

Sample Name: S0 Acquired: 4/29/2019 11:11:09 Type: Cal
Method: P4-ICP2(v3075) 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	-.00004	-.00033	.00275	-.00009	.00040	.00073	-.00111	.00016
Stddev	.00015	.00017	.00011	.00017	.00021	.00003	.00009	.00005
%RSD	379.81	51.143	3.9540	188.44	53.180	3.8161	8.2597	28.855

#1	-.00017	-.00019	.00276	.00010	.00055	.00071	-.00114	.00019
#2	-.00007	-.00028	.00285	-.00015	.00016	.00073	-.00101	.00018
#3	.00012	-.00052	.00264	-.00022	.00047	.00076	-.00119	.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	.00034	.00066	-.00005	-.00033	.00638	.00076	.00025	.00005
Stddev	.00016	.00035	.00007	.00006	.00005	.00004	.00003	.00001
%RSD	47.684	53.198	126.78	19.457	.76887	4.8767	12.796	10.816

#1	.00048	.00051	-.00012	-.00036	.00633	.00072	.00028	.00005
#2	.00037	.00041	-.00005	-.00026	.00643	.00076	.00022	.00005
#3	.00016	.00107	.00001	-.00038	.00637	.00080	.00027	.00006

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	-.00673	.00018	.00255	-.00007	.00902	.00157	.00019	-.00000
Stddev	.00014	.00009	.00041	.00003	.00061	.00002	.00012	.00002
%RSD	2.0073	51.807	16.200	39.050	6.7982	1.1325	61.474	1490.5

#1	-.00688	.00020	.00207	-.00004	.00972	.00157	.00006	-.00002
#2	-.00663	.00025	.00280	-.00008	.00869	.00159	.00024	.00002
#3	-.00668	.00008	.00277	-.00010	.00864	.00155	.00028	-.00001

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	.00149	.01464	.00060	.00209	.02648	-.0030	-.00314	3836.6
Stddev	.00002	.00060	.00004	.00011	.00274	.0000	.00103	8.1
%RSD	1.2893	4.1149	6.4839	5.4816	10.343	1.253	32.907	.21144

#1	.00151	.01531	.00064	.00212	.02749	-.0030	-.00237	3844.3
#2	.00149	.01446	.00056	.00219	.02338	-.0030	-.00274	3828.1
#3	.00147	.01414	.00061	.00197	.02856	-.0030	-.00432	3837.4

Sample Name: S0 Acquired: 4/29/2019 11:11:09 Type: Cal
 Method: P4-ICP2(v3075) Mode: IR Corr. Factor: 1.000000
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Elem	U_3859
Units	Cts/S
Avg	-315.43
Stddev	11.05
%RSD	3.5036

#1	-312.92
#2	-327.52
#3	-305.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4670.8	58893.	4921.6	66.322	5271.2
Stddev	.4	284.	277.2	3.960	3.6
%RSD	.00767	.48272	5.6315	5.9710	.06777

#1	4671.1	58566.	4601.7	61.750	5270.7
#2	4670.9	59085.	5073.7	68.550	5274.9
#3	4670.4	59028.	5089.5	68.667	5267.8

Sample Name: S1 Acquired: 4/29/2019 11:15:35 Type: Cal
Method: P4-ICP2(v3075) 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	.00094	.00480	.00576	.00130	.00675	.00142	.03222	.00519
Stddev	.00002	.00012	.00026	.00004	.00017	.00010	.00008	.00006
%RSD	1.9141	2.5903	4.4938	3.4403	2.5601	7.2216	.24632	1.1315

#1	.00093	.00467	.00547	.00125	.00655	.00140	.03231	.00513
#2	.00093	.00484	.00581	.00134	.00684	.00153	.03215	.00524
#3	.00096	.00491	.00598	.00130	.00687	.00133	.03221	.00520

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	.02136	.00190	.02854	.01929	.00953	.02288	.01517	.00241
Stddev	.00021	.00005	.00021	.00010	.00007	.00008	.00003	.00016
%RSD	.98549	2.5424	.72302	.53309	.77753	.36507	.20115	6.8315

#1	.02148	.00186	.02872	.01917	.00961	.02297	.01515	.00256
#2	.02112	.00189	.02832	.01936	.00947	.02282	.01515	.00223
#3	.02148	.00196	.02859	.01934	.00950	.02284	.01520	.00242

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	.00635	.10010	.12157	.00019	.00171	.19150	.00655	.01252
Stddev	.00007	.00034	.00037	.00001	.00009	.00122	.00019	.00031
%RSD	1.1623	.33615	.30622	6.1789	5.3813	.63450	2.8401	2.4796

#1	.00643	.10039	.12146	.00018	.00177	.19245	.00666	.01278
#2	.00628	.09973	.12127	.00020	.00176	.19013	.00665	.01259
#3	.00633	.10017	.12199	.00019	.00161	.19192	.00633	.01218

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05462	-.0020	.19732	3728.1	-307.62
Stddev	.00091	.0001	.00098	37.4	7.96
%RSD	1.6599	4.162	.49902	1.0029	2.5887

#1	.05461	-.0019	.19656	3729.6	-315.34
#2	.05553	-.0020	.19698	3690.0	-308.10
#3	.05372	-.0021	.19843	3764.8	-299.43

Sample Name: S1 Acquired: 4/29/2019 11:15:35 Type: Cal
Method: P4-ICP2(v3075) 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	4647.7	58761.	5147.1	69.053	5184.1
Stddev	3.6	162.	24.8	2.288	5.0
%RSD	.07755	.27563	.48240	3.3127	.09705
#1	4643.7	58596.	5122.3	69.050	5189.9
#2	4648.5	58768.	5147.1	66.767	5180.5
#3	4650.8	58920.	5171.9	71.342	5182.0

Sample Name: S2 Acquired: 4/29/2019 11:20:03 Type: Cal
Method: P4-ICP2(v3075) 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	.09379	.00162	.04712	.01194
Stddev	.00062	.00003	.00052	.00023
%RSD	.65615	1.7343	1.1132	1.9678

#1	.09353	.00165	.04656	.01173
#2	.09335	.00160	.04759	.01190
#3	.09449	.00160	.04722	.01219

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	58579.	5143.8
Stddev	196.	24.8
%RSD	.33380	.48123

#1	58779.	5115.2
#2	58388.	5159.5
#3	58570.	5156.5

Sample Name: S3 Acquired: 4/29/2019 11:24:16 Type: Cal
Method: P4-ICP2(v3075) 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	.11122	.32899	.65846	.15580	.31484	.03391	1.6315	.10250
Stddev	.00046	.00121	.00113	.00040	.00041	.00033	.0022	.00027
%RSD	.41184	.36899	.17184	.25526	.12879	.98586	.13408	.26206
#1	.11165	.32913	.65883	.15565	.31462	.03375	1.6290	.10220
#2	.11127	.33013	.65719	.15551	.31459	.03368	1.6326	.10256
#3	.11073	.32771	.65936	.15626	.31530	.03429	1.6330	.10273
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	4.4623	.54788	.09614	1.2561	.39385	.21355	1.3274	.00940
Stddev	.0075	.00145	.00031	.0028	.00082	.00010	.0012	.00007
%RSD	.16686	.26420	.32515	.22511	.20838	.04799	.09174	.78085
#1	4.4576	.54626	.09596	1.2537	.39309	.21361	1.3260	.00944
#2	4.4585	.54833	.09650	1.2554	.39375	.21361	1.3284	.00932
#3	4.4709	.54904	.09596	1.2592	.39472	.21343	1.3276	.00945
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	.68595	.13387	.27101	.20404	2.8798	.06515	1.4941	.00406
Stddev	.00069	.00049	.00039	.00015	.0025	.00041	.0026	.00003
%RSD	.10012	.36260	.14414	.07147	.08557	.62619	.17334	.83167
#1	.68620	.13404	.27064	.20389	2.8770	.06492	1.4913	.00403
#2	.68517	.13333	.27099	.20405	2.8818	.06491	1.4943	.00406
#3	.68648	.13426	.27142	.20418	2.8805	.06562	1.4965	.00410
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	.08454	.99191	.39720	.68530	3.2491	.1450	24.689	3546.4
Stddev	.00026	.00461	.00068	.00187	.0086	.0007	.103	32.1
%RSD	.31172	.46462	.17070	.27301	.26454	.5128	.41566	.90432
#1	.08469	.99495	.39791	.68325	3.2491	.1459	24.653	3576.6
#2	.08470	.99417	.39656	.68571	3.2577	.1446	24.805	3550.0
#3	.08424	.98660	.39711	.68693	3.2405	.1445	24.609	3512.7

Sample Name: S3 Acquired: 4/29/2019 11:24:16 Type: Cal
 Method: P4-ICP2(v3075) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-314.63
Stddev	7.51
%RSD	2.3884

#1	-306.92
#2	-321.93
#3	-315.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4557.8	57693.	5150.2	69.011	4811.3
Stddev	12.0	195.	24.7	2.087	9.2
%RSD	.26389	.33770	.48037	3.0249	.19224

#1	4566.1	57468.	5129.0	66.603	4814.4
#2	4563.3	57818.	5144.4	70.313	4818.6
#3	4544.0	57793.	5177.4	70.117	4800.9

Sample Name: S4 Acquired: 4/29/2019 11:28:15 Type: Cal
Method: P4-ICP2(v3075) 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	.21533	.63841	1.2749	.30245	.60803	.06503	3.1764	.19632
Stddev	.00022	.00232	.0008	.00035	.00047	.00017	.0053	.00049
%RSD	.10270	.36342	.06706	.11444	.07738	.26849	.16748	.25091

#1	.21524	.64106	1.2746	.30206	.60757	.06497	3.1746	.19632
#2	.21516	.63744	1.2743	.30273	.60803	.06490	3.1824	.19682
#3	.21558	.63673	1.2759	.30256	.60851	.06523	3.1723	.19583

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.7516	1.0470	.18435	2.4617	.74378	.40580	2.5442	.01807
Stddev	.0044	.0030	.00021	.0011	.00055	.00054	.0027	.00014
%RSD	.05020	.28403	.11601	.04449	.07334	.13419	.10686	.74816

#1	8.7507	1.0501	.18457	2.4611	.74315	.40610	2.5416	.01815
#2	8.7478	1.0467	.18434	2.4630	.74411	.40613	2.5439	.01791
#3	8.7564	1.0441	.18415	2.4610	.74408	.40517	2.5470	.01813

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	1.3475	.25662	.52176	.39514	5.6872	.12442	2.8896	.00809
Stddev	.0014	.00019	.00080	.00034	.0075	.00036	.0023	.00006
%RSD	.10203	.07226	.15421	.08669	.13245	.29107	.07980	.73648

#1	1.3486	.25661	.52134	.39480	5.6943	.12419	2.8875	.00808
#2	1.3460	.25681	.52269	.39549	5.6793	.12425	2.8921	.00803
#3	1.3481	.25644	.52125	.39513	5.6882	.12484	2.8893	.00815

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	.17030	1.9143	.78336	1.3336	6.1617	.2941	47.449	3365.3
Stddev	.00080	.0041	.00108	.0002	.0237	.0006	.135	12.6
%RSD	.46705	.21477	.13778	.01607	.38445	.1872	.28536	.37514

#1	.17118	1.9096	.78411	1.3339	6.1550	.2946	47.455	3365.3
#2	.16964	1.9159	.78212	1.3336	6.1881	.2935	47.581	3378.0
#3	.17009	1.9173	.78384	1.3334	6.1421	.2943	47.310	3352.8

Sample Name: S4 Acquired: 4/29/2019 11:28:15 Type: Cal
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Comment:

Elem	U_3859
Units	Cts/S
Avg	-317.03
Stddev	7.00
%RSD	2.2093

#1	-309.04
#2	-319.92
#3	-322.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4470.2	56785.	5118.7	67.146	4584.5
Stddev	5.9	111.	16.0	.642	2.4
%RSD	.13296	.19550	.31180	.95614	.05336

#1	4476.2	56673.	5100.3	66.467	4586.8
#2	4464.3	56895.	5127.9	67.229	4584.8
#3	4470.0	56788.	5128.0	67.743	4581.9

Sample Name: S5 Acquired: 4/29/2019 11:32:13 Type: Cal
Method: P4-ICP2(v3075) 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	.43452	1.2716	2.5784	.60322	1.2215	.13018	6.4337	.38856
Stddev	.00076	.0017	.0019	.00142	.0021	.00117	.0281	.00100
%RSD	.17600	.13704	.07425	.23506	.17356	.89755	.43721	.25727
#1	.43445	1.2729	2.5785	.60311	1.2218	.12894	6.4033	.38743
#2	.43531	1.2696	2.5803	.60469	1.2235	.13034	6.4391	.38932
#3	.43379	1.2722	2.5765	.60186	1.2193	.13126	6.4588	.38893
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.822	2.0677	.36377	5.0291	1.4590	.79946	4.9573	.03652
Stddev	.015	.0143	.00087	.0040	.0033	.00146	.0500	.00042
%RSD	.08263	.69235	.23841	.07959	.22905	.18253	1.0076	1.1516
#1	17.808	2.0842	.36289	5.0325	1.4601	.79795	4.8998	.03608
#2	17.837	2.0587	.36379	5.0247	1.4617	.79956	4.9831	.03691
#3	17.821	2.0601	.36462	5.0300	1.4553	.80086	4.9891	.03658
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7454	.50929	1.0614	.78951	11.606	.25287	5.7585	.01644
Stddev	.0026	.00117	.0110	.00083	.009	.00267	.0135	.00016
%RSD	.09336	.22978	1.0321	.10548	.07882	1.0554	.23361	.98658
#1	2.7465	.50835	1.0490	.78865	11.616	.24979	5.7612	.01626
#2	2.7424	.50892	1.0657	.78958	11.599	.25431	5.7704	.01649
#3	2.7471	.51060	1.0696	.79031	11.602	.25450	5.7439	.01658
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	.35557	3.7385	1.5952	2.6407	12.310	.6142	92.836	3237.7
Stddev	.00079	.0566	.0011	.0168	.103	.0003	.481	45.6
%RSD	.22204	1.5133	.07073	.63641	.83377	.0412	.51857	1.4095
#1	.35641	3.8038	1.5961	2.6586	12.428	.6145	93.148	3266.9
#2	.35547	3.7038	1.5956	2.6382	12.238	.6142	92.281	3185.1
#3	.35484	3.7080	1.5940	2.6253	12.265	.6140	93.078	3261.0

Sample Name: S5 Acquired: 4/29/2019 11:32:13 Type: Cal
Method: P4-ICP2(v3075) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-321.47
Stddev	10.41
%RSD	3.2375

#1	-318.92
#2	-312.57
#3	-332.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4348.5	55707.	5124.7	65.551	4311.1
Stddev	12.4	303.	53.0	1.778	4.6
%RSD	.28430	.54386	1.0339	2.7126	.10743

#1	4343.2	56034.	5063.7	67.347	4306.8
#2	4339.6	55650.	5150.7	63.792	4310.6
#3	4362.6	55436.	5159.6	65.515	4316.0

Sample Name: ICV01 Acquired: 4/29/2019 11:36:37 Type: Unk
Method: P4-ICP2(v3075) 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	1.0464	1.0784	1.0324	1.0586	1.0215	2.5827	.51180
Stddev	.0022	.0079	.0059	.0075	.0049	.0124	.00333
%RSD	.20693	.72927	.57195	.71196	.47549	.48210	.65015

#1	1.0448	1.0842	1.0352	1.0658	1.0164	2.5686	.50823
#2	1.0489	1.0815	1.0364	1.0591	1.0260	2.5872	.51235
#3	1.0457	1.0694	1.0256	1.0508	1.0221	2.5923	.51482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50904	.50375	10.530	.51859	.50617	.53859	5.2737
Stddev	.00165	.00033	.032	.00029	.00179	.00192	.0029
%RSD	.32434	.06461	.30832	.05612	.35302	.35614	.05467

#1	.51087	.50338	10.543	.51876	.50641	.53686	5.2768
#2	.50859	.50397	10.553	.51825	.50782	.54065	5.2733
#3	.50766	.50391	10.493	.51875	.50427	.53826	5.2711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52529	6.2150	.51125	.52727	10.226	.50674	.99678
Stddev	.00085	.0542	.00323	.00076	.033	.00169	.00171
%RSD	.16136	.87204	.63195	.14499	.32458	.33296	.17115

#1	.52611	6.1615	.51265	.52642	10.190	.50656	.99643
#2	.52442	6.2698	.51355	.52749	10.235	.50515	.99863
#3	.52534	6.2137	.50756	.52790	10.254	.50851	.99527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.237	2.5362	2.4861	F -.01202	2.5067	2.4411	2.5445
Stddev	.084	.0026	.0069	.00412	.0134	.0123	.0113
%RSD	.81991	.10250	.27876	34.300	.53301	.50542	.44300

#1	10.140	2.5339	2.4834	-.01032	2.5105	2.4427	2.5385
#2	10.288	2.5357	2.4940	-.01672	2.5178	2.4526	2.5575
#3	10.282	2.5390	2.4810	-.00902	2.4919	2.4281	2.5376

Sample Name: ICV01 Acquired: 4/29/2019 11:36:37 Type: Unk
 Method: P4-ICP2(v3075) 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 -.00113	F -.0012	F .00643	F 1.5898	F 124.63
Stddev	.00067	.0009	.00015	.3434	198.55
%RSD	59.585	70.81	2.4083	21.600	159.32
#1	-.00037	-.0010	.00628	1.9823	346.50
#2	-.00165	-.0022	.00642	1.4423	-36.322
#3	-.00136	-.0005	.00659	1.3448	63.700
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4665.4	59387.	5283.8	70.369	5017.0
Stddev	5.7	300.	44.4	.466	7.5
%RSD	.12127	.50582	.84035	.66175	.14863
#1	4671.6	59290.	5256.4	70.216	5022.8
#2	4663.9	59147.	5260.0	70.892	5008.6
#3	4660.6	59724.	5335.0	69.999	5019.7

Sample Name: LLICV01 Acquired: 4/29/2019 11:40:41 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01962	.04101	.01289	.02253	.05327	.08937	.10295
Stddev	.00139	.00041	.00046	.00248	.00049	.00697	.00117
%RSD	7.0662	1.0035	3.5328	11.002	.91677	7.7949	1.1397

#1	.01975	.04143	.01342	.02530	.05286	.08246	.10167
#2	.01817	.04098	.01265	.02175	.05315	.09640	.10319
#3	.02093	.04061	.01261	.02053	.05381	.08924	.10398

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	.00580	2.1002	.01026	.02870	.02196	.10876
Stddev	.00006	.00003	.0372	.00006	.00036	.00022	.00091
%RSD	.95406	.57493	1.7735	.61314	1.2482	1.0109	.83845

#1	.00625	.00583	2.0614	.01020	.02911	.02216	.10957
#2	.00633	.00581	2.1356	.01025	.02859	.02172	.10893
#3	.00621	.00577	2.1037	.01032	.02842	.02199	.10777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02245	2.0083	.03955	.01074	2.0133	.04065	.04345
Stddev	.00011	.0204	.00008	.00066	.0300	.00016	.00041
%RSD	.49257	1.0148	.21199	6.1484	1.4894	.38229	.94682

#1	.02239	2.0157	.03958	.01145	1.9791	.04080	.04391
#2	.02258	2.0239	.03962	.01014	2.0352	.04067	.04334
#3	.02238	1.9852	.03946	.01064	2.0257	.04049	.04312

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9724	.20914	.10292	F -.00267	.45026	.03735	.03805
Stddev	.0212	.00071	.00938	.00191	.00173	.00036	.00108
%RSD	1.0762	.33938	9.1096	71.295	.38361	.95336	2.8401

#1	1.9484	.20996	.09221	-.00047	.45222	.03775	.03747
#2	1.9797	.20875	.10688	-.00378	.44958	.03724	.03738
#3	1.9889	.20870	.10967	-.00376	.44897	.03706	.03929

Sample Name: LLICV01 Acquired: 4/29/2019 11:40:41 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02151	F .0153	.02086	F .26412	F 38.383
Stddev	.00108	.0004	.00040	.14521	70.656
%RSD	5.0139	2.728	1.9142	54.978	184.08

#1	.02064	.0148	.02040	.33298	117.37
#2	.02272	.0154	.02106	.36210	-18.806
#3	.02117	.0156	.02112	.09729	16.586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4676.5	60295.	5343.0	72.619	5228.3
Stddev	3.2	107.	38.6	1.619	6.7
%RSD	.06922	.17668	.72206	2.2297	.12765

#1	4674.2	60405.	5377.5	73.950	5226.2
#2	4675.0	60286.	5350.1	73.092	5222.9
#3	4680.2	60192.	5301.4	70.817	5235.7

Sample Name: ICB01 Acquired: 4/29/2019 11:45:04 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.00008	.00049	.00160	.00017	-.00617	-.00014
Stddev	.00126	.00027	.00073	.00100	.00094	.00821	.00009
%RSD	109.92	341.44	150.45	62.296	553.12	132.94	65.018

#1	.00023	.00022	-.00006	.00160	.00040	-.01284	-.00020
#2	-.00141	-.00015	.00132	.00260	.00098	-.00868	-.00018
#3	-.00224	-.00030	.00020	.00060	-.00087	.00299	-.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00006	-.01436	-.00025	-.00012	-.00010	-.00124
Stddev	.00009	.00003	.01183	.00028	.00020	.00010	.00053
%RSD	89.417	56.017	82.394	109.04	170.62	94.925	42.700

#1	-.00004	-.00008	-.00824	-.00036	-.00026	-.00005	-.00066
#2	-.00019	-.00008	-.00684	.00006	-.00019	-.00021	-.00170
#3	-.00006	-.00002	-.02799	-.00046	.00011	-.00005	-.00137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.06410	.00044	-.00005	-.06340	-.00001	-.00212
Stddev	.00003	.01603	.00023	.00037	.00906	.00041	.00012
%RSD	55.813	25.006	51.963	811.35	14.290	4746.9	5.7245

#1	-.00002	-.06039	.00053	.00036	-.05979	.00046	-.00209
#2	-.00007	-.05026	.00061	-.00036	-.07371	-.00022	-.00202
#3	-.00006	-.08167	.00018	-.00014	-.05670	-.00027	-.00226

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07120	-.00003	.00975	F -.02103	-.00088	.00006	-.00291
Stddev	.04180	.00011	.01113	.00222	.00013	.00060	.00040
%RSD	58.707	312.13	114.15	10.571	14.534	1027.4	13.748

#1	-.09264	.00009	.01376	-.02274	-.00087	-.00017	-.00298
#2	-.09794	-.00012	.01832	-.01852	-.00101	-.00040	-.00328
#3	-.02303	-.00007	-.00283	-.02184	-.00075	.00074	-.00248

Sample Name: ICB01 Acquired: 4/29/2019 11:45:04 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	-.0029	.00004	F .26776	F 153.01
Stddev	.00029	.0009	.00008	.06708	65.20
%RSD	11.701	31.53	194.09	25.053	42.615
#1	-.00259	-.0019	-.00005	.32125	209.84
#2	-.00276	-.0031	.00011	.19250	81.825
#3	-.00218	-.0037	.00006	.28953	167.35
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4754.3	60811.	5320.0	72.856	5407.2
Stddev	9.5	43.	6.9	.978	7.5
%RSD	.20000	.07137	.12984	1.3422	.13790
#1	4744.2	60844.	5327.3	71.733	5398.7
#2	4763.1	60828.	5319.0	73.525	5412.7
#3	4755.4	60762.	5313.6	73.308	5410.1

Sample Name: CRI01 Acquired: 4/29/2019 11:49:32 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01940	.04141	.01163	.02135	.05320	.08092	.10217
Stddev	.00285	.00079	.00049	.00106	.00148	.00930	.00049
%RSD	14.690	1.9016	4.1722	4.9852	2.7736	11.495	.48350

#1	.01615	.04230	.01146	.02243	.05490	.07021	.10160
#2	.02149	.04109	.01125	.02030	.05221	.08704	.10249
#3	.02055	.04083	.01218	.02132	.05250	.08550	.10242

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00606	.00569	2.0888	.01009	.02867	.02167	.10734
Stddev	.00005	.00004	.0171	.00036	.00037	.00048	.00097
%RSD	.81508	.72939	.81973	3.6067	1.2882	2.1981	.90743

#1	.00610	.00565	2.1076	.01051	.02909	.02181	.10668
#2	.00600	.00570	2.0847	.00994	.02841	.02207	.10846
#3	.00607	.00573	2.0741	.00983	.02851	.02115	.10689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02221	1.9637	.03947	.01071	1.9665	.03977	.04294
Stddev	.00002	.0609	.00040	.00038	.0154	.00053	.00029
%RSD	.08608	3.0992	1.0175	3.5374	.78057	1.3403	.67754

