

Sample Name: PB116722BL Acquired: 2/11/2019 19:12:06 Type: Unk
Method: P4-ICP2(v2840) 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	-.00001	-.00096	.00012	-.00140	-.00047	-.00311	-.00286
Stddev	.00198	.00133	.00058	.00116	.00097	.01219	.00370
%RSD	30302.	138.28	478.01	82.676	203.74	392.68	129.22

#1	-.00066	.00056	-.00050	-.00127	-.00129	-.01671	.00130
#2	-.00158	-.00157	.00023	-.00262	-.00073	.00056	-.00410
#3	.00222	-.00187	.00064	-.00031	.00059	.00683	-.00579

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00006	.00614	.00016	.00001	-.00007	-.00185
Stddev	.00007	.00012	.00640	.00010	.00027	.00004	.00134
%RSD	205.61	207.80	104.26	63.922	2185.1	51.417	72.368

#1	.00004	.00008	.00711	.00026	.00027	-.00010	-.00247
#2	.00010	-.00011	-.00069	.00006	.00005	-.00003	-.00031
#3	-.00004	-.00014	.01200	.00016	-.00027	-.00009	-.00276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.03998	.00031	-.00067	-.01843	.00014	-.00022
Stddev	.00005	.07294	.00018	.00021	.01528	.00044	.00006
%RSD	4971.1	182.44	59.067	31.119	82.940	323.96	25.109

#1	.00003	.01628	.00042	-.00084	-.01446	-.00016	-.00020
#2	-.00006	-.01816	.00010	-.00073	-.00552	.00065	-.00028
#3	.00003	.12183	.00040	-.00044	-.03530	-.00008	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07240	-.00023	-.00827	F -.01232	.00041	-.00063	.00135
Stddev	.00895	.00014	.00464	.02732	.00119	.00063	.00186
%RSD	12.358	61.499	56.064	221.70	293.21	99.683	137.38

#1	-.07598	-.00038	-.01191	.01245	-.00011	-.00121	.00191
#2	-.06222	-.00009	-.00305	-.04162	.00177	.00004	-.00072
#3	-.07900	-.00022	-.00986	-.00780	-.00044	-.00072	.00287

Sample Name: PB116722BL Acquired: 2/11/2019 19:12:06 Type: Unk
 Method: P4-ICP2(v2840) 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	-.00192	.0012	-.00007	F<.00000	F .43700
Stddev	.00142	.0005	.00009	.77102	2.2582
%RSD	74.239	38.81	126.70	23.583	516.76
#1	-.00208	.0017	-.00001	-2.5234	-1.2798
#2	-.00325	.0012	-.00016	-4.0632	2.9951
#3	-.00042	.0008	-.00003	-3.2218	-.40437
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2871.6	36691.	3801.7	13.587	3552.9
Stddev	3.4	345.	20.3	1.855	7.9
%RSD	.11763	.93951	.53386	13.655	.22148
#1	2874.7	36466.	3818.6	13.393	3554.9
#2	2872.1	37088.	3779.2	11.836	3544.2
#3	2868.0	36519.	3807.4	15.532	3559.6

Sample Name: S0 Acquired: 2/11/2019 17:28:03 Type: Cal
Method: P4-ICP2(v2840) 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	-.00029	.00002	.00529	.00026	.00078	.00013	.13283	-.00006
Stddev	.00008	.00008	.00020	.00011	.00010	.00007	.00266	.00001
%RSD	26.619	370.70	3.7187	42.296	12.324	51.630	2.0039	14.451

#1	-.00029	-.00007	.00535	.00039	.00087	.00022	.13208	-.00006
#2	-.00022	.00005	.00544	.00018	.00068	.00010	.13578	-.00005
#3	-.00037	.00008	.00507	.00022	.00078	.00009	.13062	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00233	-.00077	-.00044	-.00032	.00011	.00805	-.00006	.00026
Stddev	.00044	.00069	.00010	.00020	.00014	.00026	.00004	.00030
%RSD	18.732	89.283	23.269	63.405	119.72	3.2867	72.284	115.32

#1	-.00204	-.00049	-.00033	-.00037	.00024	.00812	-.00003	-.00009
#2	-.00283	-.00156	-.00052	-.00049	.00013	.00827	-.00004	.00042
#3	-.00211	-.00027	-.00049	-.00010	-.00003	.00776	-.00011	.00044

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	-.00514	.00064	.01161	.00016	.00457	-.11240	.00057	.00073
Stddev	.00020	.00010	.00140	.00010	.00007	.00202	.00014	.00013
%RSD	3.9253	15.284	12.085	64.570	1.5366	1.8003	24.183	17.734

#1	-.00523	.00074	.01020	.00008	.00454	-.11230	.00044	.00083
#2	-.00491	.00055	.01163	.00028	.00452	-.11448	.00057	.00058
#3	-.00529	.00062	.01300	.00012	.00465	-.11044	.00071	.00079

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	.00034	.00995	.00077	.00184	.00967	-.0029	-.00953	3463.1
Stddev	.00008	.00117	.00011	.00043	.00239	.0001	.00093	5.2
%RSD	23.017	11.756	14.570	23.381	24.756	3.507	9.7359	.15083

#1	.00025	.01021	.00080	.00216	.00882	-.0030	-.01057	3464.4
#2	.00038	.01096	.00065	.00135	.01237	-.0029	-.00880	3457.3
#3	.00039	.00867	.00087	.00200	.00782	-.0028	-.00920	3467.5

Sample Name: S0 Acquired: 2/11/2019 17:28:03 Type: Cal
Method: P4-ICP2(v2840) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-45.456
Stddev	4.917
%RSD	10.817

#1	-39.928
#2	-49.341
#3	-47.099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.5	35589.	3825.7	14.013	3489.3
Stddev	5.0	21.	20.4	1.077	10.0
%RSD	.18224	.06036	.53415	7.6849	.28547

#1	2757.6	35565.	3806.8	14.436	3478.1
#2	2762.2	35596.	3847.4	12.789	3497.2
#3	2767.7	35607.	3823.0	14.814	3492.6

Sample Name: S1 Acquired: 2/11/2019 17:32:29 Type: Cal
Method: P4-ICP2(v2840) 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	.00093	.00458	.00925	.00172	.00912	.00114	.21299	.00682
Stddev	.00010	.00014	.00027	.00021	.00017	.00018	.00187	.00036
%RSD	10.234	2.9552	2.9161	11.969	1.8608	15.440	.87931	5.2138

#1	.00088	.00462	.00903	.00189	.00916	.00102	.21493	.00699
#2	.00104	.00443	.00916	.00149	.00927	.00106	.21120	.00641
#3	.00087	.00470	.00955	.00177	.00893	.00134	.21283	.00706

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	.01515	.00188	.03767	.01582	.04117	.03404	.02290	.00332
Stddev	.00021	.00004	.00027	.00029	.00096	.00180	.00028	.00011
%RSD	1.4109	2.3064	.72613	1.8289	2.3261	5.2880	1.2279	3.3350

#1	.01537	.00190	.03736	.01613	.04127	.03506	.02322	.00343
#2	.01513	.00183	.03786	.01556	.04017	.03196	.02277	.00321
#3	.01495	.00191	.03779	.01576	.04207	.03510	.02271	.00331

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	.00932	.10594	.15364	.00508	.00041	.17577	.00852	.01498
Stddev	.00035	.00021	.00047	.00027	.00003	.00337	.00018	.00099
%RSD	3.7145	.19938	.30635	5.2557	6.2907	1.9167	2.0746	6.5894

#1	.00961	.10587	.15418	.00495	.00044	.17716	.00856	.01501
#2	.00894	.10577	.15345	.00491	.00039	.17193	.00868	.01397
#3	.00942	.10618	.15330	.00539	.00040	.17822	.00833	.01595

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04170	-.0012	.24925	3685.2	-45.158
Stddev	.00144	.0001	.00165	192.5	2.435
%RSD	3.4578	7.125	.66392	5.2232	5.3928

