9/24/2019 14:22:25 Type: Unk
Method: P4-ICP2(v3400) Mode: 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	.83585	2.0641	1.0390	2.1039	.84798	2.2488	.42184	.20988
Stddev	.00193	.0036	.0015	.0096	.00180	.0339	.00558	.00023
%RSD	.23090	.17201	.14460	.45547	.21204	1.5056	1.3230	.11123

#1	.83807	2.0682	1.0392	2.0930	.84793	2.2347	.41667	.20984
#2	.83454	2.0618	1.0405	2.1083	.84980	2.2243	.42108	.21013
#3	.83495	2.0623	1.0375	2.1105	.84621	2.2875	.42776	.20966

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20702	20.311	.42461	.21874	.33645	3.5618	1.3358	5.3087
Stddev	.00016	.513	.00197	.00040	.00079	.0098	.0001	.0715
%RSD	.07658	2.5244	.46284	.18360	.23598	.27373	.00794	1.3475

#1	.20684	20.562	.42379	.21864	.33554	3.5509	1.3357	5.2628
#2	.20713	19.721	.42685	.21918	.33698	3.5695	1.3358	5.2722
#3	.20710	20.651	.42319	.21840	.33683	3.5652	1.3360	5.3911

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52719	.07521	285.02	.32953	.47816	12.163	.44563	.34834
Stddev	.00189	.00040	3.88	.00073	.00048	.184	.00034	.01258
%RSD	.35833	.53042	1.3608	.22192	.10024	1.5151	.07672	3.6116

#1	.52569	.07492	282.39	.32901	.47870	12.014	.44534	.35703
#2	.52931	.07504	283.20	.33037	.47801	12.105	.44553	.33392
#3	.52655	.07566	289.48	.32922	.47777	12.369	.44601	.35408

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61855	1.9674	.73479	.22231	.29997	6.433	.27043	4.7898
Stddev	.00054	.0455	.00234	.00665	.02028	.016	.00708	.2153
%RSD	.08668	2.3108	.31837	2.9933	6.7592	.2416	2.6198	4.4940

#1	.61872	2.0120	.73682	.22595	.30039	6.451	.27476	4.7275
#2	.61899	1.9211	.73533	.21463	.27949	6.425	.26225	4.6125
#3	.61795	1.9693	.73223	.22634	.32003	6.424	.27427	5.0293

Sample Name: K4665-06A Acquired: 9/24/2019 14:22:25 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.44755
%RSD	68.919

#1	-.98169
#2	-.82599
#3	-.14047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.2	37780.	2874.7	154.86	2119.3
Stddev	4.6	74.	72.9	5.52	4.7
%RSD	.21737	.19558	2.5368	3.5656	.22005

#1	2115.9	37700.	2805.3	148.77	2115.9
#2	2109.0	37845.	2950.7	159.53	2117.5
#3	2117.8	37797.	2868.2	156.28	2124.6

Sample Name: PB123334BL Acquired: 9/24/2019 14:26:35 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123334BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00394	.00234	-.00318	.00135	.00001	-.02698	.00146	.00011
Stddev	.00204	.00200	.00036	.00065	.00157	.01528	.00733	.00003
%RSD	51.909	85.546	11.246	48.334	13307.	56.656	501.78	30.249
#1	-.00237	.00428	-.00277	.00153	-.00023	-.04101	.00040	.00014
#2	-.00625	.00246	-.00343	.00189	-.00143	-.02923	-.00528	.00012
#3	-.00320	.00028	-.00333	.00063	.00169	-.01069	.00926	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00461	.00028	-.00005	.00114	-.00009	-.00014	.01917
Stddev	.00003	.00522	.00041	.00003	.00043	.00065	.00011	.01062
%RSD	17.406	113.40	148.44	61.105	37.952	726.17	80.121	55.375
#1	.00018	-.00038	.00064	-.00007	.00134	-.00027	-.00014	.02648
#2	.00021	-.01045	-.00017	-.00006	.00064	.00063	-.00025	.00700
#3	.00014	-.00300	.00036	-.00002	.00144	-.00062	-.00003	.02404
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	-.00117	.02179	-.00014	-.00035	.04557	-.00036	-.00528
Stddev	.00039	.00024	.00726	.00050	.00013	.06086	.00037	.00644
%RSD	46.678	20.108	33.314	353.51	38.592	133.57	105.39	121.96
#1	-.00107	-.00144	.01363	-.00043	-.00050	.07028	.00008	-.00471
#2	-.00039	-.00106	.02419	.00044	-.00024	-.02376	-.00055	.00086
#3	-.00106	-.00101	.02754	-.00043	-.00030	.09018	-.00059	-.01199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	.00867	-.00024	.00161	F .07181	-.0022	-.00016	F 3.1806
Stddev	.00230	.00022	.00098	.00114	.02474	.0013	.00003	.2507
%RSD	55.842	2.4915	418.03	70.759	34.447	59.65	18.619	7.8810
#1	-.00405	.00887	.00087	.00096	.06603	-.0033	-.00015	3.0750
#2	-.00646	.00844	-.00102	.00095	.09893	-.0025	-.00014	3.0000
#3	-.00186	.00870	-.00055	.00293	.05048	-.0007	-.00020	3.4668

Sample Name: PB123334BL Acquired: 9/24/2019 14:26:35 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123334BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .82937
Stddev	.59882
%RSD	72.202

#1	.81457
#2	.23808
#3	1.4354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.3	40284.	2926.5	159.53	2443.3
Stddev	19.7	97.	55.5	2.59	16.0
%RSD	.87281	.24089	1.8975	1.6225	.65376

#1	2277.5	40317.	2869.0	156.67	2461.1
#2	2256.3	40174.	2979.8	161.71	2438.8
#3	2238.1	40360.	2930.7	160.21	2430.1

Sample Name: PB123349BL Acquired: 9/24/2019 14:31:03 Type: Unk
Method: P4-ICP2(v3400) 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	-.00402	.00295	-.00508	-.00190	.00156	-.02849	-.00899	-.00000
Stddev	.00210	.00190	.00209	.00309	.00234	.01704	.01803	.00008
%RSD	52.110	64.498	41.150	162.57	149.73	59.831	200.46	1932.3
#1	-.00163	.00284	-.00451	.00160	-.00110	-.02089	-.00302	.00007
#2	-.00491	.00491	-.00740	-.00306	.00247	-.01657	-.02925	-.00008
#3	-.00553	.00110	-.00333	-.00424	.00331	-.04801	.00529	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00790	.00052	-.00020	.00152	-.00015	-.00009	.01437
Stddev	.00006	.02229	.00098	.00026	.00029	.00088	.00008	.02706
%RSD	41.585	282.27	188.86	129.78	19.262	591.54	81.198	188.32
#1	.00011	-.02505	.00162	.00010	.00139	.00078	-.00003	-.00234
#2	.00011	.01730	.00016	-.00036	.00131	-.00027	-.00007	-.00014
#3	.00021	-.01594	-.00023	-.00034	.00185	-.00096	-.00018	.04559
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00056	-.03520	-.00050	-.00038	-.03651	-.00057	-.00713
Stddev	.00023	.00027	.01676	.00006	.00013	.05107	.00027	.00479
%RSD	29.865	49.191	47.607	12.266	33.193	139.87	47.940	67.244
#1	-.00092	-.00043	-.05123	-.00046	-.00038	-.03071	-.00057	-.00529
#2	-.00087	-.00087	-.01780	-.00046	-.00051	.01141	-.00029	-.00352
#3	-.00050	-.00037	-.03658	-.00057	-.00026	-.09023	-.00084	-.01256
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00500	.00246	-.00133	.00391	F .08423	-.0021	-.00017	F 3.2700
Stddev	.00304	.00250	.00047	.00102	.02323	.0011	.00012	.4543
%RSD	60.806	101.39	35.217	26.081	27.584	52.51	71.255	13.893
#1	-.00150	.00167	-.00162	.00363	.06462	-.0009	-.00018	3.1087
#2	-.00649	.00526	-.00079	.00306	.07817	-.0025	-.00029	3.7830
#3	-.00700	.00046	-.00158	.00504	.10989	-.0030	-.00005	2.9185

Sample Name: PB123349BL Acquired: 9/24/2019 14:31:03 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .38480
Stddev	1.5397
%RSD	400.12

#1	2.0248
#2	-1.0297
#3	.15936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.1	40037.	2895.1	160.27	2413.6
Stddev	2.5	67.	20.1	2.41	3.5
%RSD	.11066	.16850	.69315	1.5026	.14642

#1	2235.0	39965.	2890.6	157.70	2409.8
#2	2232.7	40047.	2917.1	162.47	2414.4
#3	2237.7	40099.	2877.8	160.64	2416.7

Sample Name: K5008-06 Acquired: 9/24/2019 14:35:31 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10926	-.07719	1.2898	.03026	.00689	187.46	1.6234
Stddev	.00514	.00172	.0022	.00331	.00298	1.41	.0170
%RSD	4.7068	2.2221	.17292	10.947	43.250	.75245	1.0470

#1	.10805	-.07890	1.2921	.02889	.00959	185.86	1.6038
#2	.10482	-.07721	1.2876	.02786	.00369	188.55	1.6341
#3	.11490	-.07547	1.2898	.03404	.00739	187.96	1.6323

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00894	.03029	182.62	.60628	.19628	.45481	279.56
Stddev	.00015	.00048	3.53	.00659	.00031	.00044	1.13
%RSD	1.6483	1.5979	1.9352	1.0876	.15669	.09713	.40250

#1	.00898	.03006	182.44	.61354	.19633	.45499	278.78
#2	.00907	.02997	179.18	.60464	.19656	.45513	280.85
#3	.00878	.03085	186.24	.60066	.19595	.45430	279.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7290	181.76	.54501	-.00901	2.4578	.70169	1.9571
Stddev	.0220	1.06	.00136	.00073	.0132	.00453	.0035
%RSD	.38435	.58216	.24921	8.1147	.53539	.64560	.17896

