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Method: 6010B Sample Name: S2207-01A Operator: DR
Run Time: 04/22/04 15:03:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78777	1.8005	.93363	1.9614	.76980	1.9483	2.4838
SDev	.01152	.0143	.00039	.0058	.00317	.0116	.0041
%RSD	1.4628	.79579	.04206	.29499	.41186	.59766	.16476
#1	.77962	1.7904	.93335	1.9655	.77204	1.9400	2.4809
#2	.79591	1.8106	.93390	1.9574	.76755	1.9565	2.4867

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18401	.18357	522.40	.36968	.18698	.27785	22.113
SDev	.00059	.00108	2.38	.00263	.00233	.00175	.370
%RSD	.32268	.58643	.45466	.70996	1.2449	.62818	1.6739
#1	.18359	.18280	520.72	.36783	.18533	.27661	21.852
#2	.18443	.18433	524.08	.37154	.18862	.27908	22.375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3239	164.44	.47011	.07544	1138.7	.27840	.18090
SDev	.0211	1.13	.00170	.00292	1.8	.00240	.00112
%RSD	.33368	.68472	.36190	3.8683	.15384	.86162	.62019
#1	6.3090	163.64	.46891	.07338	1137.5	.27670	.18011
#2	6.3388	165.23	.47131	.07751	1140.0	.28009	.18170

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H162.17	.76601	.77417	.93365	.93172	1.9470	1.9671
SDev	.43	.00168	.00615	.00815	.00348	.0180	.0177
%RSD	.26820	.21973	.79432	.87277	.37353	.92340	.89730
#1	H161.86	.76720	.77851	.92809	.93418	1.9342	1.9796
#2	H162.48	.76482	.76982	.93961	.92925	1.9597	1.9546

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.37684	2.2722	.18245	.64337	13.288
SDev	.00595	.0162	.01057	.04777	.114
%RSD	1.5794	.71142	5.7921	7.4257	.85421
#1	.37263	2.2608	.17498	.60959	13.208
#2	.38105	2.2836	.18993	.67715	13.368

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Method: 6010B Sample Name: S2224-01 Operator: DR
Run Time: 04/22/04 15:05:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	.00528	-.00036	.00262	.00363	-.04760	.05651
SDev	.00277	.00276	.00039	.00026	.00393	.00225	.00000
%RSD	387.90	52.321	107.69	9.8277	108.23	4.7291	.00023
#1	-.00268	.00724	-.00064	.00244	.00085	-.04919	.05651
#2	.00125	.00333	-.00009	.00280	.00641	-.04601	.05651

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00014	74.259	.00048	.00007	.00272	-.01740
SDev	.00001	.00034	.461	.00085	.00010	.00011	.01302
%RSD	14.539	243.85	.62017	178.67	141.60	4.1576	74.837
#1	.00004	-.00038	73.933	-.00013	.00014	.00264	-.00819
#2	.00005	.00010	74.584	.00108	-.00000	.00280	-.02660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	23.694	.00351	-.00065	34.441	.00077	.13180
SDev	.00021	.158	.00045	.00059	.068	.00048	.00077
%RSD	5.7293	.66527	12.908	90.870	.19769	61.625	.58406
#1	.00385	23.582	.00319	-.00106	34.489	.00044	.13125
#2	.00355	23.805	.00383	-.00023	34.393	.00111	.13234

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2497	.00525	-.00282	.00505	-.00506	.00430	.00008
SDev	.0492	.00624	.00069	.00097	.00010	.00223	.00164
%RSD	.78751	118.75	24.434	19.290	1.8995	51.931	2039.1
#1	6.2149	.00084	-.00233	.00436	-.00513	.00588	-.00108
#2	6.2845	.00966	-.00330	.00574	-.00499	.00272	.00124

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.16835	-.00021	-.00298	9.5171
SDev	.00013	.00429	.00017	.00194	.0459
%RSD	11.561	2.5481	81.024	65.179	.48224
#1	.00103	.17139	-.00009	-.00435	9.4846
#2	.00122	.16532	-.00033	-.00161	9.5495

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Method: 6010B Sample Name: S2224-02 Operator: DR
Run Time: 04/22/04 15:07:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	-.00580	.00046	-.00139	.00327	-.04786	.12954
SDev	.00293	.00191	.00067	.00152	.00246	.00413	.00016
%RSD	145.31	32.939	143.23	109.37	75.147	8.6236	.12137
#1	.00408	-.00445	.00094	-.00246	.00501	-.04494	.12943
#2	-.00006	-.00716	-.00001	-.00031	.00153	-.05077	.12965

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00025	93.990	.00010	.00360	-.00202	7.8807
SDev	.00001	.00014	.153	.00040	.00030	.00120	.0319
%RSD	1049.1	56.978	.16257	401.40	8.4243	59.354	.40532
#1	.00001	.00035	93.882	.00038	.00382	-.00117	7.8581
#2	-.00001	.00015	94.099	-.00018	.00339	-.00286	7.9033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55469	26.101	.00963	-.00061	31.923	-.00000	.07057
SDev	.00064	.029	.00138	.00161	.308	.00059	.00017
%RSD	.11469	.10933	14.334	263.87	.96578	13346.	.23748
#1	.55424	26.081	.01060	.00053	32.141	.00042	.07069
#2	.55514	26.122	.00865	-.00175	31.705	-.00042	.07046

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4436	.00563	-.00466	.00617	-.00438	.00256	-.00496
SDev	.0023	.00222	.00293	.00059	.00070	.00638	.00546
%RSD	.04206	39.480	62.770	9.5388	16.069	249.28	110.15
#1	5.4420	.00720	-.00259	.00658	-.00388	.00707	-.00882
#2	5.4453	.00406	-.00673	.00575	-.00488	-.00195	-.00110

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	1.4155	-.00166	-.00266	14.504
SDev	.00026	.0176	.00011	.00137	.005
%RSD	268.58	1.2430	6.3724	51.621	.03742
#1	.00009	1.4030	-.00158	-.00364	14.500
#2	-.00028	1.4279	-.00173	-.00169	14.508

Method: 6010B Sample Name: S2224-03 Operator: DR
Run Time: 04/22/04 15:09:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00189	-.00045	-.00267	.00440	-.06827	.06037
SDev	.00232	.00233	.00153	.00042	.00105	.00301	.00052
%RSD	4419.9	123.58	335.75	15.569	23.799	4.4054	.86964
#1	.00169	.00354	-.00153	-.00237	.00514	-.06614	.06074
#2	-.00159	.00024	.00062	-.00296	.00366	-.07039	.06000

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00043	103.03	.00796	.00062	-.00269	.05786
SDev	.00002	.00026	.46	.00026	.00074	.00023	.01536
%RSD	76.353	59.557	.44353	3.2458	119.57	8.5729	26.552
#1	-.00001	-.00025	103.36	.00814	.00115	-.00252	.06873
#2	-.00004	-.00061	102.71	.00778	.00010	-.00285	.04700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03326	27.513	.00240	-.00186	42.102	-.00030	.03425
SDev	.00038	.102	.00168	.00115	.577	.00083	.00044
%RSD	1.1328	.37240	70.022	62.007	1.3701	275.12	1.2861
#1	.03353	27.586	.00358	-.00105	42.510	.00029	.03456
#2	.03299	27.441	.00121	-.00268	41.694	-.00089	.03394

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.4638	.00663	-.00327	.00372	-.00454	.00213	-.00666
SDev	.1133	.00454	.00595	.00282	.00369	.00549	.00212
%RSD	1.5182	68.480	181.68	75.891	81.459	257.88	31.796
#1	7.5439	.00983	-.00748	.00571	-.00715	.00601	-.00816
#2	7.3836	.00342	.00093	.00172	-.00192	-.00175	-.00516

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.27576	-.00224	-.00429	9.1373
SDev	.00030	.01355	.00004	.00178	.0513
%RSD	69.349	4.9151	1.8861	41.443	.56169
#1	.00022	.28534	-.00221	-.00555	9.1736
#2	.00064	.26617	-.00227	-.00304	9.1010

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Method: 6010B Sample Name: S2224-04 Operator: DR
Run Time: 04/22/04 15:11:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	.00434	.00100	.00202	.00598	-.05475	.04807
SDev	.00097	.00142	.00079	.00173	.00304	.01761	.00341
%RSD	61.050	32.602	79.311	85.645	50.880	32.155	7.1000
#1	-.00091	.00534	.00155	.00324	.00813	-.04230	.05049
#2	-.00229	.00334	.00044	.00080	.00383	-.06720	.04566

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00028	55.873	.00062	.00024	-.00033	.16408
SDev	.00002	.00023	.722	.00026	.00047	.00057	.00473
%RSD	63.591	82.694	1.2923	41.749	198.29	171.33	2.8846
#1	-.00001	-.00012	55.362	.00044	.00057	.00007	.16743
#2	-.00004	-.00045	56.383	.00080	-.00010	-.00074	.16074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	11.737	.00534	-.00068	34.538	.00070	.06099
SDev	.00009	.222	.00031	.00067	.312	.00012	.00032
%RSD	3.8908	1.8918	5.7795	99.162	.90372	17.102	.53189
#1	.00248	11.580	.00556	-.00020	34.317	.00061	.06076
#2	.00235	11.894	.00512	-.00116	34.758	.00078	.06122

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5939	.00638	.00197	.00468	-.00284	.00772	-.00243
SDev	.0544	.00577	.00242	.00158	.00039	.00258	.00388
%RSD	1.5128	90.415	122.49	33.789	13.889	33.472	159.57
#1	3.5554	.01046	.00025	.00580	-.00256	.00589	.00031
#2	3.6323	.00230	.00368	.00356	-.00312	.00955	-.00517

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00709	.04038	-.00040	-.01773	4.3819
SDev	.00997	.02810	.00108	.02010	.0510
%RSD	140.54	69.595	267.49	113.34	1.1638
#1	-.00004	.06025	.00036	-.00352	4.3459
#2	-.01414	.02051	-.00117	-.03194	4.4180

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 15:13:47
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2711	5.3099	5.4843	5.3522	5.1758	10.442	9.8516
SDev	.0183	.0390	.0201	.0163	.0065	.045	.0249
%RSD	.34631	.73412	.36739	.30376	.12568	.42796	.25319
#1	5.2840	5.3375	5.4985	5.3637	5.1804	10.473	9.8692
#2	5.2582	5.2824	5.4700	5.3407	5.1712	10.410	9.8339