#1	.04046	-.0011	.24736	3585.3	-47.719
#2	.04136	-.0012	.24995	3907.1	-44.883
#3	.04328	-.0013	.25044	3563.2	-42.871

Sample Name: S1 Acquired: 2/11/2019 17:32:29 Type: Cal
Method: P4-ICP2(v2840) 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	2783.2	36824.	3823.2	16.129	3489.1
Stddev	13.2	1600.	46.3	1.788	5.4
%RSD	.47570	4.3440	1.2105	11.086	.15520
#1	2769.5	35859.	3818.5	16.041	3487.7
#2	2796.0	38671.	3871.6	17.959	3495.0
#3	2784.1	35943.	3779.4	14.386	3484.5

Sample Name: S2 Acquired: 2/11/2019 17:36:54 Type: Cal
Method: P4-ICP2(v2840) 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	.10968	.02274	.61960	.06483
Stddev	.00077	.00051	.00361	.00248
%RSD	.69748	2.2257	.58219	3.8211

#1	.11008	.02269	.61815	.06414
#2	.10880	.02226	.61695	.06758
#3	.11017	.02327	.62371	.06277

Int. Std.	Y_3710
Units	Cts/S
Avg	3853.2
Stddev	26.5
%RSD	.68889

#1	3851.9
#2	3880.4
#3	3827.3

Sample Name: S3 Acquired: 2/11/2019 17:41:10 Type: Cal
Method: P4-ICP2(v2840) 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	.15385	.26450	.77767	.18275	.38801	.04918	4.0292	.13978
Stddev	.00056	.00085	.00302	.00068	.00099	.00057	.0376	.00045
%RSD	.36313	.32322	.38810	.37418	.25552	1.1565	.93201	.32148
#1	.15436	.26453	.78080	.18353	.38890	.04863	4.0509	.13959
#2	.15394	.26534	.77744	.18225	.38820	.04914	4.0508	.14029
#3	.15325	.26363	.77478	.18248	.38694	.04977	3.9858	.13945
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6233	.65889	.11772	1.4299	.45884	.78093	1.9721	.13519
Stddev	.0043	.00198	.00079	.0018	.00135	.00940	.0047	.00212
%RSD	.11724	.30017	.66993	.12495	.29488	1.2034	.23913	1.5662
#1	3.6212	.66037	.11715	1.4286	.45964	.78493	1.9673	.13731
#2	3.6282	.65664	.11862	1.4319	.45961	.78766	1.9768	.13520
#3	3.6205	.65965	.11739	1.4291	.45728	.77019	1.9722	.13307
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	.80044	.17369	3.6696	.26327	2.9644	.95857	1.7871	.10720
Stddev	.00302	.00076	.0395	.00143	.0044	.00497	.0021	.00080
%RSD	.37790	.43732	1.0772	.54279	.14765	.51858	.11696	.75093
#1	.80117	.17325	3.6935	.26262	2.9671	.96084	1.7893	.10692
#2	.80304	.17457	3.6914	.26491	2.9668	.96200	1.7869	.10810
#3	.79712	.17325	3.6240	.26228	2.9594	.95287	1.7852	.10656
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	.01371	1.0112	.44190	.73159	3.7564	.2345	31.507	3308.2
Stddev	.00012	.0140	.00042	.00376	.0219	.0007	.133	32.3
%RSD	.90675	1.3864	.09581	.51410	.58339	.2937	.42253	.97538
#1	.01376	1.0181	.44226	.72978	3.7597	.2351	31.526	3344.8
#2	.01381	1.0204	.44201	.73591	3.7765	.2346	31.629	3283.8
#3	.01357	.99508	.44143	.72908	3.7330	.2337	31.365	3296.1

Sample Name: S3 Acquired: 2/11/2019 17:41:10 Type: Cal
 Method: P4-ICP2(v2840) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-58.062
Stddev	7.270
%RSD	12.522

#1	-50.420
#2	-58.873
#3	-64.892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.9	34765.	3776.6	14.539	3245.3
Stddev	3.0	118.	38.6	.896	3.1
%RSD	.10997	.34081	1.0214	6.1630	.09600

#1	2728.5	34897.	3751.4	13.811	3242.7
#2	2733.1	34669.	3757.4	15.540	3244.3
#3	2734.2	34729.	3821.0	14.265	3248.7

Sample Name: S4 Acquired: 2/11/2019 17:45:09 Type: Cal
Method: P4-ICP2(v2840) 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	.30840	.53168	1.5604	.36524	.77269	.09864	7.8915	.27866
Stddev	.00113	.00076	.0024	.00223	.00298	.00017	.0361	.00028
%RSD	.36595	.14262	.15645	.61095	.38524	.17314	.45768	.09960

#1	.30964	.53131	1.5582	.36776	.77598	.09854	7.9026	.27849
#2	.30815	.53255	1.5630	.36445	.77188	.09854	7.8512	.27851
#3	.30742	.53117	1.5599	.36352	.77020	.09884	7.9208	.27898

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3797	1.3108	.23481	2.9008	.89967	1.5198	3.9019	.26483
Stddev	.0138	.0023	.00142	.0031	.00243	.0073	.0039	.00119
%RSD	.18688	.17317	.60450	.10829	.26968	.48131	.09867	.45072

#1	7.3784	1.3104	.23364	2.9013	.90211	1.5188	3.8979	.26365
#2	7.3941	1.3133	.23639	2.9036	.89964	1.5276	3.9056	.26481
#3	7.3666	1.3088	.23440	2.8974	.89726	1.5131	3.9021	.26603

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	1.6175	.34438	7.2337	.52233	6.0740	1.9862	3.5389	.20955
Stddev	.0039	.00130	.0271	.00039	.0106	.0126	.0107	.00051
%RSD	.24156	.37611	.37404	.07481	.17524	.63659	.30319	.24367

#1	1.6153	.34306	7.2281	.52218	6.0778	1.9910	3.5472	.20899
#2	1.6220	.34565	7.2099	.52277	6.0822	1.9718	3.5428	.20998
#3	1.6152	.34443	7.2632	.52203	6.0620	1.9957	3.5268	.20967

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	.02791	1.9793	.89381	1.4534	7.4138	.4880	62.606	3192.1
Stddev	.00019	.0104	.00220	.0030	.0309	.0007	.208	38.6
%RSD	.68118	.52408	.24567	.20378	.41746	.1445	.33149	1.2105

#1	.02805	1.9674	.89397	1.4500	7.4213	.4874	62.734	3233.0
#2	.02798	1.9845	.89593	1.4554	7.3798	.4888	62.367	3156.2
#3	.02769	1.9861	.89154	1.4548	7.4403	.4878	62.717	3187.1

Sample Name: S4 Acquired: 2/11/2019 17:45:09 Type: Cal
 Method: P4-ICP2(v2840) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-52.947
Stddev	16.243
%RSD	30.678

#1	-34.311
#2	-64.099
#3	-60.431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.5	34308.	3782.7	13.966	3115.4
Stddev	12.9	44.	1.9	1.277	8.9
%RSD	.47682	.12740	.04954	9.1453	.28460

#1	2692.4	34297.	3780.8	12.681	3107.0
#2	2709.5	34272.	3784.5	15.235	3114.5
#3	2717.7	34357.	3782.7	13.983	3124.7

Sample Name: S5 Acquired: 2/11/2019 17:49:09 Type: Cal
Method: P4-ICP2(v2840) 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	.61452	1.0557	3.1408	.72404	1.5357	.19875	15.843	.54954
Stddev	.00222	.0017	.0061	.00114	.0015	.00115	.066	.00094
%RSD	.36163	.15678	.19365	.15805	.09993	.57741	.41641	.17022

#1	.61232	1.0539	3.1398	.72386	1.5342	.19789	15.883	.55022
#2	.61676	1.0564	3.1474	.72527	1.5372	.19831	15.879	.54992
#3	.61448	1.0569	3.1354	.72301	1.5358	.20006	15.767	.54847