#1	5.7051	180.56	.54367	-.00984	2.4524	.70677	1.9609
#2	5.7484	182.56	.54497	-.00875	2.4728	.70019	1.9565
#3	5.7335	182.16	.54639	-.00845	2.4481	.69809	1.9540

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.998	.00541	-.07145	2.3691	3.2253	.04123	8.4781
Stddev	.137	.00026	.00535	.0103	.1684	.00082	.1835
%RSD	.50849	4.8164	7.4839	.43471	5.2211	2.0006	2.1640

#1	26.933	.00555	-.07125	2.3686	3.2601	.04162	8.4528
#2	27.156	.00511	-.07689	2.3796	3.0422	.04178	8.3086
#3	26.905	.00557	-.06620	2.3590	3.3735	.04028	8.6729

Sample Name: K5008-06 Acquired: 9/24/2019 14:35:31 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25928	F 10.88	.08511	<.00000	F<.00000
Stddev	.00694	.03	.00961	.34290	2.9214
%RSD	2.6756	.2633	11.294	13.278	.81780
#1	.25775	10.91	.08506	-2.9783	-359.07
#2	.25323	10.86	.07552	-2.3756	-353.85
#3	.26685	10.87	.09474	-2.3937	-358.74
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2613.0	46413.	3561.8	150.64	1962.1
Stddev	3.8	69.	70.6	4.01	3.8
%RSD	.14670	.14956	1.9831	2.6607	.19155
#1	2613.1	46452.	3549.3	147.32	1959.2
#2	2609.1	46333.	3637.9	155.09	1960.6
#3	2616.8	46455.	3498.3	149.52	1966.3

Sample Name: CCV03 Acquired: 9/24/2019 14:40:06 Type: Unk
Method: P4-ICP2(v3400) Mode: 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	5.0573	5.0561	4.9677	5.1792	5.0740	9.7590	9.8331	.24996
Stddev	.0198	.0271	.0147	.0197	.0183	.0759	.0758	.00043
%RSD	.39194	.53607	.29516	.38099	.36047	.77739	.77123	.17173
#1	5.0351	5.0319	4.9574	5.1732	5.0651	9.7411	9.7959	.25040
#2	5.0634	5.0509	4.9613	5.1633	5.0619	9.6937	9.7831	.24991
#3	5.0733	5.0854	4.9845	5.2013	5.0950	9.8422	9.9204	.24955
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4762	24.830	.97710	2.4693	1.2852	5.0586	2.4929	24.639
Stddev	.0097	.016	.00096	.0090	.0022	.0140	.0051	.177
%RSD	.39042	.06460	.09835	.36583	.17399	.27730	.20591	.71983
#1	2.4702	24.834	.97721	2.4631	1.2840	5.0721	2.4984	24.478
#2	2.4711	24.812	.97609	2.4652	1.2838	5.0441	2.4883	24.608
#3	2.4874	24.843	.97800	2.4797	1.2878	5.0597	2.4920	24.829
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4619	1.2103	24.124	2.4669	2.4635	24.870	5.0799	4.9506
Stddev	.0107	.0032	.163	.0044	.0102	.166	.0108	.0398
%RSD	.43574	.26170	.67693	.17655	.41574	.66717	.21320	.80333
#1	2.4574	1.2139	24.055	2.4707	2.4580	24.895	5.0709	4.9200
#2	2.4542	1.2091	24.007	2.4680	2.4572	24.693	5.0769	4.9363
#3	2.4742	1.2080	24.311	2.4622	2.4754	25.022	5.0919	4.9956
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9834	5.0442	4.9444	5.0453	5.1303	5.153	4.9223	F 4.0075
Stddev	.0082	.0498	.0296	.0068	.0195	.006	.0123	.0964
%RSD	.16394	.98770	.59850	.13487	.38081	.1239	.25015	2.4053
#1	4.9752	5.0927	4.9162	5.0394	5.1415	5.156	4.9337	3.9308
#2	4.9834	5.0466	4.9419	5.0438	5.1416	5.145	4.9239	4.1157
#3	4.9916	4.9932	4.9752	5.0528	5.1077	5.156	4.9092	3.9759

Sample Name: CCV03 Acquired: 9/24/2019 14:40:06 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4318
Stddev	1.0589
%RSD	73.952

#1	1.9338
#2	.21532
#3	2.1464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.9	38698.	2879.9	153.22	2166.2
Stddev	4.3	101.	32.7	1.86	7.0
%RSD	.19978	.26077	1.1369	1.2108	.32410

#1	2167.4	38582.	2852.5	151.17	2171.7
#2	2162.6	38760.	2871.1	153.71	2168.6
#3	2158.8	38752.	2916.2	154.78	2158.3

Sample Name: CCB03 Acquired: 9/24/2019 14:44:04 Type: Unk
Method: P4-ICP2(v3400) Mode: 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	-.00525	.00471	-.00412	.00097	.00111	-.02397	-.00395	.00007
Stddev	.00232	.00088	.00107	.00281	.00248	.00412	.00883	.00010
%RSD	44.228	18.770	26.048	288.60	223.59	17.199	223.34	138.36
#1	-.00623	.00477	-.00338	-.00100	-.00169	-.02700	-.00470	.00016
#2	-.00260	.00556	-.00364	-.00027	.00302	-.02565	-.01239	-.00003
#3	-.00694	.00379	-.00536	.00419	.00200	-.01928	.00522	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.01307	.00059	-.00004	.00178	.00176	-.00006	-.01352
Stddev	.00018	.01530	.00047	.00024	.00046	.00118	.00005	.03771
%RSD	161.04	117.09	79.884	599.93	25.914	66.807	88.186	279.04
#1	.00006	.03073	.00054	-.00022	.00166	.00267	-.00006	-.03671
#2	-.00003	.00438	.00015	.00023	.00139	.00043	-.00012	-.03384
#3	.00031	.00409	.00109	-.00014	.00230	.00218	-.00001	.03000
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00039	-.07129	-.00038	-.00034	-.10785	.00108	.00453
Stddev	.00026	.00035	.00295	.00023	.00013	.00864	.00042	.00812
%RSD	27.904	92.138	4.1367	61.873	37.651	8.0086	38.543	179.22
#1	-.00110	.00002	-.07125	-.00049	-.00028	-.10787	.00154	-.00479
#2	-.00064	-.00056	-.06836	-.00011	-.00026	-.09920	.00096	.00827
#3	-.00108	-.00062	-.07425	-.00054	-.00049	-.11647	.00074	.01011
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00587	.00929	.00057	.00393	F .07603	-.0024	-.00012	F 2.9624
Stddev	.00212	.00261	.00093	.00162	.01797	.0005	.00008	.2790
%RSD	36.213	28.059	165.07	41.254	23.638	19.09	66.065	9.4177
#1	-.00465	.00635	.00163	.00497	.05580	-.0021	-.00008	2.8551
#2	-.00463	.01017	-.00009	.00206	.09014	-.0030	-.00021	3.2792
#3	-.00832	.01134	.00016	.00475	.08215	-.0023	-.00006	2.7530

Sample Name: CCB03 Acquired: 9/24/2019 14:44:04 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .72650
Stddev .47994
%RSD 66.062

#1 1.2485
#2 .30426
#3 .62678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.3	39850.	2911.6	158.12	2410.0
Stddev	10.3	134.	13.0	2.08	10.2
%RSD	.45900	.33630	.44720	1.3154	.42134

#1	2227.7	39713.	2918.5	159.77	2401.9
#2	2231.1	39856.	2896.5	155.78	2406.6
#3	2247.0	39981.	2919.7	158.79	2421.4

Sample Name: K5008-06DUP Acquired: 9/24/2019 14:48:32 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10865	-.07391	1.2748	.03093	.00504	186.52	1.5959
Stddev	.00149	.00429	.0007	.00479	.00492	1.98	.0203
%RSD	1.3701	5.8106	.05301	15.474	97.489	1.0601	1.2743

#1	.11037	-.07843	1.2753	.02864	.00753	185.83	1.5895
#2	.10786	-.06988	1.2750	.02772	.00822	184.98	1.5796
#3	.10773	-.07342	1.2740	.03643	-.00062	188.75	1.6187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00882	.03009	176.49	.60676	.19653	.45267	278.99
Stddev	.00012	.00017	3.56	.00599	.00079	.00050	3.31
%RSD	1.3603	.56206	2.0148	.98733	.40299	.11093	1.1852

#1	.00890	.03009	174.72	.61310	.19728	.45211	279.42
#2	.00869	.02993	174.17	.60120	.19662	.45282	275.49
#3	.00888	.03026	180.59	.60599	.19570	.45307	282.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6550	181.49	.54978	-.00890	2.4500	.69748	1.9374
Stddev	.0637	1.94	.00272	.00071	.0222	.00709	.0119
%RSD	1.1272	1.0679	.49471	7.9221	.90446	1.0166	.61363

#1	5.6807	181.78	.55011	-.00970	2.4437	.70444	1.9238
#2	5.5824	179.42	.54691	-.00865	2.4317	.69026	1.9457
#3	5.7019	183.26	.55232	-.00836	2.4747	.69774	1.9428

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.935	.00579	-.06984	2.3921	3.1633	.04200	8.5271
Stddev	.197	.00044	.00385	.0099	.0225	.00090	.1586
%RSD	.72986	7.6350	5.5127	.41270	.70989	2.1459	1.8601

#1	26.949	.00628	-.06572	2.4026	3.1861	.04102	8.4639
#2	26.731	.00568	-.07048	2.3831	3.1626	.04278	8.4097
#3	27.124	.00542	-.07334	2.3905	3.1412	.04221	8.7075

Sample Name: K5008-06DUP Acquired: 9/24/2019 14:48:32 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25931	F 10.79	.05048	<.00000	F<.00000
Stddev	.01271	.01	.00409	.30993	2.5740
%RSD	4.8999	.0778	8.1102	11.942	.72363
#1	.24633	10.80	.04746	-2.8295	-358.46
#2	.25986	10.78	.04886	-2.7124	-353.36
#3	.27173	10.79	.05514	-2.2438	-355.29
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.4	46549.	3544.9	149.45	1966.3
Stddev	24.0	271.	43.6	3.27	13.9
%RSD	.91442	.58112	1.2305	2.1855	.70844
#1	2650.1	46407.	3563.1	148.89	1982.3
#2	2609.6	46861.	3576.5	152.96	1956.6
#3	2607.5	46380.	3495.1	146.50	1960.0