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26126	2.7173	26.888	1.0540	2.6611	1.2469	5.3059
SDev	.00064	.0065	.090	.0034	.0101	.0033	.0236
%RSD	.24457	.23761	.33656	.32250	.38029	.26187	.44386
#1	.26171	2.7219	26.952	1.0564	2.6682	1.2493	5.3226
#2	.26081	2.7127	26.824	1.0516	2.6539	1.2446	5.2892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6272	26.752	2.6843	1.2702	25.587	2.5857	2.6309
SDev	.0074	.103	.0130	.0036	.406	.0073	.0055
%RSD	.28057	.38432	.48431	.28398	1.5860	.28092	.20753
#1	2.6324	26.825	2.6935	1.2728	25.874	2.5908	2.6347
#2	2.6220	26.680	2.6751	1.2677	25.300	2.5805	2.6270

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.708	5.1601	5.2040	5.4410	5.5039	5.3253	5.3640
SDev	.256	.0086	.0367	.0119	.0362	.0152	.0319
%RSD	.99507	.16611	.70529	.21931	.65708	.28466	.59549
#1	25.889	5.1540	5.2300	5.4325	5.5295	5.3145	5.3866
#2	25.528	5.1662	5.1781	5.4494	5.4783	5.3360	5.3414

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2238	5.1963	5.1673	5.4335	5.1227
SDev	.0084	.0037	.0132	.0215	.0220
%RSD	.16058	.07059	.25483	.39516	.43030
#1	5.2298	5.1937	5.1766	5.4487	5.1382
#2	5.2179	5.1989	5.1580	5.4183	5.1071

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 15:16:52
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00469	.00549	.00143	.00591	.00665	-.06085	.00159
SDev	.00079	.00149	.00050	.00124	.00057	.00599	.00037
%RSD	16.894	27.097	35.219	20.915	8.5624	9.8481	23.171
#1	.00413	.00654	.00107	.00679	.00705	-.06509	.00133
#2	.00525	.00444	.00179	.00504	.00625	-.05662	.00185

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00043	.05046	-.00062	.00050	-.00346	.01357
SDev	.00002	.00012	.00332	.00022	.00003	.00006	.00710
%RSD	86.437	27.923	6.5724	35.394	6.7330	1.6699	52.315
#1	.00001	.00035	.05281	-.00077	.00053	-.00342	.01858
#2	.00004	.00052	.04812	-.00046	.00048	-.00350	.00855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.01530	-.00094	-.00052	-.97340	-.00040	-.00346
SDev	.00002	.00210	.00026	.00027	.03268	.00000	.00040
%RSD	1.6017	13.710	27.480	52.604	3.3576	.02824	11.644
#1	.00149	.01382	-.00112	-.00071	-.95029	-.00040	-.00317
#2	.00145	.01679	-.00075	-.00033	-.99651	-.00040	-.00374

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.30556	.00656	.00362	-.00005	.00017	.00785	.00335
SDev	.00401	.00014	.00199	.00002	.00074	.00105	.00238
%RSD	1.3111	2.1551	55.027	49.139	438.34	13.413	71.059
#1	-.30839	.00646	.00503	-.00007	-.00036	.00710	.00503
#2	-.30272	.00666	.00221	-.00003	.00069	.00859	.00167

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.02244	.00161	.01095	.01215
SDev	.00072	.00821	.00021	.00186	.00740
%RSD	31.404	36.568	13.090	16.992	60.934
#1	.00282	.02825	.00147	.01226	.01738
#2	.00180	.01664	.00176	.00963	.00691

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Method: 6010B Sample Name: S2236-01 Operator: DR
Run Time: 04/22/04 15:20:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07340	.00354	.13849	-.00071	.00426	73.217	1.0887
SDev	.00094	.00808	.00101	.00132	.00046	.323	.0010
%RSD	1.2749	228.50	.72660	186.55	10.772	.44100	.09579
#1	.07406	-.00218	.13920	-.00164	.00394	72.988	1.0879
#2	.07274	.00925	.13778	.00023	.00459	73.445	1.0894

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00642	.00452	80.163	.19769	.10360	.19199	187.57
SDev	.00001	.00005	.187	.00070	.00007	.00080	.74
%RSD	.09887	1.0432	.23376	.35201	.06498	.41797	.39661
#1	.00642	.00456	80.030	.19720	.10356	.19143	187.04
#2	.00643	.00449	80.295	.19818	.10365	.19256	188.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.2283	54.763	.18742	-.00544	1.7359	.27175	.53396
SDev	.0114	.150	.00077	.00079	.0120	.00075	.00224
%RSD	.26903	.27443	.40948	14.603	.69034	.27406	.41883
#1	4.2202	54.657	.18688	-.00487	1.7274	.27122	.53238
#2	4.2363	54.870	.18796	-.00600	1.7444	.27228	.53555

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.481	.00185	.00589	.20430	.10384	-.00181	-.00175
SDev	.092	.00379	.00621	.00095	.00198	.00524	.00064
%RSD	.52707	205.06	105.39	.46649	1.9111	289.90	36.742
#1	17.416	-.00083	.01029	.20363	.10524	-.00551	-.00130
#2	17.547	.00453	.00150	.20498	.10243	.00190	-.00221

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00224	.02943	1.6637	-.06341	3.9649
SDev	.00032	.00168	.0049	.00119	.0064
%RSD	14.111	5.7034	.29729	1.8812	.16180
#1	-.00202	.03062	1.6602	-.06256	3.9695
#2	-.00246	.02825	1.6672	-.06425	3.9604

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Method: 6010B Sample Name: S2236-02 Operator: DR
Run Time: 04/22/04 15:22:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01401	.00057	.06331	.00104	.01133	62.358	.21431
SDev	.00034	.00100	.00044	.00079	.00317	.075	.00011
%RSD	2.4037	173.88	.70242	76.249	27.948	.12015	.04946
#1	.01377	-.00013	.06362	.00160	.00909	62.305	.21438
#2	.01425	.00128	.06300	.00048	.01357	62.411	.21423

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	.00158	4.6641	.22784	.05898	.08696	89.808
SDev	.00000	.00005	.0057	.00042	.00010	.00058	.098
%RSD	.06947	2.9324	.12190	.18324	.17195	.66624	.10929
#1	.00228	.00162	4.6681	.22755	.05891	.08655	89.739
#2	.00227	.00155	4.6601	.22814	.05906	.08737	89.878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98893	13.938	.09049	-.00217	.35237	.12052	.28641
SDev	.00007	.042	.00103	.00068	.27563	.00072	.00039
%RSD	.00713	.30296	1.1398	31.089	78.222	.59609	.13598
#1	.98888	13.908	.09121	-.00265	.15747	.12002	.28614
#2	.98898	13.968	.08976	-.00169	.54726	.12103	.28669

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2494	.01104	.00872	.10647	.03996	.00127	-.00068
SDev	.0355	.00203	.00545	.00195	.00030	.00087	.00162
%RSD	.67593	18.364	62.517	1.8281	.76324	68.389	239.63
#1	5.2243	.00960	.00486	.10785	.03975	.00065	.00047
#2	5.2745	.01247	.01257	.10509	.04018	.00188	-.00182

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00624	.00319	1.3995	-.05500	3.9492
SDev	.00022	.00286	.0017	.00091	.0033
%RSD	3.5755	89.744	.12233	1.6541	.08331
#1	.00608	.00521	1.3983	-.05436	3.9469
#2	.00640	.00116	1.4007	-.05565	3.9515

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Method: 6010B Sample Name: S2236-03 Operator: DR
Run Time: 04/22/04 15:24:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05798	-.00376	.07665	-.00194	.00909	49.734	.19790
SDev	.00232	.00133	.00004	.00052	.00032	.194	.00036
%RSD	4.0084	35.451	.05217	26.833	3.5249	.38924	.18049
#1	.05634	-.00470	.07663	-.00230	.00931	49.597	.19765
#2	.05962	-.00282	.07668	-.00157	.00886	49.870	.19815

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00544	.00465	3.7835	.19767	.06278	.08879	189.90
SDev	.00001	.00061	.0092	.00095	.00243	.00466	1.04
%RSD	.22465	13.101	.24419	.48236	3.8682	5.2499	.54743
#1	.00543	.00508	3.7770	.19834	.06450	.09209	189.17
#2	.00544	.00422	3.7900	.19699	.06106	.08549	190.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2736	8.7842	.07668	.01593	.46792	.16746	.26477
SDev	.0028	.1259	.00438	.02591	.03922	.00555	.00118
%RSD	.21644	1.4332	5.7052	162.60	8.3817	3.3150	.44559
#1	1.2716	8.6952	.07978	.03425	.44019	.17138	.26393
#2	1.2755	8.8732	.07359	-.00239	.49565	.16353	.26560

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8027	.00364	.01680	.13038	.04823	-.00735	-.00083
SDev	.0876	.00042	.00181	.00012	.00000	.00115	.00021
%RSD	2.3026	11.669	10.783	.09462	.00337	15.586	24.880
#1	3.7408	.00334	.01809	.13029	.04824	-.00816	-.00098
#2	3.8646	.00394	.01552	.13046	.04823	-.00654	-.00068

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00067	-.01035	.86325	-.02874	6.7830
SDev	.00045	.00099	.00207	.00194	.0322
%RSD	67.040	9.6078	.23994	6.7535	.47534
#1	.00035	-.00965	.86178	-.03011	6.7602
#2	.00098	-.01106	.86471	-.02737	6.8058

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Method: 6010B Sample Name: S2236-04 Operator: DR
Run Time: 04/22/04 15:25:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04390	-.00672	.14780	-.00017	.00635	76.445	.46281
SDev	.00161	.00049	.00278	.00228	.00033	.119	.00021
%RSD	3.6724	7.2841	1.8818	1366.7	5.1573	.15581	.04489
#1	.04504	-.00638	.14976	.00144	.00612	76.361	.46266
#2	.04276	-.00707	.14583	-.00178	.00659	76.529	.46296

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00408	.00249	8.9315	.09220	.03041	.05897	103.30
SDev	.00001	.00004	.0130	.00006	.00051	.00130	.23
%RSD	.15048	1.5238	.14588	.06453	1.6651	2.1973	.22096
#1	.00407	.00252	8.9223	.09216	.03005	.05989	103.14
#2	.00408	.00246	8.9407	.09224	.03076	.05806	103.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79580	11.131	.07125	-.00114	1.2752	.11535	.45946
SDev	.00085	.020	.00085	.00018	.0229	.00084	.00170
%RSD	.10657	.18379	1.1911	15.515	1.7940	.72991	.37047
#1	.79520	11.117	.07155	-.00126	1.2591	.11475	.45825
#2	.79640	11.146	.07065	-.00101	1.2914	.11594	.46066