#1	.02220	1.9251	.03993	.01056	1.9638	.03969	.04326
#2	.02223	1.9322	.03920	.01042	1.9527	.03928	.04287
#3	.02219	2.0339	.03928	.01114	1.9831	.04034	.04269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9828	.20991	.09704	F -.00113	.43584	.03719	.03883
Stddev	.0115	.00089	.00412	.00179	.00256	.00031	.00076
%RSD	.58115	.42256	4.2423	157.65	.58650	.82291	1.9546

#1	1.9761	.21079	.09625	-.00014	.43586	.03749	.03963
#2	1.9961	.20902	.10150	-.00007	.43839	.03688	.03875
#3	1.9761	.20993	.09338	-.00319	.43327	.03721	.03812

Sample Name: CRI01 Acquired: 4/29/2019 11:49:32 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01811	.0158	.02104	F 1.5714	F 217.00
Stddev	.00128	.0001	.00013	.1702	89.23
%RSD	7.0427	.9200	.62186	10.830	41.119
#1	.01690	.0156	.02111	1.3749	310.55
#2	.01798	.0159	.02089	1.6695	132.84
#3	.01944	.0159	.02111	1.6698	207.61
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4709.1	61009.	5320.9	72.053	5266.0
Stddev	18.5	192.	36.6	1.681	14.2
%RSD	.39321	.31540	.68778	2.3336	.26897
#1	4688.6	60903.	5306.2	73.217	5257.7
#2	4714.0	60893.	5294.0	70.125	5257.9
#3	4724.6	61231.	5362.6	72.817	5282.3

Sample Name: ICSA01 Acquired: 4/29/2019 11:59:42 Type: Unk
Method: P4-ICP2(v3075) 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	-.00810	-.00443	.00031	.01822	.00324	265.67	.00715	.00223
Stddev	.00107	.00127	.00044	.00223	.00191	.92	.00046	.00014
%RSD	13.192	28.565	143.66	12.261	58.827	.34559	6.4035	6.3480

#1	-.00925	-.00523	.00082	.01718	.00534	266.58	.00672	.00232
#2	-.00791	-.00297	.00012	.02079	.00161	265.70	.00709	.00207
#3	-.00713	-.00509	-.00001	.01670	.00278	264.74	.00763	.00230

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	246.93	.04711	-.00094	.00975	94.761	.01533	268.92
Stddev	.00014	1.22	.00032	.00038	.00053	.612	.00003	.28
%RSD	66.157	.49264	.68865	41.080	5.4550	.64621	.17465	.10356

#1	-.00024	247.48	.04738	-.00132	.00949	95.468	.01534	268.85
#2	-.00033	247.77	.04675	-.00093	.01036	94.409	.01530	269.23
#3	-.00006	245.53	.04720	-.00056	.00939	94.405	.01535	268.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01249	-.00305	.00208	.00147	-.01739	.03880	-.00094	.07082
Stddev	.00057	.00022	.00187	.00048	.00022	.02375	.00018	.01273
%RSD	4.5751	7.1123	90.047	32.254	1.2828	61.202	19.510	17.970

#1	-.01286	-.00314	-.00008	.00182	-.01759	.04818	-.00114	.05615
#2	-.01278	-.00321	.00325	.00167	-.01743	.01180	-.00090	.07891
#3	-.01183	-.00280	.00306	.00093	-.01715	.05643	-.00079	.07740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00231	-.00703	.00312	-.00232	.00981	-.0054	-.00064	4.0418
Stddev	.00026	.00301	.00126	.00075	.00021	.0015	.00062	.0553
%RSD	11.070	42.865	40.358	32.232	2.1390	27.68	97.057	1.3684

#1	-.00217	-.00647	.00278	-.00282	.00956	-.0070	-.00134	3.9799
#2	-.00216	-.01029	.00206	-.00146	.00993	-.0051	-.00043	4.0864
#3	-.00261	-.00434	.00451	-.00268	.00993	-.0041	-.00015	4.0591

Sample Name: ICSA01 Acquired: 4/29/2019 11:59:42 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	17.599
Stddev	124.71
%RSD	708.66

#1	154.61
#2	-12.503
#3	-89.310

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4150.7	53735.	5051.4	65.433	4108.1
Stddev	3.0	323.	40.7	2.364	1.1
%RSD	.07291	.60200	.80619	3.6135	.02621

#1	4147.2	53384.	5013.1	62.737	4106.9
#2	4152.7	53802.	5047.0	66.407	4109.0
#3	4152.2	54020.	5094.2	67.155	4108.4

Sample Name: ICSAB01 Acquired: 4/29/2019 12:11:04 Type: Unk
Method: P4-ICP2(v3075) 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	.09843	.10057	.05184	.07098	.63032	266.14	.56034
Stddev	.00170	.00174	.00082	.00094	.00032	1.52	.00494
%RSD	1.7249	1.7302	1.5874	1.3230	.05112	.57169	.88225

#1	.10039	.09916	.05124	.07027	.63064	264.47	.55496
#2	.09750	.10004	.05150	.07204	.63031	266.53	.56138
#3	.09739	.10251	.05277	.07062	.63000	267.44	.56468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54817	1.0253	245.03	.55945	.50567	.50605	94.071
Stddev	.00096	.0003	.39	.00184	.00114	.00204	.174
%RSD	.17554	.02756	.15939	.32853	.22610	.40266	.18525

#1	.54709	1.0256	244.69	.55765	.50679	.50818	94.173
#2	.54850	1.0252	244.94	.55938	.50451	.50586	93.869
#3	.54893	1.0251	245.45	.56132	.50571	.50412	94.170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52899	267.20	.99217	.21234	-.02950	.51943	1.0706
Stddev	.00101	1.52	.00019	.00086	.00645	.00093	.0009
%RSD	.19157	.56913	.01888	.40610	21.874	.17813	.08241

#1	.52784	265.44	.99227	.21252	-.03687	.51902	1.0702
#2	.52975	268.07	.99195	.21310	-.02677	.51877	1.0700
#3	.52937	268.07	.99228	.21140	-.02487	.52049	1.0716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00789	.94734	1.0469	F -.00650	.85622	.94958	.94412
Stddev	.02169	.00243	.0140	.00723	.01058	.00141	.00676
%RSD	274.93	.25648	1.3372	111.24	1.2358	.14820	.71611

#1	-.03288	.95002	1.0596	-.00793	.86733	.94841	.95169
#2	.00607	.94527	1.0493	.00134	.85506	.94919	.93868
#3	.00314	.94675	1.0319	-.01290	.84627	.95114	.94199

Sample Name: ICSAB01 Acquired: 4/29/2019 12:11:04 Type: Unk
 Method: P4-ICP2(v3075) 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 .00719	F -.0030	F -.00074	3.6108	114.46
Stddev	.00091	.0012	.00030	.3121	56.81
%RSD	12.671	37.96	40.262	8.6431	49.631

#1	.00723	-.0036	-.00042	3.2750	180.04
#2	.00808	-.0017	-.00080	3.6656	80.618
#3	.00626	-.0039	-.00100	3.8919	82.713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4179.7	53687.	5086.4	65.716	4127.2
Stddev	16.9	90.	30.0	1.139	12.1
%RSD	.40356	.16791	.59018	1.7328	.29354

#1	4160.5	53613.	5052.5	66.981	4117.3
#2	4191.9	53662.	5097.5	64.771	4140.7
#3	4186.7	53788.	5109.3	65.397	4123.7

Sample Name: CCV01 Acquired: 4/29/2019 12:15:27 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9343	4.9961	4.8920	4.9792	4.9465	9.9092	10.021	.25020
Stddev	.0026	.0049	.0021	.0081	.0070	.0475	.069	.00139
%RSD	.05337	.09801	.04197	.16225	.14203	.47895	.68560	.55569
#1	4.9317	5.0005	4.8912	4.9864	4.9546	9.9556	9.9738	.24920
#2	4.9342	4.9909	4.8904	4.9806	4.9425	9.9112	10.100	.24962
#3	4.9370	4.9970	4.8943	4.9705	4.9423	9.8607	9.9896	.25179
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4371	24.836	.99368	2.4527	1.2430	4.9687	2.5022	24.779
Stddev	.0020	.073	.00080	.0016	.0007	.0062	.0025	.066
%RSD	.08294	.29342	.08095	.06657	.05501	.12437	.09910	.26816
#1	2.4369	24.755	.99284	2.4515	1.2429	4.9622	2.4999	24.728
#2	2.4353	24.898	.99376	2.4519	1.2423	4.9694	2.5019	24.854
#3	2.4393	24.854	.99445	2.4545	1.2437	4.9745	2.5048	24.754
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4533	1.2415	24.855	2.4756	2.4569	24.833	5.0126	4.9790
Stddev	.0036	.0009	.122	.0037	.0022	.257	.0051	.0462
%RSD	.14627	.07592	.48988	.14899	.08791	1.0332	.10149	.92846
#1	2.4575	1.2423	24.767	2.4719	2.4585	24.706	5.0078	4.9256
#2	2.4509	1.2418	24.994	2.4793	2.4577	25.129	5.0119	5.0057
#3	2.4517	1.2405	24.802	2.4756	2.4544	24.666	5.0180	5.0057
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8476	4.8432	4.9091	4.9946	4.9478	4.915	5.0353	F 3.2018
Stddev	.0074	.0175	.0080	.0078	.0176	.011	.0088	.0284
%RSD	.15246	.36222	.16212	.15649	.35635	.2318	.17431	.88718
#1	4.8513	4.8408	4.9158	4.9868	4.9416	4.921	5.0280	3.2316
#2	4.8391	4.8269	4.9003	4.9945	4.9342	4.902	5.0451	3.1750
#3	4.8525	4.8618	4.9113	5.0024	4.9677	4.922	5.0330	3.1989

Sample Name: CCV01 Acquired: 4/29/2019 12:15:27 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 93.550
Stddev 70.897
%RSD 75.786

#1 165.96
#2 24.268
#3 90.421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4481.3	57277.	5215.1	69.020	4606.1
Stddev	5.5	60.	21.2	1.460	4.2
%RSD	.12252	.10490	.40728	2.1153	.09022

#1	4485.4	57210.	5200.7	70.064	4610.6
#2	4475.1	57327.	5239.5	67.351	4602.5
#3	4483.4	57294.	5205.2	69.644	4605.2

Sample Name: LLCCV01 Acquired: 4/29/2019 12:19:26 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02045	.04132	.01217	.02319	.05155	.08543	.10318
Stddev	.00102	.00142	.00053	.00164	.00074	.00755	.00110
%RSD	4.9702	3.4339	4.3238	7.0734	1.4451	8.8427	1.0658

#1	.01930	.04035	.01265	.02398	.05209	.09258	.10192
#2	.02125	.04067	.01161	.02130	.05070	.07753	.10375
#3	.02079	.04295	.01225	.02428	.05185	.08618	.10388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	.00574	2.1138	.01051	.02869	.02142	.10802
Stddev	.00004	.00007	.0113	.00041	.00004	.00049	.00088
%RSD	.61910	1.1518	.53208	3.9015	.13820	2.3011	.81026

#1	.00625	.00568	2.1045	.01030	.02873	.02157	.10902
#2	.00622	.00581	2.1105	.01098	.02870	.02087	.10740
#3	.00630	.00572	2.1263	.01025	.02865	.02183	.10764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02237	2.0223	.03994	.01074	1.9692	.04026	.04299
Stddev	.00009	.0387	.00008	.00059	.0097	.00011	.00004
%RSD	.41628	1.9119	.20815	5.4753	.49316	.26850	.08549

#1	.02246	2.0594	.04002	.01013	1.9588	.04014	.04300
#2	.02228	1.9822	.03993	.01080	1.9707	.04030	.04295
#3	.02237	2.0253	.03986	.01130	1.9780	.04034	.04301

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9480	.21074	.09938	F -.00255	.43987	.03699	.03976
Stddev	.0320	.00032	.01864	.00020	.00751	.00099	.00392
%RSD	1.6431	.15373	18.757	7.8362	1.7068	2.6803	9.8660

#1	1.9615	.21097	.08366	-.00259	.44339	.03810	.04349
#2	1.9114	.21087	.09452	-.00233	.44497	.03618	.03567
#3	1.9710	.21037	.11997	-.00272	.43124	.03670	.04011

Sample Name: LLCCV01 Acquired: 4/29/2019 12:19:26 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01927	.0162	.02114	F 2.1592	F 115.39
Stddev	.00171	.0006	.00008	.2106	48.83
%RSD	8.8951	3.472	.35891	9.7540	42.319

#1	.01732	.0164	.02117	1.9663	59.480
#2	.02056	.0166	.02106	2.1274	137.01
#3	.01992	.0155	.02120	2.3839	149.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4697.1	60740.	5301.6	71.019	5243.4
Stddev	1.0	114.	20.4	1.498	6.0
%RSD	.02230	.18768	.38487	2.1097	.11502

#1	4696.9	60756.	5280.7	70.500	5240.5
#2	4696.2	60846.	5302.5	72.708	5239.5
#3	4698.3	60619.	5321.5	69.850	5250.4

Sample Name: CCB01 Acquired: 4/29/2019 12:23:51 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	-.00058	-.00054	.00164	-.00122	-.01853	.00080
Stddev	.00208	.00090	.00038	.00145	.00097	.01013	.00040
%RSD	150.42	155.69	70.502	88.373	79.399	54.671	49.655

#1	.00218	.00045	-.00062	.00157	-.00171	-.02953	.00078
#2	.00294	-.00122	-.00013	.00312	-.00186	-.00957	.00041
#3	-.00098	-.00097	-.00087	.00022	-.00011	-.01651	.00120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00015	.00514	-.00009	.00008	-.00035	-.00102
Stddev	.00003	.00004	.00281	.00041	.00012	.00020	.00060
%RSD	31.646	27.109	54.705	471.09	146.46	58.129	58.576

#1	-.00008	-.00017	.00614	-.00027	.00021	-.00056	-.00168
#2	-.00011	-.00017	.00197	-.00037	-.00002	-.00015	-.00087
#3	-.00005	-.00010	.00732	.00038	.00005	-.00034	-.00051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01522	.00070	.00001	-.08120	-.00020	-.00263
Stddev	.00005	.04527	.00051	.00034	.00614	.00054	.00002
%RSD	272.50	297.45	72.321	3257.8	7.5672	266.68	.87964

#1	-.00005	-.03563	.00077	-.00017	-.08477	-.00064	-.00263
#2	-.00004	.05117	.00016	-.00020	-.07411	.00040	-.00266
#3	.00004	.03012	.00116	.00040	-.08473	-.00037	-.00261

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08474	-.00009	.01270	F -.02722	-.00271	-.00097	-.00165
Stddev	.04520	.00025	.00938	.00206	.00121	.00056	.00263
%RSD	53.338	274.03	73.828	7.5620	44.677	57.151	159.78

#1	-.08378	-.00013	.01597	-.02729	-.00266	-.00159	.00004
#2	-.04003	.00018	.00213	-.02924	-.00153	-.00050	-.00030
#3	-.13042	-.00032	.02001	-.02513	-.00395	-.00083	-.00468

Sample Name: CCB01 Acquired: 4/29/2019 12:23:51 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00454	-0.0019	.00007	F 2.6620	F 62.058
Stddev	.00172	.0004	.00005	.1228	99.368
%RSD	37.935	23.09	73.117	4.6131	160.12

#1	-0.00512	-0.0023	.00013	2.5334	108.32
#2	-0.00260	-0.0014	.00002	2.6745	-52.007
#3	-0.00590	-0.0020	.00007	2.7781	129.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4723.1	61447.	5411.0	73.147	5360.8
Stddev	8.9	131.	17.0	.304	6.2
%RSD	.18791	.21299	.31405	.41584	.11573

#1	4714.3	61301.	5393.0	72.800	5357.6
#2	4723.1	61489.	5426.8	73.275	5367.9
#3	4732.0	61552.	5413.0	73.367	5356.7

Sample Name: K2203-17 Acquired: 4/29/2019 12:27:55 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.05120	.08853	.05850	.00093	182.80	.61022	.01838
Stddev	.00058	.00132	.00156	.00490	.00092	.66	.00353	.00021
%RSD	50.637	2.5811	1.7606	8.3791	98.174	.36262	.57887	1.1608
#1	.00054	-.05267	.09031	.05610	.00016	182.72	.60942	.01838
#2	.00121	-.05010	.08788	.05526	.00069	182.18	.60716	.01859
#3	.00170	-.05082	.08741	.06414	.00194	183.50	.61409	.01816
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01867	51.535	.18153	.25326	.63889	283.07	5.4675	48.928
Stddev	.00043	.306	.00048	.00140	.00118	.32	.0153	.162
%RSD	2.2907	.59288	.26715	.55130	.18547	.11297	.28000	.33186
#1	.01912	51.815	.18208	.25480	.63756	282.70	5.4735	48.884
#2	.01864	51.582	.18131	.25293	.63982	283.28	5.4501	49.108
#3	.01826	51.209	.18119	.25206	.63931	283.23	5.4788	48.792
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20608	-.01749	7.7876	.77208	.82051	7.7671	.00272	.11345
Stddev	.00124	.00042	.0421	.00242	.00174	.0502	.00024	.01264
%RSD	.60168	2.4274	.54082	.31360	.21245	.64575	8.7300	11.138
#1	.20751	-.01784	7.7820	.77273	.82210	7.7501	.00283	.12389
#2	.20543	-.01702	7.7485	.76939	.82078	7.7276	.00244	.09940
#3	.20529	-.01761	7.8322	.77410	.81865	7.8235	.00288	.11707
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0634	2.4776	.01918	5.9034	.09587	F 11.52	-.18210	<.00000
Stddev	.0202	.0154	.00095	.0108	.00073	.04	.00019	.16359
%RSD	.65764	.62066	4.9362	.18223	.76593	.3884	.10534	1.5142
#1	3.0850	2.4864	.01956	5.8918	.09505	11.56	-.18189	-10.819
#2	3.0601	2.4867	.01988	5.9131	.09648	11.52	-.18226	-10.959
#3	3.0451	2.4599	.01810	5.9052	.09607	11.47	-.18215	-10.633

Sample Name: K2203-17 Acquired: 4/29/2019 12:27:55 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6821.5
Stddev 101.3
%RSD 1.4846

#1 6778.1
#2 6749.2
#3 6937.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6029.2	78950.	7407.9	67.635	4274.7
Stddev	5.7	55.	60.1	1.389	11.3
%RSD	.09511	.06988	.81183	2.0540	.26462

#1	6022.7	78971.	7359.6	68.209	4262.9
#2	6031.5	78887.	7388.8	66.051	4275.8
#3	6033.5	78991.	7475.2	68.646	4285.4

Sample Name: K2203-17DUP Acquired: 4/29/2019 12:32:30 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	-.05199	.08735	.06029	.00048	183.26	.60818	.01840
Stddev	.00084	.00240	.00125	.00407	.00094	1.07	.00417	.00002
%RSD	37.202	4.6249	1.4332	6.7498	195.93	.58238	.68557	.09240
#1	.00130	-.05441	.08700	.05638	-.00060	182.54	.60473	.01842
#2	.00268	-.05197	.08631	.06450	.00109	184.49	.61281	.01841
#3	.00282	-.04960	.08874	.06000	.00096	182.76	.60700	.01839
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01893	51.534	.18183	.25270	.64071	281.96	5.4615	48.603
Stddev	.00039	.263	.00104	.00016	.00167	2.34	.0330	.180
%RSD	2.0379	.51074	.56924	.06246	.26006	.82951	.60416	.37045
#1	.01923	51.752	.18294	.25251	.64260	280.76	5.4825	48.398
#2	.01850	51.242	.18089	.25277	.64008	284.66	5.4785	48.735
#3	.01906	51.609	.18166	.25280	.63946	280.46	5.4235	48.675
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20604	-.01803	7.7567	.76758	.81614	7.7158	.00257	.12745
Stddev	.00072	.00068	.0405	.00063	.00116	.0334	.00010	.01460
%RSD	.35172	3.7537	.52175	.08239	.14265	.43279	4.0095	11.457
#1	.20521	-.01780	7.7185	.76688	.81726	7.6866	.00257	.12757
#2	.20641	-.01750	7.7991	.76811	.81493	7.7522	.00247	.11279
#3	.20651	-.01879	7.7524	.76775	.81623	7.7087	.00267	.14199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0747	2.4882	.01893	5.8843	.09498	F 11.53	-.18079	<.00000
Stddev	.0037	.0297	.00086	.0093	.00035	.03	.00263	.28157
%RSD	.11913	1.1957	4.5373	.15837	.36411	.2953	1.4533	2.5743
#1	3.0712	2.5007	.01836	5.8895	.09487	11.57	-.17953	-10.624
#2	3.0785	2.4543	.01991	5.8735	.09470	11.51	-.18381	-11.020
#3	3.0744	2.5098	.01851	5.8898	.09536	11.51	-.17903	-11.169

Sample Name: K2203-17DUP Acquired: 4/29/2019 12:32:30 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 6636.0
Stddev	38.5
%RSD	.57982

#1	6615.7
#2	6612.0
#3	6680.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6034.0	78883.	7380.3	66.392	4289.4
Stddev	5.0	214.	55.7	2.375	6.6
%RSD	.08276	.27164	.75421	3.5769	.15474

#1	6028.3	78934.	7334.6	69.070	4282.7
#2	6035.8	78648.	7442.3	65.564	4289.6
#3	6037.8	79068.	7364.1	64.543	4296.0

Sample Name: K2203-17LX5 Acquired: 4/29/2019 12:37:05 Type: Unk
Method: P4-ICP2(v3075) 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	.00169	-.00643	.01041	.02581	.00105	46.173	.15483	.00440
Stddev	.00185	.00151	.00038	.00240	.00107	.233	.00058	.00016
%RSD	108.95	23.433	3.6616	9.2919	101.57	.50470	.37261	3.7369
#1	.00103	-.00721	.01082	.02324	.00196	45.969	.15450	.00459
#2	.00028	-.00739	.01007	.02622	.00134	46.427	.15549	.00430
#3	.00378	-.00469	.01034	.02798	-.00013	46.122	.15449	.00430
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	13.663	.04630	.04951	.17392	93.493	1.4877	12.637
Stddev	.00009	.053	.00051	.00045	.00084	.277	.0007	.047
%RSD	6.3804	.39043	1.0907	.90401	.48353	.29633	.04515	.37198
#1	-.00135	13.696	.04670	.05002	.17480	93.187	1.4880	12.599
#2	-.00149	13.692	.04647	.04934	.17383	93.726	1.4869	12.623
#3	-.00153	13.602	.04574	.04918	.17312	93.566	1.4881	12.689
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03906	-.00248	1.9020	.20165	.14224	1.8585	.00059	.05914
Stddev	.00030	.00085	.0106	.00163	.00126	.0147	.00029	.00562
%RSD	.77597	34.259	.55913	.80735	.88916	.78963	49.654	9.4970
#1	.03934	-.00324	1.8965	.20352	.14370	1.8608	.00057	.05492
#2	.03909	-.00263	1.9142	.20056	.14153	1.8719	.00030	.05698
#3	.03874	-.00156	1.8952	.20087	.14149	1.8428	.00088	.06552
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57647	.54913	.00268	1.5182	.02025	2.231	-.06901	.23965
Stddev	.00918	.00431	.00076	.0060	.00123	.013	.00020	.22792
%RSD	1.5932	.78403	28.460	.39287	6.0524	.5772	.28860	95.102
#1	.58096	.55403	.00183	1.5208	.01910	2.246	-.06878	-.01724
#2	.58255	.54741	.00293	1.5224	.02011	2.223	-.06910	.41761
#3	.56591	.54595	.00329	1.5114	.02154	2.224	-.06914	.31859

Sample Name: K2203-17LX5 Acquired: 4/29/2019 12:37:05 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 367.50
Stddev	75.26
%RSD	20.479

#1	280.63
#2	408.87
#3	413.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4983.8	64256.	5852.9	73.650	4859.6
Stddev	8.6	200.	19.4	.291	17.6
%RSD	.17205	.31105	.33174	.39486	.36317

#1	4974.3	64303.	5837.7	73.965	4839.4
#2	4986.4	64037.	5846.2	73.591	4871.8
#3	4990.9	64428.	5874.7	73.392	4867.6