Sample Name: K5008-06LX5 Acquired: 9/24/2019 14:53:09 Type: Unk
Method: P4-ICP2(v3400) 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	.02446	-.00588	.25476	.01144	-.00101	42.982	.37212
Stddev	.00194	.00142	.00028	.00454	.00391	.303	.01109
%RSD	7.9248	24.158	.10967	39.648	385.33	.70562	2.9797

#1	.02365	-.00584	.25476	.01154	-.00479	42.632	.36079
#2	.02668	-.00732	.25505	.01593	-.00126	43.153	.37263
#3	.02306	-.00448	.25449	.00686	.00301	43.162	.38295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	.00454	45.353	.14490	.03784	.11242	75.510
Stddev	.00011	.00007	.141	.00057	.00016	.00045	.337
%RSD	5.1019	1.6156	.31114	.39071	.42621	.40038	.44692

#1	.00208	.00455	45.193	.14548	.03769	.11190	75.286
#2	.00202	.00447	45.405	.14434	.03801	.11264	75.898
#3	.00223	.00461	45.460	.14487	.03783	.11271	75.345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4265	42.769	.10419	-.00086	.47738	.16541	.36429
Stddev	.0024	.148	.00054	.00025	.01839	.00075	.00118
%RSD	.17037	.34532	.52034	28.757	3.8526	.45633	.32403

#1	1.4259	42.607	.10436	-.00104	.45622	.16468	.36294
#2	1.4292	42.896	.10462	-.00058	.48640	.16536	.36479
#3	1.4245	42.803	.10358	-.00097	.48951	.16619	.36513

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1024	.00089	-.00250	.43764	.76475	.00753	2.0394
Stddev	.0022	.00029	.00731	.00690	.01856	.00093	.0213
%RSD	.03654	33.085	292.55	1.5771	2.4269	12.356	1.0464

#1	6.1019	.00059	-.00605	.43005	.77665	.00708	2.0158
#2	6.1049	.00090	-.00736	.44355	.74336	.00691	2.0450
#3	6.1006	.00118	.00591	.43932	.77423	.00860	2.0573

Sample Name: K5008-06LX5 Acquired: 9/24/2019 14:53:09 Type: Unk
Method: P4-ICP2(v3400) 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	.12498	2.051	.01471	2.2462	F<.00000
Stddev	.01286	.007	.00070	.0277	1.5002
%RSD	10.292	.3588	4.7247	1.2338	2.1680

#1	.12755	2.044	.01412	2.2412	-67.774
#2	.11103	2.051	.01454	2.2214	-69.058
#3	.13637	2.058	.01548	2.2761	-70.765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.4	40878.	3049.6	157.03	2220.0
Stddev	5.9	109.	9.5	.65	6.7
%RSD	.25470	.26671	.31018	.41286	.30329

#1	2304.8	40802.	3049.3	157.54	2227.6
#2	2293.4	40829.	3040.3	156.30	2214.8
#3	2296.9	41003.	3059.2	157.25	2217.6

Sample Name: K5008-06MS Acquired: 9/24/2019 14:57:36 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74531	1.9665	2.2748	1.6123	.12143	192.90	1.6977
Stddev	.00230	.0142	.0017	.0028	.00133	1.35	.0101
%RSD	.30815	.72339	.07251	.17301	1.0945	.69732	.59728

#1	.74796	1.9735	2.2729	1.6155	.12000	194.10	1.7073
#2	.74403	1.9759	2.2760	1.6109	.12262	191.45	1.6871
#3	.74394	1.9501	2.2754	1.6105	.12168	193.15	1.6987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17530	.23634	191.40	.91366	.40113	.71695	281.74
Stddev	.00162	.00031	4.18	.01282	.00087	.00070	3.12
%RSD	.92699	.12959	2.1854	1.4031	.21587	.09734	1.1058

#1	.17582	.23670	189.91	.91693	.40177	.71680	282.65
#2	.17347	.23618	196.12	.89952	.40015	.71771	278.27
#3	.17660	.23615	188.16	.92453	.40148	.71634	284.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6162	193.88	1.0533	.05016	4.9579	.93668	2.2165
Stddev	.0537	1.30	.0010	.00040	.0277	.01025	.0053
%RSD	.95613	.67192	.09629	.78786	.55786	1.0947	.23699

#1	5.6160	194.98	1.0538	.05042	4.9866	.94020	2.2171
#2	5.5625	192.44	1.0521	.04971	4.9314	.92514	2.2110
#3	5.6699	194.23	1.0540	.05037	4.9556	.94472	2.2215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.992	.32189	.11957	2.3742	3.9122	.76196	9.0689
Stddev	.317	.00107	.00918	.0099	.1111	.00219	.1980
%RSD	.88116	.33152	7.6812	.41624	2.8395	.28727	2.1835

#1	36.224	.32272	.11163	2.3774	3.9392	.76234	8.9968
#2	35.631	.32227	.11744	2.3821	4.0073	.76394	9.2928
#3	36.122	.32069	.12963	2.3632	3.7901	.75961	8.9169

Sample Name: K5008-06MS Acquired: 9/24/2019 14:57:36 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44177	F 17.15	.12462	<.00000	F<.00000
Stddev	.01637	.12	.01322	.19182	1.6965
%RSD	3.7044	.6783	10.607	9.1971	.46182

#1	.44628	17.20	.11949	-2.0195	-369.18
#2	.45542	17.02	.13964	-1.9357	-365.83
#3	.42363	17.23	.11474	-2.3018	-367.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2593.1	46489.	3503.3	148.49	1936.8
Stddev	11.5	380.	70.1	4.30	6.7
%RSD	.44482	.81773	2.0020	2.8932	.34468

#1	2591.5	46300.	3532.3	148.86	1937.6
#2	2605.3	46927.	3423.3	144.02	1943.0
#3	2582.4	46240.	3554.2	152.58	1929.8

Sample Name: K5008-06MSD Acquired: 9/24/2019 15:02:06 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74004	1.9644	2.2663	1.6059	.12437	194.75	1.7290
Stddev	.00393	.0106	.0097	.0063	.00306	.45	.0132
%RSD	.53143	.53787	.42780	.39341	2.4580	.23032	.76205

#1	.73885	1.9523	2.2576	1.6013	.12762	194.88	1.7159
#2	.74443	1.9712	2.2767	1.6131	.12155	194.25	1.7288
#3	.73684	1.9698	2.2645	1.6034	.12394	195.12	1.7422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17697	.23627	199.26	.92367	.40151	.70211	282.67
Stddev	.00020	.00061	2.44	.00350	.00126	.00140	1.40
%RSD	.11034	.25657	1.2266	.37884	.31261	.19992	.49451

#1	.17682	.23587	201.84	.92605	.40025	.70077	284.09
#2	.17719	.23697	196.98	.91965	.40276	.70198	282.64
#3	.17690	.23598	198.95	.92532	.40153	.70357	281.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6236	200.94	1.0499	.05125	5.0443	.94710	2.2409
Stddev	.0332	.88	.0036	.00065	.0064	.00093	.0087
%RSD	.59031	.43605	.34478	1.2750	.12750	.09813	.38973

#1	5.6615	201.36	1.0493	.05197	5.0477	.94811	2.2319
#2	5.6000	199.93	1.0538	.05111	5.0369	.94689	2.2493
#3	5.6092	201.53	1.0467	.05068	5.0483	.94629	2.2416

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.006	.31986	.13198	2.4889	3.8305	.76428	9.0072
Stddev	.074	.00062	.00678	.0084	.0614	.00360	.0952
%RSD	.20630	.19450	5.1387	.33696	1.6037	.47044	1.0572

#1	36.089	.31917	.13699	2.4793	3.8676	.76016	9.1136
#2	35.983	.32006	.13469	2.4936	3.7596	.76586	8.9299
#3	35.946	.32037	.12426	2.4940	3.8642	.76681	8.9783

Sample Name: K5008-06MSD Acquired: 9/24/2019 15:02:06 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45345	F 17.34	.12718	<.00000	F<.00000
Stddev	.00669	.12	.00508	.34877	1.6735
%RSD	1.4762	.6828	3.9938	16.456	.45748
#1	.45404	17.22	.13242	-1.7273	-366.96
#2	.44648	17.46	.12227	-2.2360	-366.56
#3	.45983	17.34	.12686	-2.3950	-363.88
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.9	46082.	3527.6	151.88	1931.2
Stddev	8.3	154.	47.9	3.24	11.3
%RSD	.32104	.33316	1.3567	2.1308	.58264
#1	2603.8	45905.	3473.0	148.67	1940.8
#2	2587.6	46179.	3561.9	155.14	1918.8
#3	2599.4	46161.	3548.0	151.83	1933.9

Sample Name: K5008-06A Acquired: 9/24/2019 15:06:34 Type: Unk
Method: P4-ICP2(v3400) 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	.73952	1.9587	2.2587	1.6070	.12156	193.34	1.7147
Stddev	.00021	.0024	.0047	.0039	.00347	.76	.0222
%RSD	.02778	.11974	.20987	.24006	2.8580	.39156	1.2916

#1	.73944	1.9592	2.2638	1.6041	.12048	193.62	1.7372
#2	.73937	1.9607	2.2544	1.6114	.12545	193.92	1.7141
#3	.73975	1.9561	2.2580	1.6055	.11876	192.49	1.6930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17586	.23513	198.83	.91846	.39965	.70229	278.71
Stddev	.00029	.00070	.40	.00123	.00168	.00197	1.71
%RSD	.16368	.29872	.19878	.13348	.42079	.28005	.61294

#1	.17557	.23586	199.18	.91805	.40085	.70434	277.93
#2	.17585	.23507	198.40	.91984	.39773	.70042	280.68
#3	.17615	.23446	198.90	.91750	.40037	.70212	277.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5914	199.26	1.0443	.05100	4.9933	.94296	2.2231
Stddev	.0320	.97	.0013	.00086	.0272	.00234	.0058
%RSD	.57302	.48472	.12577	1.6765	.54424	.24764	.25984