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1828	.00469	.00649	.19918	.12034	-.00086	-.00142
SDev	.0160	.00020	.00139	.00060	.00387	.00410	.00137
%RSD	.73412	4.2819	21.361	.30273	3.2148	474.65	96.333
#1	2.1714	.00483	.00551	.19961	.12308	.00204	-.00045
#2	2.1941	.00455	.00747	.19876	.11761	-.00377	-.00238

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00257	-.00336	.57976	-.01567	6.2348
SDev	.00019	.00118	.00068	.00036	.0117
%RSD	7.2386	35.119	.11665	2.3220	.18733
#1	-.00270	-.00253	.57929	-.01542	6.2265
#2	-.00244	-.00420	.58024	-.01593	6.2430

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Method: 6010B Sample Name: ~~S2236-05~~ 222222 04 4/26/04 Operator: DR
Run Time: 04/22/04 15:27:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09424	-.00978	.21055	.00098	.01029	78.087	.24258
SDev	.00326	.00568	.00043	.00208	.00144	.038	.00021
%RSD	3.4555	58.134	.20535	212.83	13.999	.04892	.08827
#1	.09654	-.01380	.21025	-.00049	.01131	78.060	.24273
#2	.09194	-.00576	.21086	.00245	.00927	78.114	.24243

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00437	.00464	6.6909	.28300	.07470	.12567	188.70
SDev	.00002	.00006	.0097	.00046	.00074	.00111	.41
%RSD	.39461	1.2101	.14516	.16159	.99360	.88381	.21624
#1	.00436	.00460	6.6840	.28332	.07523	.12646	188.41
#2	.00438	.00468	6.6977	.28268	.07418	.12489	188.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8063	18.386	.11634	-.00010	.68284	.23570	.56213
SDev	.0024	.012	.00032	.00461	.14925	.00058	.00026
%RSD	.13301	.06276	.27245	4407.7	21.857	.24578	.04587
#1	1.8046	18.378	.11657	.00316	.57731	.23611	.56195
#2	1.8080	18.394	.11612	-.00337	.78838	.23529	.56231

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1664	.00347	.02073	.27107	.17854	-.00454	.00213
SDev	.0143	.00088	.00609	.00002	.00066	.00149	.00238
%RSD	.27693	25.314	29.360	.00701	.36837	32.878	111.50
#1	5.1766	.00285	.02504	.27108	.17808	-.00559	.00045
#2	5.1563	.00410	.01643	.27106	.17901	-.00348	.00381

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00279	-.00882	1.2748	-.04557	4.3460
SDev	.00229	.00118	.0024	.00103	.0041
%RSD	81.907	13.401	.18570	2.2629	.09463
#1	-.00441	-.00965	1.2731	-.04630	4.3431
#2	-.00118	-.00798	1.2764	-.04484	4.3489

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Method: 6010B Sample Name: ~~S2225-06~~ 222222 OK 4/22/04 Operator: DR
Run Time: 04/22/04 15:29:42 OK 4/22/04
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04461	-.00020	.10382	-.00140	.00882	81.095	.20854
SDev	.00021	.00509	.00065	.00213	.00088	.015	.00032
%RSD	.47656	2574.6	.62785	151.63	9.9777	.01897	.15123
#1	.04446	.00340	.10428	.00010	.00820	81.106	.20877
#2	.04476	-.00379	.10336	-.00291	.00945	81.084	.20832

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00738	.00496	5.9665	.46321	.13545	.12797	235.66
SDev	.00005	.00021	.0111	.00058	.00142	.00108	.03
%RSD	.72534	4.2822	.18661	.12446	1.0462	.84719	.01306
#1	.00742	.00511	5.9744	.46362	.13645	.12874	235.63
#2	.00735	.00481	5.9587	.46280	.13445	.12721	235.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2701	10.756	.10203	-.00491	.68477	.29628	.51140
SDev	.0024	.020	.00011	.00141	.25656	.00107	.00044
%RSD	.10582	.18288	.11158	28.701	37.467	.36129	.08587
#1	2.2718	10.770	.10211	-.00392	.86619	.29704	.51171
#2	2.2684	10.742	.10195	-.00591	.50335	.29552	.51109

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0362	.00603	.01122	.18476	.06152	-.00309	-.00216
SDev	.0217	.00199	.00134	.00351	.00259	.00523	.00058
%RSD	.53880	32.947	11.893	1.9024	4.2112	169.45	26.674
#1	4.0516	.00462	.01216	.18227	.06335	.00061	-.00175
#2	4.0208	.00743	.01028	.18724	.05969	-.00678	-.00257

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00659	-.01655	1.3275	-.05343	3.9691
SDev	.00100	.00081	.0017	.00034	.0219
%RSD	15.232	4.8829	.12579	.64329	.55122
#1	-.00588	-.01598	1.3286	-.05367	3.9846
#2	-.00730	-.01712	1.3263	-.05319	3.9536

OK 4/22/04

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Method: 6010B Sample Name: ~~S2236-07~~ 222222 on 4/22/04 Operator: DR
Run Time: 04/22/04 15:31:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03466	-.00421	.09360	-.00439	.00642	49.366	.15374
SDev	.00155	.00162	.00049	.00055	.00102	.001	.00010
%RSD	4.4724	38.501	.51776	12.622	15.800	.00227	.06685
#1	.03357	-.00535	.09394	-.00400	.00570	49.367	.15381
#2	.03576	-.00306	.09326	-.00479	.00714	49.365	.15366

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00307	.00233	5.9567	.11008	.04350	.08814	124.30
SDev	.00002	.00028	.0047	.00066	.00027	.00053	.22
%RSD	.56279	12.108	.07954	.59626	.62063	.60412	.18079
#1	.00308	.00253	5.9600	.11055	.04370	.08851	124.46
#2	.00305	.00213	5.9533	.10962	.04331	.08776	124.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88804	11.253	.06670	-.00522	.40937	.13018	.27110
SDev	.00026	.020	.00038	.00168	.01634	.00059	.00110
%RSD	.02915	.17713	.57775	32.242	3.9919	.44906	.40500
#1	.88822	11.268	.06643	-.00641	.39782	.12977	.27188
#2	.88786	11.239	.06697	-.00403	.42093	.13060	.27033

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9387	.00347	.00913	.13890	.06928	-.00610	-.00514
SDev	.0532	.00224	.00143	.00200	.00013	.00117	.00141
%RSD	1.3513	64.425	15.674	1.4391	.18767	19.147	27.498
#1	3.9763	.00189	.01014	.14032	.06919	-.00692	-.00414
#2	3.9010	.00505	.00812	.13749	.06938	-.00527	-.00614

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	-.00380	.73439	-.02558	4.6147
SDev	.00134	.00006	.00076	.00148	.0051
%RSD	46.843	1.6347	.10361	5.7697	.11050
#1	-.00191	-.00385	.73493	-.02454	4.6183
#2	-.00381	-.00376	.73385	-.02662	4.6111

on 4/22/04

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Method: 6010B Sample Name: S2236-08 Operator: DR
Run Time: 04/22/04 15:33:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10200	-.00539	.46806	.00189	.06466	57.748	.48828
SDev	.00302	.00156	.00357	.00044	.00060	.220	.00251
%RSD	2.9651	28.975	.76366	23.419	.92662	.38137	.51488
#1	.09986	-.00429	.46553	.00220	.06424	57.593	.48650
#2	.10413	-.00650	.47058	.00158	.06509	57.904	.49005

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00407	.00863	46.033	.23829	.09420	.29329	118.87
SDev	.00000	.00031	.212	.00097	.00024	.00040	.66
%RSD	.03060	3.5417	.46059	.40899	.25084	.13486	.55519
#1	.00407	.00885	45.883	.23760	.09436	.29301	118.41
#2	.00407	.00841	46.183	.23898	.09403	.29357	119.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2282	24.731	.09779	-.00281	3.2496	.19110	1.1567
SDev	.0129	.102	.00050	.00016	.2658	.00057	.0087
%RSD	.57710	.41148	.51279	5.6333	8.1800	.29651	.74902
#1	2.2191	24.659	.09744	-.00293	3.4376	.19150	1.1505
#2	2.2373	24.803	.09815	-.00270	3.0617	.19070	1.1628

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5209	.06380	.06319	.51291	.44386	.00236	.00006
SDev	.0401	.00261	.00343	.00632	.00220	.00243	.00187
%RSD	.61434	4.0923	5.4285	1.2327	.49615	103.02	3384.8
#1	6.5492	.06195	.06562	.50844	.44230	.00064	.00138
#2	6.4925	.06565	.06076	.51738	.44542	.00407	-.00127

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00217	.01053	1.5386	-.05532	5.7571
SDev	.00127	.00093	.0088	.00216	.0184
%RSD	58.414	8.8577	.57282	3.9108	.32003
#1	.00306	.01119	1.5324	-.05685	5.7440
#2	.00127	.00987	1.5449	-.05379	5.7701

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Method: 6010B Sample Name: S2236-09 Operator: DR
Run Time: 04/22/04 15:35:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08489	-.00101	.10843	-.00207	.00834	64.213	.40021
SDev	.00085	.00915	.00197	.00019	.00296	.176	.00110
%RSD	1.0041	901.85	1.8133	9.2036	35.443	.27358	.27589
#1	.08550	-.00748	.10982	-.00194	.00625	64.337	.40099
#2	.08429	.00545	.10704	-.00221	.01044	64.089	.39943

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00383	.00388	60.008	.14637	.06287	.11266	158.50
SDev	.00000	.00016	.054	.00048	.00047	.00022	.14
%RSD	.02706	4.1078	.09001	.32602	.75142	.19290	.08656
#1	.00383	.00400	60.046	.14671	.06253	.11282	158.40
#2	.00383	.00377	59.970	.14603	.06320	.11251	158.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3582	19.980	.10951	-.00427	.24028	.16804	.40958
SDev	.0004	.002	.00019	.00034	.03868	.00047	.00026
%RSD	.03294	.00919	.17171	7.8766	16.096	.28042	.06342
#1	1.3585	19.979	.10964	-.00403	.21293	.16837	.40977
#2	1.3579	19.981	.10937	-.00451	.26763	.16771	.40940

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5886	.00557	.01070	.16815	.07681	.00072	-.00507
SDev	.0212	.00534	.00181	.00071	.00330	.0022[illegible]	.00139
%RSD	.46147	95.856	16.904	.42488	4.3018	306.03	27.413
#1	4.6035	.00179	.01198	.16765	.07915	-.00084	-.00409
#2	4.5736	.00934	.00942	.16866	.07448	.00229	-.00605