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	14.969	2.5760	.46220	5.8911	1.7537	3.0706	7.6160	.52286
Stddev	.021	.0065	.00236	.0122	.0057	.0194	.0027	.00114
%RSD	.13869	.25324	.51124	.20635	.32790	.63190	.03617	.21809

#1	14.955	2.5753	.45988	5.8849	1.7525	3.0781	7.6142	.52413
#2	14.993	2.5828	.46460	5.9051	1.7599	3.0851	7.6191	.52193
#3	14.959	2.5698	.46213	5.8833	1.7486	3.0486	7.6146	.52251

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2798	.68495	14.515	1.0381	12.388	4.0768	6.9596	.41597
Stddev	.0069	.00256	.076	.0013	.025	.0195	.0183	.00201
%RSD	.21028	.37304	.52069	.12782	.20459	.47911	.26312	.48335

#1	3.2741	.68204	14.577	1.0395	12.374	4.0941	6.9527	.41679
#2	3.2874	.68685	14.538	1.0368	12.417	4.0806	6.9803	.41744
#3	3.2778	.68594	14.431	1.0381	12.372	4.0556	6.9457	.41368

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	.05781	3.8756	1.8074	2.8905	14.757	1.008	122.74	3107.2
Stddev	.00010	.0329	.0030	.0042	.061	.004	1.19	23.9
%RSD	.17951	.84859	.16582	.14530	.41147	.4494	.97286	.76953

#1	.05773	3.8851	1.8055	2.8875	14.786	1.003	122.74	3129.4
#2	.05793	3.9027	1.8109	2.8953	14.799	1.008	123.94	3110.5
#3	.05777	3.8390	1.8059	2.8887	14.688	1.012	121.55	3081.9

Sample Name: S5 Acquired: 2/11/2019 17:49:09 Type: Cal
 Method: P4-ICP2(v2840) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	9.9944
Stddev	15.792
%RSD	158.01

#1	-7.5229
#2	14.366
#3	23.141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.6	33873.	3799.4	13.488	2960.3
Stddev	10.1	39.	36.3	1.404	9.1
%RSD	.37810	.11401	.95502	10.408	.30825

#1	2668.4	33913.	3777.3	14.379	2956.2
#2	2665.2	33836.	3779.7	11.870	2953.9
#3	2684.1	33871.	3841.3	14.215	2970.7

Sample Name: ICV01 Acquired: 2/11/2019 17:53:15 Type: Unk
Method: P4-ICP2(v2840) 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	.98620	.99798	.97100	.99478	.98720	2.4311	.49032
Stddev	.00104	.00203	.00172	.00648	.00224	.0462	.00230
%RSD	.10584	.20299	.17750	.65163	.22698	1.8996	.46833

#1	.98512	1.0003	.97034	.99561	.98819	2.4513	.49018
#2	.98721	.99678	.97296	.98793	.98878	2.3783	.48810
#3	.98628	.99685	.96971	1.0008	.98464	2.4637	.49269

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47040	.47133	9.9920	.48980	.47909	.50991	5.4033
Stddev	.00274	.00122	.0346	.00365	.00116	.00034	.0430
%RSD	.58281	.25953	.34601	.74471	.24233	.06618	.79535

#1	.47289	.47157	9.9707	.49243	.47845	.51025	5.3891
#2	.46746	.47241	10.032	.48564	.48043	.50958	5.4515
#3	.47083	.47000	9.9733	.49134	.47839	.50989	5.3692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49876	5.8651	.48228	.49344	9.7196	.48779	.93017
Stddev	.00263	.0886	.00119	.00473	.0941	.00367	.00265
%RSD	.52734	1.5104	.24684	.95894	.96870	.75234	.28438

#1	.50044	5.8831	.48135	.49760	9.7319	.49112	.93123
#2	.49572	5.9433	.48363	.48830	9.8071	.48386	.93212
#3	.50010	5.7689	.48187	.49442	9.6199	.48839	.92716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9078	2.4435	2.4217	F -.03600	2.3493	2.3346	2.4212
Stddev	.0092	.0065	.0054	.03207	.0288	.0051	.0130
%RSD	.09302	.26650	.22164	89.080	1.2246	.21811	.53556

#1	9.9130	2.4476	2.4162	-.01631	2.3423	2.3299	2.4209
#2	9.8971	2.4470	2.4269	-.07301	2.3810	2.3400	2.4344
#3	9.9132	2.4360	2.4218	-.01868	2.3248	2.3341	2.4085

Sample Name: ICV01 Acquired: 2/11/2019 17:53:15 Type: Unk
Method: P4-ICP2(v2840) 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 .00203	F -.0002	F .00560	F<.00000	F 27.037
Stddev	.00171	.0014	.00012	.75856	1.975
%RSD	84.222	953.7	2.1133	787.38	7.3060
#1	.00008	.0003	.00573	.64349	29.308
#2	.00273	.0010	.00550	-.87233	26.085
#3	.00329	-.0018	.00557	-.06018	25.718
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.1	36058.	3921.8	15.966	3415.1
Stddev	13.3	297.	35.9	.521	16.2
%RSD	.47167	.82235	.91530	3.2608	.47296
#1	2818.9	35785.	3923.2	15.594	3407.4
#2	2819.9	36374.	3885.2	16.561	3404.2
#3	2842.5	36017.	3957.0	15.745	3433.7

Sample Name: LLICV01 Acquired: 2/11/2019 18:17:22 Type: Unk
Method: P4-ICP2(v2840) 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	.01844	.04304	.01323	.02036	.05610	.10523	.10342
Stddev	.00339	.00093	.00052	.00077	.00144	.00927	.00212
%RSD	18.368	2.1671	3.9062	3.7638	2.5755	8.8130	2.0503

#1	.01874	.04296	.01382	.02104	.05736	.11379	.10098
#2	.01492	.04400	.01284	.01953	.05452	.09538	.10479
#3	.02167	.04214	.01304	.02052	.05642	.10653	.10450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	.00585	2.1091	.01039	.03257	.02145	.10530
Stddev	.00007	.00004	.0140	.00052	.00004	.00090	.00301
%RSD	1.0782	.64859	.66379	4.9915	.11366	4.1747	2.8575

#1	.00624	.00581	2.1002	.00987	.03261	.02042	.10262
#2	.00632	.00588	2.1018	.01091	.03256	.02192	.10855
#3	.00638	.00587	2.1252	.01040	.03253	.02201	.10471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02253	2.2219	.04300	.00977	2.1309	.04477	.04100
Stddev	.00020	.0650	.00064	.00047	.0177	.00021	.00018
%RSD	.90336	2.9253	1.4898	4.8594	.83300	.46150	.44102

#1	.02234	2.1555	.04358	.00991	2.1220	.04494	.04108
#2	.02252	2.2854	.04232	.00924	2.1194	.04454	.04113
#3	.02274	2.2247	.04310	.01015	2.1514	.04484	.04079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1471	.21402	.09938	F .03245	.41915	.04279	.04414
Stddev	.0336	.00052	.00781	.00512	.00452	.00072	.00383
%RSD	1.5647	.24388	7.8570	15.782	1.0789	1.6921	8.6857

#1	2.1842	.21396	.10572	.03223	.41901	.04338	.04857
#2	2.1384	.21456	.10175	.03768	.41469	.04198	.04204
#3	2.1187	.21352	.09066	.02744	.42373	.04300	.04181