#1	5.6200	199.16	1.0448	.05135	5.0244	.94098	2.2298
#2	5.5975	200.27	1.0452	.05162	4.9814	.94553	2.2193
#3	5.5568	198.35	1.0428	.05003	4.9741	.94235	2.2204

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.788	.31972	.12381	2.4699	3.7926	.76025	8.9348
Stddev	.206	.00181	.00409	.0125	.0399	.00215	.0146
%RSD	.57462	.56678	3.3029	.50573	1.0527	.28257	.16308

#1	36.006	.32156	.12211	2.4748	3.7653	.76246	8.9500
#2	35.762	.31966	.12085	2.4792	3.7742	.76011	8.9333
#3	35.597	.31794	.12848	2.4557	3.8385	.75818	8.9209

Sample Name: K5008-06A Acquired: 9/24/2019 15:06:34 Type: Unk
Method: P4-ICP2(v3400) 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	.44711	F 17.32	.12930	<.00000	F<.00000
Stddev	.00843	.04	.00306	.12343	2.9419
%RSD	1.8846	.2507	2.3632	6.9442	.81027
#1	.44292	17.30	.13116	-1.7714	-362.75
#2	.44160	17.37	.12578	-1.6571	-360.31
#3	.45681	17.28	.13098	-1.9037	-366.16
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.6	46240.	3519.4	150.65	1938.4
Stddev	7.3	154.	9.8	1.23	6.5
%RSD	.28226	.33224	.27948	.81971	.33569
#1	2593.5	46087.	3515.4	149.58	1931.1
#2	2607.8	46238.	3530.5	150.36	1943.6
#3	2603.6	46394.	3512.1	152.00	1940.5

Sample Name: K5008-07 Acquired: 9/24/2019 15:11:02 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05785	-.00324	.28565	.02709	.00252	142.05	.66800
Stddev	.00190	.00291	.00251	.00392	.00044	1.68	.00374
%RSD	3.2759	89.928	.88024	14.462	17.414	1.1809	.56006

#1	.05650	-.00283	.28600	.03002	.00253	140.87	.66527
#2	.06001	-.00055	.28299	.02861	.00208	141.31	.66647
#3	.05704	-.00634	.28798	.02264	.00296	143.97	.67227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00890	.01305	93.175	.17221	.09357	.14739	183.42
Stddev	.00013	.00021	.336	.00230	.00063	.00037	1.98
%RSD	1.4679	1.5766	.36108	1.3339	.67235	.25001	1.0782

#1	.00883	.01299	93.550	.17095	.09287	.14774	182.88
#2	.00881	.01328	92.899	.17082	.09408	.14742	181.77
#3	.00905	.01288	93.076	.17486	.09375	.14700	185.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5919	67.928	.18446	-.00299	6.8481	.22787	.61188
Stddev	.0607	.891	.00039	.00016	.0876	.00210	.00187
%RSD	1.0862	1.3124	.21366	5.4256	1.2789	.92309	.30559

#1	5.5633	67.264	.18458	-.00299	6.7946	.22688	.61006
#2	5.5508	67.578	.18479	-.00315	6.8006	.22644	.61179
#3	5.6617	68.941	.18402	-.00283	6.9492	.23029	.61380

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.177	.00098	-.00574	4.7957	6.9897	.01364	1.5973
Stddev	.182	.00017	.00600	.0086	.1143	.00040	.0060
%RSD	1.4937	17.509	104.59	.18045	1.6349	2.9113	.37283

#1	12.043	.00117	.00105	4.7883	7.1137	.01378	1.6037
#2	12.104	.00083	-.01035	4.7936	6.9667	.01395	1.5919
#3	12.384	.00094	-.00790	4.8052	6.8887	.01319	1.5963

Sample Name: K5008-07 Acquired: 9/24/2019 15:11:02 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17909	7.439	-.02487	<.00000	F<.00000
Stddev	.01344	.009	.00274	.25264	1.0974
%RSD	7.5062	.1199	11.000	13.275	.51121
#1	.16776	7.445	-.02356	-1.9893	-214.85
#2	.19394	7.429	-.02304	-2.1013	-215.67
#3	.17556	7.444	-.02802	-1.6186	-213.50
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2640.0	46536.	3545.1	158.52	2134.7
Stddev	11.2	421.	23.2	1.92	7.1
%RSD	.42264	.90573	.65515	1.2102	.33087
#1	2650.4	46757.	3520.1	157.66	2140.8
#2	2641.4	46801.	3549.3	160.72	2136.2
#3	2628.2	46050.	3566.0	157.19	2126.9

Sample Name: K5008-08 Acquired: 9/24/2019 15:15:37 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07698	-.00911	2.2964	.03690	.00740	125.65	.58449
Stddev	.00217	.00122	.0101	.00444	.00283	1.09	.00352
%RSD	2.8141	13.417	.44088	12.020	38.176	.86694	.60242

#1	.07935	-.00981	2.3074	.03298	.00483	124.63	.58118
#2	.07511	-.00982	2.2875	.03600	.00695	125.52	.58819
#3	.07647	-.00770	2.2942	.04172	.01043	126.79	.58412

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	.01836	203.87	1.4179	.12710	.29423	205.35
Stddev	.00004	.00014	1.09	.0046	.00045	.00043	.47
%RSD	.50328	.73741	.53708	.32600	.35359	.14512	.22887

#1	.00770	.01823	202.97	1.4126	.12726	.29452	205.52
#2	.00763	.01835	203.54	1.4201	.12659	.29374	204.82
#3	.00766	.01850	205.09	1.4210	.12745	.29442	205.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5988	143.05	.20388	-.00289	6.1048	.25662	2.8579
Stddev	.0352	.64	.00081	.00099	.0364	.00069	.0098
%RSD	.46274	.44629	.39849	34.135	.59669	.26910	.34378

#1	7.6163	142.80	.20294	-.00230	6.0685	.25597	2.8685
#2	7.5583	142.57	.20439	-.00403	6.1045	.25734	2.8491
#3	7.6218	143.77	.20430	-.00234	6.1413	.25655	2.8562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.896	.00696	-.03385	F 54.682	3.8118	.00285	2.4530
Stddev	.169	.00040	.00291	.191	.0237	.00046	.0191
%RSD	.73921	5.7304	8.5916	.34839	.62122	16.293	.78046

#1	22.713	.00650	-.03078	54.867	3.8134	.00249	2.4322
#2	22.928	.00717	-.03420	54.487	3.8347	.00338	2.4569
#3	23.047	.00721	-.03656	54.691	3.7874	.00269	2.4699

Sample Name: K5008-08 Acquired: 9/24/2019 15:15:37 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35746	4.519	.02435	.23710	F<.00000
Stddev	.01382	.019	.00109	.38672	.63878
%RSD	3.8661	.4282	4.4743	163.10	.27930
#1	.35633	4.533	.02310	.65502	-228.72
#2	.34424	4.497	.02509	.16438	-229.34
#3	.37181	4.527	.02487	-.10810	-228.07
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.6	42698.	3276.0	153.26	2046.8
Stddev	6.1	108.	12.6	1.50	6.5
%RSD	.25235	.25182	.38551	.97681	.31744
#1	2405.0	42574.	3261.8	151.85	2041.6
#2	2416.5	42757.	3285.8	153.11	2054.1
#3	2407.4	42762.	3280.6	154.83	2044.7

Sample Name: K5008-09 Acquired: 9/24/2019 15:20:02 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06490	-.00824	.32815	.01947	.00039	83.842	.40998
Stddev	.00263	.00124	.00054	.00438	.00101	.823	.00135
%RSD	4.0514	15.089	.16513	22.497	261.46	.98217	.32866

#1	.06738	-.00747	.32810	.01825	-.00078	83.234	.40862
#2	.06214	-.00757	.32872	.01583	.00090	84.779	.41132
#3	.06518	-.00968	.32764	.02433	.00105	83.513	.41001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00742	.01249	181.20	.18199	.08797	.16687	170.43
Stddev	.00009	.00009	4.20	.00134	.00014	.00080	.41
%RSD	1.2409	.73885	2.3202	.73753	.15692	.47772	.24178

#1	.00745	.01260	185.45	.18211	.08793	.16733	170.89
#2	.00750	.01244	181.10	.18059	.08786	.16595	170.09
#3	.00732	.01243	177.04	.18327	.08812	.16733	170.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3580	127.44	.17354	-.00290	4.4844	.27241	.57570
Stddev	.0019	1.19	.00112	.00060	.0360	.00147	.00120
%RSD	.13978	.93336	.64347	20.573	.80320	.53826	.20893

#1	1.3582	126.31	.17230	-.00358	4.4456	.27380	.57537
#2	1.3597	128.68	.17447	-.00269	4.5168	.27255	.57704
#3	1.3560	127.33	.17384	-.00244	4.4907	.27088	.57470

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.283	.00184	-.02385	F 88.172	3.1581	-.02264	1.9319
Stddev	.106	.00034	.00776	.231	.0681	.00156	.0320
%RSD	.55124	18.190	32.524	.26254	2.1562	6.8677	1.6577

#1	19.208	.00212	-.02048	87.970	3.2341	-.02313	1.9676
#2	19.405	.00147	-.01835	88.424	3.1372	-.02090	1.9224
#3	19.237	.00194	-.03272	88.121	3.1028	-.02390	1.9057

Sample Name: K5008-09 Acquired: 9/24/2019 15:20:02 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20953	3.409	-.03172	.61613	F<.00000
Stddev	.01940	.007	.00235	.03243	1.7961
%RSD	9.2589	.2024	7.4157	5.2628	.97269
#1	.22826	3.417	-.02928	.60379	-186.72
#2	.18952	3.405	-.03189	.65291	-183.53
#3	.21081	3.405	-.03398	.59169	-183.70
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.2	43144.	3296.2	155.61	2094.1
Stddev	9.4	55.	91.3	2.28	5.3
%RSD	.38517	.12670	2.7687	1.4651	.25463
#1	2446.4	43085.	3195.4	153.19	2098.0
#2	2427.7	43193.	3320.0	155.95	2088.0
#3	2437.6	43154.	3373.2	157.71	2096.1