Sample Name: K2203-17MS Acquired: 4/29/2019 12:41:30 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55831	1.9668	1.0845	1.4912	.55218	188.75	.76638	.16552
Stddev	.00555	.0070	.0009	.0083	.00025	.56	.00136	.00059
%RSD	.99419	.35361	.08632	.55951	.04549	.29528	.17804	.35651
#1	.56080	1.9692	1.0836	1.4830	.55189	188.77	.76527	.16484
#2	.56218	1.9724	1.0844	1.4997	.55231	189.30	.76790	.16592
#3	.55195	1.9590	1.0855	1.4909	.55235	188.18	.76596	.16580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21830	53.308	.47302	.45763	.85438	285.41	5.6012	50.703
Stddev	.00020	.244	.00057	.00021	.00256	1.54	.0327	.416
%RSD	.08980	.45766	.12034	.04698	.30016	.53856	.58358	.81955
#1	.21851	53.070	.47352	.45739	.85336	283.64	5.6186	50.242
#2	.21826	53.558	.47314	.45772	.85729	286.25	5.5635	51.048
#3	.21813	53.296	.47240	.45779	.85248	286.34	5.6215	50.819
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71541	.03257	10.254	.98927	1.0231	15.668	.27974	.35616
Stddev	.00113	.00013	.063	.00236	.0015	.061	.00088	.02380
%RSD	.15804	.40267	.61466	.23893	.14528	.39227	.31292	6.6827
#1	.71521	.03249	10.251	.99168	1.0245	15.603	.27926	.33203
#2	.71662	.03272	10.318	.98695	1.0233	15.725	.28075	.35683
#3	.71439	.03250	10.192	.98920	1.0215	15.676	.27922	.37961
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0663	5.1815	.69132	6.3025	.24626	F 17.22	-.03717	<.00000
Stddev	.0231	.0033	.00381	.0091	.00228	.05	.00077	.29204
%RSD	.75229	.06309	.55069	.14413	.92578	.2985	2.0690	2.4883
#1	3.0759	5.1822	.69097	6.2929	.24805	17.24	-.03636	-11.691
#2	3.0830	5.1779	.69529	6.3109	.24703	17.26	-.03726	-12.048
#3	3.0400	5.1843	.68770	6.3037	.24369	17.16	-.03789	-11.470

Sample Name: K2203-17MS Acquired: 4/29/2019 12:41:30 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 6520.5
Stddev	117.8
%RSD	1.8070

#1	6617.8
#2	6389.5
#3	6554.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6075.5	78178.	7311.2	68.260	4272.8
Stddev	11.6	131.	10.9	1.474	6.3
%RSD	.19042	.16732	.14943	2.1589	.14629

#1	6069.0	78177.	7322.6	69.591	4266.1
#2	6068.6	78048.	7300.8	68.512	4273.8
#3	6088.8	78310.	7310.2	66.677	4278.5

Sample Name: K2203-17MSD Acquired: 4/29/2019 12:45:53 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57029	2.0077	1.1009	1.5080	.55129	186.79	.75958	.16634
Stddev	.00381	.0108	.0045	.0080	.00216	.35	.00225	.00047
%RSD	.66796	.53570	.40538	.53148	.39265	.18803	.29589	.28187

#1	.57466	2.0189	1.1053	1.5118	.55013	186.56	.75894	.16628
#2	.56767	2.0068	1.1010	1.5133	.55379	186.62	.75773	.16591
#3	.56855	1.9975	1.0964	1.4987	.54996	187.20	.76208	.16684

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22013	52.757	.47605	.46006	.85125	282.82	5.5540	50.187
Stddev	.00046	.280	.00161	.00181	.00229	1.29	.0315	.198
%RSD	.21102	.53115	.33748	.39398	.26890	.45523	.56794	.39459

#1	.22040	52.984	.47499	.46160	.85150	282.27	5.5228	50.015
#2	.21959	52.843	.47527	.46050	.85341	284.29	5.5859	50.141
#3	.22040	52.444	.47790	.45806	.84885	281.89	5.5533	50.403

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72419	.03377	10.205	.98628	1.0244	15.630	.27974	.36275
Stddev	.00316	.00033	.042	.00127	.0017	.021	.00062	.03210
%RSD	.43629	.97431	.41490	.12838	.16551	.13512	.22107	8.8492

#1	.72777	.03375	10.168	.98533	1.0251	15.621	.28038	.35611
#2	.72301	.03411	10.195	.98771	1.0225	15.615	.27971	.39765
#3	.72179	.03345	10.251	.98579	1.0257	15.654	.27914	.33449

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0471	5.1105	.69088	6.2432	.24813	F 17.18	-.03522	<.00000
Stddev	.0059	.0372	.00189	.0183	.00040	.04	.00224	.22892
%RSD	.19280	.72736	.27366	.29263	.16005	.2054	6.3504	1.9209

#1	3.0539	5.1449	.69272	6.2221	.24798	17.19	-.03263	-11.839
#2	3.0442	5.1157	.69099	6.2532	.24782	17.14	-.03644	-11.737
#3	3.0433	5.0711	.68894	6.2542	.24858	17.21	-.03657	-12.175

Sample Name: K2203-17MSD Acquired: 4/29/2019 12:45:53 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 6478.9
 Stddev 137.4
 %RSD 2.1203

#1 6615.8
 #2 6479.7
 #3 6341.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6104.3	78622.	7361.3	66.849	4297.2
Stddev	9.1	90.	70.0	2.055	1.5
%RSD	.14925	.11400	.95069	3.0739	.03576

#1	6106.8	78526.	7295.8	64.492	4295.5
#2	6094.2	78704.	7353.2	68.267	4298.3
#3	6112.0	78637.	7435.0	67.787	4297.9

Sample Name: K2203-17A Acquired: 4/29/2019 12:50:17 Type: Unk

Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8168 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57643	2.0728	1.1322	1.5294	.54709	189.86	.77488	.17082
Stddev	.00098	.0011	.0015	.0045	.00124	.88	.00392	.00015
%RSD	.17019	.05100	.13315	.29388	.22666	.46177	.50558	.08605
#1	.57644	2.0735	1.1310	1.5243	.54661	190.39	.77709	.17065
#2	.57740	2.0733	1.1318	1.5309	.54850	190.35	.77719	.17091
#3	.57544	2.0716	1.1339	1.5329	.54617	188.85	.77036	.17090
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22780	54.428	.48189	.47820	.86960	289.41	5.7035	51.321
Stddev	.00023	.313	.00064	.00016	.00096	1.81	.0563	.394
%RSD	.09939	.57454	.13190	.03302	.11003	.62669	.98789	.76763
#1	.22795	54.742	.48132	.47814	.87025	289.09	5.6657	51.374
#2	.22791	54.116	.48178	.47809	.86850	291.36	5.7683	51.686
#3	.22754	54.425	.48258	.47838	.87004	287.77	5.6767	50.903
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74918	.03495	10.247	1.0204	.99590	15.880	.27975	.36292
Stddev	.00072	.00041	.082	.0003	.00143	.119	.00067	.01004
%RSD	.09558	1.1730	.80213	.03268	.14339	.74652	.23936	2.7670
#1	.74923	.03468	10.302	1.0208	.99733	15.928	.27921	.35633
#2	.74986	.03542	10.286	1.0201	.99448	15.967	.27953	.35796
#3	.74844	.03475	10.152	1.0204	.99589	15.745	.28050	.37448
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1316	8.7600	.69745	6.7708	.24812	F 17.92	-.03707	<.00000
Stddev	.0058	.0860	.00195	.0734	.00273	.01	.00290	.21816
%RSD	.18610	.98132	.27986	1.0846	1.0996	.0399	7.8348	2.2176
#1	3.1378	8.7851	.69644	6.8449	.25126	17.93	-.03562	-9.8106
#2	3.1309	8.6643	.69970	6.6980	.24632	17.92	-.04041	-10.068
#3	3.1262	8.8306	.69621	6.7695	.24678	17.92	-.03517	-9.6344

Sample Name: K2203-17A Acquired: 4/29/2019 12:50:17 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8168 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7622.7
Stddev 99.8
%RSD 1.3093

#1 7655.2
#2 7510.7
#3 7702.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6119.3	79562.	7370.9	66.812	4233.9
Stddev	4.9	396.	39.1	.368	8.7
%RSD	.08015	.49785	.52981	.55060	.20461

#1	6114.9	79435.	7342.6	67.178	4224.6
#2	6124.6	79245.	7415.5	66.815	4241.7
#3	6118.4	80006.	7354.6	66.442	4235.3

Sample Name: PB119277BL Acquired: 4/29/2019 13:03:48 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-MATERI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	.00004	-.00048	-.00044	-.00150	-.01810	.00058	-.00002
Stddev	.00209	.00073	.00063	.00175	.00038	.01266	.00027	.00003
%RSD	173.10	1802.4	132.30	400.99	25.210	69.944	46.126	128.48

#1	.00117	-.00080	.00014	.00150	-.00192	-.00459	.00034	.00000
#2	.00332	.00052	-.00112	-.00092	-.00138	-.02969	.00087	-.00001
#3	-.00087	.00040	-.00046	-.00189	-.00119	-.02002	.00052	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00128	.00039	.00009	-.00019	-.00026	-.00004	-.01045
Stddev	.00002	.00842	.00013	.00008	.00039	.00052	.00003	.03788
%RSD	20.613	657.41	34.378	96.315	204.80	202.41	73.950	362.57

#1	-.00012	.00839	.00043	.00011	-.00026	-.00039	-.00006	-.00305
#2	-.00008	-.00699	.00024	-.00001	-.00055	-.00070	-.00007	-.05148
#3	-.00012	-.00525	.00050	.00015	.00023	.00032	-.00001	.02319

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.00001	-.06817	.00000	-.00267	-.09017	-.00029	.01145
Stddev	.00025	.00022	.00083	.00044	.00012	.00478	.00013	.01450
%RSD	58.284	1941.4	1.2127	13175.	4.3876	5.2973	45.119	126.64

#1	.00033	.00024	-.06736	.00037	-.00278	-.08540	-.00041	.01840
#2	.00024	-.00012	-.06815	.00013	-.00269	-.09496	-.00029	-.00522
#3	.00071	-.00015	-.06901	-.00048	-.00255	-.09016	-.00015	.02118

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02531	-.00048	-.00218	-.00321	-.00549	-.0022	.00007	3.4235
Stddev	.00197	.00205	.00039	.00074	.00093	.0012	.00001	.3986
%RSD	7.7678	430.96	17.828	23.014	16.971	53.76	12.286	11.643

#1	-.02714	-.00168	-.00257	-.00405	-.00449	-.0022	.00008	3.7762
#2	-.02323	-.00165	-.00219	-.00272	-.00633	-.0010	.00007	3.5031
#3	-.02557	.00189	-.00179	-.00284	-.00564	-.0034	.00006	2.9911

Sample Name: PB119277BL Acquired: 4/29/2019 13:03:48 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-MATERI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 114.41
Stddev	23.83
%RSD	20.830

#1	134.40
#2	120.78
#3	88.036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4687.8	60492.	5386.9	74.381	5305.2
Stddev	9.9	755.	16.7	.383	7.4
%RSD	.21117	1.2483	.31028	.51541	.13871

#1	4687.7	59640.	5370.9	74.767	5298.2
#2	4677.9	61078.	5404.3	74.375	5304.6
#3	4697.7	60757.	5385.6	74.000	5312.9

Sample Name: PB119277BS Acquired: 4/29/2019 13:08:15 Type: Unk
Method: P4-ICP2(v3075) 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	.75135	1.9750	.94992	1.9233	.79491	1.8902	.20087
Stddev	.00432	.0122	.00323	.0092	.00157	.0299	.00220
%RSD	.57473	.61936	.34016	.47742	.19710	1.5795	1.0954

#1	.74760	1.9715	.94753	1.9223	.79606	1.8609	.19901
#2	.75607	1.9886	.95359	1.9329	.79555	1.9206	.20330
#3	.75038	1.9649	.94863	1.9146	.79312	1.8893	.20032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18574	.18418	1.0443	.40412	.19327	.30661	3.0455
Stddev	.00070	.00042	.0082	.00038	.00117	.00152	.0079
%RSD	.37423	.22639	.78421	.09329	.60364	.49641	.26030

#1	.18522	.18386	1.0527	.40443	.19270	.30654	3.0373
#2	.18546	.18465	1.0364	.40423	.19462	.30816	3.0532
#3	.18653	.18403	1.0438	.40370	.19251	.30512	3.0460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20643	1.8568	.48045	.06855	2.9316	.30474	.17963
Stddev	.00027	.0335	.00178	.00018	.0386	.00069	.00077
%RSD	.13288	1.8047	.36988	.26789	1.3155	.22608	.42917

#1	.20611	1.8523	.47915	.06851	2.9124	.30395	.17946
#2	.20662	1.8258	.48248	.06839	2.9760	.30506	.18047
#3	.20655	1.8924	.47973	.06875	2.9064	.30521	.17896

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8107	.42648	.29636	F -.02875	.88760	.66465	.20313
Stddev	.1412	.00251	.01182	.00337	.00216	.00407	.00119
%RSD	1.4393	.58773	3.9881	11.727	.24352	.61251	.58347

#1	9.7175	.42636	.28632	-.02775	.89007	.66038	.20309
#2	9.9731	.42905	.29336	-.03250	.88671	.66848	.20197
#3	9.7414	.42404	.30938	-.02598	.88603	.66508	.20433

Sample Name: PB119277BS Acquired: 4/29/2019 13:08:15 Type: Unk
Method: P4-ICP2(v3075) 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	.19331	5.074	.20109	F 3.8247	F 348.15
Stddev	.00136	.025	.00014	.1832	58.35
%RSD	.70181	.4886	.07035	4.7897	16.761
#1	.19182	5.062	.20096	3.6564	290.09
#2	.19365	5.103	.20124	3.7978	406.79
#3	.19447	5.058	.20107	4.0198	347.57
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4572.5	60013.	5255.6	71.342	5057.2
Stddev	22.3	334.	56.6	.566	22.5
%RSD	.48861	.55637	1.0775	.79370	.44570
#1	4555.2	59652.	5194.1	71.417	5039.1
#2	4564.5	60078.	5305.6	71.867	5049.9
#3	4597.7	60310.	5267.1	70.742	5082.4

Sample Name: PB119277TB Acquired: 4/29/2019 13:12:21 Type: Unk
Method: P4-ICP2(v3075) 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	-.00169	-.00236	.00072	.00369	.00066	-.00528	.00037
Stddev	.00120	.00063	.00058	.00376	.00063	.02002	.00044
%RSD	71.110	26.806	81.336	101.66	96.309	379.36	119.55

#1	-.00090	-.00308	.00005	-.00028	-.00005	-.00588	-.00014
#2	-.00306	-.00196	.00095	.00419	.00116	.01504	.00068
#3	-.00109	-.00203	.00115	.00718	.00086	-.02499	.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.00016	.00860	.00065	-.00019	.00087	.00276
Stddev	.00005	.00011	.01034	.00056	.00004	.00033	.00039
%RSD	26.203	70.270	120.26	86.542	19.554	37.441	14.133

#1	-.00017	-.00003	.01855	.00009	-.00016	.00095	.00316
#2	-.00024	-.00022	-.00209	.00121	-.00018	.00116	.00238
#3	-.00015	-.00021	.00934	.00064	-.00023	.00052	.00274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.04608	.00112	.00147	F 301.91	-.00028	.00661
Stddev	.00003	.03045	.00055	.00010	2.58	.00026	.00009
%RSD	25.687	66.078	48.774	6.9856	.85470	91.211	1.3647

#1	.00008	-.04737	.00116	.00135	304.70	-.00023	.00658
#2	.00014	-.07586	.00056	.00155	299.61	-.00056	.00672
#3	.00011	-.01501	.00165	.00150	301.42	-.00006	.00655

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05746	-.00011	.01073	F -.01828	.00348	.00006	-.00014
Stddev	.01705	.00017	.01581	.00407	.00190	.00060	.00253
%RSD	29.667	162.02	147.33	22.287	54.610	1064.9	1784.7

#1	.04085	-.00023	.02836	-.01361	.00511	-.00063	.00273
#2	.05662	-.00018	-.00222	-.02011	.00396	.00051	-.00111
#3	.07491	.00009	.00607	-.02111	.00139	.00029	-.00204

Sample Name: PB119277TB Acquired: 4/29/2019 13:12:21 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00412	-0.0033	.00012	4.7943	<.00000
Stddev	.00206	.0009	.00002	.2565	27.915
%RSD	49.977	27.52	17.191	5.3506	16.370

#1	-0.00561	-0.0025	.00015	4.7443	-158.18
#2	-0.00177	-0.0030	.00011	5.0722	-150.92
#3	-0.00498	-0.0043	.00011	4.5665	-202.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4333.3	56185.	5254.3	68.281	4490.4
Stddev	12.9	59.	39.1	.638	9.0
%RSD	.29711	.10454	.74354	.93461	.19965

#1	4318.5	56118.	5209.2	68.017	4481.2
#2	4339.2	56210.	5277.4	67.817	4490.9
#3	4342.1	56228.	5276.3	69.008	4499.1

Sample Name: K2575-01DLX100 Acquired: 4/29/2019 13:16:57 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-MATERI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	-.00014	.36084	.00284	.18199	1.5317	1.6735	.00018
Stddev	.00124	.00056	.00168	.00151	.00130	.0158	.0101	.00004
%RSD	44.198	410.44	.46585	53.115	.71294	1.0319	.60535	23.181
#1	-.00282	.00046	.36205	.00388	.18191	1.5181	1.6840	.00018
#2	-.00156	-.00024	.36155	.00351	.18332	1.5490	1.6727	.00023
#3	-.00405	-.00064	.35892	.00111	.18073	1.5279	1.6638	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	1.6843	1.1518	.01494	.01257	9.7551	.04554	3.3937
Stddev	.00005	.0151	.0048	.00003	.00043	.0067	.00021	.0203
%RSD	4.9839	.89867	.41504	.22906	3.3832	.06925	.47098	.59743
#1	.00101	1.6670	1.1545	.01496	.01208	9.7604	.04555	3.4038
#2	.00109	1.6951	1.1547	.01496	.01286	9.7475	.04532	3.3704
#3	.00112	1.6908	1.1463	.01490	.01277	9.7573	.04575	3.4070
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	.00034	.09593	.00447	19.892	.33344	-.00216	.23018
Stddev	.00013	.00006	.00759	.00047	.007	.03761	.00020	.00512
%RSD	6.8874	18.890	7.9115	10.485	.03539	11.279	9.0955	2.2231
#1	.00189	.00028	.10449	.00494	19.900	.36758	-.00194	.22992
#2	.00167	.00033	.09327	.00446	19.889	.29313	-.00231	.23542
#3	.00189	.00040	.09002	.00400	19.888	.33961	-.00224	.22520
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13639	.01083	-.00026	.06819	-.00072	.0241	.03699	2.2007
Stddev	.00148	.00159	.00046	.00077	.00023	.0005	.00030	.2117
%RSD	1.0833	14.658	174.95	1.1362	32.030	2.077	.79888	9.6189
#1	.13788	.00924	-.00036	.06841	-.00047	.0245	.03683	2.4442
#2	.13636	.01241	-.00066	.06732	-.00076	.0244	.03733	2.0970
#3	.13493	.01084	.00024	.06882	-.00093	.0236	.03682	2.0609

Sample Name: K2575-01DLX100 Acquired: 4/29/2019 13:16:57 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-MATERI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 249.26
Stddev 87.73
%RSD 35.195

#1 336.76
#2 161.31
#3 249.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4743.2	61574.	5452.0	73.513	5237.1
Stddev	6.0	385.	8.8	.803	8.0
%RSD	.12640	.62538	.16129	1.0928	.15194

#1	4744.9	61131.	5445.7	72.885	5239.0
#2	4748.2	61762.	5448.4	74.418	5243.9
#3	4736.6	61829.	5462.1	73.235	5228.3

Sample Name: CCV02 Acquired: 4/29/2019 13:21:17 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9221	5.0255	4.8754	4.9989	4.9346	9.8312	10.129	.25126
Stddev	.0185	.0026	.0113	.0053	.0067	.0800	.007	.00071
%RSD	.37510	.05095	.23102	.10596	.13669	.81379	.06799	.28333
#1	4.9402	5.0270	4.8870	5.0042	4.9414	9.9138	10.121	.25199
#2	4.9033	5.0271	4.8646	4.9936	4.9279	9.7540	10.135	.25056
#3	4.9228	5.0226	4.8745	4.9990	4.9345	9.8257	10.130	.25124
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4317	25.073	.98841	2.4570	1.2331	4.9830	2.5127	25.019
Stddev	.0059	.013	.00171	.0050	.0021	.0036	.0035	.083
%RSD	.24296	.05294	.17261	.20166	.17242	.07301	.13840	.33024
#1	2.4374	25.084	.99017	2.4615	1.2329	4.9863	2.5166	25.112
#2	2.4256	25.076	.98829	2.4517	1.2311	4.9834	2.5099	24.955
#3	2.4321	25.058	.98676	2.4578	1.2353	4.9791	2.5116	24.990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4688	1.2363	25.198	2.4819	2.4576	25.162	5.0310	5.0944
Stddev	.0038	.0018	.018	.0022	.0059	.011	.0035	.0403
%RSD	.15367	.14192	.07243	.08941	.23963	.04253	.07039	.79161
#1	2.4719	1.2379	25.210	2.4794	2.4628	25.152	5.0299	5.1385
#2	2.4646	1.2344	25.177	2.4825	2.4512	25.161	5.0281	5.0594
#3	2.4698	1.2365	25.206	2.4838	2.4587	25.174	5.0349	5.0852
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8730	4.7397	4.9196	4.9928	4.8469	4.950	5.0446	F 4.2096
Stddev	.0107	.0270	.0072	.0064	.0111	.009	.0129	.0982
%RSD	.21959	.56987	.14676	.12815	.22798	.1724	.25614	2.3320
#1	4.8821	4.7095	4.9233	4.9955	4.8403	4.960	5.0298	4.3151
#2	4.8612	4.7617	4.9113	4.9974	4.8407	4.947	5.0501	4.1926
#3	4.8756	4.7477	4.9243	4.9855	4.8596	4.944	5.0539	4.1210

Sample Name: CCV02 Acquired: 4/29/2019 13:21:17 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 106.79
Stddev	104.13
%RSD	97.508

#1	108.99
#2	209.81
#3	1.5830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4541.1	58532.	5366.7	72.189	4648.8
Stddev	6.2	192.	1.4	.869	11.4
%RSD	.13632	.32856	.02593	1.2032	.24419

#1	4537.9	58314.	5367.9	72.017	4637.2
#2	4537.2	58606.	5365.1	73.130	4649.4
#3	4548.3	58677.	5367.1	71.419	4659.9

Sample Name: CCB02 Acquired: 4/29/2019 13:25:15 Type: Unk
Method: P4-ICP2(v3075) 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	-.00118	-.00069	.00040	.00192	-.00036	-.01644	.00101
Stddev	.00160	.00151	.00055	.00076	.00056	.00711	.00012
%RSD	135.42	218.31	138.71	39.536	153.49	43.216	12.189

#1	-.00287	-.00023	.00103	.00155	.00025	-.02084	.00104
#2	-.00099	.00053	.00008	.00279	-.00085	-.00824	.00087
#3	.00032	-.00238	.00008	.00141	-.00049	-.02025	.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00015	.01312	-.00002	.00007	-.00033	.00001
Stddev	.00004	.00003	.01397	.00025	.00005	.00029	.00103
%RSD	62.476	18.311	106.49	1287.8	72.260	86.671	10135.