Sample Name: LLICV01 Acquired: 2/11/2019 18:17:22 Type: Unk
 Method: P4-ICP2(v2840) 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	.01847	.0167	.02044	F<.00000	F<.00000
Stddev	.00248	.0008	.00009	.77563	1.3587
%RSD	13.400	4.708	.45001	40.006	382.29
#1	.01795	.0176	.02035	-1.8514	-.31608
#2	.02117	.0164	.02045	-1.2105	.98322
#3	.01631	.0161	.02053	-2.7544	-1.7334
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.4	36193.	3858.2	15.007	3528.6
Stddev	8.0	70.	29.5	.790	16.0
%RSD	.28207	.19326	.76546	5.2648	.45214
#1	2822.4	36170.	3883.2	15.866	3511.0
#2	2837.3	36137.	3865.8	14.843	3542.1
#3	2834.6	36271.	3825.6	14.311	3532.7

Sample Name: ICB01 Acquired: 2/11/2019 18:21:47 Type: Unk
Method: P4-ICP2(v2840) 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	.00135	-.00094	-.00078	-.00398	-.00144	.02234	-.00106
Stddev	.00080	.00105	.00056	.00133	.00089	.00952	.00088
%RSD	59.097	111.40	72.641	33.359	62.057	42.609	83.341

#1	.00227	-.00156	-.00047	-.00514	-.00242	.02645	-.00205
#2	.00095	.00027	-.00143	-.00427	-.00068	.02912	-.00076
#3	.00083	-.00153	-.00043	-.00253	-.00122	.01146	-.00036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00004	.01127	.00023	-.00014	-.00030	.00139
Stddev	.00009	.00004	.00658	.00047	.00037	.00036	.00142
%RSD	139.88	103.51	58.378	207.35	266.81	120.46	102.12

#1	.00004	-.00001	.01386	-.00027	-.00055	.00001	-.00025
#2	-.00001	-.00009	.00379	.00030	-.00004	-.00021	.00226
#3	.00017	-.00002	.01617	.00066	.00017	-.00070	.00215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.06772	-.00005	-.00060	-.02037	.00011	-.00012
Stddev	.00003	.07277	.00035	.00023	.00783	.00049	.00006
%RSD	55.878	107.45	703.81	37.942	38.420	466.98	49.879

#1	.00002	.06351	-.00045	-.00058	-.02333	.00044	-.00014
#2	.00006	.14250	.00022	-.00038	-.01150	-.00046	-.00016
#3	.00007	-.00285	.00008	-.00083	-.02629	.00034	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01186	-.00011	-.00768	F .00765	-.00057	-.00078	.00146
Stddev	.02245	.00028	.00846	.01172	.00211	.00048	.00329
%RSD	189.30	244.51	110.13	153.32	367.00	61.024	226.12

#1	.01304	-.00043	-.00582	-.00076	.00083	-.00023	.00427
#2	-.01807	.00004	-.00030	.00266	-.00300	-.00102	-.00217
#3	-.03055	.00005	-.01691	.02104	.00044	-.00109	.00227

Sample Name: ICB01 Acquired: 2/11/2019 18:21:47 Type: Unk
Method: P4-ICP2(v2840) 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	-.00399	-.0009	.00003	F<.00000	F<.00000
Stddev	.00044	.0009	.00002	.15838	.58611
%RSD	11.107	95.85	47.657	10.905	113.81
#1	-.00392	.0000	.00005	-1.4821	-1.1079
#2	-.00447	-.0011	.00003	-1.5938	-.50104
#3	-.00359	-.0017	.00002	-1.2812	.06405
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2836.0	36118.	3816.2	14.102	3542.5
Stddev	18.0	79.	7.4	.435	17.7
%RSD	.63361	.21792	.19380	3.0842	.49844
#1	2818.6	36140.	3824.6	14.466	3524.3
#2	2834.9	36031.	3813.2	13.620	3543.7
#3	2854.5	36184.	3810.8	14.220	3559.6

Sample Name: CRI01 Acquired: 2/11/2019 18:26:14 Type: Unk
Method: P4-ICP2(v2840) 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	.02034	.04584	.01324	.01952	.05667	.12908	.10959
Stddev	.00200	.00099	.00027	.00185	.00107	.01286	.00175
%RSD	9.8368	2.1525	2.0243	9.4749	1.8852	9.9610	1.5964

#1	.02074	.04694	.01298	.02160	.05788	.14375	.10961
#2	.02210	.04502	.01352	.01805	.05584	.12368	.10783
#3	.01816	.04556	.01324	.01891	.05629	.11980	.11133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	.00586	2.1910	.01099	.03299	.02249	.10770
Stddev	.00009	.00004	.0037	.00021	.00035	.00051	.00224
%RSD	1.3620	.67553	.16846	1.9264	1.0747	2.2701	2.0760

#1	.00629	.00587	2.1915	.01123	.03270	.02294	.10521
#2	.00645	.00590	2.1871	.01083	.03288	.02194	.10952
#3	.00633	.00582	2.1944	.01091	.03338	.02260	.10837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02288	2.2612	.04384	.01036	2.1520	.04588	.04165
Stddev	.00016	.0602	.00038	.00101	.0092	.00055	.00003
%RSD	.70589	2.6614	.87389	9.7421	.42589	1.1916	.07206

#1	.02277	2.1939	.04427	.00921	2.1472	.04587	.04168
#2	.02307	2.2800	.04372	.01077	2.1625	.04644	.04162
#3	.02281	2.3098	.04354	.01110	2.1461	.04534	.04165

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1087	.21759	.10938	.01921	.42717	.04400	.04589
Stddev	.0194	.00039	.01434	.00741	.00214	.00003	.00170
%RSD	.92023	.17871	13.113	38.581	.50147	.07205	3.7051

#1	2.1134	.21772	.10133	.01132	.42948	.04400	.04489
#2	2.1254	.21715	.12595	.02603	.42676	.04402	.04786
#3	2.0874	.21789	.10088	.02027	.42526	.04396	.04493

Sample Name: CRI01 Acquired: 2/11/2019 18:26:14 Type: Unk
 Method: P4-ICP2(v2840) 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	.02045	.0189	.02083	F<.00000	F<.00000
Stddev	.00135	.0013	.00015	.29255	2.1081
%RSD	6.5936	6.959	.71905	27.264	438.56
#1	.01983	.0188	.02088	-.90855	-1.0638
#2	.01952	.0202	.02095	-1.4108	-2.2358
#3	.02199	.0176	.02066	-.89974	1.8576
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.3	35819.	3815.2	15.335	3482.5
Stddev	10.1	24.	7.3	2.039	9.1
%RSD	.35890	.06702	.19093	13.296	.26000
#1	2800.3	35815.	3808.9	13.173	3474.2
#2	2810.3	35797.	3823.2	15.609	3481.2
#3	2820.5	35845.	3813.5	17.223	3492.2

Sample Name: ICSA01 Acquired: 2/11/2019 18:30:40 Type: Unk
 Method: P4-ICP2(v2840) 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	-.01011	-.00193	.00276	.00483	-.00463	269.29	-.00380	-.00011
Stddev	.00142	.00382	.00117	.00504	.00273	.69	.00248	.00017
%RSD	14.003	197.94	42.326	104.31	59.050	.25474	65.389	152.79

#1	-.00848	-.00168	.00152	.00620	-.00770	268.92	-.00531	-.00026
#2	-.01099	.00176	.00384	-.00075	-.00369	270.08	-.00093	.00007
#3	-.01087	-.00586	.00291	.00903	-.00248	268.86	-.00515	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	245.45	.04683	-.00102	-.00708	98.348	.01513	262.97
Stddev	.00012	1.55	.00066	.00018	.00029	.839	.00010	3.35
%RSD	6.5316	.62960	1.3986	17.619	4.1624	.85308	.63224	1.2723

#1	-.00188	246.13	.04611	-.00082	-.00739	98.221	.01506	265.47
#2	-.00192	243.68	.04738	-.00110	-.00681	97.580	.01510	259.17
#3	-.00169	246.54	.04702	-.00116	-.00704	99.243	.01524	264.26

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00655	-.00275	.25671	.00198	-.00616	.26674	.00012	.01837
Stddev	.00060	.00046	.00951	.00016	.00024	.01667	.00067	.00633
%RSD	9.1858	16.733	3.7027	8.1588	3.9202	6.2486	579.83	34.448