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00150	-.01304	1.1235	-.04385	5.5651
SDev	.00058	.00031	.0021	.00188	.0217
%RSD	38.332	2.3848	.18625	4.2879	.39019
#1	-.00191	-.01326	1.1249	-.04252	5.5805
#2	-.00110	-.01282	1.1220	-.04518	5.5498

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Method: 6010B Sample Name: S2236-10 Operator: DR
Run Time: 04/22/04 15:37:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04318	-.00306	.08554	-.00334	.00263	60.712	.21153
SDev	.00100	.00650	.00035	.00079	.00073	.363	.00146
%RSD	2.3099	212.71	.40977	23.672	27.655	.59723	.69182
#1	.04248	-.00766	.08579	-.00278	.00212	60.968	.21257
#2	.04389	.00154	.08529	-.00390	.00315	60.455	.21050

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00313	.00244	17.371	.11337	.05774	.09148	122.53
SDev	.00001	.00000	.082	.00054	.00017	.00103	.69
%RSD	.20312	.16643	.47187	.47348	.29174	1.1227	.56563
#1	.00313	.00245	17.429	.11375	.05786	.09221	123.02
#2	.00312	.00244	17.313	.11299	.05762	.09075	122.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2167	21.441	.10251	-.00305	3.8151	.12549	.31526
SDev	.0065	.109	.00124	.00042	.0022	.00074	.00133
%RSD	.53228	.50887	1.2115	13.701	.05711	.59162	.42266
#1	1.2213	21.518	.10339	-.00334	3.8166	.12602	.31621
#2	1.2122	21.364	.10163	-.00275	3.8135	.12497	.31432

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7589	.00228	.00014	.13464	.05943	-.00869	-.00227
SDev	.0355	.00018	.00183	.00019	.00043	.00237	.00000
%RSD	.74560	7.8427	1277.1	.14263	.72298	27.261	.08989
#1	4.7840	.00215	-.00115	.13478	.05973	-.00701	-.00226
#2	4.7338	.00240	.00144	.13451	.05912	-.01036	-.00227

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	-.00459	.92482	-.03392	5.5369
SDev	.00123	.00218	.00452	.00150	.0304
%RSD	134.55	47.361	.48907	4.4114	.54963
#1	-.00004	-.00306	.92802	-.03286	5.5584
#2	-.00178	-.00613	.92163	-.03497	5.5153

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 15:39:43
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1526	5.1819	5.3326	5.2228	5.0817	10.186	9.6502
SDev	.0095	.0302	.0204	.0082	.0161	.018	.0217
%RSD	.18454	.58296	.38297	.15720	.31716	.17736	.22528
#1	5.1594	5.2032	5.3470	5.2286	5.0931	10.199	9.6656
#2	5.1459	5.1605	5.3181	5.2170	5.0703	10.173	9.6348

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25543	2.6444	26.011	1.0269	2.5838	1.2231	5.2207
SDev	.00068	.0046	.062	.0022	.0074	.0014	.0129
%RSD	.26713	.17295	.23772	.21873	.28725	.11725	.24765
#1	.25591	2.6476	26.054	1.0285	2.5891	1.2241	5.2299
#2	.25495	2.6411	25.967	1.0253	2.5786	1.2220	5.2116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5599	25.852	2.6156	1.2473	24.228	2.5159	2.5774
SDev	.0062	.048	.0042	.0023	.160	.0057	.0037
%RSD	.24379	.18667	.16095	.18419	.65875	.22714	.14472
#1	2.5643	25.886	2.6186	1.2490	24.115	2.5199	2.5801
#2	2.5555	25.818	2.6127	1.2457	24.341	2.5118	2.5748

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.710	5.0798	5.0822	5.2988	5.3476	5.2174	5.2239
SDev	.072	.0116	.0252	.0026	.0293	.0020	.0113
%RSD	.28951	.22785	.49620	.04929	.54817	.03849	.21643
#1	24.659	5.0880	5.1000	5.3007	5.3683	5.2188	5.2319
#2	24.760	5.0717	5.0644	5.2970	5.3269	5.2160	5.2159

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1078	5.0720	5.0315	5.2602	5.0248
SDev	.0165	.0154	.0111	.0119	.0199
%RSD	.32264	.30277	.21970	.22600	.39613
#1	5.1194	5.0611	5.0394	5.2686	5.0389
#2	5.0961	5.0828	5.0237	5.2518	5.0108

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 15:41:49
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00415	-.00262	.00135	.00051	.00749	-.04761	-.00008
SDev	.00131	.00376	.00054	.00324	.00024	.00000	.00010
%RSD	31.551	143.31	40.067	633.67	3.2665	.00231	123.93
#1	.00508	.00003	.00097	.00280	.00732	-.04761	-.00001
#2	.00323	-.00528	.00173	-.00178	.00766	-.04761	-.00016

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00032	.01177	-.00027	.00000	-.00345	.05203
SDev	.00002	.00019	.00355	.00008	.00068	.00040	.01419
%RSD	156.87	58.416	30.199	29.816	98477.	11.601	27.273
#1	.00003	.00046	.01428	-.00021	-.00048	-.00317	.06206
#2	-.00000	.00019	.00925	-.00032	.00048	-.00374	.04199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.01271	-.00006	-.00000	-.40719	.00027	-.00409
SDev	.00031	.00420	.00014	.00035	.06972	.00024	.00080
%RSD	25.438	33.023	253.13	76721.	17.123	88.203	19.660
#1	.00142	.01568	-.00016	-.00025	-.45650	.00044	-.00352
#2	.00099	.00974	.00005	.00025	-.35789	.00010	-.00466

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.27925	.00786	.00355	.00202	-.00098	.00695	-.00440
SDev	.02175	.00246	.00566	.00177	.00007	.00016	.00480
%RSD	7.7876	31.265	159.37	87.623	7.5013	2.2860	108.98
#1	-.26387	.00960	-.00045	.00077	-.00093	.00684	-.00101
#2	-.29463	.00612	.00755	.00328	-.00104	.00706	-.00779

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.01514	.00097	.00669	-.00041
SDev	.00050	.01032	.00019	.00020	.01003
%RSD	54.840	68.147	19.570	3.0237	2423.2
#1	.00127	.02244	.00111	.00683	-.00751
#2	.00056	.00785	.00084	.00654	.00668

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Method: 6010B Sample Name: S2241-01 Operator: DR
Run Time: 04/22/04 15:46:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02705	-.00295	40.056	-.00167	.01409	46.589	.82322
SDev	.00201	.00443	1.121	.00372	.00271	.277	.00388
%RSD	7.4338	149.95	2.7997	222.91	19.210	.59395	.47151
#1	.02847	.00018	39.263	.00096	.01218	46.393	.82047
#2	.02563	-.00609	40.849	-.00430	.01600	46.784	.82596

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	.00534	19.934	.12040	.05243	.22592	125.64
SDev	.00008	.00160	.046	.00260	.00219	.00751	.44
%RSD	2.9426	30.049	.23056	2.1624	4.1821	3.3239	.35028
#1	.00264	.00647	19.901	.12224	.05398	.23123	125.33
#2	.00253	.00420	19.966	.11856	.05088	.22061	125.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2716	21.018	.15361	.01753	1.0973	.16567	.62188
SDev	.0027	.379	.00156	.02755	.9434	.00903	.00051
%RSD	.11929	1.8045	1.0176	157.12	85.980	5.4493	.08221
#1	2.2697	21.286	.15472	.03702	1.7644	.17205	.62225
#2	2.2736	20.749	.15250	-.00195	.43017	.15929	.62152

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2806	.01166	.01576	40.488	39.838	-.00366	-.00227
SDev	.0647	.00316	.00181	.282	1.540	.00422	.00347
%RSD	1.2247	27.073	11.467	.69720	3.8666	115.15	152.72
#1	5.2348	.00942	.01448	40.288	38.749	-.00068	.00018
#2	5.3263	.01389	.01704	40.687	40.927	-.00665	-.00472

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00250	-.00139	2.5604	.23498	6.9065
SDev	.00017	.00075	.0114	.00099	.0441
%RSD	6.6858	53.855	.44412	.42159	.63833
#1	-.00262	-.00086	2.5523	.23568	6.8754
#2	-.00239	-.00191	2.5684	.23428	6.9377

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Method: 6010B Sample Name: S2216-01X10 Operator: DR
Run Time: 04/22/04 15:48:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	-.01222	.18948	22.702	.00728	-.00119	.00184
SDev	.00037	.00466	.21736	.371	.00120	.03405	.00042
%RSD	38.931	38.155	114.71	1.6344	16.445	2850.3	22.720
#1	.00068	-.01551	.34318	22.440	.00643	.02288	.00214
#2	.00120	-.00892	.03579	22.965	.00812	-.02527	.00155

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00064	2.9483	-.00141	-.00005	.00331	.21502
SDev	.00002	.00041	.0026	.00145	.00081	.00342	.10058
%RSD	59.652	63.458	.08839	103.12	1719.5	103.46	46.779
#1	-.00006	-.00093	2.9501	-.00243	-.00062	.00089	.28614
#2	-.00002	-.00035	2.9464	-.00038	.00053	.00573	.14390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00973	1.9419	.00022	-.00942	15.922	.00726	.09396
SDev	.00068	.1642	.00060	.01111	.584	.00369	.00007
%RSD	7.0135	8.4552	276.97	118.00	3.6675	50.799	.07579
#1	.00925	1.8258	-.00021	-.01728	15.509	.00465	.09401
#2	.01021	2.0580	.00064	-.00156	16.335	.00986	.09391

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.857	.00625	.00613	.04624	.25900	22.835	22.634
SDev	.161	.00255	.00152	.02141	.31518	.163	.475
%RSD	1.2552	40.831	24.803	46.306	121.69	.71572	2.0972
#1	12.971	.00445	.00720	.06138	.48187	22.719	22.299
#2	12.743	.00806	.00505	.03110	.03613	22.950	22.970

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00223	.00455	.00306	.00098	.24456
SDev	.00132	.00155	.00197	.00067	.00411
%RSD	59.194	34.164	64.146	67.926	1.6816
#1	.00130	.00565	.00445	.00051	.24165
#2	.00316	.00345	.00167	.00145	.24746