#1	-.00002	-.00017	.00228	.00001	.00004	-.00050	.00100
#2	-.00011	-.00017	.02889	.00021	.00004	-.00050	.00010
#3	-.00008	-.00012	.00820	-.00028	.00013	.00000	-.00107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01415	.00049	.00016	-.05844	-.00009	-.00219
Stddev	.00006	.05430	.00019	.00031	.00738	.00014	.00015
%RSD	285.18	383.87	38.495	197.16	12.621	164.38	7.0573

#1	.00004	-.07135	.00058	-.00013	-.06011	-.00018	-.00205
#2	-.00004	-.00779	.00060	.00049	-.06484	.00008	-.00215
#3	.00007	.03670	.00027	.00012	-.05037	-.00016	-.00236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07794	.00053	.01685	F -.02667	-.00270	.00035	-.00219
Stddev	.00870	.00005	.00351	.00048	.00217	.00069	.00119
%RSD	11.159	9.4077	20.853	1.7868	80.398	193.92	54.148

#1	-.07195	.00055	.01912	-.02713	-.00283	.00115	-.00108
#2	-.07395	.00058	.01280	-.02618	-.00047	-.00007	-.00205
#3	-.08792	.00048	.01863	-.02670	-.00480	-.00001	-.00344

Sample Name: CCB02 Acquired: 4/29/2019 13:25:15 Type: Unk
Method: P4-ICP2(v3075) 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	-.00337	-.0028	.00008	F 3.4529	F 19.588
Stddev	.00354	.0010	.00006	.1779	54.750
%RSD	105.17	35.16	77.292	5.1514	279.51
#1	-.00721	-.0038	.00014	3.3044	35.334
#2	-.00022	-.0018	.00003	3.4042	64.739
#3	-.00268	-.0029	.00006	3.6500	-41.309
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4756.8	61479.	5446.3	74.289	5363.6
Stddev	6.2	229.	18.2	.437	4.7
%RSD	.13092	.37197	.33362	.58828	.08755
#1	4760.7	61222.	5434.2	74.075	5366.0
#2	4749.7	61559.	5437.5	74.792	5358.2
#3	4760.1	61658.	5467.2	74.000	5366.6

Sample Name: PB119276BL Acquired: 4/29/2019 13:29:44 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	-.00102	-.00044	.00197	-.00055	-.02554	.00103
Stddev	.00132	.00018	.00057	.00167	.00041	.00154	.00033
%RSD	165.16	17.364	130.56	85.036	75.324	6.0218	31.917

#1	-.00175	-.00106	-.00047	.00321	-.00094	-.02488	.00098
#2	.00071	-.00118	-.00098	.00262	-.00057	-.02730	.00138
#3	-.00136	-.00083	.00015	.00007	-.00012	-.02445	.00073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00011	-.00445	-.00027	-.00003	-.00024	-.00050
Stddev	.00005	.00004	.00371	.00015	.00012	.00025	.00029
%RSD	69.387	37.768	83.377	54.832	397.67	105.49	57.923

#1	-.00011	-.00006	-.00424	-.00024	.00008	-.00018	-.00075
#2	-.00002	-.00015	-.00085	-.00014	-.00001	-.00002	-.00055
#3	-.00009	-.00012	-.00826	-.00044	-.00016	-.00051	-.00018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00220	.00023	.00026	-.06843	-.00028	-.00258
Stddev	.00002	.03006	.00011	.00034	.00176	.00040	.00010
%RSD	67.359	1364.9	50.347	127.95	2.5665	139.24	4.0225

#1	.00003	.00318	.00013	-.00010	-.06905	.00001	-.00248
#2	.00005	.03176	.00035	.00034	-.06645	-.00013	-.00269
#3	.00001	-.02834	.00020	.00056	-.06980	-.00074	-.00258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10117	-.00022	.00468	F -.02557	-.00178	-.00144	-.00196
Stddev	.00925	.00010	.01368	.00203	.00099	.00031	.00040
%RSD	9.1386	43.942	292.54	7.9405	55.781	21.607	20.496

#1	-.09896	-.00032	-.00755	-.02765	-.00094	-.00153	-.00171
#2	-.11132	-.00012	.00213	-.02545	-.00287	-.00170	-.00242
#3	-.09323	-.00022	.01946	-.02360	-.00152	-.00109	-.00174

Sample Name: PB119276BL Acquired: 4/29/2019 13:29:44 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00487	-0.0022	-0.00003	F 3.8169	F 109.41
Stddev	.00166	.0011	.00002	.1824	89.40
%RSD	34.108	49.08	67.344	4.7790	81.712

#1	-0.00651	-0.0010	-0.00006	3.6907	212.64
#2	-0.00319	-0.0029	-0.00002	4.0260	58.692
#3	-0.00492	-0.0029	-0.00002	3.7339	56.903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4703.6	61448.	5413.4	74.633	5308.9
Stddev	9.3	165.	40.9	.421	4.7
%RSD	.19827	.26786	.75466	.56395	.08888

#1	4702.4	61271.	5366.4	74.642	5312.7
#2	4694.9	61477.	5440.1	75.050	5303.6
#3	4713.5	61597.	5433.8	74.208	5310.3

Sample Name: PB119276BS Acquired: 4/29/2019 13:34:13 Type: Unk
Method: P4-ICP2(v3075) 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	.72273	1.9085	.91347	1.8388	.77292	1.7900	.19461
Stddev	.00142	.0015	.00062	.0053	.00004	.0165	.00163
%RSD	.19662	.07758	.06835	.28987	.00565	.92223	.83584

#1	.72120	1.9069	.91410	1.8392	.77294	1.7728	.19289
#2	.72298	1.9086	.91346	1.8439	.77287	1.7916	.19482
#3	.72400	1.9099	.91285	1.8333	.77296	1.8057	.19612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17893	.17685	.99674	.38773	.18647	.29501	2.9380
Stddev	.00101	.00005	.01765	.00195	.00048	.00061	.0148
%RSD	.56194	.02570	1.7709	.50188	.25693	.20765	.50228

#1	.17826	.17686	1.0094	.38554	.18611	.29433	2.9226
#2	.17846	.17690	1.0042	.38927	.18628	.29517	2.9393
#3	.18009	.17681	.97658	.38837	.18701	.29552	2.9520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19895	1.8449	.46386	.06559	2.8414	.29377	.17170
Stddev	.00082	.0399	.00067	.00070	.0163	.00055	.00028
%RSD	.41172	2.1610	.14526	1.0686	.57294	.18792	.16089

#1	.19841	1.8907	.46362	.06479	2.8252	.29313	.17200
#2	.19855	1.8179	.46334	.06591	2.8412	.29406	.17146
#3	.19989	1.8260	.46462	.06608	2.8578	.29411	.17163

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4622	.41745	.27424	F -.03190	.85154	.65148	.19747
Stddev	.0816	.00030	.00556	.00131	.00209	.00166	.00144
%RSD	.86216	.07241	2.0283	4.1103	.24516	.25504	.72822

#1	9.3730	.41754	.28051	-.03191	.85330	.65049	.19730
#2	9.4804	.41711	.27233	-.03321	.85208	.65056	.19613
#3	9.5331	.41769	.26989	-.03059	.84923	.65340	.19899

Sample Name: PB119276BS Acquired: 4/29/2019 13:34:13 Type: Unk
Method: P4-ICP2(v3075) 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	.18197	4.904	.19228	F 3.9343	F 260.79
Stddev	.00114	.016	.00041	.1338	102.56
%RSD	.62899	.3154	.21113	3.4020	39.329
#1	.18242	4.888	.19192	3.8920	297.89
#2	.18283	4.918	.19272	3.8266	339.64
#3	.18067	4.906	.19220	4.0841	144.83
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4614.9	61013.	5389.2	73.508	5097.9
Stddev	19.8	49.	28.9	1.100	23.9
%RSD	.42933	.08069	.53586	1.4958	.46966
#1	4597.0	60965.	5362.9	73.242	5078.1
#2	4611.5	61063.	5384.8	72.567	5091.2
#3	4636.2	61012.	5420.1	74.717	5124.5

Sample Name: PB119276TB Acquired: 4/29/2019 13:38:19 Type: Unk
Method: P4-ICP2(v3075) 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	-.00479	-.00262	.00117	.00262	-.00054	-.00996	.00073
Stddev	.00082	.00067	.00026	.00244	.00126	.00482	.00035
%RSD	17.139	25.476	22.423	93.415	233.88	48.369	47.866

#1	-.00428	-.00197	.00134	.00080	-.00008	-.00917	.00047
#2	-.00435	-.00330	.00087	.00540	-.00196	-.01512	.00113
#3	-.00574	-.00258	.00130	.00166	.00043	-.00558	.00060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00015	.02287	.00070	-.00019	.00055	.00399
Stddev	.00002	.00004	.01295	.00031	.00038	.00024	.00023
%RSD	8.5373	27.124	56.599	44.184	193.63	44.090	5.8763

#1	-.00022	-.00016	.02354	.00078	-.00063	.00042	.00373
#2	-.00020	-.00018	.03548	.00035	.00006	.00041	.00419
#3	-.00019	-.00010	.00961	.00095	-.00002	.00083	.00404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00819	.00109	.00168	F 304.65	-.00005	-.00101
Stddev	.00003	.01835	.00005	.00036	1.96	.00016	.00006
%RSD	46.294	224.21	4.2487	21.650	.64294	334.09	5.9429

#1	.00005	.01163	.00112	.00206	306.49	.00013	-.00095
#2	.00009	-.02460	.00104	.00134	302.59	-.00010	-.00106
#3	.00004	-.01159	.00112	.00163	304.87	-.00017	-.00103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00711	.00010	.00226	F -.02043	.00462	-.00051	-.00169
Stddev	.04265	.00029	.01171	.00165	.00211	.00030	.00208
%RSD	599.56	297.28	518.64	8.0978	45.723	58.563	123.21

#1	.02117	.00040	-.01038	-.01872	.00544	-.00056	-.00023
#2	.04096	.00005	.00442	-.02054	.00619	-.00078	-.00407
#3	-.04079	-.00017	.01274	-.02202	.00222	-.00019	-.00076

Sample Name: PB119276TB Acquired: 4/29/2019 13:38:19 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00327	-0.0031	-0.00000	5.5036	<.00000
Stddev	.00177	.0009	.00002	.1754	53.027
%RSD	54.089	29.25	460.51	3.1868	40.749

#1	-0.00482	-0.0022	-0.00003	5.3048	-149.66
#2	-0.00365	-0.0040	-0.00001	5.5693	-70.109
#3	-0.00134	-0.0033	.00002	5.6366	-170.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4359.3	56575.	5311.9	70.978	4504.2
Stddev	13.2	260.	41.3	2.529	12.7
%RSD	.30204	.46022	.77777	3.5627	.28264

#1	4344.5	56320.	5281.6	68.967	4489.5
#2	4363.6	56564.	5295.2	70.150	4511.8
#3	4369.8	56840.	5359.0	73.817	4511.3

Sample Name: K2578-02 Acquired: 4/29/2019 13:42:56 Type: Unk
Method: P4-ICP2(v3075) 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	-.00225	-.00404	.00758	.00228	-.00049	.09274	.15213
Stddev	.00262	.00080	.00037	.00110	.00113	.00779	.00070
%RSD	116.74	19.910	4.8198	48.298	230.75	8.3949	.45754

#1	-.00168	-.00356	.00718	.00267	-.00098	.10059	.15263
#2	-.00511	-.00359	.00765	.00104	.00080	.08502	.15244
#3	.00005	-.00497	.00791	.00313	-.00129	.09262	.15134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00027	11.674	.00059	.00084	.01135	.22035
Stddev	.00006	.00002	.043	.00033	.00023	.00048	.00093
%RSD	48.346	8.5432	.37128	55.754	27.658	4.2481	.42375

#1	-.00019	.00028	11.625	.00090	.00071	.01082	.22046
#2	-.00008	.00025	11.705	.00063	.00071	.01149	.21936
#3	-.00009	.00029	11.694	.00025	.00111	.01175	.22122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03977	.70458	.00330	-.00011	527.74	.00036	.10753
Stddev	.00033	.04322	.00005	.00005	2.11	.00023	.00086
%RSD	.81827	6.1339	1.5129	46.922	.40030	63.754	.79716

#1	.03939	.71275	.00325	-.00016	530.08	.00049	.10662
#2	.03991	.74313	.00330	-.00008	525.97	.00051	.10766
#3	.03999	.65786	.00335	-.00007	527.19	.00010	.10832

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6996	.00068	.03848	2.5068	.63520	-.00117	.00273
Stddev	.0322	.00010	.00533	.0175	.00514	.00038	.00142
%RSD	.86981	15.297	13.859	.69946	.80866	32.754	52.238

#1	3.6840	.00066	.04444	2.4875	.62941	-.00150	.00154
#2	3.7367	.00079	.03684	2.5218	.63920	-.00125	.00431
#3	3.6783	.00059	.03416	2.5110	.63698	-.00075	.00233

Sample Name: K2578-02 Acquired: 4/29/2019 13:42:56 Type: Unk
Method: P4-ICP2(v3075) 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	.00512	.1810	.14014	5.5661	F<.00000
Stddev	.00122	.0019	.00065	.2057	140.65
%RSD	23.717	1.058	.46068	3.6962	31.584

#1	.00651	.1798	.13939	5.7726	-361.70
#2	.00462	.1801	.14056	5.5645	-366.56
#3	.00424	.1832	.14046	5.3611	-607.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4241.6	54832.	5272.4	70.719	4320.5
Stddev	18.6	197.	5.2	1.549	18.4
%RSD	.43876	.35893	.09870	2.1897	.42659

#1	4258.4	54613.	5272.5	68.983	4335.2
#2	4244.8	54889.	5277.5	71.958	4326.4
#3	4221.6	54994.	5267.1	71.217	4299.8

Sample Name: K2583-01 Acquired: 4/29/2019 13:47:25 Type: Unk
Method: P4-ICP2(v3075) 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	-.00077	-.00355	-.00018	.00308	.00248	-.01337	.02463	-.00013
Stddev	.00107	.00080	.00072	.00198	.00074	.01141	.00054	.00004
%RSD	140.08	22.640	407.40	64.472	29.649	85.361	2.1857	30.167
#1	.00045	-.00290	-.00040	.00535	.00189	-.02401	.02525	-.00014
#2	-.00117	-.00330	-.00077	.00174	.00225	-.01478	.02435	-.00015
#3	-.00158	-.00445	.00063	.00214	.00330	-.00132	.02430	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	1.6979	-.00004	.00004	.01341	.93176	.05102	.53360
Stddev	.00006	.0163	.00025	.00023	.00038	.00190	.00006	.01230
%RSD	37.228	.95966	616.00	517.67	2.8510	.20424	.10987	2.3056
#1	-.00020	1.6807	-.00034	.00012	.01297	.93000	.05098	.52276
#2	-.00017	1.7001	.00010	.00023	.01360	.93150	.05108	.53107
#3	-.00009	1.7131	.00011	-.00022	.01367	.93378	.05099	.54697
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	-.00010	5.7077	.00025	.02816	80.865	.00210	.03457
Stddev	.00010	.00010	.0893	.00033	.00020	.637	.00022	.01785
%RSD	2.3299	97.789	1.5644	131.11	.70653	.78713	10.387	51.636
#1	.00430	.00001	5.6829	.00058	.02839	80.426	.00221	.05480
#2	.00416	-.00012	5.6333	-.00009	.02807	80.574	.00224	.02788
#3	.00411	-.00018	5.8067	.00028	.02802	81.595	.00185	.02103
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30570	.27127	.00192	-.00243	-.00403	F 23.60	.00648	2.9547
Stddev	.00391	.00055	.00057	.00199	.00126	.04	.00005	.2775
%RSD	1.2777	.20383	29.572	81.835	31.322	.1895	.81728	9.3929
#1	.30808	.27127	.00137	-.00013	-.00548	23.65	.00654	3.1632
#2	.30120	.27182	.00250	-.00353	-.00317	23.58	.00645	3.0612
#3	.30784	.27071	.00188	-.00362	-.00345	23.56	.00646	2.6397

Sample Name: K2583-01 Acquired: 4/29/2019 13:47:25 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 347.59
Stddev	85.43
%RSD	24.577

#1	435.70
#2	341.95
#3	265.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4596.0	61011.	5484.3	72.535	5063.9
Stddev	10.5	22.	65.9	.961	16.8
%RSD	.22909	.03594	1.2017	1.3254	.33207

#1	4587.1	60988.	5427.4	71.470	5047.1
#2	4593.3	61012.	5468.9	73.339	5063.9
#3	4607.7	61032.	5556.5	72.796	5080.7

Sample Name: K2583-01DUP Acquired: 4/29/2019 13:51:49 Type: Unk
Method: P4-ICP2(v3075) 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	-.00399	-.00328	-.00036	.00119	.00250	-.01139	.02375	-.00013
Stddev	.00238	.00131	.00041	.00279	.00030	.00507	.00037	.00004
%RSD	59.506	39.908	113.35	233.86	12.137	44.492	1.5697	27.956
#1	-.00564	-.00421	-.00017	.00396	.00216	-.00590	.02336	-.00013
#2	-.00127	-.00384	-.00083	.00125	.00273	-.01238	.02410	-.00017
#3	-.00507	-.00178	-.00008	-.00162	.00261	-.01589	.02380	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	1.6334	.00023	.00009	.01319	.93123	.05074	.52068
Stddev	.00011	.0647	.00014	.00019	.00010	.00360	.00032	.01639
%RSD	76.086	3.9610	59.575	223.71	.74230	.38691	.63733	3.1485
#1	-.00008	1.6739	.00015	-.00007	.01328	.93367	.05111	.50862
#2	-.00026	1.5588	.00015	.00003	.01309	.93292	.05049	.51407
#3	-.00008	1.6675	.00039	.00030	.01319	.92709	.05062	.53934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	.00013	5.6314	.00039	.02754	80.876	.00233	.01949
Stddev	.00023	.00051	.0215	.00034	.00005	.659	.00004	.00380
%RSD	5.3903	400.71	.38230	88.125	.16471	.81445	1.7152	19.516
#1	.00419	-.00043	5.6561	.00008	.02756	81.573	.00232	.01788
#2	.00404	.00057	5.6165	.00075	.02756	80.264	.00237	.01676
#3	.00449	.00023	5.6217	.00033	.02748	80.791	.00229	.02384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29903	.26577	.00140	-.00088	-.00476	F 23.31	.00629	1.7160
Stddev	.00254	.00799	.00028	.00191	.00135	.07	.00024	.1780
%RSD	.85039	3.0070	20.021	218.71	28.413	.2985	3.8650	10.372
#1	.29691	.27058	.00147	.00126	-.00446	23.36	.00649	1.5306
#2	.30185	.25655	.00164	-.00243	-.00624	23.34	.00602	1.8855
#3	.29833	.27019	.00109	-.00146	-.00359	23.23	.00636	1.7320

Sample Name: K2583-01DUP Acquired: 4/29/2019 13:51:49 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 418.01
Stddev 66.40
%RSD 15.884

#1 397.51
#2 364.28
#3 492.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4596.1	60236.	5528.9	73.260	5069.9
Stddev	8.7	269.	159.8	1.220	8.0
%RSD	.18879	.44670	2.8900	1.6647	.15768

#1	4606.0	59926.	5442.6	72.313	5069.7
#2	4589.7	60375.	5713.3	74.636	5062.0
#3	4592.6	60407.	5430.8	72.832	5078.0

Sample Name: K2583-01LX5 Acquired: 4/29/2019 13:56:12 Type: Unk
Method: P4-ICP2(v3075) 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	-.00155	-.00106	-.00003	.00131	.00034	-.01734	.00486	-.00006
Stddev	.00242	.00033	.00074	.00206	.00045	.01791	.00041	.00005
%RSD	156.10	30.830	2261.0	157.81	132.05	103.30	8.4590	75.535
#1	-.00157	-.00078	-.00076	-.00051	-.00011	.00281	.00440	-.00008
#2	-.00397	-.00099	-.00006	.00355	.00079	-.03144	.00500	-.00001
#3	.00088	-.00142	.00072	.00087	.00035	-.02338	.00519	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.34819	-.00002	-.00008	.00206	.19332	.01058	.12024
Stddev	.00004	.01386	.00016	.00001	.00036	.00103	.00003	.00570
%RSD	35.775	3.9798	803.63	16.563	17.605	.53358	.24119	4.7410
#1	-.00013	.36136	.00012	-.00010	.00243	.19448	.01059	.11806
#2	-.00007	.34947	-.00020	-.00008	.00204	.19297	.01059	.11595
#3	-.00015	.33373	.00002	-.00007	.00171	.19251	.01055	.12670
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	.00007	1.1502	.00005	.00366	16.598	.00010	.00920
Stddev	.00021	.00038	.0154	.00031	.00004	.154	.00035	.00949
%RSD	17.963	514.35	1.3385	659.24	1.1431	.92543	360.35	103.07
#1	.00137	-.00036	1.1328	.00036	.00367	16.430	-.00029	.01805
#2	.00112	.00029	1.1557	-.00027	.00369	16.732	.00039	.01036
#3	.00096	.00029	1.1621	.00005	.00361	16.633	.00019	-.00081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03900	.05683	-.00064	-.00328	-.00350	4.768	.00137	1.3917
Stddev	.00187	.00143	.00055	.00117	.00024	.002	.00009	.5244
%RSD	4.7993	2.5249	85.996	35.578	6.7267	.0483	6.7342	37.677
#1	.03904	.05837	-.00014	-.00390	-.00369	4.765	.00130	.94394
#2	.04085	.05659	-.00123	-.00401	-.00358	4.769	.00147	1.9686
#3	.03711	.05553	-.00056	-.00194	-.00324	4.769	.00134	1.2627

Sample Name: K2583-01LX5 Acquired: 4/29/2019 13:56:12 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 178.84
Stddev	37.90
%RSD	21.193

#1	142.04
#2	176.73
#3	217.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4737.5	61533.	5478.8	74.393	5298.0
Stddev	8.8	130.	35.3	.603	5.2
%RSD	.18515	.21078	.64370	.80989	.09800

#1	4727.4	61647.	5452.6	73.757	5295.0
#2	4743.4	61392.	5464.9	74.468	5295.1
#3	4741.7	61559.	5518.9	74.955	5304.0

Sample Name: K2583-01MS Acquired: 4/29/2019 14:00:38 Type: Unk
Method: P4-ICP2(v3075) 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	.80371	1.8774	.89894	2.3087	.77320	1.8765	.22321	.18360
Stddev	.00497	.0086	.00304	.0156	.00229	.0210	.00216	.00036
%RSD	.61843	.46030	.33787	.67758	.29578	1.1163	.96919	.19475
#1	.80905	1.8839	.90135	2.3248	.77563	1.8681	.22326	.18324
#2	.80287	1.8676	.89553	2.2936	.77109	1.9003	.22534	.18361
#3	.79922	1.8807	.89994	2.3078	.77289	1.8610	.22102	.18395
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18417	2.5503	.40616	.19013	.31262	3.8811	.25022	2.4065
Stddev	.00082	.1038	.00103	.00075	.00010	.0063	.00034	.0111
%RSD	.44787	4.0717	.25459	.39260	.03275	.16159	.13618	.46294
#1	.18498	2.6069	.40538	.19087	.31273	3.8750	.25006	2.4163
#2	.18333	2.6135	.40733	.18938	.31260	3.8808	.25062	2.3944
#3	.18419	2.4304	.40576	.19014	.31253	3.8875	.25000	2.4089
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47803	.06521	8.2152	.30857	.20757	85.723	.42313	.31519
Stddev	.00142	.00053	.0568	.00062	.00093	.514	.00149	.00850
%RSD	.29656	.81974	.69185	.20099	.44630	.59947	.35170	2.6956
#1	.47914	.06572	8.1786	.30829	.20834	85.540	.42393	.32498
#2	.47643	.06466	8.2806	.30928	.20654	86.303	.42141	.30979
#3	.47852	.06524	8.1862	.30814	.20782	85.325	.42404	.31079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28173	1.0716	.63928	.19180	.18842	F 27.18	.19967	3.2904
Stddev	.00472	.0427	.00177	.00723	.00785	.05	.00944	.1634
%RSD	1.6743	3.9800	.27688	3.7687	4.1637	.1901	4.7298	4.9660
#1	.28631	1.1011	.64098	.19550	.19415	27.24	.20501	3.1046
#2	.27689	1.0911	.63745	.19644	.19164	27.15	.20523	3.3547
#3	.28199	1.0227	.63943	.18348	.17948	27.16	.18876	3.4119

Sample Name: K2583-01MS Acquired: 4/29/2019 14:00:38 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 469.61
Stddev 43.91
%RSD 9.3495

#1 454.11
#2 435.56
#3 519.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4513.2	59478.	5399.9	72.227	4993.7
Stddev	10.2	24.	221.7	5.007	15.6
%RSD	.22706	.04117	4.1056	6.9321	.31328

#1	4502.6	59450.	5263.0	67.656	4976.9
#2	4514.0	59494.	5280.9	71.448	4996.5
#3	4523.0	59491.	5655.7	77.578	5007.8

Sample Name: K2583-01MSD Acquired: 4/29/2019 14:04:43 Type: Unk
Method: P4-ICP2(v3075) 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	.80954	1.8869	.90590	2.3365	.77374	1.9064	.22904	.18670
Stddev	.00413	.0033	.00074	.0021	.00009	.1215	.01336	.01102
%RSD	.50993	.17283	.08186	.08969	.01137	6.3740	5.8343	5.9015
#1	.81093	1.8869	.90556	2.3344	.77379	1.8592	.22548	.18327
#2	.80490	1.8902	.90538	2.3365	.77378	2.0444	.24382	.19902
#3	.81279	1.8837	.90675	2.3386	.77363	1.8155	.21781	.17780
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18436	2.6286	.41262	.19094	.31311	3.9548	.25660	2.4827
Stddev	.00018	.0110	.02569	.00028	.00085	.2437	.01589	.1717
%RSD	.09801	.42010	6.2259	.14882	.27252	6.1615	6.1923	6.9144
#1	.18442	2.6358	.40404	.19076	.31230	3.8670	.25160	2.4078
#2	.18416	2.6158	.44150	.19127	.31303	4.2302	.27439	2.6791
#3	.18451	2.6340	.39232	.19080	.31400	3.7672	.24381	2.3612
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48011	.06584	8.3046	.31591	.20876	87.403	.42608	.32527
Stddev	.00081	.00363	.4685	.01826	.00016	4.936	.00079	.01944
%RSD	.16971	5.5145	5.6413	5.7786	.07629	5.6470	.18643	5.9772
#1	.47969	.06464	8.2007	.30915	.20859	86.230	.42624	.33425
#2	.48105	.06992	8.8163	.33658	.20891	92.819	.42522	.33860
#3	.47959	.06296	7.8968	.30200	.20878	83.159	.42678	.30296
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28288	1.0781	.64330	.19578	.18792	F 27.33	.20380	4.1849
Stddev	.00319	.0214	.00165	.00284	.00074	.03	.00075	1.0719
%RSD	1.1282	1.9807	.25721	1.4526	.39454	.1196	.36881	25.615
#1	.28511	1.0601	.64248	.19289	.18724	27.36	.20297	4.0245
#2	.27922	1.1017	.64521	.19857	.18780	27.32	.20443	5.3279
#3	.28429	1.0726	.64222	.19588	.18871	27.30	.20401	3.2021