#1	-.00718	-.00248	.25561	.00202	-.00635	.28408	.00070	.01134
#2	-.00598	-.00248	.26672	.00180	-.00589	.25084	-.00061	.02361
#3	-.00649	-.00328	.24781	.00212	-.00625	.26529	.00026	.02015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05290	.36080	.00952	-.00238	.01837	F .0344	-.00622	3.0612
Stddev	.01549	.00642	.00065	.00050	.00134	.0016	.00079	.9986
%RSD	29.273	1.7797	6.7865	21.153	7.2923	4.522	12.642	32.619

#1	.06448	.36199	.01017	-.00217	.01719	.0360	-.00631	2.1195
#2	.03531	.35386	.00950	-.00202	.01983	.0330	-.00539	4.1083
#3	.05891	.36654	.00888	-.00296	.01809	.0341	-.00695	2.9559

Sample Name: ICSA01 Acquired: 2/11/2019 18:30:40 Type: Unk
 Method: P4-ICP2(v2840) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	663.91
Stddev	4.17
%RSD	.62773

#1	662.48
#2	660.65
#3	668.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.7	32681.	3757.9	13.615	2834.8
Stddev	9.4	106.	30.2	.410	8.0
%RSD	.35797	.32292	.80414	3.0136	.28294

#1	2614.2	32763.	3738.3	14.060	2832.8
#2	2605.7	32562.	3792.7	13.252	2827.9
#3	2624.4	32718.	3742.7	13.532	2843.6

Sample Name: ICSAB01 Acquired: 2/11/2019 18:35:11 Type: Unk
Method: P4-ICP2(v2840) 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	.08988	.10788	.05417	.05163	.61761	220.84	.50740
Stddev	.00321	.00539	.00090	.00572	.00236	.47	.00999
%RSD	3.5663	4.9959	1.6663	11.086	.38212	.21300	1.9688

#1	.08676	.11172	.05368	.05401	.62022	220.41	.51624
#2	.09316	.10172	.05521	.05577	.61561	220.75	.50939
#3	.08971	.11020	.05362	.04510	.61702	221.34	.49656

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54505	1.0221	201.08	.54834	.51153	.50374	80.438
Stddev	.00112	.0010	.81	.00412	.00122	.00076	.279
%RSD	.20488	.10138	.40358	.75172	.23866	.15171	.34642

#1	.54634	1.0221	201.52	.54631	.51051	.50325	80.755
#2	.54438	1.0211	201.57	.54564	.51288	.50334	80.230
#3	.54442	1.0232	200.14	.55309	.51120	.50462	80.329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52871	214.28	1.0192	.20221	.01817	.51145	1.0763
Stddev	.00072	1.74	.0005	.00220	.00774	.00033	.0008
%RSD	.13556	.81382	.05078	1.0883	42.626	.06406	.07760

#1	.52952	216.26	1.0190	.20121	.01541	.51166	1.0768
#2	.52815	213.59	1.0198	.20069	.01218	.51107	1.0753
#3	.52845	212.98	1.0187	.20474	.02691	.51162	1.0767

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05076	F -.00044	F .01372	F -.03263	F .52928	F .00886	F -.00229
Stddev	.02672	.00057	.00513	.02426	.00343	.00038	.00163
%RSD	52.633	129.35	37.424	74.347	.64742	4.3251	71.215

#1	.08053	.00006	.01504	-.01311	.53221	.00844	-.00372
#2	.04286	-.00033	.01806	-.05979	.52551	.00893	-.00051
#3	.02888	-.00107	.00805	-.02499	.53010	.00919	-.00264

Sample Name: ICSAB01 Acquired: 2/11/2019 18:35:11 Type: Unk
 Method: P4-ICP2(v2840) 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 .01530	F .0046	F -.00492	2.2761	548.62
Stddev	.00159	.0009	.00023	.3194	5.02
%RSD	10.398	19.13	4.7108	14.033	.91537
#1	.01552	.0039	-.00477	2.0804	547.74
#2	.01361	.0056	-.00480	2.1032	544.10
#3	.01676	.0042	-.00518	2.6446	554.02
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.2	33361.	3854.6	14.770	2901.1
Stddev	3.0	74.	24.8	.696	5.9
%RSD	.11162	.22120	.64322	4.7152	.20481
#1	2646.8	33348.	3829.5	14.048	2894.5
#2	2652.4	33441.	3855.1	14.825	2905.9
#3	2651.4	33295.	3879.1	15.438	2902.9

Sample Name: CCV01 Acquired: 2/11/2019 18:39:32 Type: Unk
Method: P4-ICP2(v2840) 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	4.9341	4.9580	4.8897	4.9721	4.9451	9.9553	9.8117	.24950
Stddev	.0070	.0134	.0068	.0110	.0140	.1000	.0324	.00174
%RSD	.14164	.27048	.13994	.22157	.28395	1.0047	.33027	.69774
#1	4.9404	4.9645	4.8819	4.9603	4.9451	9.8652	9.8470	.24835
#2	4.9266	4.9426	4.8926	4.9737	4.9311	9.9376	9.8047	.24864
#3	4.9353	4.9669	4.8946	4.9822	4.9592	10.063	9.7833	.25150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4551	24.979	1.0044	2.4448	1.2510	4.8490	2.5047	24.820
Stddev	.0034	.086	.0080	.0047	.0034	.0309	.0205	.138
%RSD	.13765	.34496	.79777	.19376	.27364	.63763	.81832	.55541
#1	2.4519	24.967	1.0024	2.4398	1.2534	4.8806	2.4934	24.795
#2	2.4549	24.900	.99761	2.4455	1.2471	4.8475	2.4923	24.696
#3	2.4586	25.071	1.0133	2.4492	1.2526	4.8188	2.5283	24.968
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4642	1.2383	24.801	2.4797	2.4382	24.761	4.9552	4.9662
Stddev	.0052	.0076	.090	.0218	.0016	.080	.0100	.0077
%RSD	.21044	.61094	.36318	.88089	.06439	.32412	.20219	.15534
#1	2.4603	1.2336	24.905	2.4656	2.4379	24.844	4.9609	4.9703
#2	2.4621	1.2342	24.758	2.4686	2.4369	24.755	4.9436	4.9710
#3	2.4701	1.2470	24.740	2.5049	2.4400	24.684	4.9610	4.9573
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8090	4.9224	4.8994	4.9464	4.9398	4.904	4.9990	F 2.2849
Stddev	.0131	.0237	.0058	.0027	.0161	.009	.0152	.4301
%RSD	.27232	.48105	.11815	.05541	.32674	.1885	.30419	18.823
#1	4.8155	4.9498	4.8960	4.9459	4.9567	4.913	5.0118	2.0916
#2	4.8176	4.9083	4.8961	4.9440	4.9381	4.903	5.0030	1.9854
#3	4.7939	4.9092	4.9061	4.9494	4.9246	4.895	4.9822	2.7777

Sample Name: CCV01 Acquired: 2/11/2019 18:39:32 Type: Unk
Method: P4-ICP2(v2840) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2818
Stddev	2.4633
%RSD	107.95

#1	3.3639
#2	4.0188
#3	-.53731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.3	35064.	3897.5	14.071	3189.6
Stddev	7.9	196.	23.4	1.473	4.4
%RSD	.28562	.55757	.59948	10.472	.13824

#1	2770.3	35162.	3871.5	12.835	3186.5
#2	2785.9	35190.	3904.3	13.675	3194.6
#3	2775.7	34838.	3916.7	15.701	3187.6

Sample Name: LLCCV01 Acquired: 2/11/2019 18:43:31 Type: Unk
Method: P4-ICP2(v2840) 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	.01954	.04585	.01209	.01932	.05516	.10979	.09868
Stddev	.00313	.00199	.00081	.00108	.00057	.01140	.00335
%RSD	15.998	4.3479	6.7080	5.5772	1.0284	10.382	3.3996