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Method: 6010B Sample Name: S2216-02X10 Operator: DR
Run Time: 04/22/04 15:50:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00191	-.01081	.00934	2.4070	.00889	-.04919	.00084
SDev	.00229	.00567	.00135	.0493	.00166	.00150	.00005
%RSD	119.42	52.433	14.451	2.0470	18.643	3.0589	6.2410
#1	.00030	-.01481	.01029	2.4418	.00772	-.05025	.00088
#2	.00353	-.00680	.00838	2.3722	.01007	-.04812	.00081

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00003	3.2054	.00017	.00029	.00964	.08881
SDev	.00002	.00027	.0327	.00014	.00088	.00017	.01182
%RSD	207.74	1001.7	1.0199	82.283	306.17	1.7935	13.313
#1	-.00000	.00016	3.2285	.00007	-.00033	.00952	.08045
#2	.00002	-.00022	3.1823	.00027	.00091	.00976	.09717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00745	2.2905	.00181	-.00119	5.3654	.00111	.06552
SDev	.00005	.0215	.00130	.00040	.2032	.00024	.00061
%RSD	.63308	.93895	71.846	33.654	3.7868	21.423	.92695
#1	.00748	2.3057	.00272	-.00147	5.5091	.00095	.06595
#2	.00741	2.2753	.00089	-.00091	5.2217	.00128	.06509

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.848	.00729	.00891	.00891	.00755	2.3756	2.4210
SDev	.096	.00071	.00356	.00084	.00160	.0176	.0649
%RSD	.80664	9.7150	39.977	9.4270	21.238	.74142	2.6821
#1	11.916	.00679	.00639	.00950	.00868	2.3881	2.4669
#2	11.781	.00779	.01143	.00831	.00642	2.3632	2.3751

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.00481	.00031	.00324	.32179
SDev	.00039	.00068	.00002	.00180	.00181
%RSD	25.248	14.208	6.7226	55.519	.56232
#1	.00127	.00433	.00033	.00197	.32307
#2	.00182	.00530	.00030	.00451	.32051

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Method: 6010B Sample Name: S2216-03X10 Operator: DR
Run Time: 04/22/04 15:52:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	-.00179	.00437	.03257	.00474	-.08892	.00474
SDev	.00228	.00361	.00141	.01086	.00139	.00298	.00042
%RSD	131.14	202.38	32.178	33.350	29.369	3.3480	8.8472
#1	.00013	-.00434	.00536	.04025	.00573	-.09102	.00504
#2	.00336	.00077	.00338	.02489	.00376	-.08681	.00444

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00307	-.00010	2.4072	-.00002	.00053	.02416	.18830
SDev	.00001	.00009	.0064	.00012	.00014	.00058	.06384
%RSD	.35854	90.172	.26572	592.46	25.696	2.3865	33.902
#1	-.00306	-.00004	2.4117	-.00010	.00043	.02456	.23344
#2	-.00307	-.00016	2.4027	.00006	.00062	.02375	.14316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02718	1.5607	.00100	-.00099	5.4216	2.1431	.09232
SDev	.00040	.0039	.00016	.00037	.1814	.0023	.00019
%RSD	1.4728	.25207	16.295	37.203	3.3457	.10558	.20707
#1	.02746	1.5635	.00112	-.00125	5.2934	2.1447	.09246
#2	.02689	1.5580	.00089	-.00073	5.5499	2.1415	.09219

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.4735	.01233	-.01366	.00487	.00212	.02946	.03252
SDev	.0080	.00302	.00187	.00918	.00248	.00935	.01161
%RSD	.10721	24.514	13.707	188.40	116.85	31.740	35.719
#1	7.4791	.01447	-.01499	.01137	.00037	.03608	.04073
#2	7.4678	.01019	-.01234	-.00162	.00387	.02285	.02430

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00345	.00034	.00081	.11300
SDev	.00050	.00124	.00006	.00002	.00494
%RSD	54.840	36.036	18.417	2.4940	4.3674
#1	.00127	.00257	.00039	.00080	.10951
#2	.00056	.00433	.00030	.00082	.11649

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Method: 6010B Sample Name: S2218-01X10 Operator: DR
Run Time: 04/22/04 15:54:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	-.00690	.00203	.01234	.00624	-.05422	.00151
SDev	.00104	.00581	.00082	.00036	.00139	.00036	.00005
%RSD	92.021	84.201	40.396	2.8898	22.270	.67210	3.4603
#1	-.00186	-.00279	.00145	.01259	.00526	-.05396	.00155
#2	-.00039	-.01101	.00262	.01209	.00723	-.05448	.00147

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00050	4.9048	-.00063	-.00012	.00111	.07961
SDev	.00001	.00009	.0235	.00008	.00057	.00000	.02012
%RSD	61.222	18.027	.47817	12.604	482.49	.11360	25.269
#1	-.00001	-.00057	4.9214	-.00058	-.00052	.00111	.09384
#2	-.00001	-.00044	4.8882	-.00069	.00029	.00111	.06539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00933	1.0233	.00133	-.00170	1.5079	.00136	.31899
SDev	.00016	.0034	.00003	.00078	.0512	.00083	.00153
%RSD	1.7671	.33321	2.2871	46.062	3.3957	60.957	.47998
#1	.00945	1.0257	.00135	-.00225	1.5441	.00078	.32008
#2	.00921	1.0209	.00131	-.00115	1.4717	.00195	.31791

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2077	.00455	.00643	.00028	.00091	.01473	.00955
SDev	.0235	.00118	.00654	.00009	.00128	.00077	.00015
%RSD	.45056	25.946	101.71	30.296	140.26	5.2067	1.5891
#1	5.2243	.00539	.00181	.00034	.00001	.01527	.00965
#2	5.1911	.00372	.01105	.00022	.00181	.01419	.00944

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.00429	.00057	-.00035	.07380
SDev	.00058	.00305	.00004	.00020	.00082
%RSD	70.289	71.082	7.4361	58.212	1.1145
#1	-.00123	.00644	.00054	-.00020	.07438
#2	-.00041	.00213	.00060	-.00049	.07322

Ca = 25 mg/52g
K = 27.1 mg/52g
Na = 7.54 mg/52g

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Method: 6010B Sample Name: PB13814BL Operator: DR
Run Time: 04/22/04 15:57:51
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00149	-.00015	.00363	.00831	-.06139	-.00176
SDev	.00116	.00177	.00021	.00366	.00071	.00075	.00016
%RSD	194.01	118.93	134.48	100.84	8.4853	1.2265	8.9867
#1	.00141	.00274	-.00001	.00104	.00881	-.06085	-.00187
#2	-.00022	.00024	-.00030	.00622	.00781	-.06192	-.00164

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00036	.00155	-.00121	-.00012	-.00427	.01942
SDev	.00002	.00013	.00047	.00034	.00010	.00097	.02010
%RSD	144.11	36.119	30.592	27.979	85.582	22.740	103.50
#1	-.00002	-.00046	.00121	-.00145	-.00019	-.00495	.03364
#2	.00000	-.00027	.00188	-.00097	-.00005	-.00358	.00521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00083	-.00117	-.00125	-.74268	-.00041	-.00557
SDev	.00005	.00393	.00046	.00122	.18139	.00048	.00016
%RSD	38.784	473.52	39.555	97.827	24.424	117.42	2.8646
#1	.00009	-.00361	-.00084	-.00211	-.87094	-.00007	-.00545
#2	.00015	.00195	-.00150	-.00038	-.61442	-.00074	-.00568

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.31041	.00823	.00526	.00311	-.00378	.00778	-.00004
SDev	.02804	.00005	.00202	.00113	.00025	.00530	.00285
%RSD	9.0339	.57756	38.473	36.220	6.7026	68.060	.75672
#1	-.33024	.00827	.00668	.00391	-.00396	.00404	-.00205
#2	-.29058	.00820	.00383	.00232	-.00360	.01153	.00198

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	-.00108	-.00012	.00261	.00156
SDev	.00110	.00143	.00008	.00091	.00888
%RSD	242.75	132.70	71.035	34.832	568.21
#1	-.00123	-.00209	-.00018	.00326	-.00472
#2	.00032	-.00007	-.00006	.00197	.00784

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Method: 6010B Sample Name: PB13815BL Operator: DR
Run Time: 04/22/04 16:00:01
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	.00194	.00004	.00134	.00552	-.06721	-.00220
SDev	.00177	.00198	.00078	.00024	.00189	.00002	.00016
%RSD	77.197	101.97	1967.1	18.102	34.237	.02425	7.1567
#1	-.00104	.00334	-.00051	.00117	.00686	-.06720	-.00209
#2	-.00354	.00054	.00059	.00151	.00418	-.06722	-.00231

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00037	-.00096	-.00103	-.00057	-.00398	-.00317
SDev	.00001	.00002	.00118	.00048	.00142	.00046	.00472
%RSD	30.018	4.1730	122.88	46.499	247.82	11.504	148.92
#1	-.00001	-.00036	-.00013	-.00069	.00043	-.00366	.00017
#2	-.00002	-.00038	-.00180	-.00136	-.00157	-.00431	-.00650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00121	-.00047	-.00078	-.70840	.00018	-.00602
SDev	.00014	.00734	.00001	.00198	.45756	.00107	.00008
%RSD	75.313	607.32	2.2064	254.19	64.591	586.14	1.3655
#1	.00029	.00640	-.00048	.00062	-.38485	.00094	-.00608
#2	.00009	-.00398	-.00046	-.00218	-1.0319	-.00057	-.00596

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.31405	.00629	.00077	.00133	-.00260	.00753	-.00335
SDev	.09500	.00080	.00407	.00108	.00171	.00220	.00146
%RSD	30.250	12.736	529.42	81.245	65.887	29.237	43.581
#1	-.24688	.00686	.00365	.00209	-.00381	.00909	-.00439
#2	-.38123	.00573	-.00211	.00056	-.00139	.00597	-.00232

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00055	-.00037	.00167	-.00251
SDev	.00028	.00236	.00002	.00042	.00016
%RSD	94.821	430.31	5.6651	25.447	6.5596
#1	-.00010	.00222	-.00039	.00197	-.00239
#2	-.00049	-.00112	-.00036	.00137	-.00262

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Method: 6010B Sample Name: PB13814BS Operator: DR
Run Time: 04/22/04 16:03:04
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76345	1.9512	1.0011	1.9235	.72108	1.7643	1.8317
SDev	.00308	.0091	.0024	.0038	.00112	.0045	.0027
%RSD	.40317	.46445	.23715	.19769	.15554	.25639	.14908
#1	.76563	1.9576	1.0028	1.9208	.72029	1.7675	1.8336
#2	.76128	1.9448	.99943	1.9262	.72188	1.7611	1.8298