Sample Name: K2583-01MSD Acquired: 4/29/2019 14:04:43 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 568.44
Stddev	16.60
%RSD	2.9197

#1	563.34
#2	554.99
#3	586.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4512.6	59620.	5401.8	71.403	4996.8
Stddev	5.1	3141.	23.9	.835	12.5
%RSD	.11280	5.2688	.44259	1.1691	.25077

#1	4510.3	60398.	5427.0	72.331	4986.9
#2	4509.1	56162.	5399.1	70.713	4992.7
#3	4518.5	62298.	5379.4	71.165	5010.9

Sample Name: K2583-01A Acquired: 4/29/2019 14:08:49 Type: Unk
Method: P4-ICP2(v3075) 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	.82279	1.9003	.90999	2.3665	.78244	1.8887	.23101	.18547
Stddev	.00207	.0107	.00664	.0046	.00197	.0269	.00111	.00037
%RSD	.25198	.56345	.72952	.19663	.25220	1.4253	.48237	.19876
#1	.82487	1.8881	.90287	2.3672	.78078	1.9042	.22973	.18561
#2	.82072	1.9081	.91602	2.3707	.78191	1.9042	.23168	.18505
#3	.82278	1.9047	.91108	2.3615	.78462	1.8576	.23163	.18575
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18523	2.6486	.40809	.19227	.31412	3.9103	.25357	2.4341
Stddev	.00070	.0220	.00021	.00031	.00095	.0065	.00043	.0751
%RSD	.37848	.82884	.05109	.16098	.30150	.16732	.17102	3.0863
#1	.18447	2.6720	.40785	.19194	.31311	3.9152	.25405	2.3496
#2	.18586	2.6454	.40822	.19255	.31498	3.9029	.25343	2.4933
#3	.18535	2.6284	.40820	.19234	.31427	3.9129	.25322	2.4595
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48217	.06612	8.2816	.31207	.20963	87.512	.42954	.32083
Stddev	.00206	.00060	.0152	.00113	.00073	.133	.00111	.01025
%RSD	.42685	.90029	.18403	.36184	.34655	.15211	.25818	3.1940
#1	.48003	.06587	8.2989	.31310	.20885	87.387	.42826	.32991
#2	.48413	.06570	8.2705	.31225	.21029	87.497	.43017	.30972
#3	.48236	.06680	8.2752	.31086	.20975	87.652	.43019	.32286
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28554	1.0835	.64641	.19832	.19013	F 27.57	.20594	4.5056
Stddev	.00343	.0117	.00390	.00047	.00140	.10	.00037	.2279
%RSD	1.2019	1.0791	.60306	.23750	.73731	.3535	.18142	5.0574
#1	.28336	1.0879	.64208	.19860	.19120	27.47	.20630	4.3593
#2	.28949	1.0703	.64748	.19777	.18855	27.58	.20596	4.7682
#3	.28376	1.0924	.64966	.19858	.19065	27.67	.20555	4.3894

Sample Name: K2583-01A Acquired: 4/29/2019 14:08:49 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 473.79
Stddev 64.22
%RSD 13.554

#1 400.43
#2 519.82
#3 501.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4505.5	60392.	5429.9	74.018	4989.5
Stddev	6.9	232.	23.7	1.055	8.3
%RSD	.15330	.38467	.43598	1.4252	.16629

#1	4500.3	60146.	5414.9	73.170	4994.2
#2	4502.9	60607.	5457.1	75.199	4980.0
#3	4513.3	60422.	5417.5	73.685	4994.5

Sample Name: CCV03 Acquired: 4/29/2019 14:12:54 Type: Unk
Method: P4-ICP2(v3075) 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	5.0616	5.1125	4.9342	5.1855	5.0253	9.7331	10.202	.25159
Stddev	.0173	.0067	.0111	.0118	.0137	.0271	.018	.00023
%RSD	.34073	.13023	.22427	.22730	.27291	.27861	.17961	.08986
#1	5.0551	5.1146	4.9401	5.1897	5.0284	9.7559	10.201	.25175
#2	5.0486	5.1051	4.9215	5.1722	5.0103	9.7031	10.221	.25134
#3	5.0812	5.1179	4.9411	5.1946	5.0372	9.7402	10.185	.25169
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4472	25.090	.98818	2.4893	1.2454	4.9752	2.5258	24.992
Stddev	.0006	.050	.00154	.0027	.0002	.0083	.0007	.187
%RSD	.02314	.19952	.15616	.10736	.01912	.16755	.02774	.74749
#1	2.4477	25.096	.98682	2.4881	1.2457	4.9661	2.5251	25.002
#2	2.4466	25.137	.98787	2.4875	1.2452	4.9768	2.5265	24.801
#3	2.4472	25.037	.98986	2.4924	1.2453	4.9826	2.5257	25.174
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4965	1.2380	25.167	2.4930	2.4948	25.450	5.1199	5.0908
Stddev	.0011	.0013	.067	.0002	.0031	.028	.0025	.0121
%RSD	.04532	.10454	.26577	.00980	.12541	.10833	.04951	.23668
#1	2.4966	1.2395	25.164	2.4928	2.4935	25.456	5.1191	5.0781
#2	2.4953	1.2372	25.235	2.4931	2.4927	25.475	5.1180	5.1021
#3	2.4976	1.2372	25.102	2.4933	2.4984	25.421	5.1228	5.0921
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0391	4.7431	5.0005	4.9938	4.7637	5.087	5.0423	4.9054
Stddev	.0225	.0293	.0010	.0200	.0468	.018	.0424	.0582
%RSD	.44605	.61709	.01967	.40133	.98208	.3503	.84100	1.1872
#1	5.0364	4.7413	5.0001	5.0043	4.7703	5.102	5.0372	4.8448
#2	5.0181	4.7732	4.9997	5.0065	4.8069	5.067	5.0871	4.9609
#3	5.0628	4.7148	5.0016	4.9707	4.7140	5.090	5.0028	4.9104

Sample Name: CCV03 Acquired: 4/29/2019 14:12:54 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 96.838
Stddev 41.622
%RSD 42.981

#1 51.493
#2 133.30
#3 105.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4591.4	60060.	5519.6	73.261	4705.4
Stddev	17.6	103.	34.8	1.831	14.9
%RSD	.38300	.17150	.62997	2.4995	.31742

#1	4579.2	59945.	5515.7	74.025	4696.9
#2	4583.3	60143.	5487.0	71.171	4696.5
#3	4611.5	60094.	5556.2	74.586	4722.6

Sample Name: CCB03 Acquired: 4/29/2019 14:16:52 Type: Unk
Method: P4-ICP2(v3075) 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	.00135	.00024	-.00087	.00272	.00053	-.02286	.00143
Stddev	.00185	.00095	.00026	.00153	.00122	.00397	.00048
%RSD	136.64	397.32	29.842	56.176	232.56	17.348	33.768

#1	.00112	.00081	-.00111	.00140	.00144	-.01994	.00166
#2	-.00037	.00077	-.00089	.00440	-.00086	-.02737	.00176
#3	.00331	-.00086	-.00060	.00237	.00100	-.02126	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00012	.00052	.00003	-.00005	-.00049	-.00018
Stddev	.00002	.00005	.01348	.00008	.00014	.00017	.00066
%RSD	21.980	40.575	2607.6	241.26	257.94	33.663	362.33

#1	-.00010	-.00015	-.01214	.00012	.00002	-.00035	.00055
#2	-.00014	-.00014	-.00101	.00003	-.00022	-.00067	-.00074
#3	-.00009	-.00006	.01470	-.00005	.00003	-.00045	-.00035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.02950	.00067	.00025	-.06560	-.00025	-.00275
Stddev	.00004	.02334	.00027	.00023	.00758	.00018	.00007
%RSD	1246.6	79.111	39.851	93.362	11.550	69.502	2.3851

#1	.00004	-.05151	.00079	.00005	-.06610	-.00046	-.00276
#2	-.00003	-.03195	.00037	.00050	-.05778	-.00014	-.00268
#3	-.00003	-.00503	.00086	.00018	-.07291	-.00017	-.00281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01422	.00021	-.00844	F -.02446	-.00005	-.00026	-.00206
Stddev	.00662	.00006	.00606	.00210	.00073	.00072	.00051
%RSD	46.553	30.052	71.815	8.5820	1350.5	273.13	24.846

#1	-.01828	.00028	-.01255	-.02453	.00041	.00023	-.00259
#2	-.01780	.00015	-.00148	-.02232	.00032	.00007	-.00157
#3	-.00658	.00021	-.01127	-.02652	-.00090	-.00109	-.00203

Sample Name: CCB03 Acquired: 4/29/2019 14:16:52 Type: Unk
 Method: P4-ICP2(v3075) 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	-.00441	-.0025	.00015	F 3.1096	F 126.57
Stddev	.00182	.0006	.00006	.1698	15.79
%RSD	41.270	25.30	42.095	5.4593	12.476
#1	-.00651	-.0027	.00022	3.2880	137.65
#2	-.00325	-.0018	.00009	3.0908	108.49
#3	-.00348	-.0030	.00014	2.9500	133.58
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4802.9	62725.	5580.4	75.767	5388.4
Stddev	9.7	104.	21.5	.792	10.3
%RSD	.20295	.16606	.38545	1.0450	.19065
#1	4796.8	62814.	5605.3	74.967	5387.4
#2	4797.7	62751.	5569.0	76.550	5378.6
#3	4814.1	62611.	5567.1	75.783	5399.1

Sample Name: K2583-02 Acquired: 4/29/2019 14:21:20 Type: Unk
Method: P4-ICP2(v3075) 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	-.01385	-.00474	-.01174	.02315	.00093	.59293	.11621
Stddev	.00081	.00019	.00083	.00075	.00080	.01763	.00095
%RSD	5.8761	4.0289	7.0433	3.2554	85.183	2.9739	.81328

#1	-.01429	-.00469	-.01207	.02376	.00141	.57322	.11557
#2	-.01435	-.00496	-.01235	.02339	.00002	.59837	.11730
#3	-.01291	-.00459	-.01080	.02231	.00138	.60721	.11577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00022	62.751	-.00655	.01772	.06489	81.320
Stddev	.00005	.00010	.253	.00017	.00027	.00093	.412
%RSD	2.2294	45.758	.40337	2.6611	1.5499	1.4395	.50722

#1	.00221	-.00015	62.620	-.00637	.01790	.06403	80.975
#2	.00214	-.00018	62.591	-.00657	.01786	.06589	81.207
#3	.00223	-.00034	63.043	-.00672	.01741	.06476	81.777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9721	7.7247	.01974	-.00182	342.13	.00062	6.5301
Stddev	.0292	.1171	.00035	.00030	4.40	.00042	.0078
%RSD	.98153	1.5157	1.7878	16.343	1.2866	67.965	.11876

#1	2.9386	7.6173	.01982	-.00194	337.54	.00019	6.5224
#2	2.9915	7.7072	.02004	-.00203	342.54	.00064	6.5299
#3	2.9862	7.8495	.01935	-.00148	346.31	.00103	6.5379

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.257	-.00215	.34232	F 12.480	4.4661	-.00279	-.00284
Stddev	.121	.00019	.01108	.034	.0237	.00059	.00107
%RSD	.85032	8.9440	3.2369	.27225	.53038	21.045	37.505

#1	14.117	-.00196	.35175	12.475	4.4599	-.00331	-.00257
#2	14.319	-.00235	.34510	12.517	4.4460	-.00215	-.00402
#3	14.333	-.00214	.33012	12.449	4.4922	-.00292	-.00194

Sample Name: K2583-02 Acquired: 4/29/2019 14:21:20 Type: Unk
Method: P4-ICP2(v3075) 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	.09443	.0293	.41596	4.3770	F<.00000
Stddev	.00250	.0013	.00139	.1538	206.36
%RSD	2.6487	4.479	.33478	3.5150	55.193
#1	.09421	.0299	.41611	4.1997	-196.39
#2	.09205	.0278	.41450	4.4761	-600.31
#3	.09704	.0301	.41728	4.4551	-324.95
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4304.0	56392.	5356.6	68.890	4354.8
Stddev	14.5	272.	22.2	2.355	9.8
%RSD	.33575	.48299	.41493	3.4182	.22451
#1	4287.8	56706.	5343.8	66.183	4343.8
#2	4315.5	56245.	5382.3	70.019	4362.6
#3	4308.8	56225.	5343.8	70.468	4357.8

Sample Name: K2598-01 Acquired: 4/29/2019 14:25:57 Type: Unk
Method: P4-ICP2(v3075) 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	-.00403	-.00283	-.00394	.01025	.00177	.04701	.14132
Stddev	.00154	.00084	.00121	.00203	.00164	.00629	.00106
%RSD	38.255	29.604	30.639	19.804	92.697	13.391	.74825

#1	-.00566	-.00205	-.00533	.00889	.00102	.04883	.14246
#2	-.00260	-.00272	-.00334	.01259	.00366	.04000	.14037
#3	-.00383	-.00372	-.00315	.00929	.00065	.05219	.14113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	-.00114	10.001	-.00180	.00170	.03081	31.641
Stddev	.00004	.00002	.625	.00037	.00023	.00042	.039
%RSD	7.1445	1.8696	6.2531	20.672	13.534	1.3534	.12303

#1	.00056	-.00112	10.723	-.00217	.00186	.03104	31.608
#2	.00060	-.00115	9.6274	-.00181	.00144	.03033	31.631
#3	.00065	-.00116	9.6521	-.00143	.00181	.03107	31.684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09007	2.5863	.03100	-.00074	272.94	.00068	.03425
Stddev	.00076	.0353	.00035	.00032	1.16	.00049	.00026
%RSD	.84666	1.3644	1.1392	43.520	.42417	72.136	.76511

#1	.08935	2.6028	.03137	-.00037	271.73	.00125	.03405
#2	.09087	2.6102	.03067	-.00097	274.04	.00041	.03455
#3	.08999	2.5457	.03096	-.00088	273.05	.00038	.03416

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46617	.00418	.03534	1.1451	.41156	-.00063	-.00006
Stddev	.02639	.00013	.01557	.0027	.02537	.00050	.00272
%RSD	5.6617	3.0710	44.063	.23793	6.1631	79.256	4852.0

#1	.43829	.00404	.01751	1.1455	.44036	-.00021	-.00304
#2	.49076	.00429	.04223	1.1476	.40178	-.00050	.00057
#3	.46947	.00422	.04628	1.1422	.39254	-.00119	.00230

Sample Name: K2598-01 Acquired: 4/29/2019 14:25:57 Type: Unk
Method: P4-ICP2(v3075) 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	.00045	.1347	.00321	4.1974	F<.00000
Stddev	.00298	.0011	.00234	.1846	59.061
%RSD	658.37	.7947	72.959	4.3988	11.487

#1	.00315	.1358	.00591	4.2420	-461.59
#2	.00096	.1336	.00182	3.9945	-578.07
#3	-.00275	.1347	.00189	4.3556	-502.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.9	57243.	5185.0	68.761	4564.1
Stddev	12.3	42.	280.4	2.765	15.5
%RSD	.27916	.07341	5.4073	4.0206	.33945

#1	4403.2	57200.	4862.2	65.725	4547.0
#2	4427.0	57284.	5324.4	71.133	4568.2
#3	4420.7	57245.	5368.3	69.425	4577.2

Sample Name: K2598-01DUP Acquired: 4/29/2019 14:30:31 Type: Unk
Method: P4-ICP2(v3075) 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	-.00279	-.00199	-.00349	.01152	.00125	.04565	.14114
Stddev	.00193	.00043	.00063	.00132	.00084	.01565	.00103
%RSD	69.375	21.501	17.961	11.495	67.187	34.288	.72893

#1	-.00450	-.00202	-.00415	.01292	.00174	.03486	.14102
#2	-.00318	-.00155	-.00340	.01029	.00028	.06361	.14018
#3	-.00069	-.00241	-.00291	.01133	.00172	.03849	.14223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00109	9.6702	-.00186	.00166	.03185	31.904
Stddev	.00002	.00000	.0433	.00027	.00011	.00035	.066
%RSD	2.8235	.28892	.44740	14.683	6.4804	1.1078	.20774

#1	.00057	-.00109	9.6261	-.00172	.00177	.03163	31.838
#2	.00059	-.00109	9.6718	-.00217	.00166	.03226	31.971
#3	.00056	-.00109	9.7126	-.00168	.00155	.03167	31.902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09015	2.5720	.03073	-.00027	273.50	.00095	.03390
Stddev	.00029	.0155	.00011	.00010	1.73	.00026	.00011
%RSD	.32336	.60201	.35159	38.835	.63201	27.838	.32409

#1	.09048	2.5546	.03083	-.00033	271.62	.00125	.03380
#2	.09000	2.5773	.03061	-.00015	273.87	.00086	.03402
#3	.08996	2.5842	.03073	-.00032	275.02	.00074	.03388

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44346	.00406	.03840	1.1435	.39904	-.00071	-.00072
Stddev	.05425	.00024	.00934	.0050	.00181	.00043	.00108
%RSD	12.234	5.8121	24.331	.43996	.45239	60.523	149.77

#1	.41534	.00419	.04811	1.1434	.39893	-.00021	-.00077
#2	.40903	.00421	.03760	1.1486	.40090	-.00094	.00038
#3	.50600	.00379	.02948	1.1386	.39730	-.00097	-.00177

Sample Name: K2598-01DUP Acquired: 4/29/2019 14:30:31 Type: Unk
Method: P4-ICP2(v3075) 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	.00131	.1370	.00181	4.2758	F<.00000
Stddev	.00257	.0004	.00013	.2052	22.907
%RSD	197.00	.2762	7.3514	4.7997	4.8008
#1	-.00163	.1371	.00171	4.0743	-502.00
#2	.00318	.1373	.00175	4.4846	-472.53
#3	.00237	.1365	.00196	4.2683	-456.89
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4363.4	55907.	5222.9	69.825	4500.0
Stddev	9.5	210.	12.4	1.026	13.1
%RSD	.21658	.37647	.23776	1.4693	.29175
#1	4355.6	55945.	5229.4	70.825	4489.5
#2	4360.8	56096.	5208.6	68.775	4495.9
#3	4373.9	55680.	5230.8	69.875	4514.7

Sample Name: K2598-01LX5 Acquired: 4/29/2019 14:35:03 Type: Unk
Method: P4-ICP2(v3075) 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	.00020	-.00010	-.00104	.00332	.00029	-.00233	.02545
Stddev	.00185	.00071	.00076	.00050	.00127	.01582	.00053
%RSD	918.00	703.34	73.053	14.987	432.26	679.25	2.0686

#1	-.00126	-.00014	-.00157	.00274	-.00083	-.02051	.02604
#2	.00228	-.00079	-.00136	.00363	.00167	.00519	.02530
#3	-.00042	.00063	-.00017	.00357	.00004	.00833	.02502

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00037	1.8383	-.00053	.00036	.00561	6.0971
Stddev	.00003	.00006	.0064	.00024	.00008	.00029	.0064
%RSD	77.048	16.893	.34977	45.639	22.643	5.1020	.10546

#1	.00004	-.00033	1.8332	-.00026	.00027	.00528	6.0906
#2	.00006	-.00035	1.8361	-.00059	.00043	.00582	6.0973
#3	.00001	-.00045	1.8455	-.00074	.00038	.00573	6.1034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01712	.46690	.00544	-.00027	50.287	.00053	.00405
Stddev	.00009	.02262	.00027	.00022	.134	.00036	.00001
%RSD	.54843	4.8457	5.0458	80.473	.26565	68.886	.24879

#1	.01710	.44080	.00532	-.00052	50.220	.00075	.00407
#2	.01704	.48093	.00525	-.00013	50.441	.00073	.00405
#3	.01722	.47897	.00576	-.00016	50.201	.00011	.00405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04443	.00043	.01241	.18189	.07967	-.00169	-.00143
Stddev	.04476	.00025	.02102	.00386	.00285	.00015	.00089
%RSD	100.74	58.180	169.35	2.1247	3.5720	9.0513	62.069

#1	.09611	.00020	.02666	.17883	.08292	-.00158	-.00058
#2	.01977	.00039	-.01173	.18062	.07845	-.00186	-.00235
#3	.01742	.00070	.02232	.18624	.07763	-.00161	-.00136

Sample Name: K2598-01LX5 Acquired: 4/29/2019 14:35:03 Type: Unk
 Method: P4-ICP2(v3075) 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	-.00090	.0203	.00021	2.8373	F<.00000
Stddev	.00043	.0004	.00011	.0987	87.102
%RSD	48.173	2.072	52.829	3.4802	147.35

#1	-.00059	.0208	.00012	2.8537	36.266
#2	-.00139	.0200	.00018	2.9269	-79.154
#3	-.00072	.0200	.00033	2.7314	-134.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4648.8	59734.	5329.9	69.575	4977.7
Stddev	4.8	136.	7.0	1.378	1.7
%RSD	.10345	.22841	.13122	1.9806	.03322

#1	4643.5	59594.	5324.1	68.232	4978.8
#2	4652.9	59742.	5328.0	69.505	4978.6
#3	4649.9	59867.	5337.6	70.986	4975.8

Sample Name: K2545-02 Acquired: 4/29/2019 14:39:29 Type: Unk
Method: P4-ICP2(v3075) 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	.00180	-.00007	-.00049	.00112	-.00039	.10000	.00215	-.00007
Stddev	.00144	.00059	.00065	.00170	.00256	.01434	.00045	.00003
%RSD	80.210	812.20	133.14	152.50	652.25	14.342	20.902	41.616

#1	.00052	.00060	-.00075	-.00084	-.00173	.08371	.00189	-.00010
#2	.00151	-.00038	-.00098	.00229	-.00200	.10553	.00189	-.00009
#3	.00337	-.00044	.00025	.00190	.00256	.11074	.00267	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	3.5016	.01885	.00018	.00108	.08884	.00214	.22175
Stddev	.00001	.0120	.00046	.00013	.00005	.00193	.00004	.03405
%RSD	14.830	.34286	2.4630	73.858	5.0730	2.1670	1.9162	15.355

#1	-.00011	3.4881	.01882	.00032	.00104	.08663	.00210	.18446
#2	-.00008	3.5057	.01933	.00007	.00114	.08973	.00214	.22959
#3	-.00010	3.5111	.01840	.00014	.00105	.09016	.00218	.25120

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00005	15.999	.00756	-.00005	1.1522	.01031	.00766
Stddev	.00016	.00023	.096	.00071	.00008	.0281	.00028	.01797
%RSD	23.062	436.41	.59805	9.4227	165.39	2.4390	2.7578	234.69

#1	.00090	-.00004	15.890	.00742	-.00013	1.1319	.01007	.00636
#2	.00060	.00017	16.038	.00833	-.00001	1.1404	.01063	.02625
#3	.00064	-.00028	16.070	.00693	.00001	1.1843	.01025	-.00963

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2253	1.5066	-.00231	-.00084	-.00311	.0011	.01124	2.1596
Stddev	.0121	.0088	.00007	.00052	.00109	.0018	.00005	.1507
%RSD	.54322	.58219	3.1298	62.231	35.094	173.1	.48237	6.9775

#1	2.2256	1.5025	-.00240	-.00118	-.00280	.0031	.01130	2.1013
#2	2.2372	1.5006	-.00229	-.00110	-.00221	-.0003	.01122	2.3308
#3	2.2130	1.5167	-.00226	-.00024	-.00432	.0004	.01119	2.0468

Sample Name: K2545-02 Acquired: 4/29/2019 14:39:29 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 63.862
Stddev 41.372
%RSD 64.783

#1 100.98
#2 71.356
#3 19.255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4814.6	61808.	5532.1	77.559	5348.6
Stddev	7.3	114.	25.8	1.620	4.7
%RSD	.15217	.18431	.46564	2.0884	.08743

#1	4811.4	61718.	5502.4	77.956	5353.0
#2	4823.0	61770.	5547.7	75.777	5349.2
#3	4809.5	61936.	5546.3	78.943	5343.7