#1	.01664	.04704	.01220	.01905	.05486	.11662	.09585
#2	.02285	.04355	.01123	.01840	.05481	.09663	.09780
#3	.01912	.04695	.01284	.02050	.05582	.11612	.10239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	.00591	2.1587	.01084	.03271	.02207	.10634
Stddev	.00008	.00003	.0182	.00036	.00009	.00007	.00237
%RSD	1.2591	.54841	.84403	3.3478	.26063	.33569	2.2249

#1	.00622	.00588	2.1528	.01123	.03261	.02214	.10788
#2	.00631	.00594	2.1792	.01051	.03277	.02200	.10753
#3	.00616	.00589	2.1442	.01079	.03274	.02206	.10362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02260	2.2456	.04348	.01000	2.1387	.04519	.04118
Stddev	.00009	.0484	.00037	.00015	.0220	.00045	.00013
%RSD	.38053	2.1568	.86073	1.5490	1.0283	.98751	.31003

#1	.02263	2.2457	.04363	.00988	2.1575	.04475	.04132
#2	.02266	2.1971	.04376	.00995	2.1145	.04517	.04112
#3	.02250	2.2940	.04306	.01018	2.1443	.04564	.04109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1303	.21344	.10803	.02239	.42889	.04309	.04540
Stddev	.0113	.00055	.00782	.01693	.00742	.00066	.00120
%RSD	.53019	.25779	7.2421	75.580	1.7297	1.5303	2.6487

#1	2.1364	.21358	.09921	.02786	.43724	.04233	.04636
#2	2.1173	.21391	.11414	.00341	.42636	.04338	.04578
#3	2.1372	.21284	.11073	.03591	.42306	.04355	.04405

Sample Name: LLCCV01 Acquired: 2/11/2019 18:43:31 Type: Unk
Method: P4-ICP2(v2840) 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	.02141	.0198	.02056	F<.00000	F<.00000
Stddev	.00290	.0004	.00013	.34765	1.5165
%RSD	13.534	1.889	.61888	13.996	223.06

#1	.02012	.0202	.02069	-2.8817	.09284
#2	.01938	.0194	.02043	-2.2385	-2.4271
#3	.02472	.0199	.02056	-2.3315	.29463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.5	36463.	3881.1	14.904	3535.8
Stddev	14.2	166.	31.4	.955	18.3
%RSD	.49598	.45552	.80990	6.4067	.51821

#1	2874.1	36373.	3856.0	15.989	3546.3
#2	2850.1	36361.	3871.0	14.532	3514.6
#3	2875.4	36654.	3916.4	14.191	3546.4

Sample Name: CCB01 Acquired: 2/11/2019 18:47:58 Type: Unk
Method: P4-ICP2(v2840) 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	-.00097	.00029	-.00154	-.00023	-.00139	.00963	-.00765
Stddev	.00250	.00097	.00073	.00192	.00112	.00429	.00260
%RSD	257.40	331.14	47.452	819.51	80.100	44.521	33.982

#1	-.00293	-.00047	-.00082	.00091	-.00267	.00530	-.00465
#2	-.00184	-.00004	-.00228	.00084	-.00058	.00973	-.00899
#3	.00185	.00138	-.00151	-.00246	-.00093	.01387	-.00931

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	-.00496	.00035	-.00013	.00017	.00018
Stddev	.00007	.00011	.01016	.00033	.00009	.00065	.00355
%RSD	216.16	313.19	204.97	93.735	71.550	377.77	1992.9

#1	.00009	.00015	-.00321	.00003	-.00020	-.00056	.00261
#2	-.00004	-.00007	-.01588	.00069	-.00002	.00068	-.00390
#3	.00004	.00002	.00422	.00033	-.00016	.00039	.00182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01473	.00004	-.00060	-.01658	-.00022	-.00015
Stddev	.00002	.04474	.00040	.00007	.00694	.00012	.00005
%RSD	192.76	303.66	919.33	10.889	41.842	53.828	34.894

#1	.00001	-.03461	.00034	-.00064	-.00857	-.00033	-.00019
#2	-.00002	.02615	-.00041	-.00063	-.02071	-.00023	-.00009
#3	-.00002	.05266	.00019	-.00052	-.02046	-.00010	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06242	-.00019	-.00508	-.00410	.00099	-.00111	.00035
Stddev	.01345	.00016	.01274	.00566	.00132	.00014	.00070
%RSD	21.549	82.600	250.71	138.23	133.24	12.801	198.71

#1	.05281	-.00006	-.00001	-.00281	.00230	-.00103	-.00045
#2	.07779	-.00014	-.01958	-.01029	.00100	-.00102	.00083
#3	.05665	-.00037	.00434	.00081	-.00033	-.00127	.00069

Sample Name: CCB01 Acquired: 2/11/2019 18:47:58 Type: Unk
 Method: P4-ICP2(v2840) 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	-.00033	.0014	.00008	F<.00000	F 1.9126
Stddev	.00153	.0015	.00007	.78625	2.7665
%RSD	458.59	107.6	84.767	20.690	144.64

#1	-.00134	.0029	.00010	-2.9985	4.9054
#2	.00142	.0015	.00000	-3.8317	1.3838
#3	-.00108	-.0001	.00013	-4.5700	-.55131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2889.9	36900.	3896.8	15.639	3587.4
Stddev	11.0	256.	19.7	1.627	10.3
%RSD	.38201	.69377	.50659	10.402	.28756

#1	2880.0	36610.	3897.9	13.889	3579.0
#2	2887.9	36993.	3916.0	15.923	3584.4
#3	2901.8	37096.	3876.6	17.105	3598.9

Sample Name: PB116714BL Acquired: 2/11/2019 18:52:27 Type: Unk
Method: P4-ICP2(v2840) 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	.00219	-.00114	-.00091	-.00081	-.00118	-.01103	-.00389
Stddev	.00267	.00032	.00006	.00303	.00103	.01075	.00546
%RSD	121.85	27.717	6.7062	374.89	86.988	97.457	140.43

#1	-.00078	-.00078	-.00087	-.00151	-.00003	-.00471	-.00994
#2	.00439	-.00127	-.00087	.00251	-.00202	-.00494	-.00241
#3	.00296	-.00137	-.00098	-.00343	-.00150	-.02345	.00068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00003	-.00397	.00043	-.00011	.00018	-.00121
Stddev	.00005	.00015	.00467	.00070	.00025	.00003	.00041
%RSD	131.59	558.76	117.43	160.16	230.65	17.112	34.274

#1	-.00001	.00016	.00111	.00039	-.00016	.00015	-.00096
#2	.00003	-.00014	-.00807	-.00024	.00016	.00021	-.00169
#3	.00008	.00006	-.00496	.00115	-.00032	.00019	-.00098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.04157	.00009	-.00065	-.01911	.00029	-.00013
Stddev	.00002	.02422	.00033	.00064	.00913	.00059	.00008
%RSD	225.58	58.265	384.30	98.569	47.757	204.31	66.957

#1	.00001	.06952	.00040	.00004	-.02805	.00086	-.00019
#2	-.00002	.02650	-.00026	-.00123	-.01947	-.00032	-.00003
#3	-.00002	.02871	.00012	-.00077	-.00981	.00033	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00520	-.00029	-.00777	-.00369	-.00044	.00023	.00122
Stddev	.07193	.00007	.00615	.01293	.00241	.00031	.00229
%RSD	1384.3	24.250	79.134	350.20	553.34	130.23	188.04

#1	-.00123	-.00026	-.00360	.01007	.00057	.00044	.00232
#2	.06466	-.00024	-.00489	-.00556	-.00318	.00038	-.00141
#3	-.07902	-.00037	-.01484	-.01558	.00131	-.00012	.00275