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18995	.20082	4.8310	.38815	.19656	.26996	2.7343
SDev	.00009	.00043	.0066	.00062	.00111	.00212	.0106
%RSD	.04743	.21492	.13731	.15870	.56641	.78380	.38798
#1	.19002	.20113	4.8357	.38858	.19735	.27146	2.7418
#2	.18989	.20052	4.8263	.38771	.19578	.26846	2.7268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19343	1.9166	.49792	.07360	2.5583	.27934	.20260
SDev	.00016	.0068	.00044	.00177	.3782	.00262	.00000
%RSD	.08502	.35579	.08884	2.3992	14.781	.93743	.00165
#1	.19354	1.9215	.49823	.07485	2.8257	.28119	.20260
#2	.19331	1.9118	.49761	.07235	Q2.2909	.27749	.20260

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8944	.72362	.71280	.99603	1.0016	1.9206	1.9233
SDev	.1320	.00303	.00270	.00084	.0031	.0102	.0006
%RSD	1.4840	.41855	.37856	.08468	.31332	.52996	.03249
#1	8.9877	.72148	.71471	.99663	1.0039	1.9134	1.9229
#2	8.8010	.72576	.71089	.99543	.99942	1.9278	1.9238

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36204	.27703	.17622	.66740	Q.65668
SDev	.00180	.00155	.00015	.00433	.00395
%RSD	.49833	.56106	.08396	.64828	.60121
#1	.36332	.27813	.17633	.67046	Q.65388
#2	.36077	.27593	.17612	.66435	Q.65947

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Method: 6010B Sample Name: PB13815BS Operator: DR
Run Time: 04/22/04 16:05:22
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76744	1.9578	1.0029	1.9219	.71981	1.7658	1.8313
SDev	.00067	.0005	.0011	.0005	.00053	.0030	.0039
%RSD	.08746	.02536	.10856	.02781	.07400	.16956	.21506
#1	.76696	1.9581	1.0036	1.9223	.72019	1.7637	1.8285
#2	.76791	1.9574	1.0021	1.9215	.71943	1.7680	1.8341

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19008	.20129	4.8310	.38791	.19628	.26980	2.7309
SDev	.00044	.00037	.0100	.00060	.00024	.00040	.0012
%RSD	.23125	.18369	.20596	.15381	.12078	.14825	.04330
#1	.18977	.20103	4.8239	.38749	.19645	.26951	2.7301
#2	.19039	.20155	4.8380	.38833	.19611	.27008	2.7318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19359	1.9163	.49769	.07293	Q2.4093	.27875	.20274
SDev	.00040	.0031	.00435	.00017	.3060	.00012	.00036
%RSD	.20677	.16425	.87488	.22900	12.700	.04227	.17834
#1	.19331	1.9140	.49461	.07305	Q2.1930	.27883	.20249
#2	.19388	1.9185	.50076	.07281	2.6257	.27867	.20300

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8308	.72152	.71319	.99764	1.0035	1.9150	1.9237
SDev	.0023	.00109	.00377	.00277	.0030	.0015	.0000
%RSD	.02622	.15039	.52904	.27741	.30035	.07999	.00190
#1	8.8325	.72075	.71586	.99568	1.0056	1.9161	1.9237
#2	8.8292	.72228	.71052	.99959	1.0014	1.9140	1.9237

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36195	.27703	.17655	.66585	Q.66040
SDev	.00056	.00093	.00049	.00204	.00526
%RSD	.15417	.33664	.27534	.30668	.79710
#1	.36156	.27637	.17621	.66440	Q.65668
#2	.36235	.27769	.17689	.66729	Q.66412

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i. wrong QC table

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Method: 6010B Sample Name: S2218-01 Operator: DR
Run Time: 04/22/04 16:09:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	-.05250	.00154	.02049	.01237	.05463	.03117
SDev	.00106	.00921	.00225	.00387	.00517	.00226	.00032
%RSD	71.086	17.537	146.66	18.902	41.748	4.1427	1.0096
#1	.00225	-.05901	-.00006	.01775	.00872	.05303	.03095
#2	.00074	-.04599	.00313	.02323	.01603	.05624	.03140

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00039	47.997	.00477	-.00019	.05050	.70349
SDev	.00001	.00011	.183	.00115	.00108	.00143	.03428
%RSD	87.673	27.615	.38052	24.189	559.02	2.8356	4.8729
#1	-.00002	-.00047	47.867	.00395	-.00096	.04949	.67925
#2	-.00001	-.00031	48.126	.00558	.00057	.05152	.72772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08681	9.8056	.01460	-.00399	23.313	.00115	3.0520
SDev	.00052	.0380	.00078	.00191	.000	.00119	.0144
%RSD	.59654	.38785	5.3522	47.978	.00000	104.02	.47212
#1	.08644	9.7787	.01405	-.00534	23.313	.00030	3.0418
#2	.08717	9.8324	.01516	-.00264	23.313	.00199	3.0622

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.079	.01082	.01229	.00551	-.00255	.03100	.01354
SDev	.351	.00085	.01382	.00275	.00156	.00539	.00297
%RSD	.46162	7.8110	112.46	49.962	73.161	17.400	21.946
#1	75.831	.01022	.00252	.00356	-.00386	.02719	.01144
#2	76.328	.01141	.02206	.00746	-.00123	.03482	.01565

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.03633	.00767	-.01106	.74322
SDev	.00013	.00137	.00002	.00018	.00625
%RSD	4.8615	3.7644	.27566	1.6459	.84108
#1	.00259	.03730	.00765	-.01093	.73880
#2	.00277	.03537	.00768	-.01118	.74764

04 4/26/04

Ca 240 mg/52 g
Na 121 mg/52 g
K 396 mg/52g

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 16:11:37
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1853	5.2180	5.3408	5.2587	5.1120	10.187	9.7133
SDev	.0340	.0598	.0322	.0516	.0265	.033	.0211
%RSD	.65592	1.1465	.60207	.98083	.51929	.32205	.21732
#1	5.1613	5.1757	5.3181	5.2223	5.0932	10.164	9.6984
#2	5.2094	5.2603	5.3635	5.2952	5.1307	10.210	9.7283

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25567	2.6570	26.045	1.0265	2.5829	1.2230	5.1179
SDev	.00182	.0157	.144	.0072	.0169	.0054	.0636
%RSD	.71135	.58938	.55116	.70294	.65557	.44513	1.2435
#1	.25438	2.6459	25.944	1.0214	2.5709	1.2192	5.0729
#2	.25696	2.6680	26.147	1.0316	2.5949	1.2269	5.1629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5523	25.974	2.6193	1.2585	24.717	2.5134	2.5849
SDev	.0165	.154	.0254	.0013	.010	.0156	.0137
%RSD	.64772	.59273	.96828	.10527	.03852	.62063	.52836
#1	2.5406	25.865	2.6014	1.2575	24.724	2.5024	2.5752
#2	2.5640	26.083	2.6372	1.2594	24.710	2.5245	2.5945

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.961	5.1254	5.0818	5.3039	5.3573	5.2683	5.2524
SDev	.052	.0136	.0525	.0043	.0459	.0082	.0733
%RSD	.20777	.26507	1.0332	.08181	.85681	.15499	1.3947
#1	24.924	5.1158	5.0447	5.3009	5.3248	5.2625	5.2006
#2	24.997	5.1350	5.1189	5.3070	5.3898	5.2741	5.3042

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1301	5.0943	5.0244	5.2372	5.2159
SDev	.0339	.0708	.0315	.0462	.0790
%RSD	.65986	1.3901	.62680	.88212	1.5138
#1	5.1061	5.0442	5.0021	5.2045	5.2718
#2	5.1540	5.1444	5.0466	5.2699	5.1601

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 16:16:02
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	.00224	.00204	.00255	.00461	-.06535	.00055
SDev	.00024	.01176	.00254	.00067	.00194	.00336	.00037
%RSD	19.584	526.10	124.53	26.170	42.138	5.1461	67.190
#1	.00107	Q.01055	.00384	.00303	.00324	-.06773	.00081
#2	.00142	-.00608	.00024	.00208	.00598	-.06297	.00029

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00046	.00724	-.00059	.00076	-.00451	-.00400
SDev	.00003	.00007	.00284	.00014	.00061	.00109	.00592
%RSD	46.451	16.349	39.269	23.573	79.470	24.077	147.89
#1	.00009	.00040	.00925	-.00049	.00119	-.00374	-.00819
#2	.00004	.00051	.00523	-.00069	.00033	-.00528	.00018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.00622	.00059	-.00042	.20498	.00018	-.00460
SDev	.00009	.00970	.00081	.00020	.27824	.00060	.00016
%RSD	11.456	156.10	137.41	46.928	135.74	323.97	3.5115
#1	.00089	.01308	.00117	-.00028	.40172	.00060	-.00448
#2	.00075	-.00065	.00002	-.00055	.00823	-.00024	-.00471

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03212	.00519	.00024	.00131	.00041	.00798	-.00186
SDev	.06483	.00340	.00099	.00342	.00210	.00010	.00110
%RSD	201.83	65.597	406.01	261.69	515.29	1.1943	59.077
#1	.07796	.00278	.00094	.00373	.00189	.00805	-.00108
#2	-.01372	.00760	-.00045	-.00111	-.00108	.00791	-.00263

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00732	.00063	.00367	.00005
SDev	.00108	.00298	.00034	.00342	.00444
%RSD	94.686	40.773	53.828	93.103	8677.7
#1	.00038	.00943	.00087	.00609	-.00309
#2	.00190	.00521	.00039	.00125	.00319

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Method: 6010B Sample Name: S2186-01 Operator: DR
Run Time: 04/22/04 16:18:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	-.00671	.00024	-.00278	.00508	-.04602	.46422
SDev	.00159	.00411	.00254	.00279	.00248	.00525	.00052
%RSD	111.90	61.205	1042.5	100.38	48.911	11.410	.11315
#1	.00030	-.00961	.00204	-.00081	.00332	-.04973	.46459
#2	.00254	-.00381	-.00155	-.00475	.00683	-.04231	.46384

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00030	158.21	-.00083	.00126	-.00054	.05121
SDev	.00001	.00012	.10	.00020	.00057	.00143	.01300
%RSD	24.068	39.909	.06618	23.981	45.403	262.68	25.393
#1	.00002	-.00022	158.13	-.00097	.00086	-.00156	.04201
#2	.00003	-.00039	158.28	-.00069	.00167	.00047	.05040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0131	39.883	.01137	-.00264	95.064	-.00091	.01120
SDev	.0002	.046	.00101	.00084	.337	.00048	.00012
%RSD	.02321	.11443	8.8696	31.643	.35446	52.494	1.0498
#1	1.0129	39.851	.01066	-.00323	94.826	-.00125	.01112
#2	1.0132	39.916	.01208	-.00205	95.303	-.00057	.01129