Sample Name: K2545-02LX5 Acquired: 4/29/2019 14:43:53 Type: Unk
Method: P4-ICP2(v3075) 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	.00021	.00001	-.00056	.00117	-.00081	.00993	.00140	-.00012
Stddev	.00146	.00035	.00018	.00061	.00115	.01688	.00084	.00005
%RSD	703.32	5543.2	31.168	51.791	142.79	169.96	60.134	42.461
#1	.00152	.00036	-.00060	.00060	-.00201	-.00946	.00231	-.00011
#2	.00047	-.00001	-.00072	.00110	-.00071	.01792	.00064	-.00018
#3	-.00137	-.00033	-.00037	.00181	.00029	.02135	.00125	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.79651	.00429	.00004	-.00022	.01938	.00050	.03610
Stddev	.00002	.00904	.00013	.00006	.00018	.00091	.00003	.03220
%RSD	15.469	1.1354	3.1171	152.31	78.934	4.6838	5.3713	89.186
#1	-.00008	.78637	.00440	.00007	-.00039	.01841	.00052	.03231
#2	-.00012	.79939	.00414	.00009	-.00023	.01952	.00052	.00597
#3	-.00010	.80375	.00433	-.00003	-.00004	.02021	.00047	.07003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00009	3.5849	.00213	-.00214	.21210	.00212	-.00411
Stddev	.00049	.00037	.0100	.00019	.00001	.05130	.00025	.01568
%RSD	85.190	431.84	.28019	9.0897	.47335	24.186	11.714	381.31
#1	.00113	-.00015	3.5873	.00195	-.00212	.22908	.00240	.00891
#2	.00020	-.00042	3.5936	.00234	-.00214	.25277	.00196	.00027
#3	.00040	.00031	3.5739	.00211	-.00214	.15447	.00199	-.02152
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47822	.33405	-.00197	-.00088	-.00456	-.0017	.00259	3.2410
Stddev	.00074	.00282	.00039	.00115	.00122	.0014	.00008	.1105
%RSD	.15411	.84526	19.853	130.98	26.795	83.15	2.9494	3.4101
#1	.47783	.33094	-.00160	.00037	-.00569	-.0019	.00252	3.3616
#2	.47907	.33476	-.00193	-.00112	-.00473	-.0031	.00267	3.1445
#3	.47775	.33645	-.00238	-.00190	-.00326	-.0002	.00257	3.2169

Sample Name: K2545-02LX5 Acquired: 4/29/2019 14:43:53 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 145.01
Stddev 57.16
%RSD 39.415

#1 154.13
#2 197.05
#3 83.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4741.2	61908.	5476.9	74.675	5318.9
Stddev	2.8	46.	6.9	1.217	8.7
%RSD	.05995	.07442	.12635	1.6293	.16401

#1	4741.6	61922.	5473.9	75.892	5312.4
#2	4743.9	61857.	5472.0	74.675	5328.8
#3	4738.2	61946.	5484.8	73.458	5315.4

Sample Name: K2545-02DUP Acquired: 4/29/2019 14:48:20 Type: Unk
Method: P4-ICP2(v3075) 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	.00063	-.00046	-.00036	.00144	-.00040	.09840	.00291	-.00008
Stddev	.00052	.00057	.00092	.00024	.00067	.00388	.00012	.00007
%RSD	82.364	123.23	255.07	16.632	167.33	3.9413	4.0834	93.339
#1	.00054	-.00021	-.00141	.00150	.00037	.09579	.00278	-.00010
#2	.00017	-.00112	.00034	.00117	-.00070	.09655	.00300	-.00013
#3	.00120	-.00007	-.00002	.00164	-.00086	.10286	.00294	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	3.5114	.01885	.00003	.00131	.08647	.00217	.20582
Stddev	.00005	.0198	.00013	.00008	.00010	.00208	.00005	.01831
%RSD	33.736	.56493	.67193	272.86	7.5993	2.4062	2.1945	8.8957
#1	-.00012	3.4916	.01884	.00010	.00121	.08885	.00220	.22668
#2	-.00021	3.5313	.01898	-.00005	.00133	.08504	.00219	.19241
#3	-.00012	3.5112	.01873	.00004	.00140	.08550	.00211	.19837
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00015	15.993	.00768	-.00025	1.1675	.01052	.01183
Stddev	.00019	.00006	.095	.00019	.00008	.0120	.00033	.00400
%RSD	40.027	41.838	.59558	2.4680	29.926	1.0271	3.1642	33.806
#1	.00061	.00020	15.884	.00752	-.00027	1.1539	.01078	.01030
#2	.00026	.00008	16.034	.00762	-.00017	1.1723	.01015	.00883
#3	.00058	.00016	16.061	.00789	-.00031	1.1764	.01064	.01637
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2766	1.4762	-.00271	-.00036	-.00627	.0009	.01129	3.4864
Stddev	.0081	.0101	.00019	.00079	.00120	.0018	.00004	.1596
%RSD	.35793	.68677	6.8681	218.23	19.137	184.7	.31431	4.5788
#1	2.2854	1.4874	-.00258	-.00127	-.00734	.0002	.01132	3.3548
#2	2.2750	1.4676	-.00292	.00015	-.00497	-.0003	.01125	3.6640
#3	2.2694	1.4737	-.00263	.00004	-.00650	.0030	.01129	3.4405

Sample Name: K2545-02DUP Acquired: 4/29/2019 14:48:20 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	89.317
Stddev	63.227
%RSD	70.790

#1	162.24
#2	49.743
#3	55.970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4740.0	61776.	5559.8	77.355	5268.7
Stddev	12.8	205.	17.5	.788	9.2
%RSD	.26979	.33244	.31405	1.0190	.17523

#1	4730.9	62013.	5562.8	77.911	5274.1
#2	4754.6	61671.	5575.5	76.453	5274.1
#3	4734.4	61645.	5541.0	77.701	5258.1

Sample Name: K2545-02MS Acquired: 4/29/2019 14:52:45 Type: Unk
Method: P4-ICP2(v3075) 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	.77575	2.0214	.95392	2.0693	.76678	2.0862	.20269	.20059
Stddev	.00129	.0014	.00577	.0039	.00728	.0311	.00060	.00035
%RSD	.16603	.07056	.60451	.18875	.94923	1.4916	.29557	.17521
#1	.77436	2.0207	.94943	2.0650	.76371	2.1099	.20296	.20048
#2	.77600	2.0204	.95191	2.0705	.76154	2.0976	.20311	.20098
#3	.77690	2.0230	.96042	2.0725	.77509	2.0509	.20200	.20030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19020	4.4821	.41513	.19208	.30764	3.1496	.20446	2.2235
Stddev	.00098	.0805	.00085	.00074	.00156	.0082	.00028	.0501
%RSD	.51742	1.7959	.20522	.38587	.50830	.26050	.13758	2.2543
#1	.18964	4.3900	.41513	.19140	.30614	3.1579	.20438	2.2074
#2	.18962	4.5172	.41598	.19198	.30752	3.1495	.20478	2.2797
#3	.19134	4.5390	.41427	.19287	.30926	3.1415	.20423	2.1835
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48313	.07044	19.168	.30327	.19031	11.117	.39919	.30064
Stddev	.00105	.00038	.070	.00131	.00117	.077	.00170	.02280
%RSD	.21647	.54014	.36502	.43226	.61692	.69141	.42523	7.5843
#1	.48201	.07083	19.122	.30457	.18956	11.203	.39780	.29954
#2	.48328	.07041	19.248	.30329	.18971	11.055	.39870	.27840
#3	.48409	.07007	19.133	.30195	.19166	11.093	.40108	.32397
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3275	2.4978	.64703	.19365	.18298	5.431	.20294	3.4591
Stddev	.0127	.0517	.00511	.00545	.00380	.016	.00352	.2795
%RSD	.54355	2.0714	.79021	2.8169	2.0785	.2923	1.7359	8.0794
#1	2.3274	2.4412	.64527	.18738	.17863	5.424	.19889	3.2883
#2	2.3149	2.5098	.64303	.19732	.18460	5.420	.20469	3.7816
#3	2.3402	2.5426	.65279	.19625	.18570	5.449	.20525	3.3073

Sample Name: K2545-02MS Acquired: 4/29/2019 14:52:45 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 199.30
Stddev	107.29
%RSD	53.832

#1	151.82
#2	322.14
#3	123.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4718.8	60399.	5503.1	74.919	5104.3
Stddev	1.8	236.	97.1	.350	6.8
%RSD	.03864	.39079	1.7647	.46707	.13404

#1	4720.6	60228.	5615.1	74.564	5105.1
#2	4717.0	60300.	5441.5	75.263	5110.8
#3	4719.0	60668.	5452.9	74.930	5097.1

Sample Name: K2545-02MSD Acquired: 4/29/2019 14:56:48 Type: Unk
Method: P4-ICP2(v3075) 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	.75778	1.9765	.93196	2.0311	.75134	2.0388	.19815	.19584
Stddev	.00587	.0050	.00643	.0072	.00298	.0242	.00189	.00014
%RSD	.77472	.25079	.69034	.35584	.39613	1.1867	.95249	.06939
#1	.75756	1.9763	.92981	2.0326	.74878	2.0111	.19619	.19569
#2	.75202	1.9717	.92687	2.0232	.75064	2.0493	.19995	.19587
#3	.76375	1.9816	.93919	2.0375	.75460	2.0559	.19832	.19596
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18631	4.3796	.40854	.18751	.30056	3.0761	.19965	2.1038
Stddev	.00085	.0355	.00146	.00038	.00249	.0070	.00052	.0467
%RSD	.45377	.81105	.35681	.20375	.82784	.22722	.25966	2.2185
#1	.18582	4.3502	.40748	.18737	.30013	3.0711	.19934	2.0499
#2	.18582	4.4190	.41020	.18721	.29831	3.0841	.20024	2.1325
#3	.18728	4.3695	.40794	.18794	.30323	3.0731	.19936	2.1290
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47271	.06830	18.397	.29666	.18596	10.904	.39037	.29224
Stddev	.00114	.00047	.073	.00044	.00065	.128	.00150	.01623
%RSD	.24070	.69416	.39827	.14754	.34726	1.1783	.38476	5.5542
#1	.47334	.06860	18.354	.29634	.18565	10.809	.38981	.28486
#2	.47140	.06775	18.482	.29716	.18553	11.050	.38924	.31085
#3	.47340	.06855	18.355	.29649	.18670	10.851	.39208	.28100
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2286	2.4008	.63200	.18926	.18147	5.303	.20066	2.5625
Stddev	.0111	.0182	.00082	.00239	.00268	.037	.00063	.2418
%RSD	.49968	.75938	.13027	1.2617	1.4793	.7069	.31435	9.4359
#1	2.2337	2.4174	.63203	.18711	.17849	5.313	.19995	2.2912
#2	2.2158	2.3813	.63116	.18883	.18224	5.262	.20089	2.7554
#3	2.2362	2.4038	.63280	.19183	.18369	5.334	.20115	2.6408

Sample Name: K2545-02MSD Acquired: 4/29/2019 14:56:48 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 254.08
Stddev	130.38
%RSD	51.314

#1	313.64
#2	344.05
#3	104.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4766.3	61191.	5541.1	74.948	5164.0
Stddev	11.1	171.	24.2	1.573	9.8
%RSD	.23259	.28020	.43633	2.0994	.19054

#1	4775.6	61185.	5514.1	73.335	5173.7
#2	4769.4	61023.	5560.8	75.028	5164.3
#3	4754.0	61365.	5548.5	76.479	5154.1

Sample Name: K2545-02A Acquired: 4/29/2019 15:00:50 Type: Unk
Method: P4-ICP2(v3075) 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	.84651	2.2116	1.0422	2.2659	.76120	2.2509	.22147	.21921
Stddev	.00454	.0031	.0019	.0084	.00274	.0073	.00138	.00056
%RSD	.53608	.13881	.17895	.37050	.35986	.32362	.62391	.25554
#1	.84438	2.2093	1.0438	2.2724	.75975	2.2593	.22295	.21884
#2	.85172	2.2151	1.0426	2.2687	.76436	2.2471	.22022	.21894
#3	.84343	2.2103	1.0401	2.2564	.75950	2.2463	.22124	.21986
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20850	4.4477	.45509	.21022	.33587	3.4114	.22300	2.3434
Stddev	.00078	.0290	.00093	.00033	.00027	.0006	.00010	.0120
%RSD	.37631	.65290	.20464	.15873	.07908	.01655	.04323	.51152
#1	.20911	4.4800	.45615	.21049	.33604	3.4117	.22305	2.3551
#2	.20762	4.4236	.45471	.20985	.33601	3.4108	.22307	2.3440
#3	.20878	4.4397	.45441	.21033	.33556	3.4119	.22289	2.3311
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52982	.07634	18.718	.33175	.20764	12.028	.39532	.34023
Stddev	.00068	.00056	.031	.00042	.00038	.066	.00130	.00724
%RSD	.12927	.72879	.16809	.12770	.18168	.54889	.32769	2.1269
#1	.52903	.07605	18.716	.33215	.20771	12.104	.39398	.34208
#2	.53025	.07599	18.688	.33131	.20798	11.993	.39541	.34636
#3	.53019	.07698	18.750	.33179	.20723	11.986	.39657	.33225
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2119	2.3734	.64476	.19046	.20183	5.950	.22336	3.1054
Stddev	.0058	.0189	.00081	.00074	.00061	.016	.00106	.1263
%RSD	.26339	.79583	.12558	.38995	.30113	.2635	.47608	4.0661
#1	2.2183	2.3542	.64527	.19038	.20116	5.965	.22292	3.0994
#2	2.2070	2.3739	.64518	.18976	.20235	5.950	.22260	3.2346
#3	2.2103	2.3920	.64383	.19124	.20196	5.934	.22458	2.9822

Sample Name: K2545-02A Acquired: 4/29/2019 15:00:50 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 193.68
 Stddev 28.13
 %RSD 14.526

#1 209.47
 #2 210.38
 #3 161.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4682.6	60076.	5442.3	74.876	5058.9
Stddev	4.0	164.	35.9	1.534	2.6
%RSD	.08562	.27287	.65998	2.0485	.05137

#1	4680.9	60089.	5472.1	73.348	5056.7
#2	4687.2	60233.	5452.3	74.865	5061.8
#3	4679.7	59906.	5402.4	76.415	5058.1

Sample Name: CCV04 Acquired: 4/29/2019 15:10:21 Type: Unk
Method: P4-ICP2(v3075) 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	5.0140	5.1188	4.9502	5.1348	5.0277	10.109	10.279	.25670
Stddev	.0131	.0187	.0105	.0040	.0032	.046	.033	.00016
%RSD	.26029	.36609	.21247	.07821	.06262	.45623	.31840	.06123
#1	5.0021	5.1345	4.9533	5.1371	5.0250	10.056	10.290	.25678
#2	5.0280	5.0980	4.9385	5.1372	5.0312	10.143	10.305	.25652
#3	5.0119	5.1238	4.9589	5.1302	5.0271	10.128	10.242	.25681
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4813	25.456	1.0190	2.4903	1.2453	5.0665	2.5458	25.420
Stddev	.0031	.079	.0009	.0061	.0023	.0081	.0022	.089
%RSD	.12558	.30898	.08536	.24468	.18136	.15974	.08563	.34920
#1	2.4799	25.369	1.0194	2.4956	1.2428	5.0758	2.5472	25.424
#2	2.4792	25.522	1.0196	2.4837	1.2471	5.0631	2.5468	25.507
#3	2.4849	25.477	1.0180	2.4917	1.2461	5.0607	2.5433	25.330
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5186	1.2603	25.696	2.5186	2.4919	25.462	5.0868	5.1535
Stddev	.0036	.0017	.049	.0015	.0048	.060	.0044	.0389
%RSD	.14402	.13757	.19186	.06127	.19350	.23679	.08725	.75507
#1	2.5220	1.2612	25.719	2.5192	2.4943	25.430	5.0882	5.1111
#2	2.5148	1.2583	25.729	2.5198	2.4864	25.532	5.0903	5.1619
#3	2.5191	1.2614	25.639	2.5169	2.4951	25.426	5.0818	5.1875
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0081	4.8795	5.0208	5.0836	5.0221	5.103	5.1496	F 3.1655
Stddev	.0167	.0260	.0108	.0056	.0328	.019	.0254	.1354
%RSD	.33429	.53323	.21426	.11050	.65388	.3672	.49241	4.2784
#1	5.0254	4.9096	5.0296	5.0773	5.0516	5.107	5.1732	3.0921
#2	4.9920	4.8644	5.0088	5.0857	5.0280	5.082	5.1527	3.3217
#3	5.0068	4.8646	5.0240	5.0880	4.9867	5.119	5.1228	3.0825

Sample Name: CCV04 Acquired: 4/29/2019 15:10:21 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 65.897
Stddev 3.367
%RSD 5.1087

#1 68.709
#2 66.816
#3 62.167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4587.1	58232.	5331.6	69.805	4671.8
Stddev	13.6	144.	33.4	2.473	9.8
%RSD	.29735	.24748	.62595	3.5424	.20974

#1	4585.4	58066.	5293.2	67.640	4662.9
#2	4574.4	58323.	5353.7	72.500	4670.3
#3	4601.5	58307.	5348.0	69.275	4682.3

Sample Name: CCB04 Acquired: 4/29/2019 15:14:19 Type: Unk
Method: P4-ICP2(v3075) 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	-.00055	.00003	-.00052	.00191	.00028	-.01935	.00068
Stddev	.00180	.00061	.00058	.00234	.00077	.00553	.00040
%RSD	329.56	2374.7	110.30	122.44	271.26	28.589	58.120

#1	-.00085	.00049	-.00116	.00413	.00000	-.01338	.00032
#2	-.00218	-.00067	-.00039	-.00053	.00116	-.02039	.00062
#3	.00139	.00026	-.00002	.00213	-.00030	-.02430	.00110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00007	-.00009	-.00014	.00001	-.00106	-.00065
Stddev	.00006	.00007	.01431	.00020	.00020	.00039	.00038
%RSD	112.99	91.826	16254.	141.05	2138.6	37.025	58.964

#1	-.00010	-.00002	.00736	-.00026	-.00022	-.00132	-.00022
#2	-.00008	-.00015	.00896	-.00026	.00012	-.00061	-.00079
#3	.00002	-.00005	-.01659	.00009	.00013	-.00125	-.00094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.02843	.00074	-.00004	-.03070	-.00010	-.00189
Stddev	.00003	.03277	.00012	.00037	.01113	.00071	.00003
%RSD	3806.9	115.23	16.283	1003.8	36.263	713.31	1.5006

#1	-.00002	-.06309	.00060	.00005	-.02903	-.00081	-.00187
#2	.00004	-.02426	.00082	.00028	-.02049	-.00010	-.00189
#3	-.00002	.00205	.00079	-.00044	-.04257	.00061	-.00192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05103	.00034	.02007	F -.03090	-.00269	.00017	-.00119
Stddev	.01896	.00026	.00779	.00029	.00043	.00058	.00072
%RSD	37.144	76.228	38.803	.93819	15.940	340.54	60.229

#1	-.04066	.00063	.01517	-.03076	-.00254	-.00003	-.00038
#2	-.07291	.00020	.02905	-.03124	-.00318	.00083	-.00143
#3	-.03953	.00018	.01599	-.03071	-.00236	-.00028	-.00175

Sample Name: CCB04 Acquired: 4/29/2019 15:14:19 Type: Unk
Method: P4-ICP2(v3075) 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	-.00448	-.0022	.00010	F 1.7586	F 49.802
Stddev	.00220	.0005	.00007	.0444	79.024
%RSD	49.155	21.40	71.609	2.5255	158.67
#1	-.00677	-.0020	.00014	1.7997	46.194
#2	-.00428	-.0019	.00002	1.7115	-27.356
#3	-.00238	-.0027	.00014	1.7647	130.57
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4846.9	61699.	5516.6	75.242	5432.8
Stddev	5.5	70.	41.3	1.479	6.8
%RSD	.11345	.11329	.74903	1.9659	.12529
#1	4843.2	61641.	5495.1	73.583	5426.6
#2	4853.2	61679.	5564.3	76.425	5440.1
#3	4844.3	61776.	5490.5	75.717	5431.8

Sample Name: K2598-01MS Acquired: 4/29/2019 15:18:48 Type: Unk
Method: P4-ICP2(v3075) 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	.81165	2.0298	.99821	2.1483	.81476	2.0577	.36119
Stddev	.00599	.0034	.00344	.0091	.00090	.0085	.00166
%RSD	.73792	.16832	.34422	.42353	.11104	.41247	.45860

#1	.80477	2.0261	.99425	2.1379	.81375	2.0669	.35931
#2	.81567	2.0328	.99997	2.1549	.81550	2.0561	.36242
#3	.81451	2.0306	1.0004	2.1522	.81503	2.0501	.36185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20187	.20373	11.230	.41510	.20912	.33790	35.849
Stddev	.00022	.00086	.022	.00145	.00078	.00051	.062
%RSD	.10786	.42139	.19388	.34819	.37137	.14996	.17203

#1	.20170	.20275	11.231	.41346	.20827	.33737	35.787
#2	.20180	.20437	11.252	.41568	.20980	.33837	35.849
#3	.20212	.20405	11.208	.41617	.20927	.33797	35.910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30103	4.7662	.55295	.07097	285.06	.32024	.24532
Stddev	.00046	.0117	.00129	.00032	3.38	.00087	.00038
%RSD	.15325	.24492	.23404	.45508	1.1862	.27050	.15408

#1	.30060	4.7561	.55153	.07067	281.98	.31929	.24489
#2	.30097	4.7790	.55407	.07131	288.67	.32043	.24548
#3	.30152	4.7635	.55325	.07092	284.52	.32099	.24559

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.089	.42943	.35800	1.1701	1.2892	.70476	.20530
Stddev	.087	.00076	.02024	.0091	.0047	.00363	.00146
%RSD	.78682	.17771	5.6535	.78017	.36553	.51482	.71050

#1	10.994	.42860	.38052	1.1598	1.2925	.70142	.20674
#2	11.165	.43010	.34132	1.1771	1.2914	.70862	.20535
#3	11.107	.42960	.35217	1.1734	1.2838	.70423	.20382

Sample Name: K2598-01MS Acquired: 4/29/2019 15:18:48 Type: Unk
 Method: P4-ICP2(v3075) 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	.20192	6.172	.20553	5.8138	F<.00000
Stddev	.00101	.027	.00158	.1636	26.946
%RSD	.49891	.4402	.76690	2.8138	11.795
#1	.20302	6.142	.20657	5.7421	-259.50
#2	.20105	6.194	.20630	5.6983	-214.81
#3	.20168	6.181	.20371	6.0010	-211.07
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4385.5	56616.	5216.7	70.797	4476.4
Stddev	13.7	238.	32.5	1.324	13.4
%RSD	.31145	.42083	.62389	1.8702	.30008
#1	4371.0	56629.	5185.0	70.075	4461.2
#2	4387.7	56371.	5215.0	69.992	4481.4
#3	4398.0	56847.	5250.0	72.325	4486.6

Sample Name: K2598-01MSD Acquired: 4/29/2019 15:23:01 Type: Unk
Method: P4-ICP2(v3075) 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	.81085	2.0315	1.0007	2.1548	.81065	2.0819	.36525
Stddev	.00287	.0026	.0016	.0067	.00159	.0352	.00370
%RSD	.35434	.12677	.16088	.31194	.19580	1.6896	1.0120

#1	.81417	2.0302	1.0021	2.1617	.81240	2.0536	.36210
#2	.80935	2.0344	.99896	2.1544	.81025	2.1213	.36932
#3	.80904	2.0298	1.0011	2.1483	.80931	2.0708	.36433

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20343	.20419	11.299	.41824	.20951	.33845	36.141
Stddev	.00105	.00016	.062	.00138	.00024	.00054	.069
%RSD	.51373	.07880	.55045	.33024	.11392	.15852	.19095

#1	.20287	.20407	11.229	.41669	.20967	.33898	36.071
#2	.20278	.20412	11.349	.41933	.20923	.33847	36.143
#3	.20463	.20437	11.319	.41870	.20962	.33791	36.209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30208	4.7451	.55366	.07166	289.12	.32278	.24557
Stddev	.00070	.0519	.00070	.00027	2.74	.00025	.00024
%RSD	.23181	1.0935	.12574	.37084	.94621	.07825	.09957

#1	.30147	4.7230	.55286	.07196	289.07	.32264	.24585
#2	.30285	4.8043	.55401	.07146	286.41	.32308	.24544
#3	.30193	4.7079	.55412	.07156	291.88	.32263	.24541

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.280	.42860	.36301	1.1838	1.2863	.70480	.20444
Stddev	.138	.00194	.00175	.0031	.0138	.00297	.00291
%RSD	1.2193	.45360	.48266	.26287	1.0732	.42149	1.4212

#1	11.133	.43083	.36403	1.1805	1.2901	.70351	.20616
#2	11.405	.42767	.36402	1.1844	1.2710	.70270	.20108
#3	11.304	.42729	.36099	1.1866	1.2978	.70820	.20607

Sample Name: K2598-01MSD Acquired: 4/29/2019 15:23:01 Type: Unk
Method: P4-ICP2(v3075) 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	.20105	6.192	.20396	5.2843	F<.00000
Stddev	.00133	.014	.00162	.3353	42.005
%RSD	.65945	.2289	.79322	6.3457	19.285