Sample Name: K5010-03 Acquired: 9/24/2019 15:24:20 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BSP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11658	-.06730	1.6568	.02355	.00578	128.93	.75394
Stddev	.00091	.00267	.0030	.00316	.00263	1.22	.00788
%RSD	.77875	3.9644	.17934	13.418	45.505	.94740	1.0448

#1	.11670	-.06425	1.6588	.02503	.00677	127.52	.74672
#2	.11742	-.06920	1.6583	.01992	.00280	129.54	.76234
#3	.11562	-.06845	1.6534	.02570	.00776	129.72	.75277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01208	.06629	32.503	.11054	.21875	1.7296	362.10
Stddev	.00013	.00028	.159	.00120	.00083	.0015	2.54
%RSD	1.1163	.41564	.48844	1.0828	.37799	.08821	.70255

#1	.01206	.06638	32.590	.10917	.21944	1.7278	359.26
#2	.01195	.06597	32.320	.11107	.21898	1.7304	362.87
#3	.01222	.06650	32.600	.11138	.21783	1.7305	364.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2334	35.372	.24389	-.02001	1.4408	.33070	1.2146
Stddev	.0154	.298	.00083	.00019	.0191	.00238	.0029
%RSD	.29512	.84345	.34003	.97390	1.3225	.72086	.23790

#1	5.2175	35.032	.24372	-.02018	1.4235	.32834	1.2150
#2	5.2483	35.498	.24478	-.01979	1.4612	.33065	1.2115
#3	5.2344	35.587	.24315	-.02005	1.4377	.33311	1.2173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.210	.01011	-.24253	8.2632	2.7260	.07799	4.6391
Stddev	.099	.00007	.00078	.0115	.0458	.00145	.0138
%RSD	.54210	.69265	.32217	.13933	1.6809	1.8641	.29821

#1	18.097	.01018	-.24187	8.2758	2.6935	.07882	4.6534
#2	18.254	.01004	-.24340	8.2532	2.7062	.07631	4.6258
#3	18.279	.01012	-.24233	8.2607	2.7784	.07885	4.6380

Sample Name: K5010-03 Acquired: 9/24/2019 15:24:20 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BSP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05776	F 19.95	-.30645	<.00000	F<.00000
Stddev	.00310	.09	.00287	.59160	2.0398
%RSD	5.3615	.4630	.93751	3.2264	.25644
#1	.05469	19.96	-.30327	-17.824	-797.27
#2	.06088	19.85	-.30720	-18.201	-795.83
#3	.05772	20.04	-.30887	-18.984	-793.24
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.7	66126.	5032.9	157.95	1952.5
Stddev	9.6	353.	50.8	2.02	8.4
%RSD	.25854	.53401	1.0085	1.2814	.42880
#1	3722.2	66433.	5003.5	156.20	1955.6
#2	3709.7	66204.	5091.5	160.17	1959.0
#3	3703.3	65740.	5003.7	157.49	1943.1

Sample Name: K4664-13 Acquired: 9/24/2019 15:28:54 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-092319 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00415	.00173	-.00016	.00479	.00218	.06371	.10180	.00003
Stddev	.00202	.00126	.00085	.00368	.00207	.01440	.01380	.00008
%RSD	48.627	72.886	521.46	76.818	94.941	22.599	13.558	282.08

#1	-.00486	.00222	-.00093	.00598	.00456	.05931	.09439	.00006
#2	-.00571	.00030	.00075	.00066	.00089	.05203	.09329	.00008
#3	-.00187	.00266	-.00030	.00772	.00108	.07980	.11773	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	13.446	.00047	.00407	.00787	.04701	.53435	1.7727
Stddev	.00010	.133	.00054	.00039	.00032	.00354	.00542	.0626
%RSD	48.603	.98968	116.65	9.5821	4.0547	7.5354	1.0150	3.5295

#1	.00028	13.310	-.00016	.00363	.00808	.05077	.53797	1.7877
#2	.00009	13.453	.00077	.00418	.00750	.04653	.52811	1.7041
#3	.00026	13.576	.00079	.00439	.00803	.04373	.53696	1.8265

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00019	259.75	-.00094	.03649	.69574	-.00024	.00542
Stddev	.00032	.00030	.82	.00028	.00008	.06015	.00025	.00097
%RSD	118.95	155.65	.31451	29.533	.22362	8.6448	104.66	17.834

#1	.00006	-.00004	260.67	-.00124	.03657	.63189	-.00004	.00556
#2	.00011	-.00053	259.09	-.00091	.03649	.75133	-.00016	.00439
#3	.00064	.00000	259.50	-.00068	.03641	.70400	-.00053	.00631

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27959	.46782	-.00075	.00455	.08698	.0018	.04178	4.0984
Stddev	.00347	.00679	.00131	.00076	.01720	.0005	.00044	.2914
%RSD	1.2397	1.4515	175.25	16.629	19.773	26.66	1.0565	7.1108

#1	.28117	.46956	-.00171	.00538	.08104	.0012	.04127	4.3904
#2	.28198	.46033	.00074	.00438	.10637	.0020	.04197	4.0973
#3	.27561	.47357	-.00128	.00390	.07354	.0021	.04209	3.8076

Sample Name: K4664-13 Acquired: 9/24/2019 15:28:54 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-092319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.4364
Stddev	.5063
%RSD	9.3131

#1	5.1669
#2	5.1220
#3	6.0205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.0	37905.	2924.8	157.37	2134.3
Stddev	6.6	337.	9.1	2.17	2.6
%RSD	.30823	.88833	.30985	1.3769	.12280

#1	2117.5	37527.	2927.4	158.78	2131.3
#2	2127.9	38174.	2932.2	158.45	2135.3
#3	2129.6	38013.	2914.7	154.87	2136.3

Sample Name: CCV04 Acquired: 9/24/2019 15:33:20 Type: Unk

Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8582 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0655	5.1073	5.0179	5.2002	5.1143	9.7323	9.8505	.24889
Stddev	.0120	.0055	.0052	.0146	.0027	.0978	.1108	.00050
%RSD	.23724	.10777	.10330	.28024	.05179	1.0044	1.1247	.20004
#1	5.0747	5.1035	5.0136	5.2168	5.1157	9.6202	9.7227	.24903
#2	5.0700	5.1048	5.0165	5.1893	5.1158	9.7996	9.9092	.24929
#3	5.0519	5.1136	5.0236	5.1946	5.1112	9.7771	9.9195	.24833
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5057	24.406	.97863	2.4959	1.2962	5.0633	2.4861	24.346
Stddev	.0013	.766	.00251	.0017	.0018	.0138	.0054	.312
%RSD	.05133	3.1403	.25621	.06605	.14105	.27149	.21560	1.2834
#1	2.5043	24.597	.97574	2.4942	1.2982	5.0539	2.4828	23.999
#2	2.5059	23.562	.97997	2.4959	1.2947	5.0791	2.4923	24.433
#3	2.5069	25.059	.98019	2.4975	1.2956	5.0569	2.4833	24.605
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4972	1.2114	24.155	2.4712	2.4872	24.961	5.0922	4.9469
Stddev	.0030	.0014	.243	.0094	.0036	.148	.0042	.0558
%RSD	.11999	.11152	1.0079	.37823	.14419	.59445	.08332	1.1271
#1	2.4938	1.2117	23.875	2.4644	2.4850	24.792	5.0971	4.9030
#2	2.4983	1.2126	24.312	2.4819	2.4852	25.022	5.0893	5.0096
#3	2.4995	1.2099	24.279	2.4673	2.4913	25.070	5.0902	4.9281
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0373	4.9474	4.9941	4.9303	5.0229	5.254	4.7957	F 2.9810
Stddev	.0108	.1841	.0120	.1670	.1909	.015	.1666	.5387
%RSD	.21467	3.7203	.24029	3.3876	3.8011	.2916	3.4737	18.070
#1	5.0255	5.0604	4.9804	4.9746	5.1185	5.249	4.8421	3.1944
#2	5.0468	4.7350	4.9990	4.7456	4.8031	5.242	4.6108	2.3683
#3	5.0396	5.0467	5.0028	5.0707	5.1472	5.271	4.9341	3.3802

Sample Name: CCV04 Acquired: 9/24/2019 15:33:20 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8582 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3890
Stddev .4217
%RSD 17.650

#1 2.4914
#2 2.7500
#3 1.9255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.9	39784.	3033.7	164.12	2205.6
Stddev	3.2	144.	103.7	4.83	1.3
%RSD	.14549	.36310	3.4192	2.9405	.06001

#1	2216.8	39913.	2971.3	159.13	2206.6
#2	2219.6	39628.	3153.4	168.77	2204.1
#3	2223.2	39813.	2976.3	164.46	2206.1

Sample Name: CCB04 Acquired: 9/24/2019 15:37:17 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8582 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	.00411	-.00512	.00120	-.00132	-.02194	-.01035	-.00002
Stddev	.00208	.00073	.00141	.00254	.00005	.00363	.00672	.00002
%RSD	55.794	17.771	27.606	211.03	3.6284	16.535	64.926	91.728
#1	-.00202	.00426	-.00368	-.00082	-.00126	-.01905	-.01612	-.00002
#2	-.00605	.00331	-.00651	.00037	-.00135	-.02076	-.01195	-.00005
#3	-.00312	.00475	-.00518	.00405	-.00135	-.02601	-.00297	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00077	.00033	.00018	.00068	.00088	-.00015	.01348
Stddev	.00011	.02666	.00007	.00049	.00037	.00030	.00007	.03460
%RSD	54.096	3459.8	20.344	270.24	54.459	33.681	43.858	256.60
#1	.00034	-.00894	.00030	.00071	.00046	.00054	-.00013	-.00661
#2	.00018	-.01967	.00029	-.00025	.00110	.00099	-.00022	-.00638
#3	.00011	.03092	.00041	.00008	.00046	.00110	-.00010	.05343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00031	-.07942	-.00029	-.00021	-.07431	.00078	.00198
Stddev	.00039	.00015	.01147	.00026	.00003	.09159	.00071	.01035
%RSD	44.210	49.397	14.437	88.202	13.354	123.24	90.668	522.34
#1	-.00051	-.00049	-.08062	-.00018	-.00019	-.18001	.00152	.00465
#2	-.00087	-.00022	-.09024	-.00011	-.00025	-.02450	.00069	.01074
#3	-.00130	-.00023	-.06741	-.00059	-.00021	-.01843	.00012	-.00944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	.00611	-.00011	.00165	F .08563	-.0036	-.00027	F 2.5407
Stddev	.00214	.00112	.00041	.00043	.00489	.0021	.00018	.0562
%RSD	171.60	18.358	370.15	25.867	5.7150	56.80	65.646	2.2131
#1	-.00372	.00571	.00031	.00160	.08992	-.0048	-.00022	2.4774
#2	-.00008	.00524	-.00052	.00126	.08030	-.0013	-.00047	2.5597
#3	.00005	.00738	-.00012	.00211	.08665	-.0049	-.00013	2.5850