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8064	.00639	-.00076	.00492	-.00409	.00603	-.00878
SDev	.0265	.00709	.00675	.00094	.00428	.00444	.00640
%RSD	.94407	110.94	888.68	19.079	104.56	73.613	72.911
#1	2.7877	.00138	.00401	.00426	-.00107	.00289	-.00425
#2	2.8252	.01141	-.00553	.00558	-.00711	.00916	-.01330

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.26085	.00008	-.00462	8.4426
SDev	.00039	.00404	.00011	.00063	.0345
%RSD	240.05	1.5492	140.39	13.561	.40917
#1	.00011	.25800	.00000	-.00418	8.4182
#2	-.00044	.26371	.00015	-.00507	8.4671

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Method: 6010B Sample Name: S2186-01D Operator: DR
Run Time: 04/22/04 16:20:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	-.00160	-.00011	-.00294	.00535	-.04124	.46511
SDev	.00250	.00241	.00029	.00228	.00052	.00075	.00000
%RSD	253.20	150.52	255.27	77.638	9.7102	1.8075	.00005
#1	-.00078	.00010	-.00032	-.00455	.00498	-.04071	.46511
#2	.00275	-.00331	.00009	-.00133	.00571	-.04177	.46511

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00003	158.44	-.00006	.00219	-.00131	.04450
SDev	.00001	.00042	.06	.00006	.00034	.00080	.02011
%RSD	204.85	1220.3	.03708	107.19	15.384	60.866	45.190
#1	-.00000	-.00033	158.40	-.00001	.00195	-.00188	.05872
#2	.00001	.00026	158.48	-.00010	.00243	-.00075	.03028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0122	39.908	.01268	-.00144	95.436	.00027	.01129
SDev	.0002	.029	.00008	.00070	.019	.00024	.00024
%RSD	.01860	.07229	.65257	48.765	.01941	87.576	2.1601
#1	1.0121	39.887	.01262	-.00194	95.449	.00010	.01112
#2	1.0123	39.928	.01274	-.00095	95.422	.00044	.01147

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8471	.00699	-.00115	.00495	-.00464	.00431	-.00816
SDev	.0006	.00114	.00072	.00208	.00061	.00635	.00025
%RSD	.01980	16.249	62.435	42.083	13.138	147.25	3.0722
#1	2.8475	.00619	-.00064	.00348	-.00421	-.00018	-.00833
#2	2.8467	.00779	-.00165	.00643	-.00507	.00880	-.00798

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.26156	-.00012	-.00306	8.5243
SDev	.00026	.00031	.00008	.00117	.0109
%RSD	27.261	.11885	71.035	38.277	.12737
#1	.00114	.26134	-.00006	-.00389	8.5166
#2	.00077	.26178	-.00018	-.00223	8.5320

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Method: 6010B Sample Name: S2186-01LX5 Operator: DR
Run Time: 04/22/04 16:22:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	.00601	.00041	-.00234	.00286	-.06324	.09312
SDev	.00122	.00226	.00176	.00255	.00429	.00711	.00011
%RSD	82.841	37.634	423.39	108.86	150.07	11.247	.11269
#1	-.00233	.00441	.00166	-.00054	.00590	-.05821	.09304
#2	-.00061	.00761	-.00083	-.00415	-.00017	-.06827	.09319

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.00006	33.620	-.00124	.00021	-.00431	.01022
SDev	.00001	.00021	.122	.00026	.00064	.00068	.00946
%RSD	156.10	377.03	.36146	20.901	298.56	15.898	92.543
#1	-.00000	.00021	33.534	-.00142	-.00024	-.00382	.00353
#2	.00001	-.00009	33.706	-.00105	.00067	-.00479	.01691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21208	8.3718	.00365	-.00155	16.454	-.00032	-.00206
SDev	.00094	.0698	.00079	.00031	.052	.00012	.00041
%RSD	.44425	.83336	21.718	20.153	.31828	37.241	19.852
#1	.21142	8.3224	.00309	-.00133	16.491	-.00041	-.00177
#2	.21275	8.4211	.00421	-.00177	16.417	-.00024	-.00234

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41000	.00232	.00075	.00148	-.00212	.00185	-.00604
SDev	.02537	.01182	.01079	.00315	.00106	.01082	.00158
%RSD	6.1871	510.32	1443.6	212.86	50.050	585.49	26.103
#1	.42794	.01068	-.00688	.00371	-.00137	.00950	-.00715
#2	.39206	-.00604	.00837	-.00075	-.00287	-.00580	-.00492

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.05687	-.00009	.00010	1.8011
SDev	.00006	.00243	.00004	.00006	.0081
%RSD	50.678	4.2640	47.430	63.268	.44753
#1	-.00007	.05858	-.00006	.00005	1.8068
#2	-.00015	.05515	-.00012	.00014	1.7954

GL4/LiDP

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Method: 6010B Sample Name: S2186-01S Operator: DR
Run Time: 04/22/04 16:24:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77735	1.9036	.96995	1.9667	.76813	1.9049	2.3739
SDev	.00018	.0053	.00640	.0093	.00519	.0011	.0068
%RSD	.02348	.27892	.66004	.47243	.67519	.05918	.28758
#1	.77748	1.8998	.96543	1.9602	.76446	1.9057	2.3691
#2	.77722	1.9073	.97448	1.9733	.77180	1.9041	2.3787

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19073	.19456	173.23	.38913	.18948	.27352	2.7970
SDev	.00024	.00045	.22	.00030	.00054	.00120	.0236
%RSD	.12646	.23354	.12922	.07669	.28481	.43819	.84542
#1	.19056	.19424	173.07	.38892	.18910	.27267	2.8137
#2	.19090	.19489	173.39	.38934	.18986	.27436	2.7803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2697	44.548	.48847	.08290	106.15	.28187	.21045
SDev	.0010	.057	.00090	.00021	.25	.00071	.00044
%RSD	.07604	.12776	.18343	.25724	.23771	.25336	.21062
#1	1.2690	44.508	.48784	.08275	105.97	.28237	.21014
#2	1.2704	44.588	.48910	.08305	106.33	.28136	.21077

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.639	.76918	.76282	.96341	.97092	1.9536	1.9715
SDev	.029	.00506	.00544	.00134	.00879	.0092	.0094
%RSD	.18383	.65769	.71339	.13934	.90500	.46867	.47472
#1	15.660	.76560	.75897	.96246	.96471	1.9472	1.9648
#2	15.619	.77276	.76667	.96436	.97713	1.9601	1.9781

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38489	.55523	.18628	.68396	10.061
SDev	.00305	.00367	.00021	.00113	.087
%RSD	.79252	.66067	.11347	.16554	.86170
#1	.38273	.55263	.18613	.68316	9.9992
#2	.38705	.55782	.18643	.68476	10.122

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Method: 6010B Sample Name: S2186-01SD Operator: DR
Run Time: 04/22/04 16:26:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77433	1.8915	.97017	1.9725	.77159	1.8983	2.3738
SDev	.00280	.0211	.00290	.0008	.00089	.0022	.0048
%RSD	.36188	1.1164	.29925	.04236	.11579	.11820	.20351
#1	.77632	1.8766	.97223	1.9731	.77222	1.8967	2.3772
#2	.77235	1.9064	.96812	1.9720	.77096	1.8998	2.3704

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19028	.19335	172.77	.38818	.18979	.27271	2.7836
SDev	.00019	.00032	.15	.00026	.00078	.00017	.0142
%RSD	.09978	.16737	.08816	.06664	.40901	.06345	.51023
#1	.19041	.19358	172.88	.38799	.18924	.27258	2.7736
#2	.19014	.19312	172.67	.38836	.19034	.27283	2.7937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2655	44.393	.48582	.08358	106.40	.28060	.21047
SDev	.0008	.041	.00114	.00085	.04	.00083	.00020
%RSD	.06700	.09216	.23525	1.0111	.03877	.29638	.09641
#1	1.2661	44.421	.48663	.08298	106.43	.28119	.21033
#2	1.2649	44.364	.48501	.08418	106.37	.28001	.21062

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.684	.77600	.75954	.97137	.96748	1.9749	1.9697
SDev	.014	.00279	.00827	.00551	.00118	.0011	.0007
%RSD	.08986	.35925	1.0884	.56731	.12169	.05325	.03693
#1	15.674	.77403	.76539	.97527	.96831	1.9757	1.9703
#2	15.694	.77798	.75370	.96747	.96665	1.9742	1.9692

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38363	.55655	.18573	.67894	10.139
SDev	.00052	.00044	.00006	.00297	.019
%RSD	.13575	.07820	.03414	.43775	.18820
#1	.38326	.55685	.18568	.67684	10.152
#2	.38399	.55624	.18577	.68104	10.125

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Method: 6010B Sample Name: S2186-01A Operator: DR
Run Time: 04/22/04 16:28:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78283	1.9072	.97251	1.9786	.77438	1.9075	2.3932
SDev	.00146	.0067	.00039	.0013	.00027	.0131	.0037
%RSD	.18691	.34946	.04047	.06429	.03496	.68755	.15358
#1	.78179	1.9119	.97279	1.9795	.77419	1.8983	2.3906
#2	.78386	1.9025	.97223	1.9777	.77457	1.9168	2.3958

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19178	.19554	173.99	.39071	.19108	.27469	2.7945
SDev	.00023	.00009	.25	.00030	.00051	.00092	.0438
%RSD	.12037	.04676	.14241	.07633	.26491	.33425	1.5658
#1	.19162	.19560	173.81	.39050	.19072	.27404	2.7635
#2	.19194	.19547	174.17	.39092	.19144	.27534	2.8254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2752	44.704	.49110	.08362	107.20	.28229	.21215
SDev	.0017	.065	.00039	.00010	.51	.00036	.00059
%RSD	.13111	.14550	.07982	.12317	.47373	.12724	.27951
#1	1.2740	44.658	.49137	.08369	106.84	.28204	.21173
#2	1.2764	44.750	.49082	.08355	107.55	.28254	.21257

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.787	.77733	.76527	.96634	.97379	1.9673	1.9827
SDev	.086	.00346	.00773	.00146	.00132	.0055	.0008
%RSD	.54634	.44442	1.0105	.15113	.13547	.27726	.04136
#1	15.726	.77977	.75980	.96531	.97472	1.9712	1.9821
#2	15.848	.77489	.77073	.96737	.97286	1.9635	1.9833