#1	.20253	6.208	.20498	4.9972	-218.22
#2	.19997	6.182	.20209	5.6528	-259.61
#3	.20064	6.186	.20480	5.2029	-175.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4389.4	56280.	5239.9	70.729	4471.2
Stddev	20.6	47.	48.8	2.351	11.7
%RSD	.46995	.08392	.93128	3.3241	.26256

#1	4368.6	56285.	5187.5	68.617	4464.7
#2	4389.6	56230.	5284.0	73.262	4464.2
#3	4409.9	56324.	5248.2	70.308	4484.8

Sample Name: K2598-01A Acquired: 4/29/2019 15:27:16 Type: Unk
Method: P4-ICP2(v3075) 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	.82364	2.0326	1.0055	2.1711	.81805	2.1050	.36916
Stddev	.00619	.0091	.0032	.0092	.00197	.0132	.00149
%RSD	.75210	.44721	.32071	.42353	.24105	.62910	.40356

#1	.81669	2.0296	1.0047	2.1688	.81811	2.0898	.36749
#2	.82565	2.0428	1.0091	2.1812	.81605	2.1120	.36963
#3	.82858	2.0253	1.0028	2.1633	.82000	2.1134	.37035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20441	.20499	11.509	.41903	.20989	.34126	37.011
Stddev	.00034	.00051	.036	.00162	.00080	.00092	.059
%RSD	.16772	.25002	.31345	.38603	.38206	.26946	.15911

#1	.20402	.20476	11.511	.41783	.20985	.34060	36.957
#2	.20467	.20557	11.472	.41840	.21071	.34231	37.004
#3	.20453	.20463	11.545	.42087	.20910	.34087	37.074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30480	4.8482	.55526	.07148	294.99	.32247	.24486
Stddev	.00036	.1337	.00095	.00071	1.62	.00100	.00049
%RSD	.11747	2.7572	.17042	.98786	.54764	.31084	.19833

#1	.30460	4.7246	.55560	.07114	295.31	.32307	.24479
#2	.30459	4.8300	.55598	.07102	293.24	.32131	.24538
#3	.30522	4.9901	.55419	.07230	296.43	.32302	.24442

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.259	.43086	.36764	1.2103	1.3053	.70771	.20431
Stddev	.061	.00166	.00513	.0086	.0033	.00068	.00109
%RSD	.54232	.38475	1.3956	.71143	.25579	.09595	.53248

#1	11.189	.43008	.36530	1.2089	1.3083	.70833	.20379
#2	11.300	.43276	.36409	1.2196	1.3058	.70781	.20358
#3	11.289	.42974	.37352	1.2026	1.3017	.70699	.20556

Sample Name: K2598-01A Acquired: 4/29/2019 15:27:16 Type: Unk
Method: P4-ICP2(v3075) 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	.20441	6.226	.20640	5.1324	F<.00000
Stddev	.00243	.018	.00131	.1014	57.699
%RSD	1.1864	.2971	.63418	1.9761	21.720

#1	.20299	6.208	.20711	5.0400	-217.76
#2	.20303	6.245	.20489	5.2409	-249.49
#3	.20721	6.226	.20719	5.1161	-329.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4365.0	56230.	5235.7	70.748	4457.0
Stddev	5.6	92.	22.2	2.858	8.3
%RSD	.12895	.16438	.42315	4.0403	.18680

#1	4358.5	56124.	5210.1	70.900	4448.3
#2	4368.1	56296.	5249.3	73.527	4464.9
#3	4368.5	56269.	5247.6	67.817	4457.9

Sample Name: PB119298BL Acquired: 4/29/2019 15:31:28 Type: Unk
Method: P4-ICP2(v3075) 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	.00034	.00019	-.00031	.00131	-.00033	-.02274	.00091	-.00010
Stddev	.00157	.00063	.00030	.00224	.00091	.00434	.00056	.00005
%RSD	460.65	328.06	95.511	170.52	273.93	19.072	61.420	52.401

#1	-.00049	-.00019	-.00025	.00363	-.00132	-.02307	.00139	-.00010
#2	-.00064	-.00016	-.00064	-.00084	.00047	-.02690	.00105	-.00014
#3	.00215	.00092	-.00005	.00116	-.00015	-.01825	.00030	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00677	.00008	.00000	-.00022	-.00005	-.00002	-.03703
Stddev	.00010	.01261	.00035	.00018	.00018	.00058	.00002	.01826
%RSD	111.09	186.22	425.86	7782.9	81.766	1260.8	97.907	49.310

#1	-.00018	-.00394	.00033	.00000	-.00008	.00013	-.00003	-.01907
#2	-.00010	.00418	.00022	.00018	-.00043	.00043	-.00004	-.05558
#3	.00002	-.02056	-.00031	-.00018	-.00016	-.00070	.00000	-.03644

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00011	.08796	-.00037	-.00298	-.04363	-.00031	.01055
Stddev	.00028	.00026	.01017	.00048	.00003	.00875	.00006	.00970
%RSD	52.241	243.91	11.563	130.16	.86316	20.047	18.483	91.926

#1	.00025	-.00028	.08792	-.00050	-.00299	-.05327	-.00027	.00086
#2	.00053	.00019	.09815	.00016	-.00296	-.03621	-.00028	.01053
#3	.00081	-.00023	.07780	-.00076	-.00301	-.04140	-.00037	.02027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02567	-.00263	-.00087	-.00039	-.00348	-.0025	.00007	2.1377
Stddev	.00180	.00134	.00051	.00100	.00051	.0008	.00006	.2019
%RSD	7.0095	50.885	58.457	259.00	14.736	32.07	78.031	9.4449

#1	-.02767	-.00314	-.00119	.00049	-.00401	-.0029	.00014	2.0226
#2	-.02419	-.00364	-.00114	-.00147	-.00299	-.0032	.00006	2.3708
#3	-.02514	-.00111	-.00028	-.00017	-.00344	-.0016	.00003	2.0197

Sample Name: PB119298BL Acquired: 4/29/2019 15:31:28 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 123.83
Stddev	113.45
%RSD	91.611

#1	216.91
#2	-2.5309
#3	157.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4863.1	62410.	5577.3	75.419	5427.9
Stddev	1.6	108.	13.8	1.160	4.8
%RSD	.03317	.17365	.24686	1.5376	.08782

#1	4863.7	62422.	5564.5	74.575	5426.7
#2	4864.2	62513.	5575.7	74.942	5423.9
#3	4861.2	62297.	5591.9	76.742	5433.2

Sample Name: PB119298BS Acquired: 4/29/2019 15:35:55 Type: Unk
Method: P4-ICP2(v3075) 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	.73790	1.9680	.93681	1.9078	.78375	1.8789	.20007
Stddev	.00504	.0056	.00111	.0029	.00288	.0248	.00244
%RSD	.68314	.28550	.11882	.15292	.36717	1.3176	1.2200

#1	.73249	1.9672	.93598	1.9070	.78109	1.8576	.19787
#2	.73875	1.9629	.93638	1.9110	.78336	1.8729	.19964
#3	.74246	1.9740	.93808	1.9054	.78681	1.9060	.20270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18496	.18320	1.0421	.40394	.19116	.29825	3.0051
Stddev	.00059	.00054	.0168	.00148	.00044	.00115	.0045
%RSD	.31972	.29487	1.6134	.36528	.22905	.38400	.15085

#1	.18521	.18296	1.0234	.40234	.19090	.29884	3.0025
#2	.18428	.18283	1.0559	.40524	.19091	.29693	3.0103
#3	.18538	.18382	1.0470	.40426	.19166	.29898	3.0025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20304	1.9179	.48054	.06735	3.0215	.29960	.17625
Stddev	.00061	.0694	.00109	.00004	.0321	.00075	.00041
%RSD	.30223	3.6195	.22695	.05964	1.0627	.24889	.23373

#1	.20235	1.8577	.47940	.06739	3.0000	.29949	.17620
#2	.20353	1.9022	.48066	.06731	3.0061	.29892	.17587
#3	.20324	1.9938	.48157	.06736	3.0584	.30040	.17669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7634	.42128	.27640	F -.03048	.87680	.66749	.20056
Stddev	.1102	.00054	.01157	.00395	.01485	.00115	.00141
%RSD	1.1283	.12755	4.1841	12.966	1.6931	.17256	.70334

#1	9.6717	.42095	.26344	-.02633	.89317	.66616	.19973
#2	9.7329	.42100	.28566	-.03091	.87303	.66811	.20219
#3	9.8856	.42190	.28011	-.03419	.86421	.66821	.19976

Sample Name: PB119298BS Acquired: 4/29/2019 15:35:55 Type: Unk
Method: P4-ICP2(v3075) 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	.19156	5.086	.19840	F 2.7245	F 412.50
Stddev	.00097	.016	.00024	.3341	14.13
%RSD	.50835	.3120	.12249	12.264	3.4254
#1	.19185	5.083	.19818	2.5172	414.86
#2	.19048	5.072	.19836	3.1099	397.34
#3	.19236	5.103	.19866	2.5463	425.31
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4712.2	61292.	5429.4	72.836	5154.3
Stddev	7.2	184.	59.2	1.015	12.2
%RSD	.15313	.29939	1.0907	1.3938	.23597
#1	4705.9	61095.	5369.5	72.250	5149.8
#2	4720.0	61458.	5430.9	74.008	5168.1
#3	4710.6	61323.	5487.9	72.250	5145.1

Sample Name: K2572-01 Acquired: 4/29/2019 15:40:01 Type: Unk
Method: P4-ICP2(v3075) 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	-.00378	-.00185	.00114	.00665	-.00120	-.11829	.25494
Stddev	.00390	.00067	.00124	.00308	.00105	.02522	.00143
%RSD	103.37	36.089	108.38	46.347	87.708	21.318	.55948

#1	-.00748	-.00109	.00250	.00325	.00001	-.13205	.25608
#2	.00030	-.00214	.00083	.00744	-.00187	-.08919	.25541
#3	-.00415	-.00233	.00009	.00926	-.00173	-.13363	.25335

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00067	349.26	-.00173	.00110	.02398	17.906
Stddev	.00006	.00002	1.92	.00016	.00033	.00048	.056
%RSD	27.216	2.4744	.55066	9.4246	30.175	2.0112	.31080

#1	.00031	-.00065	348.35	-.00161	.00132	.02429	17.884
#2	.00019	-.00067	351.46	-.00192	.00125	.02343	17.969
#3	.00021	-.00068	347.95	-.00166	.00072	.02424	17.864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3922	90.931	-.00003	-.00060	89.967	.00063	.02178
Stddev	.0050	.567	.00069	.00017	.333	.00022	.00024
%RSD	.36278	.62314	2095.0	28.191	.37059	35.809	1.1188

#1	1.3915	91.191	-.00082	-.00044	89.954	.00037	.02157
#2	1.3976	91.321	.00028	-.00078	90.306	.00077	.02172
#3	1.3876	90.281	.00044	-.00059	89.640	.00075	.02205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.173	.00054	.43698	F 119.98	F 15.948	-.04424	-.01075
Stddev	.146	.00014	.01938	.26	.082	.00027	.00085
%RSD	.57964	25.456	4.4352	.21623	.51571	.60728	7.8988

#1	25.241	.00069	.45932	120.23	15.904	-.04397	-.01173
#2	25.272	.00050	.42463	120.00	16.043	-.04424	-.01025
#3	25.005	.00043	.42699	119.72	15.897	-.04451	-.01026

Sample Name: K2572-01 Acquired: 4/29/2019 15:40:01 Type: Unk
 Method: P4-ICP2(v3075) 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	.02901	.1949	3.2686	5.3613	F<.00000
Stddev	.00048	.0010	.0176	.1700	86.494
%RSD	1.6372	.4917	.53942	3.1714	24.801

#1	.02950	.1951	3.2600	5.4309	-412.42
#2	.02898	.1938	3.2889	5.4856	-383.56
#3	.02856	.1957	3.2569	5.1676	-250.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4176.2	54088.	5100.8	66.820	4213.9
Stddev	20.5	281.	34.9	.732	10.6
%RSD	.49181	.52014	.68424	1.0957	.25181

#1	4152.7	54069.	5111.7	67.570	4201.6
#2	4185.0	53816.	5061.8	66.783	4220.1
#3	4190.9	54378.	5129.0	66.107	4219.9

Sample Name: K2572-01DUP Acquired: 4/29/2019 15:44:22 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00242	.00132	.01214	-.00131	-.09853	.25883
Stddev	.00379	.00025	.00171	.00378	.00094	.01364	.00196
%RSD	3394.3	10.407	129.91	31.110	71.692	13.845	.75772

#1	-.00318	-.00253	.00024	.00971	-.00112	-.08885	.25658
#2	.00426	-.00260	.00329	.01021	-.00048	-.11413	.25976
#3	-.00074	-.00213	.00042	.01649	-.00233	-.09261	.26016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00061	359.11	-.00120	.00096	.02486	18.324
Stddev	.00005	.00008	.88	.00014	.00022	.00063	.044
%RSD	23.126	13.624	.24447	11.342	23.057	2.5389	.23746

#1	.00022	-.00063	360.01	-.00110	.00109	.02445	18.292
#2	.00027	-.00052	359.05	-.00114	.00070	.02454	18.373
#3	.00017	-.00068	358.26	-.00135	.00108	.02559	18.306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4278	92.845	-.00000	-.00066	91.685	.00020	.02832
Stddev	.0020	.740	.00033	.00026	.324	.00013	.00018
%RSD	.14110	.79672	107070.	39.250	.35318	67.192	.65011

#1	1.4257	92.155	-.00036	-.00096	91.339	.00025	.02832
#2	1.4297	92.754	.00028	-.00045	91.981	.00030	.02814
#3	1.4279	93.626	.00008	-.00059	91.734	.00005	.02851

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.660	.00061	.45630	F 123.11	F 16.431	-.04568	-.00904
Stddev	.197	.00004	.00960	.30	.114	.00057	.00135
%RSD	.76903	7.1188	2.1047	.24368	.69618	1.2446	14.978

#1	25.438	.00066	.46031	123.15	16.547	-.04505	-.01029
#2	25.816	.00060	.44534	123.38	16.427	-.04616	-.00760
#3	25.725	.00057	.46325	122.79	16.318	-.04583	-.00923

Sample Name: K2572-01DUP Acquired: 4/29/2019 15:44:22 Type: Unk
Method: P4-ICP2(v3075) 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	.03146	.2015	3.3599	5.5840	F<.00000
Stddev	.00337	.0012	.0116	.1450	17.491
%RSD	10.701	.6040	.34631	2.5975	6.7464

#1	.03530	.2002	3.3703	5.6594	-245.22
#2	.02905	.2019	3.3620	5.6759	-253.72
#3	.03002	.2026	3.3473	5.4168	-278.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4130.1	53922.	5033.6	66.112	4167.8
Stddev	14.3	180.	44.9	2.062	6.0
%RSD	.34641	.33445	.89188	3.1194	.14346

#1	4146.3	53743.	4985.5	63.852	4174.7
#2	4125.2	53920.	5041.0	66.592	4164.6
#3	4119.0	54104.	5074.4	67.892	4164.2

Sample Name: K2572-01LX5 Acquired: 4/29/2019 15:48:44 Type: Unk
Method: P4-ICP2(v3075) 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	-.00039	-.00109	.00039	.00364	-.00115	-.03031	.05119	-.00005
Stddev	.00127	.00052	.00077	.00142	.00090	.00845	.00014	.00005
%RSD	326.84	47.868	195.02	39.062	78.038	27.865	.26452	102.07
#1	.00087	-.00160	-.00036	.00338	-.00052	-.02429	.05127	-.00010
#2	-.00037	-.00055	.00118	.00517	-.00075	-.02668	.05103	-.00004
#3	-.00166	-.00112	.00037	.00236	-.00218	-.03997	.05126	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	73.670	-.00047	.00011	.00571	3.8582	.29533	18.812
Stddev	.00002	.044	.00024	.00008	.00055	.0090	.00051	.099
%RSD	5.3955	.06035	51.535	72.638	9.7139	.23377	.17117	.52837
#1	-.00036	73.721	-.00031	.00005	.00622	3.8648	.29481	18.724
#2	-.00036	73.638	-.00076	.00020	.00512	3.8479	.29535	18.920
#3	-.00039	73.652	-.00036	.00008	.00580	3.8619	.29582	18.791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00026	17.875	.00009	.00422	4.9822	-.00031	.07397
Stddev	.00028	.00035	.045	.00011	.00009	.0254	.00014	.02025
%RSD	59.210	135.55	.25436	132.77	2.2355	.50999	47.163	27.378
#1	-.00062	-.00063	17.858	-.00001	.00416	4.9599	-.00047	.06827
#2	-.00064	-.00021	17.926	.00005	.00433	4.9770	-.00019	.09646
#3	-.00015	.00007	17.841	.00021	.00417	5.0099	-.00026	.05718
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.065	3.5072	-.01044	-.00242	.00270	.0363	.68034	3.4713
Stddev	.099	.0136	.00105	.00213	.00104	.0023	.00074	.1836
%RSD	.41102	.38623	10.095	88.346	38.647	6.273	.10815	5.2895
#1	24.001	3.5032	-.00986	-.00104	.00168	.0364	.68063	3.4003
#2	24.014	3.4960	-.01166	-.00134	.00266	.0340	.67950	3.6798
#3	24.178	3.5223	-.00981	-.00487	.00377	.0385	.68088	3.3338

Sample Name: K2572-01LX5 Acquired: 4/29/2019 15:48:44 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 32.473
Stddev 79.096
%RSD 243.58

#1 -31.811
#2 8.4289
#3 120.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4601.4	59311.	5368.3	70.974	4820.2
Stddev	9.0	94.	7.2	.463	10.3
%RSD	.19599	.15789	.13326	.65274	.21289

#1	4605.7	59412.	5367.8	70.532	4822.4
#2	4607.4	59227.	5375.7	71.456	4829.1
#3	4591.0	59294.	5361.4	70.934	4808.9

Sample Name: K2572-01MS Acquired: 4/29/2019 15:53:06 Type: Unk
Method: P4-ICP2(v3075) 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	.82506	2.0357	.99750	2.1187	.83010	1.9580	.46319
Stddev	.00043	.0115	.00273	.0098	.00280	.0089	.00110
%RSD	.05242	.56245	.27337	.46239	.33683	.45298	.23801

#1	.82457	2.0267	.99593	2.1116	.82716	1.9674	.46423
#2	.82523	2.0486	1.0007	2.1299	.83273	1.9566	.46331
#3	.82538	2.0319	.99593	2.1146	.83042	1.9499	.46203

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20421	.19996	344.94	.40622	.20403	.32336	20.606
Stddev	.00027	.00051	.79	.00041	.00087	.00112	.016
%RSD	.13163	.25341	.23036	.10005	.42582	.34717	.07755

#1	.20393	.19965	344.03	.40657	.20392	.32245	20.596
#2	.20424	.20054	345.29	.40632	.20495	.32461	20.597
#3	.20446	.19969	345.50	.40577	.20323	.32301	20.624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5835	92.484	.50514	.07198	90.845	.31773	.23538
Stddev	.0012	.735	.00224	.00046	.023	.00072	.00089
%RSD	.07756	.79515	.44261	.63644	.02546	.22774	.37653

#1	1.5821	91.833	.50297	.07201	90.818	.31855	.23448
#2	1.5840	92.339	.50743	.07151	90.854	.31744	.23625
#3	1.5843	93.282	.50500	.07243	90.862	.31720	.23541

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.674	.42599	.75935	F 120.96	F 16.493	.66741	.19326
Stddev	.045	.00204	.01790	.35	.032	.00311	.00349
%RSD	.12750	.47982	2.3578	.29106	.19471	.46535	1.8073

#1	35.627	.42470	.75164	120.59	16.530	.66470	.19730
#2	35.680	.42834	.77982	121.01	16.472	.67080	.19124
#3	35.717	.42492	.74659	121.29	16.477	.66673	.19126

Sample Name: K2572-01MS Acquired: 4/29/2019 15:53:06 Type: Unk
Method: P4-ICP2(v3075) 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	.23170	6.426	3.4218	6.9520	F<.00000
Stddev	.00220	.017	.0015	.0616	74.139
%RSD	.95122	.2616	.04403	.88559	41.928

#1	.23374	6.407	3.4235	6.8856	-219.17
#2	.22936	6.437	3.4207	6.9634	-91.218
#3	.23199	6.434	3.4213	7.0071	-220.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.9	54394.	5079.8	66.753	4143.8
Stddev	9.2	238.	23.0	2.139	8.2
%RSD	.22302	.43768	.45318	3.2037	.19896

#1	4106.0	54120.	5053.2	64.365	4137.3
#2	4124.0	54548.	5092.8	67.403	4153.0
#3	4117.8	54515.	5093.4	68.492	4140.9

Sample Name: K2572-01MSD Acquired: 4/29/2019 15:57:08 Type: Unk
Method: P4-ICP2(v3075) 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	.81665	2.0100	.98674	2.1041	.82382	1.9205	.46064
Stddev	.00269	.0108	.00033	.0014	.00259	.0171	.00076
%RSD	.32892	.53791	.03306	.06603	.31492	.89057	.16576

#1	.81709	2.0118	.98653	2.1056	.82502	1.9069	.46077
#2	.81377	1.9983	.98711	2.1028	.82085	1.9149	.45982
#3	.81909	2.0197	.98657	2.1039	.82560	1.9397	.46133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20300	.19830	345.81	.40419	.20190	.31906	20.521
Stddev	.00020	.00022	.51	.00109	.00019	.00033	.015
%RSD	.09634	.11007	.14739	.27091	.09642	.10478	.07385

#1	.20281	.19806	345.72	.40464	.20207	.31936	20.538
#2	.20320	.19837	345.35	.40294	.20169	.31870	20.517
#3	.20300	.19848	346.36	.40499	.20194	.31913	20.509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5739	91.229	.50016	.07140	90.132	.31493	.23270
Stddev	.0015	.464	.00193	.00057	.252	.00121	.00072
%RSD	.09482	.50883	.38651	.79987	.27919	.38540	.31013

#1	1.5753	90.846	.49994	.07173	89.973	.31353	.23238
#2	1.5740	91.096	.49835	.07074	90.001	.31569	.23220
#3	1.5724	91.745	.50219	.07173	90.422	.31557	.23353

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.457	.42001	.73943	F 119.74	F 16.511	.65894	.19264
Stddev	.023	.00117	.00954	.30	.038	.00145	.00172
%RSD	.06522	.27932	1.2900	.24990	.22981	.22058	.89259

#1	35.453	.42054	.75000	120.08	16.547	.66060	.19067
#2	35.482	.41866	.73681	119.60	16.472	.65832	.19345
#3	35.436	.42082	.73147	119.54	16.515	.65790	.19381

Sample Name: K2572-01MSD Acquired: 4/29/2019 15:57:08 Type: Unk
Method: P4-ICP2(v3075) 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	.22855	6.363	3.4190	6.9815	F<.00000
Stddev	.00212	.004	.0113	.1057	58.740
%RSD	.92736	.0665	.32990	1.5141	17.060

#1	.22829	6.368	3.4266	7.1009	-399.82
#2	.22657	6.361	3.4061	6.9437	-282.81
#3	.23079	6.360	3.4244	6.8999	-350.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4147.1	54577.	5061.9	66.605	4170.5
Stddev	10.8	81.	18.5	1.321	6.9
%RSD	.26027	.14767	.36533	1.9841	.16587

#1	4137.3	54485.	5040.9	65.094	4163.6
#2	4145.2	54608.	5075.6	67.543	4170.5
#3	4158.6	54637.	5069.3	67.179	4177.4

Sample Name: CCV05 Acquired: 4/29/2019 16:01:09 Type: Unk
Method: P4-ICP2(v3075) 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	5.0258	5.1293	4.9740	5.1478	5.0104	9.8284	10.198	.25691
Stddev	.0151	.0141	.0086	.0091	.0167	.0782	.019	.00013
%RSD	.30121	.27398	.17225	.17662	.33419	.79596	.18813	.05223
#1	5.0199	5.1186	4.9660	5.1373	4.9952	9.9146	10.211	.25681
#2	5.0145	5.1241	4.9729	5.1524	5.0075	9.7620	10.176	.25706
#3	5.0430	5.1452	4.9830	5.1536	5.0284	9.8086	10.208	.25685
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4808	25.325	1.0045	2.5071	1.2457	5.0570	2.5586	25.326
Stddev	.0052	.033	.0021	.0034	.0033	.0049	.0027	.220
%RSD	.20991	.13060	.20997	.13478	.26573	.09657	.10605	.87040
#1	2.4752	25.287	1.0040	2.5037	1.2419	5.0550	2.5566	25.538
#2	2.4817	25.341	1.0068	2.5073	1.2472	5.0626	2.5617	25.098
#3	2.4855	25.347	1.0027	2.5104	1.2480	5.0535	2.5575	25.343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5244	1.2517	25.330	2.5141	2.5037	25.436	5.0971	5.1208
Stddev	.0050	.0010	.067	.0031	.0031	.042	.0131	.0129
%RSD	.19778	.08340	.26259	.12127	.12480	.16430	.25706	.25173
#1	2.5192	1.2528	25.351	2.5167	2.5012	25.411	5.0852	5.1350
#2	2.5249	1.2516	25.256	2.5149	2.5027	25.413	5.0951	5.1099
#3	2.5292	1.2507	25.384	2.5107	2.5072	25.484	5.1111	5.1176
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0704	4.8420	5.0512	5.0236	4.8269	5.117	5.0743	4.8957
Stddev	.0130	.0367	.0037	.0192	.0107	.007	.0245	.0958
%RSD	.25629	.75783	.07300	.38172	.22120	.1354	.48280	1.9575
#1	5.0688	4.8024	5.0478	5.0194	4.8151	5.112	5.0478	4.8311
#2	5.0583	4.8748	5.0507	5.0069	4.8359	5.115	5.0961	5.0058
#3	5.0842	4.8489	5.0551	5.0446	4.8297	5.125	5.0789	4.8502