Sample Name: PB116714BL Acquired: 2/11/2019 18:52:27 Type: Unk
Method: P4-ICP2(v2840) 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	-.00134	-.0001	.00005	F<.00000	F 1.5008
Stddev	.00319	.0007	.00005	.26869	1.2882
%RSD	238.01	1025.	88.073	8.0859	85.838

#1	-.00165	.0001	.00010	-3.3288	.46357
#2	.00200	.0005	.00005	-3.0514	2.9428
#3	-.00437	-.0008	.00001	-3.5887	1.0959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.9	36565.	3848.0	14.702	3552.8
Stddev	9.9	110.	12.8	1.206	7.4
%RSD	.34542	.29993	.33186	8.2017	.20767

#1	2864.1	36442.	3855.2	16.057	3551.3
#2	2853.9	36654.	3855.5	13.748	3546.3
#3	2873.7	36598.	3833.2	14.300	3560.8

Sample Name: PB116714BS Acquired: 2/11/2019 18:56:56 Type: Unk
Method: P4-ICP2(v2840) 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	.74750	1.9683	.93005	1.9326	.76604	1.8406	.20066
Stddev	.00191	.0020	.00191	.0065	.00206	.0127	.00131
%RSD	.25503	.09976	.20517	.33427	.26952	.68937	.65184

#1	.74760	1.9689	.93176	1.9378	.76487	1.8261	.20216
#2	.74935	1.9699	.92799	1.9254	.76843	1.8464	.19978
#3	.74554	1.9661	.93039	1.9347	.76483	1.8494	.20004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19090	.18600	1.0247	.39239	.18730	.30506	2.9974
Stddev	.00042	.00032	.0154	.00119	.00064	.00188	.0028
%RSD	.21880	.17126	1.5017	.30207	.34365	.61620	.09373

#1	.19061	.18581	1.0195	.39124	.18666	.30641	2.9951
#2	.19071	.18581	1.0125	.39232	.18795	.30584	2.9965
#3	.19138	.18636	1.0420	.39361	.18730	.30291	3.0005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19943	2.0360	.47812	.06701	3.0558	.28995	.18159
Stddev	.00066	.1194	.00075	.00050	.0106	.00028	.00032
%RSD	.33255	5.8637	.15610	.74966	.34653	.09747	.17675

#1	.19993	1.9084	.47729	.06738	3.0439	.29017	.18178
#2	.19868	2.1449	.47873	.06644	3.0594	.29005	.18177
#3	.19969	2.0547	.47835	.06722	3.0642	.28963	.18122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9824	.39600	.29280	F -.00908	.95722	.66837	.20210
Stddev	.0390	.00145	.00237	.01545	.00675	.00367	.00233
%RSD	.39052	.36560	.80836	170.16	.70525	.54944	1.1516

#1	9.9402	.39656	.29550	.00525	.95874	.66507	.20098
#2	9.9897	.39708	.29108	-.02545	.94984	.67233	.20054
#3	10.017	.39436	.29183	-.00704	.96308	.66772	.20477

Sample Name: PB116714BS Acquired: 2/11/2019 18:56:56 Type: Unk
 Method: P4-ICP2(v2840) 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	.20300	5.329	.19223	F<.00000	F 40.888
Stddev	.00083	.004	.00031	.42970	1.172
%RSD	.41052	.0689	.16177	16.719	2.8671
#1	.20228	5.329	.19188	-2.7154	40.114
#2	.20391	5.325	.19235	-2.9083	40.314
#3	.20280	5.333	.19246	-2.0866	42.237
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.3	36698.	3801.3	15.891	3487.7
Stddev	6.3	60.	13.4	.997	.8
%RSD	.21885	.16237	.35289	6.2735	.02194
#1	2875.2	36735.	3805.1	16.902	3486.8
#2	2881.0	36629.	3786.4	15.861	3487.7
#3	2887.8	36729.	3812.4	14.909	3488.4

Sample Name: PB116722BL Acquired: 2/11/2019 19:12:06 Type: Unk
Method: P4-ICP2(v2840) 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	-.00001	-.00096	.00012	-.00140	-.00047	-.00311	-.00286
Stddev	.00198	.00133	.00058	.00116	.00097	.01219	.00370
%RSD	30302.	138.28	478.01	82.676	203.74	392.68	129.22

#1	-.00066	.00056	-.00050	-.00127	-.00129	-.01671	.00130
#2	-.00158	-.00157	.00023	-.00262	-.00073	.00056	-.00410
#3	.00222	-.00187	.00064	-.00031	.00059	.00683	-.00579

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00006	.00614	.00016	.00001	-.00007	-.00185
Stddev	.00007	.00012	.00640	.00010	.00027	.00004	.00134
%RSD	205.61	207.80	104.26	63.922	2185.1	51.417	72.368

#1	.00004	.00008	.00711	.00026	.00027	-.00010	-.00247
#2	.00010	-.00011	-.00069	.00006	.00005	-.00003	-.00031
#3	-.00004	-.00014	.01200	.00016	-.00027	-.00009	-.00276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.03998	.00031	-.00067	-.01843	.00014	-.00022
Stddev	.00005	.07294	.00018	.00021	.01528	.00044	.00006
%RSD	4971.1	182.44	59.067	31.119	82.940	323.96	25.109

#1	.00003	.01628	.00042	-.00084	-.01446	-.00016	-.00020
#2	-.00006	-.01816	.00010	-.00073	-.00552	.00065	-.00028
#3	.00003	.12183	.00040	-.00044	-.03530	-.00008	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07240	-.00023	-.00827	F -.01232	.00041	-.00063	.00135
Stddev	.00895	.00014	.00464	.02732	.00119	.00063	.00186
%RSD	12.358	61.499	56.064	221.70	293.21	99.683	137.38

#1	-.07598	-.00038	-.01191	.01245	-.00011	-.00121	.00191
#2	-.06222	-.00009	-.00305	-.04162	.00177	.00004	-.00072
#3	-.07900	-.00022	-.00986	-.00780	-.00044	-.00072	.00287

Sample Name: PB116722BL Acquired: 2/11/2019 19:12:06 Type: Unk
Method: P4-ICP2(v2840) 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	-.00192	.0012	-.00007	F<.00000	F .43700
Stddev	.00142	.0005	.00009	.77102	2.2582
%RSD	74.239	38.81	126.70	23.583	516.76
#1	-.00208	.0017	-.00001	-2.5234	-1.2798
#2	-.00325	.0012	-.00016	-4.0632	2.9951
#3	-.00042	.0008	-.00003	-3.2218	-.40437
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2871.6	36691.	3801.7	13.587	3552.9
Stddev	3.4	345.	20.3	1.855	7.9
%RSD	.11763	.93951	.53386	13.655	.22148
#1	2874.7	36466.	3818.6	13.393	3554.9
#2	2872.1	37088.	3779.2	11.836	3544.2
#3	2868.0	36519.	3807.4	15.532	3559.6

Sample Name: PB116722BS Acquired: 2/11/2019 19:16:34 Type: Unk
Method: P4-ICP2(v2840) 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	.73586	1.9498	.91868	1.9159	.75098	1.8120	.18776
Stddev	.00280	.0098	.00372	.0034	.00552	.0137	.00756
%RSD	.38020	.50140	.40467	.17515	.73439	.75309	4.0242

#1	.73439	1.9520	.91447	1.9121	.74857	1.8273	.19109
#2	.73411	1.9391	.92154	1.9169	.74707	1.8012	.17911
#3	.73909	1.9583	.92002	1.9185	.75729	1.8075	.19308

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18823	.18376	.99756	.38690	.18485	.30115	2.9072
Stddev	.00069	.00040	.03643	.00083	.00037	.00153	.0794
%RSD	.36892	.21559	3.6523	.21515	.20081	.50847	2.7306