Sample Name: CCB04 Acquired: 9/24/2019 15:37:17 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8582 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .55052
Stddev	.40032
%RSD	72.717

#1	.92750
#2	.59370
#3	.13036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.7	40669.	2965.8	163.70	2438.0
Stddev	7.2	62.	16.7	.62	7.1
%RSD	.31880	.15239	.56318	.38131	.29146

#1	2264.7	40618.	2968.8	163.77	2437.5
#2	2279.1	40652.	2980.8	164.29	2445.3
#3	2271.3	40738.	2947.8	163.05	2431.1

Sample Name: K4668-15 Acquired: 9/24/2019 15:41:46 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-092319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00582	-.00100	.00187	.00683	.00051	.06285	.14533	.00012
Stddev	.00171	.00149	.00131	.00165	.00209	.01466	.00586	.00012
%RSD	29.418	149.89	70.076	24.149	410.44	23.321	4.0316	99.479

#1	-.00757	-.00235	.00082	.00534	-.00110	.05054	.13917	.00007
#2	-.00414	.00060	.00146	.00655	-.00023	.05894	.14600	.00026
#3	-.00577	-.00124	.00334	.00860	.00286	.07906	.15083	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	19.278	.00007	.00476	.01221	.19712	1.1294	1.1358
Stddev	.00016	1.033	.00019	.00032	.00002	.00183	.0078	.0131
%RSD	55.328	5.3566	259.14	6.7771	.20363	.92582	.68946	1.1487

#1	.00018	18.086	.00015	.00478	.01221	.19513	1.1210	1.1311
#2	.00022	19.899	-.00014	.00508	.01224	.19754	1.1309	1.1506
#3	.00047	19.850	.00021	.00443	.01219	.19870	1.1364	1.1258

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00015	263.12	-.00104	.03684	1.1064	-.00036	.01072
Stddev	.00043	.00029	4.50	.00008	.00019	.0341	.00011	.00457
%RSD	174.76	193.82	1.7114	7.5866	.52127	3.0823	29.417	42.602

#1	.00051	.00018	258.14	-.00096	.03667	1.0875	-.00032	.00583
#2	-.00025	-.00034	264.31	-.00112	.03705	1.0860	-.00048	.01146
#3	.00049	-.00029	266.90	-.00106	.03681	1.1458	-.00028	.01488

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33944	.68570	.00055	.00261	.09426	.0019	.08840	3.7053
Stddev	.00154	.03055	.00064	.00135	.00969	.0006	.00477	.4665
%RSD	.45342	4.4559	116.25	51.861	10.278	31.37	5.3996	12.591

#1	.34055	.65089	.00118	.00108	.10173	.0025	.08290	3.6571
#2	.33768	.69813	-.00011	.00367	.08332	.0013	.09147	3.2647
#3	.34009	.70809	.00059	.00307	.09774	.0019	.09082	4.1940

Sample Name: K4668-15 Acquired: 9/24/2019 15:41:46 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-092319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8334
Stddev	.5031
%RSD	8.6252

#1	5.2959
#2	6.2931
#3	5.9113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.4	38433.	3026.6	162.52	2160.2
Stddev	4.3	125.	118.6	7.26	7.9
%RSD	.20074	.32481	3.9182	4.4677	.36711

#1	2160.0	38534.	3163.5	170.90	2160.9
#2	2151.4	38471.	2956.7	158.05	2151.9
#3	2154.8	38294.	2959.6	158.61	2167.7

Sample Name: K4997-11 Acquired: 9/24/2019 15:46:12 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-08-091919 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00182	.06770	.00482	.00326	.68086	.19689	-.00001
Stddev	.00286	.00160	.00068	.00085	.00293	.00955	.01288	.00004
%RSD	162.29	88.102	1.0067	17.583	89.792	1.4029	6.5443	498.25

#1	-.00103	.00366	.06848	.00391	.00010	.67530	.20626	.00003
#2	.00164	.00071	.06724	.00558	.00589	.69189	.18219	-.00005
#3	.00468	.00109	.06737	.00497	.00380	.67540	.20220	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	17.741	.00171	.00021	.00816	.34856	.03994	3.8415
Stddev	.00005	.233	.00023	.00011	.00001	.00956	.00098	.1365
%RSD	3.6750	1.3117	13.586	54.916	.10041	2.7431	2.4475	3.5535

#1	.00140	17.829	.00193	.00027	.00816	.33763	.03882	3.7004
#2	.00140	17.478	.00146	.00008	.00815	.35266	.04063	3.8510
#3	.00131	17.917	.00173	.00028	.00815	.35539	.04035	3.9729

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00028	276.72	.00066	.34726	.65342	-.00056	.01513
Stddev	.00056	.00040	7.40	.00015	.00056	.02212	.00019	.00419
%RSD	1220.6	144.46	2.6735	22.444	.16067	3.3854	32.968	27.692

#1	-.00059	.00011	268.57	.00076	.34754	.62788	-.00052	.01073
#2	-.00008	-.00068	278.56	.00049	.34662	.66566	-.00040	.01559
#3	.00053	-.00026	283.02	.00072	.34762	.66671	-.00076	.01908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24562	1.1985	-.00001	.02410	.08870	.2632	.06973	3.7095
Stddev	.00352	.0046	.00041	.00190	.01771	.0008	.00075	.4451
%RSD	1.4323	.38491	3275.9	7.8894	19.964	.3108	1.0796	11.998

#1	.24427	1.2014	-.00002	.02470	.10379	.2634	.07009	3.2114
#2	.24299	1.2010	-.00042	.02562	.09310	.2622	.06886	4.0681
#3	.24962	1.1932	.00040	.02197	.06921	.2638	.07023	3.8490

Sample Name: K4997-11 Acquired: 9/24/2019 15:46:12 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-08-091919 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.0964
Stddev .9435
%RSD 15.476

#1 5.4460
#2 7.1785
#3 5.6646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.0	38611.	2949.3	158.83	2163.2
Stddev	7.3	837.	27.0	2.63	14.5
%RSD	.33941	2.1672	.91514	1.6560	.67217

#1	2146.9	39570.	2929.6	157.31	2146.6
#2	2153.8	38234.	2980.1	161.87	2169.8
#3	2161.5	38028.	2938.3	157.31	2173.3

Sample Name: K4997-13 Acquired: 9/24/2019 15:50:36 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-09-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00225	.02151	.00323	-.00048	.55273	.19353	-.00010
Stddev	.00157	.00096	.00118	.00295	.00199	.01536	.01262	.00008
%RSD	919.23	42.734	5.4760	91.299	415.63	2.7784	6.5198	83.166

#1	.00008	.00122	.02028	.00551	.00080	.56069	.20231	-.00019
#2	-.00135	.00312	.02163	.00427	.00054	.53503	.17907	-.00003
#3	.00179	.00243	.02263	-.00010	-.00277	.56247	.19922	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	15.867	.00148	.00017	.00743	.29553	.04724	5.4566
Stddev	.00008	.848	.00069	.00007	.00027	.01057	.00136	.1911
%RSD	9.4480	5.3444	46.310	38.109	3.6406	3.5758	2.8894	3.5021

#1	.00082	16.702	.00083	.00018	.00766	.30376	.04807	5.5775
#2	.00099	15.006	.00142	.00023	.00749	.28361	.04566	5.2363
#3	.00088	15.892	.00220	.00010	.00713	.29922	.04798	5.5560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00058	267.95	.00021	.22715	.78838	-.00029	.01820
Stddev	.00026	.00035	8.92	.00021	.00072	.01514	.00012	.00727
%RSD	28.219	59.217	3.3277	95.861	.31850	1.9209	40.170	39.936

#1	-.00079	-.00047	274.14	.00019	.22780	.78600	-.00021	.01828
#2	-.00075	-.00097	257.73	.00002	.22637	.77457	-.00024	.02542
#3	-.00121	-.00031	271.99	.00043	.22728	.80458	-.00042	.01089

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28510	1.0619	-.00065	.01711	.10616	.1150	.04920	3.4217
Stddev	.00540	.0474	.00044	.00227	.02978	.0030	.00269	.3811
%RSD	1.8949	4.4689	68.646	13.294	28.051	2.597	5.4736	11.139

#1	.28894	1.1101	-.00015	.01808	.13160	.1116	.05187	3.7093
#2	.28744	1.0152	-.00101	.01451	.07341	.1169	.04649	2.9894
#3	.27892	1.0603	-.00077	.01875	.11348	.1166	.04923	3.5664

Sample Name: K4997-13 Acquired: 9/24/2019 15:50:36 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-09-091919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9295
 Stddev .6784
 %RSD 11.441

#1 6.6487
 #2 5.3011
 #3 5.8386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.7	38905.	2927.7	156.99	2151.5
Stddev	8.8	1196.	146.7	6.72	7.9
%RSD	.40815	3.0738	5.0090	4.2777	.36583

#1	2138.3	38030.	2779.2	150.65	2142.5
#2	2149.0	40268.	3072.5	164.03	2154.7
#3	2155.7	38418.	2931.4	156.31	2157.2