Sample Name: CCV05 Acquired: 4/29/2019 16:01:09 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 34.743
 Stddev 19.142
 %RSD 55.096

#1 54.750
 #2 32.876
 #3 16.603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4620.3	59481.	5452.7	72.232	4699.4
Stddev	12.9	145.	35.4	1.251	8.2
%RSD	.27963	.24460	.64991	1.7321	.17520

#1	4632.2	59337.	5480.3	73.667	4706.5
#2	4622.0	59480.	5412.7	71.661	4701.3
#3	4606.6	59628.	5465.0	71.368	4690.4

Sample Name: CCB05 Acquired: 4/29/2019 16:05:07 Type: Unk
Method: P4-ICP2(v3075) 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	-.00008	.00007	-.00040	.00046	-.00014	-.02260	.00141	-.00009
Stddev	.00240	.00081	.00022	.00136	.00188	.01882	.00026	.00010
%RSD	3092.5	1175.8	54.815	294.11	1385.2	83.255	18.155	112.93

#1	-.00030	.00057	-.00032	.00141	-.00112	-.03392	.00171	-.00014
#2	-.00236	-.00086	-.00065	.00106	.00203	-.03301	.00128	.00003
#3	.00242	.00049	-.00023	-.00109	-.00133	-.00088	.00126	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00043	-.00004	.00008	-.00061	-.00026	-.00001	-.03131
Stddev	.00004	.00554	.00021	.00008	.00016	.00076	.00007	.01393
%RSD	50.169	1286.3	554.46	104.43	26.503	293.73	488.61	44.492

#1	-.00009	-.00263	-.00017	.00001	-.00062	-.00104	.00006	-.04160
#2	-.00013	.00683	.00021	.00005	-.00044	.00046	-.00007	-.01546
#3	-.00004	-.00291	-.00015	.00017	-.00076	-.00019	-.00003	-.03686

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00005	-.04093	-.00015	-.00281	-.07922	.00014	.00575
Stddev	.00023	.00030	.00458	.00009	.00004	.02684	.00010	.00129
%RSD	105.23	599.57	11.186	59.892	1.3324	33.884	71.759	22.400

#1	.00029	.00017	-.04321	-.00019	-.00278	-.09082	.00026	.00590
#2	.00040	-.00039	-.04392	-.00020	-.00285	-.09830	.00011	.00439
#3	-.00004	.00007	-.03566	-.00005	-.00281	-.04852	.00006	.00696

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01958	.00109	-.00012	-.00180	-.00400	-.0030	.00012	2.6675
Stddev	.00314	.00180	.00022	.00227	.00161	.0011	.00012	.2413
%RSD	16.054	164.80	183.89	125.85	40.179	37.87	100.99	9.0461

#1	-.02200	-.00095	-.00034	-.00252	-.00583	-.0042	.00012	2.9440
#2	-.02071	.00181	-.00009	-.00363	-.00283	-.0026	-.00000	2.4994
#3	-.01603	.00242	.00008	.00074	-.00334	-.0021	.00025	2.5591

Sample Name: CCB05 Acquired: 4/29/2019 16:05:07 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 104.08
Stddev	71.41
%RSD	68.616

#1	173.99
#2	31.250
#3	106.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4852.5	62211.	5526.5	73.456	5431.7
Stddev	1.5	131.	16.0	2.316	3.9
%RSD	.03037	.21109	.28902	3.1534	.07140

#1	4850.9	62228.	5538.5	71.258	5429.8
#2	4852.7	62072.	5532.6	73.233	5429.1
#3	4853.9	62333.	5508.3	75.875	5436.2

Sample Name: K2572-01A Acquired: 4/29/2019 16:09:35 Type: Unk
Method: P4-ICP2(v3075) 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	.81660	1.9902	.98088	2.1085	.82197	1.9825	.46071
Stddev	.00165	.0092	.00284	.0096	.00506	.0480	.00450
%RSD	.20262	.46363	.28983	.45438	.61538	2.4195	.97596

#1	.81524	1.9833	.98051	2.1192	.82727	1.9528	.45566
#2	.81614	1.9867	.98390	2.1055	.82146	2.0378	.46427
#3	.81844	2.0007	.97825	2.1007	.81720	1.9567	.46220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20200	.19759	340.01	.40287	.19976	.31620	20.374
Stddev	.00025	.00050	2.00	.00069	.00041	.00104	.046
%RSD	.12163	.25480	.58779	.17051	.20672	.33037	.22412

#1	.20200	.19712	339.62	.40334	.19943	.31662	20.351
#2	.20225	.19812	338.24	.40318	.20022	.31697	20.426
#3	.20176	.19752	342.18	.40208	.19961	.31501	20.344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5596	91.359	.49650	.07145	90.297	.31151	.22941
Stddev	.0019	.373	.00098	.00054	.578	.00070	.00099
%RSD	.12268	.40808	.19780	.75890	.64055	.22566	.43289

#1	1.5598	91.016	.49538	.07192	89.643	.31077	.22891
#2	1.5613	91.756	.49722	.07086	90.739	.31159	.23056
#3	1.5575	91.304	.49689	.07156	90.510	.31216	.22877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.236	.41536	.74125	F 119.75	F 16.334	.65446	.19402
Stddev	.335	.00048	.00907	.34	.096	.00313	.00655
%RSD	.95004	.11639	1.2233	.28552	.59061	.47845	3.3780

#1	34.876	.41568	.75127	119.95	16.382	.65301	.18942
#2	35.538	.41480	.73889	119.36	16.223	.65805	.20152
#3	35.294	.41560	.73360	119.95	16.398	.65231	.19111

Sample Name: K2572-01A Acquired: 4/29/2019 16:09:35 Type: Unk
Method: P4-ICP2(v3075) 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	.22906	6.342	3.3768	6.1399	F<.00000
Stddev	.00179	.011	.0230	.0311	51.562
%RSD	.78004	.1712	.68059	.50627	43.236

#1	.22737	6.343	3.3676	6.1355	-154.29
#2	.22889	6.331	3.3598	6.1113	-143.43
#3	.23093	6.353	3.4029	6.1730	-60.048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4173.4	54524.	5130.3	65.607	4194.7
Stddev	14.4	214.	36.4	.620	2.4
%RSD	.34624	.39157	.71009	.94572	.05648

#1	4156.8	54417.	5094.4	66.175	4192.2
#2	4182.9	54384.	5167.2	65.701	4194.8
#3	4180.6	54769.	5129.3	64.944	4196.9

Sample Name: K2581-01 Acquired: 4/29/2019 16:13:38 Type: Unk
Method: P4-ICP2(v3075) 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	.03423	-.00552	.00463	.01587	-.00186	.68357	.58023	.00054
Stddev	.00202	.00103	.00119	.00348	.00099	.02217	.00160	.00008
%RSD	5.8915	18.688	25.704	21.952	52.946	3.2431	.27510	15.570

#1	.03191	-.00573	.00329	.01424	-.00262	.70420	.57883	.00052
#2	.03529	-.00439	.00556	.01987	-.00075	.66013	.58197	.00047
#3	.03551	-.00642	.00503	.01350	-.00222	.68637	.57988	.00064

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	232.37	-.00634	.00205	.04095	35.050	9.5281	55.019
Stddev	.00005	.60	.00022	.00030	.00068	.014	.0265	.290
%RSD	4.9185	.25916	3.5380	14.690	1.6647	.03861	.27855	.52758

#1	-.00100	232.67	-.00622	.00226	.04069	35.037	9.5106	54.731
#2	-.00108	231.68	-.00619	.00170	.04172	35.048	9.5587	55.312
#3	-.00098	232.77	-.00659	.00218	.04043	35.064	9.5151	55.014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00347	-.00001	9.2654	.00217	.02495	15.350	.00357	.22116
Stddev	.00027	.00021	.0326	.00056	.00011	.073	.00024	.00508
%RSD	7.7981	2167.9	.35153	25.779	.45708	.47343	6.8597	2.2982

#1	-.00355	.00005	9.2280	.00273	.02483	15.322	.00384	.21811
#2	-.00370	-.00024	9.2877	.00216	.02506	15.432	.00337	.21834
#3	-.00317	.00017	9.2805	.00162	.02497	15.295	.00350	.22703

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5752	F 36.102	-.00020	.02630	.04343	1.325	.69405	4.0784
Stddev	.0253	.202	.00032	.00070	.00067	.002	.00348	.1972
%RSD	.70818	.56021	157.41	2.6548	1.5422	.1584	.50182	4.8355

#1	3.6003	36.221	.00017	.02620	.04408	1.325	.69760	4.1644
#2	3.5757	35.869	-.00037	.02566	.04348	1.327	.69064	4.2180
#3	3.5497	36.217	-.00040	.02704	.04274	1.323	.69390	3.8528

Sample Name: K2581-01 Acquired: 4/29/2019 16:13:38 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 123.17
 Stddev 93.02
 %RSD 75.521

#1 47.465
 #2 227.00
 #3 95.031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4390.3	56904.	5327.7	69.047	4494.3
Stddev	14.7	222.	45.3	2.655	12.6
%RSD	.33400	.39010	.84990	3.8445	.27940

#1	4374.0	56694.	5276.3	70.221	4479.9
#2	4402.4	56880.	5361.6	66.008	4503.0
#3	4394.4	57136.	5345.4	70.912	4500.0

Sample Name: K2581-02 Acquired: 4/29/2019 16:18:08 Type: Unk
Method: P4-ICP2(v3075) 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	.00024	-.00682	-.00253	.01572	-.00309	.05676	.43280	.00027
Stddev	.00156	.00092	.00068	.00157	.00089	.00998	.00239	.00010
%RSD	644.58	13.427	27.088	9.9744	28.789	17.573	.55195	38.777
#1	-.00111	-.00709	-.00193	.01734	-.00213	.05195	.43462	.00026
#2	-.00011	-.00580	-.00327	.01421	-.00388	.06823	.43368	.00037
#3	.00195	-.00756	-.00238	.01560	-.00325	.05011	.43009	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	160.09	-.00976	-.00026	.03771	30.511	12.565	30.801
Stddev	.00005	.87	.00020	.00004	.00010	.040	.053	.134
%RSD	5.3480	.54045	2.0937	14.153	.27670	.13076	.42260	.43590
#1	-.00093	159.66	-.00970	-.00029	.03776	30.544	12.516	30.943
#2	-.00103	159.53	-.00998	-.00022	.03760	30.522	12.621	30.676
#3	-.00098	161.08	-.00959	-.00028	.03779	30.467	12.557	30.784
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00835	.00101	7.2248	.00002	.00989	9.7333	.00079	.09618
Stddev	.00025	.00006	.0407	.00042	.00007	.1078	.00033	.00604
%RSD	2.9609	6.2573	.56381	1789.0	.68096	1.1076	42.237	6.2831
#1	-.00864	.00100	7.2655	-.00007	.00992	9.8444	.00071	.10314
#2	-.00821	.00108	7.2249	.00048	.00981	9.7265	.00050	.09236
#3	-.00821	.00095	7.1841	-.00034	.00994	9.6291	.00116	.09303
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0836	F 25.304	-.00118	.00435	.02021	.2905	.51927	3.4458
Stddev	.0157	.195	.00033	.00188	.00210	.0028	.00248	.0328
%RSD	.50739	.77068	28.320	43.214	10.415	.9522	.47733	.95166
#1	3.0756	25.160	-.00082	.00537	.02056	.2937	.51791	3.4836
#2	3.1016	25.226	-.00148	.00218	.01795	.2885	.51776	3.4276
#3	3.0736	25.526	-.00123	.00551	.02211	.2894	.52213	3.4260

Sample Name: K2581-02 Acquired: 4/29/2019 16:18:08 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 202.16
 Stddev 93.12
 %RSD 46.063

#1 308.78
 #2 160.98
 #3 136.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4456.7	58406.	5361.2	70.732	4667.2
Stddev	13.8	259.	26.4	.874	12.6
%RSD	.31014	.44295	.49209	1.2360	.27014

#1	4442.7	58122.	5372.5	69.899	4658.6
#2	4457.0	58470.	5380.0	70.656	4661.3
#3	4470.4	58627.	5331.0	71.642	4681.6

Sample Name: LR CHECK 1 Acquired: 4/29/2019 16:35:40 Type: Unk
Method: P4-ICP2(v3079) 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	-.15052	-.14541	.02000	-.01051	.04575	1993.0	.01359	.04937
Stddev	.00963	.00412	.00351	.01576	.00153	21.1	.00064	.00053
%RSD	6.3971	2.8331	17.530	149.93	3.3332	1.0607	4.7401	1.0721

#1	-.16037	-.14336	.02001	.00481	.04687	2014.0	.01293	.04924
#2	-.14112	-.14271	.02351	-.00967	.04402	1993.2	.01421	.04995
#3	-.15007	-.15015	.01649	-.02667	.04637	1971.7	.01363	.04892

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14648	1723.6	-.08741	.08149	1.2959	811.66	-.00123	1621.0
Stddev	.00135	13.2	.00034	.00020	.0105	5.81	.00013	8.4
%RSD	.92396	.76765	.38594	.24605	.81120	.71575	10.505	.51605

#1	.14493	1735.8	-.08762	.08128	1.2862	818.24	-.00110	1630.4
#2	.14708	1709.5	-.08758	.08167	1.3071	807.24	-.00136	1617.9
#3	.14743	1725.3	-.08702	.08152	1.2943	809.50	-.00123	1614.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05529	-.19659	1644.5	.02622	.23647	943.01	-.01182	-.83256
Stddev	.00099	.00105	27.2	.00071	.00313	3.71	.00089	.02220
%RSD	1.7938	.53317	1.6544	2.7089	1.3253	.39363	7.5370	2.6668

#1	-.05521	-.19602	1675.9	.02691	.23295	946.63	-.01232	-.81221
#2	-.05632	-.19779	1628.0	.02627	.23896	943.18	-.01235	-.82922
#3	-.05434	-.19594	1629.7	.02549	.23749	939.21	-.01079	-.85624

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36163	-.01400	.05677	-.05250	.09567	.0607	-.87701	<.00000
Stddev	.00890	.00223	.00137	.00165	.00170	.0073	.00640	.06130
%RSD	2.4601	15.957	2.4178	3.1336	1.7722	12.06	.73026	.78804

#1	.35173	-.01577	.05687	-.05440	.09472	.0522	-.88427	-7.7659
#2	.36419	-.01474	.05534	-.05163	.09468	.0648	-.87213	-7.8448
#3	.36896	-.01149	.05808	-.05148	.09763	.0650	-.87465	-7.7241

Sample Name: LR CHECK 1 Acquired: 4/29/2019 16:35:40 Type: Unk
 Method: P4-ICP2(v3079) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.6	41560.	4590.6	50.816	2477.9
Stddev	6.4	237.	34.5	1.372	5.0
%RSD	.20491	.57032	.75105	2.7004	.20150

#1	3111.8	41288.	4551.4	52.347	2483.6
#2	3101.3	41670.	4616.5	49.697	2474.4
#3	3112.7	41722.	4603.7	50.404	2475.6

Sample Name: LR CHECK 2 Acquired: 4/29/2019 16:50:45 Type: Unk
Method: P4-ICP2(v3075) 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	-.00262	-.01377	228.49	.02400	-.00450	-.27996	95.610	-.00091
Stddev	.00101	.00068	.59	.00160	.00114	.00678	.530	.00007
%RSD	38.534	4.9273	.25992	6.6618	25.272	2.4224	.55426	8.1828

#1	-.00315	-.01443	228.14	.02527	-.00466	-.28643	95.305	-.00085
#2	-.00325	-.01381	229.18	.02452	-.00330	-.28055	95.303	-.00090
#3	-.00145	-.01307	228.16	.02221	-.00556	-.27290	96.222	-.00099

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00388	.15649	-.12647	-.00856	248.40	-.82169	42.727	-.09390
Stddev	.00010	.00260	.00027	.00011	.79	.00325	.197	.03074
%RSD	2.6494	1.6607	.21357	1.2909	.31830	.39572	.46104	32.740

#1	-.00376	.15604	-.12635	-.00847	248.22	-.81893	42.500	-.08423
#2	-.00394	.15928	-.12678	-.00854	249.27	-.82527	42.851	-.06916
#3	-.00393	.15414	-.12629	-.00868	247.71	-.82086	42.829	-.12832

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.428	.00889	.14764	-.04265	34.486	.24670	-.01000	.00040
Stddev	.055	.00026	.03057	.00089	.569	.05293	.00009	.01427
%RSD	.11173	2.9216	20.706	2.0886	1.6496	21.457	.94466	3562.6

#1	49.484	.00900	.11727	-.04163	35.135	.19437	-.01002	-.01548
#2	49.426	.00860	.14723	-.04326	34.248	.30022	-.01008	.00451
#3	49.374	.00908	.17841	-.04307	34.075	.24550	-.00990	.01217

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06004	-.01086	-.00124	.02083	-.00818	.6297	.00255	3.4815
Stddev	.00238	.00091	.00102	.00136	.00202	.0173	.00007	.1884
%RSD	3.9681	8.3769	82.293	6.5327	24.647	2.750	2.9225	5.4127

#1	.05754	-.01006	-.00198	.02196	-.00646	.6434	.00246	3.4626
#2	.06029	-.01185	-.00008	.02121	-.01040	.6103	.00258	3.6787
#3	.06229	-.01068	-.00167	.01932	-.00769	.6355	.00260	3.3032

Sample Name: LR CHECK 2 Acquired: 4/29/2019 16:50:45 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	278.85
Stddev	51.10
%RSD	18.327

#1	335.60
#2	236.48
#3	264.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.3	60556.	5461.8	72.925	4890.7
Stddev	6.7	207.	21.4	.136	4.4
%RSD	.14856	.34252	.39162	.18707	.09001

#1	4513.5	60761.	5484.9	72.808	4892.9
#2	4501.6	60560.	5458.0	72.892	4885.6
#3	4512.8	60346.	5442.6	73.075	4893.5

Sample Name: CCV06 Acquired: 4/29/2019 17:06:38 Type: Unk
Method: P4-ICP2(v3075) 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	5.0373	5.1083	4.9605	5.1936	5.0390	9.9074	10.280	.25584
Stddev	.0169	.0110	.0020	.0062	.0160	.0831	.026	.00072
%RSD	.33462	.21535	.04055	.11957	.31853	.83835	.25497	.28028
#1	5.0568	5.0996	4.9616	5.1995	5.0575	9.8117	10.251	.25546
#2	5.0275	5.1045	4.9617	5.1872	5.0286	9.9492	10.285	.25538
#3	5.0278	5.1206	4.9582	5.1942	5.0310	9.9612	10.303	.25666
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4738	25.191	1.0064	2.4965	1.2457	5.0279	2.5466	25.491
Stddev	.0015	.083	.0014	.0006	.0065	.0032	.0042	.110
%RSD	.06240	.32926	.13646	.02474	.52238	.06326	.16649	.43043
#1	2.4749	25.139	1.0048	2.4959	1.2529	5.0243	2.5462	25.365
#2	2.4744	25.147	1.0071	2.4971	1.2403	5.0302	2.5510	25.553
#3	2.4720	25.286	1.0073	2.4965	1.2439	5.0293	2.5425	25.557
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5145	1.2491	25.453	2.5116	2.4983	25.606	5.0902	5.1752
Stddev	.0010	.0031	.069	.0046	.0010	.067	.0179	.0295
%RSD	.04087	.24782	.26919	.18480	.03905	.26161	.35226	.56989
#1	2.5133	1.2472	25.411	2.5142	2.4994	25.534	5.1105	5.1859
#2	2.5147	1.2475	25.417	2.5143	2.4974	25.619	5.0767	5.1418
#3	2.5154	1.2527	25.533	2.5062	2.4983	25.666	5.0833	5.1979
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0699	4.8000	5.0341	5.0142	4.8055	5.140	5.0728	F 4.3664
Stddev	.0091	.0156	.0116	.0135	.0097	.014	.0151	.1340
%RSD	.17879	.32480	.23128	.26915	.20209	.2618	.29716	3.0695
#1	5.0803	4.8006	5.0462	5.0003	4.8055	5.141	5.0794	4.3252
#2	5.0663	4.7841	5.0230	5.0152	4.7957	5.126	5.0555	4.5162
#3	5.0633	4.8152	5.0329	5.0272	4.8151	5.153	5.0833	4.2578

Sample Name: CCV06 Acquired: 4/29/2019 17:06:38 Type: Unk
Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 8.8416
Stddev 32.229
%RSD 364.52

#1 -19.234
#2 1.7248
#3 44.034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4626.5	59734.	5522.8	72.997	4718.4
Stddev	17.8	62.	22.9	.757	4.5
%RSD	.38419	.10342	.41405	1.0368	.09519

#1	4606.0	59664.	5498.2	73.274	4713.3
#2	4637.9	59760.	5543.4	72.140	4720.2
#3	4635.6	59779.	5527.0	73.575	4721.7

Sample Name: CCB06 Acquired: 4/29/2019 17:15:01 Type: Unk
Method: P4-ICP2(v3075) 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	.00029	-.00046	.00400	.00000	-.00126	-.01555	.00084
Stddev	.00133	.00098	.00107	.00131	.00103	.00278	.00033
%RSD	460.57	210.62	26.701	62209.	81.100	17.858	39.647

#1	-.00090	-.00150	.00477	-.00095	-.00019	-.01650	.00123
#2	.00172	.00044	.00278	-.00054	-.00223	-.01773	.00062
#3	.00005	-.00034	.00444	.00150	-.00138	-.01242	.00068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00016	-.00619	.00021	.00009	-.00019	-.00034
Stddev	.00004	.00004	.00448	.00018	.00016	.00022	.00055
%RSD	37.713	24.578	72.383	82.650	177.68	112.93	163.78

#1	-.00013	-.00019	-.00125	.00009	.00011	-.00042	-.00064
#2	-.00010	-.00016	-.00733	.00014	.00023	-.00015	.00030
#3	-.00006	-.00011	-.00999	.00042	-.00008	.00000	-.00066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00042	.00069	.00023	-.01636	-.00001	-.00239
Stddev	.00003	.01562	.00047	.00012	.01003	.00010	.00003
%RSD	139.01	3688.1	67.339	52.799	61.306	1949.3	1.0624

#1	.00005	.01781	.00118	.00035	-.02759	-.00003	-.00241
#2	-.00001	-.00412	.00066	.00025	-.00831	.00011	-.00236
#3	.00003	-.01242	.00025	.00010	-.01317	-.00010	-.00240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01614	-.00018	.00973	F -.02753	-.00246	-.00070	-.00258
Stddev	.01618	.00021	.01262	.00221	.00087	.00013	.00154
%RSD	100.25	119.43	129.65	8.0240	35.538	18.984	59.692

#1	-.01296	-.00039	.02112	-.02789	-.00185	-.00084	-.00103
#2	-.03368	.00003	-.00384	-.02516	-.00346	-.00058	-.00411
#3	-.00179	-.00017	.01193	-.02953	-.00207	-.00068	-.00259

Sample Name: CCB06 Acquired: 4/29/2019 17:15:01 Type: Unk
 Method: P4-ICP2(v3075) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00463	-0.0031	.00005	1.9422	190.87
Stddev	.00041	.0007	.00009	.2857	110.32
%RSD	8.9071	21.77	164.20	14.712	57.799

#1	-0.00428	-0.0024	-0.00003	1.8328	306.06
#2	-0.00454	-0.0038	.00015	2.2665	86.171
#3	-0.00509	-0.0033	.00004	1.7274	180.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4869.9	62569.	5613.1	77.050	5463.5
Stddev	7.1	71.	13.6	.145	4.0
%RSD	.14495	.11419	.24300	.18764	.07335

#1	4863.4	62554.	5600.8	77.217	5459.6
#2	4877.4	62506.	5627.8	76.958	5463.2
#3	4868.8	62646.	5610.6	76.975	5467.6