#1	.18876	.18335	1.0151	.38629	.18446	.29988	2.9504
#2	.18744	.18379	.95567	.38657	.18488	.30072	2.8156
#3	.18848	.18414	1.0219	.38785	.18521	.30285	2.9555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19755	1.9876	.47344	.06584	3.0073	.28585	.18036
Stddev	.00027	.0767	.00121	.00114	.1018	.00109	.00011
%RSD	.13671	3.8606	.25565	1.7249	3.3863	.38113	.06032

#1	.19775	2.0335	.47251	.06480	3.0380	.28604	.18048
#2	.19724	1.8990	.47302	.06565	2.8936	.28468	.18026
#3	.19766	2.0302	.47481	.06705	3.0902	.28684	.18034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7799	.39091	.29063	F -.01965	.92591	.65994	.19344
Stddev	.3221	.00206	.00525	.02358	.02767	.00238	.00743
%RSD	3.2930	.52755	1.8061	119.99	2.9883	.36029	3.8418

#1	9.9036	.38956	.28552	-.04382	.94010	.66052	.19583
#2	9.4144	.38988	.29036	-.01842	.89403	.65733	.18511
#3	10.022	.39328	.29601	.00329	.94362	.66197	.19939

Sample Name: PB116722BS Acquired: 2/11/2019 19:16:34 Type: Unk
 Method: P4-ICP2(v2840) 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	.19820	5.283	.18692	F<.00000	F 41.809
Stddev	.00694	.009	.00537	.51259	3.261
%RSD	3.5012	.1804	2.8710	16.380	7.7986
#1	.20132	5.288	.18953	-2.9510	41.333
#2	.19024	5.273	.18075	-3.7073	38.812
#3	.20303	5.290	.19048	-2.7297	45.281
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.0	36890.	3879.3	15.491	3512.0
Stddev	14.9	54.	104.6	.929	10.7
%RSD	.51347	.14653	2.6960	5.9977	.30498
#1	2896.0	36892.	3823.9	14.870	3506.5
#2	2910.8	36943.	4000.0	15.043	3524.3
#3	2881.1	36835.	3814.1	16.559	3505.2

Sample Name: CCV002 Acquired: 2/11/2019 19:20:39 Type: Unk
Method: P4-ICP2(v2840) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8991	5.0357	4.9121	4.9816	4.9305	9.8723	9.9896	.24854
Stddev	.0103	.0104	.0031	.0078	.0062	.0940	.0290	.00042
%RSD	.20982	.20593	.06289	.15759	.12652	.95253	.29067	.16941
#1	4.9078	5.0283	4.9098	4.9901	4.9353	9.7802	10.011	.24898
#2	4.9017	5.0476	4.9156	4.9803	4.9327	9.8686	10.001	.24851
#3	4.8877	5.0313	4.9109	4.9745	4.9235	9.9682	9.9566	.24814
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4875	25.413	.99653	2.4706	1.2585	4.9991	2.4988	25.598
Stddev	.0008	.020	.00544	.0018	.0003	.0477	.0065	.131
%RSD	.03427	.07887	.54632	.07231	.02555	.95464	.25820	.51327
#1	2.4866	25.430	.99120	2.4686	1.2582	5.0358	2.4930	25.534
#2	2.4882	25.419	.99631	2.4720	1.2585	5.0164	2.4976	25.510
#3	2.4877	25.391	1.0021	2.4713	1.2589	4.9452	2.5057	25.749
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5149	1.2127	25.784	2.4824	2.4509	25.372	4.9483	5.0570
Stddev	.0039	.0053	.083	.0084	.0022	.066	.0020	.0239
%RSD	.15437	.43644	.32296	.34013	.08978	.26154	.04001	.47278
#1	2.5173	1.2081	25.873	2.4733	2.4516	25.429	4.9491	5.0502
#2	2.5170	1.2115	25.771	2.4840	2.4526	25.387	4.9497	5.0372
#3	2.5104	1.2185	25.709	2.4900	2.4484	25.299	4.9460	5.0836
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7418	4.9971	4.9461	4.9914	5.0264	4.995	5.0621	F .10473
Stddev	.0311	.0464	.0026	.0169	.0206	.006	.0197	.49417
%RSD	.65522	.92871	.05283	.33857	.41019	.1147	.38905	471.85
#1	4.7471	5.0401	4.9436	4.9917	5.0477	4.993	5.0770	-.22882
#2	4.7084	5.0032	4.9459	4.9744	5.0250	5.002	5.0694	-.12945
#3	4.7699	4.9479	4.9488	5.0082	5.0065	4.991	5.0398	.67246

Sample Name: CCV002 Acquired: 2/11/2019 19:20:39 Type: Unk
 Method: P4-ICP2(v2840) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV002 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2329
Stddev	1.7261
%RSD	140.00

#1	2.2892
#2	-.75901
#3	2.1686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2801.5	35412.	3797.7	14.287	3177.6
Stddev	3.9	125.	31.8	.927	4.3
%RSD	.14038	.35382	.83812	6.4883	.13682

#1	2797.0	35536.	3769.1	13.825	3172.9
#2	2803.9	35415.	3792.0	13.682	3178.5
#3	2803.7	35285.	3832.0	15.354	3181.5

Sample Name: CCB002 Acquired: 2/11/2019 19:24:36 Type: Unk
Method: P4-ICP2(v2840) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00003	-.00103	-.00392	-.00132	-.00627	-.00418
Stddev	.00074	.00118	.00103	.00172	.00063	.00791	.00449
%RSD	38.619	3762.3	100.08	43.717	47.389	126.07	107.45

#1	.00148	.00013	.00014	-.00409	-.00130	-.00449	-.00039
#2	.00277	-.00128	-.00181	-.00555	-.00070	-.01492	-.00913
#3	.00149	.00106	-.00141	-.00213	-.00196	.00059	-.00301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00008	.00521	.00055	.00000	-.00030	.00089
Stddev	.00003	.00006	.00279	.00002	.00012	.00029	.00074
%RSD	83.987	73.856	53.527	3.9667	31293.	98.321	83.162

#1	.00000	.00012	.00237	.00057	.00011	-.00047	.00112
#2	.00005	.00001	.00795	.00055	-.00013	.00004	.00148
#3	.00006	.00009	.00532	.00052	.00002	-.00046	.00006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01509	.00007	-.00032	-.01018	.00056	-.00022
Stddev	.00004	.04448	.00018	.00036	.01204	.00026	.00002
%RSD	13354.	294.82	261.77	111.76	118.32	46.674	11.322

#1	.00004	-.01280	.00024	-.00047	-.01942	.00026	-.00024
#2	-.00001	.06638	.00009	.00009	-.01455	.00072	-.00022
#3	-.00003	-.00832	-.00012	-.00057	.00344	.00071	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01138	.00018	-.00143	F .00673	-.00219	-.00097	-.00135
Stddev	.01230	.00027	.00279	.01148	.00231	.00059	.00199
%RSD	108.06	150.90	195.01	170.42	105.55	61.060	147.51

#1	.01537	.00021	-.00315	.00327	.00034	-.00112	-.00299
#2	-.00242	-.00010	.00179	-.00261	-.00272	-.00147	-.00192
#3	.02119	.00043	-.00294	.01954	-.00419	-.00032	.00086

Sample Name: CCB002 Acquired: 2/11/2019 19:24:36 Type: Unk
Method: P4-ICP2(v2840) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	.0002	.00019	F<.00000	F 1.2241
Stddev	.00163	.0014	.00002	.38996	1.0276
%RSD	80.128	871.5	8.4707	6.7158	83.946

#1	-.00196	.0017	.00017	-5.9635	2.3473
#2	-.00372	-.0004	.00018	-5.3626	.99345
#3	-.00045	-.0009	.00021	-6.0936	.33141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.9	37331.	3877.5	16.023	3583.1
Stddev	4.6	69.	26.7	1.591	22.0
%RSD	.15805	.18616	.68730	9.9314	.61493

#1	2918.7	37255.	3848.3	17.302	3599.1
#2	2918.4	37390.	3883.9	14.241	3592.2
#3	2910.6	37349.	3900.5	16.525	3558.0