Sample Name: K4997-15 Acquired: 9/24/2019 15:55:01 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-10-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	.00029	.02042	.00151	.00279	1.7967	.14780	.00003
Stddev	.00204	.00184	.00108	.00340	.00084	.0654	.00999	.00005
%RSD	237.85	640.38	5.2949	225.69	30.149	3.6416	6.7568	166.19

#1	.00147	.00237	.01920	.00266	.00371	1.7380	.14567	.00000
#2	-.00171	-.00111	.02126	.00419	.00208	1.7849	.13905	.00009
#3	-.00233	-.00040	.02080	-.00232	.00257	1.8673	.15868	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	9.8484	.00228	.00070	.00759	.95952	.03428	3.1516
Stddev	.00008	.3365	.00038	.00021	.00043	.03613	.00125	.0859
%RSD	10.955	3.4171	16.466	30.309	5.6207	3.7653	3.6480	2.7259

#1	.00067	10.234	.00207	.00080	.00808	.94503	.03390	3.0707
#2	.00064	9.6146	.00206	.00046	.00743	.93288	.03326	3.1423
#3	.00079	9.6966	.00272	.00084	.00728	1.0006	.03567	3.2418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00019	263.74	.00144	.17967	.89874	-.00034	.00969
Stddev	.00032	.00039	8.40	.00020	.00051	.03596	.00029	.00474
%RSD	64.084	200.17	3.1832	13.894	.28609	4.0010	85.511	48.861

#1	-.00048	-.00063	259.40	.00153	.17986	.93122	-.00005	.01193
#2	-.00020	.00013	258.41	.00121	.17909	.86010	-.00064	.01290
#3	-.00085	-.00009	273.42	.00158	.18007	.90492	-.00035	.00425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16887	2.1913	-.00023	.05633	.10345	.1254	.04050	3.5818
Stddev	.00392	.1071	.00031	.00206	.01793	.0013	.00161	.7307
%RSD	2.3203	4.8859	135.91	3.6557	17.334	1.036	3.9848	20.401

#1	.17090	2.3125	.00007	.05865	.11558	.1245	.04234	3.1119
#2	.17135	2.1095	-.00021	.05561	.08285	.1250	.03933	3.2099
#3	.16435	2.1519	-.00055	.05472	.11192	.1269	.03984	4.4237

Sample Name: K4997-15 Acquired: 9/24/2019 15:55:01 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-10-091919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5324
 Stddev .6425
 %RSD 14.177

#1 5.2682
 #2 4.2470
 #3 4.0820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.1	37841.	2920.9	155.28	2166.3
Stddev	14.4	1189.	97.4	3.55	20.3
%RSD	.66761	3.1409	3.3352	2.2851	.93602

#1	2140.5	38433.	2809.6	151.18	2149.6
#2	2168.8	38616.	2990.3	157.45	2188.8
#3	2150.0	36472.	2962.9	157.20	2160.5

Sample Name: K4997-17 Acquired: 9/24/2019 15:59:23 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-11-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	.00125	.02568	.00269	.00178	1.4411	.16241	.00002
Stddev	.00155	.00171	.00049	.00400	.00077	.0095	.01328	.00006
%RSD	47.818	136.60	1.8953	148.99	43.094	.65568	8.1778	278.42

#1	-.00183	.00109	.02512	-.00193	.00090	1.4337	.15365	.00005
#2	-.00301	-.00037	.02592	.00524	.00227	1.4518	.17769	.00006
#3	-.00491	.00304	.02600	.00475	.00217	1.4379	.15589	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	13.649	.00233	.00008	.00885	.77225	.03576	4.7794
Stddev	.00007	.446	.00031	.00027	.00069	.00317	.00010	.0152
%RSD	8.8025	3.2688	13.276	325.04	7.7918	.41025	.27722	.31887

#1	.00077	14.152	.00267	-.00011	.00809	.77086	.03580	4.7632
#2	.00076	13.302	.00223	-.00003	.00903	.77588	.03564	4.7934
#3	.00088	13.492	.00208	.00039	.00944	.77002	.03583	4.7818

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00021	301.87	.00181	.20715	.93468	-.00053	.00996
Stddev	.00050	.00041	4.89	.00073	.00039	.03740	.00033	.00352
%RSD	77.841	193.42	1.6202	40.447	.19046	4.0009	62.648	35.387

#1	-.00121	.00025	297.55	.00096	.20693	.89198	-.00082	.00827
#2	-.00043	-.00055	300.89	.00227	.20692	.96156	-.00060	.01400
#3	-.00028	-.00034	307.18	.00219	.20761	.95050	-.00017	.00759

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20053	1.8523	.00006	.04770	.12308	.1436	.04519	3.8513
Stddev	.00266	.0597	.00045	.00098	.01157	.0014	.00158	.2888
%RSD	1.3268	3.2219	760.33	2.0567	9.3968	.9760	3.5034	7.4996

#1	.20315	1.9131	.00057	.04868	.11824	.1448	.04699	3.5579
#2	.20061	1.7938	-.00027	.04671	.11473	.1421	.04402	4.1353
#3	.19783	1.8498	-.00012	.04771	.13628	.1440	.04455	3.8606

Sample Name: K4997-17 Acquired: 9/24/2019 15:59:23 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-11-091919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.5171
 Stddev .3684
 %RSD 6.6773

#1 5.8125
 #2 5.6344
 #3 5.1043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.5	38081.	2910.7	156.33	2132.6
Stddev	7.7	123.	95.5	5.08	6.4
%RSD	.36172	.32191	3.2819	3.2523	.30207

#1	2125.7	38093.	2801.9	150.46	2125.3
#2	2137.5	37953.	2980.7	159.31	2137.6
#3	2140.3	38197.	2949.4	159.22	2134.9

Sample Name: K4997-19 Acquired: 9/24/2019 16:03:53 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00363	-.00182	.02134	.00332	.00117	.75897	.15067	-.00003
Stddev	.00174	.00367	.00173	.00117	.00381	.02489	.00812	.00010
%RSD	48.101	201.51	8.1305	35.395	326.69	3.2797	5.3901	356.00

#1	-.00530	-.00556	.02127	.00306	-.00324	.73106	.14827	.00006
#2	-.00375	-.00166	.01964	.00460	.00333	.76697	.15972	-.00014
#3	-.00182	.00177	.02311	.00229	.00341	.77887	.14402	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	7.0268	.00123	.00026	.00715	.39616	.02200	2.3594
Stddev	.00020	.4938	.00036	.00004	.00013	.00506	.00028	.0649
%RSD	39.776	7.0280	29.598	16.441	1.8122	1.2762	1.2816	2.7504

#1	.00027	6.4684	.00164	.00024	.00710	.39271	.02195	2.2856
#2	.00058	7.2062	.00113	.00022	.00706	.39381	.02174	2.3851
#3	.00063	7.4059	.00093	.00030	.00730	.40197	.02230	2.4076

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00014	266.62	.00049	.13273	.74688	-.00029	.02339
Stddev	.00078	.00059	4.10	.00033	.00031	.08246	.00017	.00112
%RSD	84.753	417.76	1.5388	65.991	.23110	11.041	56.509	4.8020

#1	-.00002	.00025	262.40	.00013	.13238	.69773	-.00025	.02215
#2	-.00143	.00014	266.87	.00059	.13282	.70084	-.00048	.02368
#3	-.00132	-.00081	270.59	.00076	.13297	.84209	-.00016	.02435

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25013	.96596	-.00008	.02495	.10047	.0670	.02783	3.4045
Stddev	.00529	.05881	.00064	.00249	.02935	.0021	.00209	.3268
%RSD	2.1153	6.0884	769.84	9.9748	29.210	3.070	7.5085	9.6001

#1	.24506	.90008	-.00031	.02253	.06662	.0681	.02544	3.2800
#2	.24971	.98463	.00064	.02750	.11605	.0646	.02872	3.7753
#3	.25562	1.0132	-.00057	.02481	.11875	.0683	.02933	3.1582

Sample Name: K4997-19 Acquired: 9/24/2019 16:03:53 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4969
 Stddev .4305
 %RSD 7.8321

#1 5.6548
 #2 5.8262
 #3 5.0097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.7	38112.	3024.6	163.03	2156.7
Stddev	6.0	207.	162.1	7.93	.9
%RSD	.27870	.54221	5.3580	4.8655	.04058

#1	2140.7	38122.	3208.3	172.19	2157.4
#2	2144.0	38313.	2963.7	158.56	2157.0
#3	2152.3	37900.	2901.8	158.34	2155.7

Sample Name: K5010-01 Acquired: 9/24/2019 16:08:16 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BSP-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	-.00500	.00057	.01085	.00264	.00304	.08994	.13465	.00006
Stddev	.00150	.00049	.00157	.00110	.00120	.01002	.01168	.00008
%RSD	29.948	85.642	14.488	41.609	39.391	11.143	8.6780	135.29

#1	-.00338	.00114	.00905	.00237	.00227	.08195	.14692	.00002
#2	-.00633	.00026	.01194	.00171	.00443	.08668	.12365	.00000
#3	-.00530	.00032	.01156	.00385	.00244	.10118	.13338	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	4.1787	.00031	.00183	1.2703	.05501	.04961	.72043
Stddev	.00007	.1313	.00046	.00030	.0056	.00054	.00042	.02471
%RSD	8.6486	3.1414	148.49	16.382	.44357	.97548	.84267	3.4294

#1	.00089	4.3168	.00082	.00162	1.2701	.05463	.04922	.70438
#2	.00075	4.0556	-.00006	.00169	1.2648	.05477	.04957	.70802
#3	.00087	4.1636	.00016	.00217	1.2761	.05562	.05005	.74888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	.00001	244.86	-.00068	1.6430	.48313	-.00110	.00377
Stddev	.00048	.00057	2.35	.00055	.0098	.05139	.00024	.00942
%RSD	13.429	9912.3	.95906	81.678	.59691	10.637	21.781	250.00

#1	.00317	.00049	243.39	-.00021	1.6444	.44639	-.00135	.01449
#2	.00412	-.00063	243.62	-.00053	1.6326	.46115	-.00109	-.00317
#3	.00350	.00016	247.57	-.00129	1.6520	.54186	-.00087	-.00002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19111	.34727	-.00053	.00591	.10888	-.0040	.02410	3.1920
Stddev	.00505	.01574	.00126	.00357	.03643	.0006	.00047	.1931
%RSD	2.6441	4.5328	236.72	60.341	33.462	14.79	1.9687	6.0506

#1	.18980	.36411	-.00138	.00813	.15091	-.0046	.02458	3.1584
#2	.19669	.33294	-.00114	.00180	.08956	-.0034	.02363	3.3997
#3	.18685	.34475	.00092	.00781	.08617	-.0039	.02408	3.0178

Sample Name: K5010-01 Acquired: 9/24/2019 16:08:16 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BSP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8003
 Stddev .7250
 %RSD 12.499

#1 5.6583
 #2 6.5858
 #3 5.1569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.2	38706.	2962.0	160.93	2180.1
Stddev	10.7	159.	94.8	3.94	12.5
%RSD	.49439	.41133	3.1997	2.4504	.57185

#1	2158.0	38687.	2854.6	157.10	2177.8
#2	2167.5	38874.	3034.0	164.98	2193.6
#3	2146.2	38557.	2997.4	160.71	2169.0

Sample Name: PB123349TB Acquired: 9/24/2019 16:12:38 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15515 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00603	.00108	F -.00858	.00192	.00300	-.00553	-.00054
Stddev	.00219	.00181	.00075	.00063	.00351	.01090	.01314
%RSD	36.334	167.30	8.7419	32.841	117.16	197.24	2414.3

#1	-.00681	.00280	-.00942	.00235	.00256	.00040	.00494
#2	-.00772	.00127	-.00831	.00220	-.00027	.00112	.00896
#3	-.00356	-.00082	-.00799	.00120	.00671	-.01811	-.01554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00018	.01792	.00072	-.00043	.00176	.00236
Stddev	.00008	.00009	.00484	.00032	.00024	.00047	.00015
%RSD	198.88	49.512	27.031	43.906	55.669	26.944	6.4792

#1	-.00013	.00027	.02074	.00096	-.00024	.00227	.00234
#2	.00003	.00010	.01233	.00085	-.00070	.00166	.00223
#3	-.00003	.00016	.02069	.00036	-.00035	.00134	.00253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01401	.00064	.00131	F 295.60	-.00009	.00283
Stddev	.00008	.03310	.00023	.00041	3.86	.00056	.00009
%RSD	115.21	236.23	36.121	31.475	1.3044	633.56	3.3434

#1	-.00017	-.01019	.00083	.00151	291.15	-.00055	.00294
#2	-.00001	.05172	.00071	.00159	297.63	.00053	.00276
#3	-.00004	.00050	.00038	.00084	298.02	-.00024	.00279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04326	-.00054	-.00688	-.00229	.00500	-.00021	.00385
Stddev	.02666	.00031	.00578	.00258	.00282	.00037	.00223
%RSD	61.642	58.383	84.067	112.75	56.415	177.54	57.996

#1	.02233	-.00034	-.00508	-.00502	.00375	.00018	.00615
#2	.03416	-.00090	-.00221	.00012	.00302	-.00026	.00371
#3	.07328	-.00037	-.01335	-.00198	.00823	-.00055	.00169

Sample Name: PB123349TB Acquired: 9/24/2019 16:12:38 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15515 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .11686	-.0037	-.00028	3.3921	5.6026
Stddev	.01350	.0024	.00023	.4497	.6594
%RSD	11.553	65.09	84.347	13.257	11.769
#1	.12692	-.0009	-.00054	3.0992	5.3373
#2	.10151	-.0050	-.00019	3.1672	5.1172
#3	.12213	-.0052	-.00010	3.9099	6.3533
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.3	38421.	2965.4	158.28	2175.1
Stddev	10.9	74.	17.4	2.84	12.1
%RSD	.50534	.19356	.58621	1.7932	.55505
#1	2144.7	38495.	2985.3	161.21	2161.3
#2	2164.5	38423.	2957.7	158.10	2180.4
#3	2162.6	38346.	2953.2	155.54	2183.7

Sample Name: CCV05 Acquired: 9/24/2019 16:17:15 Type: Unk
Method: P4-ICP2(v3400) 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	5.1089	5.1723	5.0480	5.2205	5.1699	9.8105	9.9069	.24979
Stddev	.0351	.0331	.0225	.0251	.0279	.0171	.0349	.00029
%RSD	.68757	.63940	.44586	.48034	.54056	.17423	.35259	.11619
#1	5.1281	5.1819	5.0561	5.2296	5.1818	9.7911	9.9173	.24946
#2	5.1301	5.1994	5.0654	5.2397	5.1899	9.8168	9.8679	.24999
#3	5.0683	5.1354	5.0226	5.1921	5.1380	9.8235	9.9354	.24994
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5195	25.017	.97244	2.5094	1.2973	5.1262	2.4963	24.761
Stddev	.0115	.089	.00117	.0120	.0062	.0161	.0030	.071
%RSD	.45640	.35628	.11994	.47957	.47716	.31323	.12156	.28613
#1	2.5244	24.915	.97111	2.5147	1.3025	5.1270	2.4997	24.743
#2	2.5277	25.052	.97332	2.5179	1.2989	5.1419	2.4938	24.700
#3	2.5063	25.083	.97288	2.4957	1.2904	5.1098	2.4954	24.839
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5027	1.2212	24.259	2.4762	2.4983	25.131	5.1268	4.9701
Stddev	.0126	.0025	.113	.0012	.0147	.091	.0188	.0249
%RSD	.50477	.20158	.46416	.04655	.59025	.36044	.36603	.50096
#1	2.5088	1.2210	24.204	2.4765	2.5039	25.224	5.1404	4.9981
#2	2.5112	1.2238	24.185	2.4749	2.5095	25.043	5.1347	4.9504
#3	2.4882	1.2189	24.389	2.4771	2.4816	25.127	5.1054	4.9619
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0963	5.0606	5.0317	5.0743	5.1784	5.310	4.9052	F 2.8987
Stddev	.0314	.0181	.0279	.0395	.0282	.047	.0304	.1359
%RSD	.61521	.35797	.55532	.77904	.54353	.8831	.61959	4.6896
#1	5.1042	5.0489	5.0350	5.0292	5.1470	5.333	4.9013	2.9460
#2	5.1230	5.0815	5.0579	5.0907	5.2014	5.342	4.9374	2.7454
#3	5.0618	5.0515	5.0023	5.1030	5.1867	5.256	4.8770	3.0046

Sample Name: CCV05 Acquired: 9/24/2019 16:17:15 Type: Unk
 Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0235
Stddev	1.2358
%RSD	61.072

#1	1.5439
#2	1.0994
#3	3.4272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.3	40572.	3032.5	161.48	2239.2
Stddev	5.6	185.	4.5	.90	7.7
%RSD	.24661	.45567	.14861	.55885	.34400

#1	2250.9	40398.	3029.2	161.46	2237.9
#2	2249.4	40766.	3030.6	160.59	2232.3
#3	2259.6	40551.	3037.6	162.39	2247.5

Sample Name: CCB05 Acquired: 9/24/2019 16:26:12 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15515 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	.00303	F -.00678	.00095	.00230	-.01221	-.00615
Stddev	.00158	.00206	.00046	.00144	.00182	.00677	.00591
%RSD	57.148	67.908	6.8439	151.76	78.994	55.434	95.972

#1	-.00356	.00107	-.00656	.00051	.00156	-.00539	.00066
#2	-.00094	.00286	-.00647	-.00022	.00097	-.01233	-.00971
#3	-.00379	.00517	-.00732	.00256	.00437	-.01892	-.00941

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00035	.01175	.00014	-.00002	.00051	.00081
Stddev	.00004	.00004	.00950	.00059	.00014	.00009	.00043
%RSD	31.628	11.793	80.829	435.51	871.98	16.710	53.911

#1	.00016	.00036	.01122	.00042	-.00001	.00048	.00064
#2	.00017	.00039	.00253	.00053	.00012	.00044	.00048
#3	.00009	.00031	.02150	-.00055	-.00016	.00061	.00130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00830	.00018	.00002	-.04481	-.00077	-.00053
Stddev	.00001	.01966	.00006	.00077	.01578	.00027	.00002
%RSD	4.9733	236.82	33.696	3742.6	35.202	34.828	3.4173

#1	-.00024	.00924	.00012	.00032	-.05732	-.00059	-.00052
#2	-.00026	-.00460	.00018	.00059	-.05004	-.00108	-.00051
#3	-.00024	-.02955	.00024	-.00085	-.02709	-.00064	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09893	-.00022	-.00493	-.00294	.00254	-.00015	.00310
Stddev	.01403	.00023	.00971	.00161	.00067	.00044	.00048
%RSD	14.183	101.48	196.88	54.745	26.606	298.57	15.640

#1	-.11168	-.00005	-.01559	-.00150	.00203	-.00065	.00305
#2	-.10122	-.00048	-.00263	-.00264	.00330	.00012	.00263
#3	-.08390	-.00013	.00342	-.00468	.00227	.00009	.00360

Sample Name: CCB05 Acquired: 9/24/2019 16:26:12 Type: Unk
Method: P4-ICP2(v3400) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15515 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .08552	-.0024	-.00061	F 2.0534	F .86360
Stddev	.01276	.0008	.00012	.2096	.97596
%RSD	14.925	34.05	19.212	10.205	113.01
#1	.09079	-.0027	-.00061	1.8743	-.24844
#2	.09479	-.0030	-.00073	2.2839	1.2614
#3	.07096	-.0015	-.00050	2.0021	1.5778
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2299.2	41777.	3021.3	168.01	2476.0
Stddev	3.2	688.	17.6	1.07	2.2
%RSD	.14023	1.6459	.58130	.63733	.08871
#1	2301.1	42570.	3010.1	167.44	2475.0
#2	2295.5	41345.	3012.3	167.36	2474.5
#3	2301.0	41417.	3041.5	169.25	2478.5