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38589	.55954	.18634	.68625	10.241
SDev	.00127	.00205	.00047	.00279	.025
%RSD	.32776	.36667	.24954	.40657	.24255
#1	.38499	.55809	.18601	.68427	10.223
#2	.38678	.56099	.18667	.68822	10.259

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Method: 6010B Sample Name: S2186-02 Operator: DR
Run Time: 04/22/04 16:31:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	.00037	.00102	-.00044	.00530	.00061	.53246
SDev	.00161	.00014	.00025	.00281	.00131	.00299	.00220
%RSD	58.168	37.467	24.365	638.34	24.828	494.28	.41420
#1	.00392	.00047	.00085	-.00243	.00437	.00272	.53090
#2	.00163	.00027	.00120	.00155	.00623	-.00151	.53402

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00008	89.949	.00044	.00031	-.00297	.06707
SDev	.00002	.00029	.040	.00008	.00057	.00051	.00236
%RSD	17.638	354.21	.04398	18.204	184.97	17.333	3.5151
#1	.00011	.00029	89.921	.00038	.00072	-.00260	.06540
#2	.00009	-.00012	89.977	.00049	-.00010	-.00333	.06874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28846	22.365	.00403	-.00118	27.922	.00103	.00711
SDev	.00033	.019	.00076	.00008	.281	.00060	.00004
%RSD	.11428	.08444	18.887	6.6305	1.0079	57.800	.58474
#1	.28869	22.351	.00457	-.00112	28.121	.00061	.00708
#2	.28822	22.378	.00349	-.00123	27.723	.00145	.00714

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0702	.00622	.00025	.00309	-.00201	.00349	-.00400
SDev	.0180	.00005	.00386	.00055	.00010	.00010	.00417
%RSD	.87136	.75355	1555.6	17.904	4.8033	2.7521	104.24
#1	2.0830	.00619	-.00248	.00270	-.00208	.00342	-.00695
#2	2.0575	.00625	.00297	.00349	-.00194	.00356	-.00105

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.18014	-.00019	-.00055	7.1703
SDev	.00007	.00006	.00011	.00073	.0349
%RSD	7.1944	.03452	54.546	132.95	.48637
#1	.00098	.18018	-.00012	-.00003	7.1457
#2	.00109	.18009	-.00027	-.00106	7.1950

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Method: 6010B Sample Name: S2186-03 Operator: DR
Run Time: 04/22/04 16:32:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	-.00307	.00123	-.00025	.00434	-.06694	-.00124
SDev	.00219	.00708	.00062	.00457	.00233	.00488	.00016
%RSD	269.93	230.47	50.648	1848.4	53.629	7.2955	12.741
#1	-.00074	.00193	.00079	.00298	.00270	-.06349	-.00112
#2	.00236	-.00808	.00167	-.00348	.00599	-.07040	-.00135

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00048	.09836	-.00090	-.00005	-.00415	-.01069
SDev	.00002	.00039	.00237	.00062	.00128	.00126	.01773
%RSD	35.918	81.603	2.4083	68.527	2734.7	30.373	165.82
#1	.00008	-.00020	.09668	-.00046	.00086	-.00326	.00184
#2	.00005	-.00076	.10003	-.00134	-.00095	-.00504	-.02323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00418	-.00080	-.00106	-.03965	-.00007	-.00545
SDev	.00002	.01888	.00029	.00119	.13119	.00095	.00024
%RSD	4.4305	452.14	36.064	112.46	330.87	1370.3	4.3879
#1	.00052	-.00918	-.00059	-.00022	.05311	.00060	-.00528
#2	.00055	.01753	-.00100	-.00191	-.13241	-.00074	-.00562

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	.00415	.00152	.00115	-.00073	.00476	-.00444
SDev	.04059	.00497	.00295	.00385	.00099	.00287	.00842
%RSD	879.19	119.56	194.51	335.99	135.69	60.367	189.47
#1	.03332	.00064	.00361	-.00158	-.00003	.00273	.00151
#2	-.02408	.00767	-.00057	.00387	-.00143	.00679	-.01040

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00349	-.00039	.00458	.04274
SDev	.00045	.00143	.00000	.00067	.01481
%RSD	204.12	40.920	.00000	14.552	34.639
#1	.00053	.00451	-.00039	.00506	.05321
#2	-.00010	.00248	-.00039	.00411	.03227

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Method: 6010B Sample Name: S2186-04 Operator: DR
Run Time: 04/22/04 16:35:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	-.00246	-.00070	-.00224	.00377	-.03012	1.1718
SDev	.00040	.00120	.00104	.00321	.00207	.00451	.0035
%RSD	14.632	48.774	148.40	143.58	54.876	14.956	.30025
#1	.00302	-.00331	-.00144	.00003	.00231	-.03331	1.1694
#2	.00245	-.00161	.00003	-.00451	.00524	-.02694	1.1743

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00080	79.462	.00097	-.00052	-.00310	.00184
SDev	.00002	.00036	.041	.00219	.00202	.00137	.00946
%RSD	93.675	45.247	.05217	225.35	386.15	44.297	514.33
#1	.00001	-.00106	79.491	.00252	-.00196	-.00213	.00853
#2	.00004	-.00055	79.433	-.00058	.00091	-.00406	-.00485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01304	32.543	-.00018	.00064	12.691	.00069	.01066
SDev	.00000	.666	.00178	.00194	.749	.00012	.00024
%RSD	.00211	2.0479	990.66	300.70	5.9019	16.576	2.2922
#1	.01304	33.015	-.00144	-.00072	13.221	.00061	.01049
#2	.01304	32.072	.00108	.00201	12.162	.00077	.01084

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9957	.00311	.00190	.00195	-.00403	.00001	-.00496
SDev	.1144	.00909	.01198	.00583	.00135	.00032	.00498
%RSD	5.7342	292.09	630.90	298.47	33.407	2499.7	100.33
#1	1.9147	-.00331	.01037	-.00217	-.00308	-.00021	-.00144
#2	2.0766	.00954	-.00657	.00607	-.00498	.00024	-.00848

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.04996	-.00090	-.00118	8.8021
SDev	.00006	.00075	.00008	.00081	.0349
%RSD	75.382	1.4932	9.4338	68.739	.39620
#1	.00011	.05049	-.00084	-.00175	8.7774
#2	.00003	.04944	-.00096	-.00060	8.8267

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Method: 6010B Sample Name: S2186-06 Operator: DR
Run Time: 04/22/04 16:37:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	-.00439	.00177	-.00041	.00386	-.02244	.58018
SDev	.00204	.00368	.00165	.00151	.00084	.00263	.00110
%RSD	500.95	83.985	93.113	369.80	21.629	11.701	.19006
#1	-.00104	-.00178	.00294	-.00148	.00327	-.02059	.57940
#2	.00185	-.00699	.00060	.00066	.00445	-.02430	.58096

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00014	67.024	.00135	-.00007	-.00390	.04868
SDev	.00002	.00033	.028	.00058	.00064	.00046	.00947
%RSD	640.74	234.01	.04241	42.692	904.78	11.695	19.464
#1	.00002	-.00038	67.045	.00176	-.00052	-.00358	.04198
#2	-.00001	.00009	67.004	.00094	.00038	-.00422	.05537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	28.357	.00002	-.00006	10.152	.00036	.00997
SDev	.00009	.022	.00227	.00099	.070	.00083	.00036
%RSD	1.9012	.07862	14325.	1648.2	.68783	233.13	3.6512
#1	.00502	28.373	.00162	.00064	10.201	.00095	.01023
#2	.00488	28.341	-.00159	-.00076	10.102	-.00023	.00972

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3388	.00311	.00216	.00409	-.00139	.00237	-.00339
SDev	.0299	.00028	.00193	.00244	.00125	.00000	.00227
%RSD	2.2317	9.1849	89.558	59.683	90.233	.02570	66.900
#1	1.3599	.00291	.00079	.00582	-.00050	.00237	-.00500
#2	1.3176	.00331	.00353	.00236	-.00227	.00237	-.00179

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.02433	-.00067	-.00306	8.7260
SDev	.00089	.00118	.00044	.00251	.0507
%RSD	441.60	4.8547	66.050	81.833	.58064
#1	-.00083	.02517	-.00036	-.00129	8.6902
#2	.00043	.02350	-.00099	-.00484	8.7618

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 16:40:32
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1633	5.2341	5.2903	5.1944	5.0522	10.063	9.6841
SDev	.0178	.0448	.0524	.1086	.0263	.024	.0214
%RSD	.34524	.85629	.99143	2.0911	.51995	.24169	.22069
#1	5.1507	5.2024	5.2532	5.1176	5.0336	10.046	9.6690
#2	5.1759	5.2658	5.3274	5.2712	5.0707	10.081	9.6992

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25446	2.6511	25.963	1.0198	2.5650	1.2091	5.0638
SDev	.00081	.0107	.043	.0023	.0071	.0018	.0084
%RSD	.31651	.40261	.16605	.23024	.27618	.15164	.16505
#1	.25389	2.6435	25.933	1.0182	2.5599	1.2078	5.0579
#2	.25503	2.6586	25.994	1.0215	2.5700	1.2104	5.0697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5311	25.862	2.6123	1.2527	24.542	2.4969	2.5642
SDev	.0068	.002	.0083	.0026	.309	.0067	.0120
%RSD	.26982	.00710	.31719	.20534	1.2609	.26662	.46824
#1	2.5263	25.863	2.6065	1.2509	24.323	2.5016	2.5557
#2	2.5360	25.861	2.6182	1.2545	24.761	2.4921	2.5727

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.787	5.0881	4.9769	5.2706	5.2982	5.2372	5.1714
SDev	.043	.0098	.0986	.0046	.0808	.0000	.1628
%RSD	.17512	.19345	1.9812	.08661	1.5245	.00057	3.1489
#1	24.817	5.0951	4.9072	5.2738	5.2411	5.2372	5.0563
#2	24.756	5.0812	5.0466	5.2674	5.3553	5.2372	5.2866

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1203	5.0628	4.9876	5.2064	5.2308
SDev	.0140	.0694	.0096	.0165	.0036
%RSD	.27317	1.3705	.19282	.31611	.06918
#1	5.1104	5.0137	4.9808	5.1948	5.2334
#2	5.1302	5.1118	4.9944	5.2180	5.2283

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Analysis Report QC Standard 04/22/04 04:45:21 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 16:42:38
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.00384	.00029	-.00009	.00539	-.06085	.00025
SDev	.00134	.00014	.00028	.00044	.00049	.00299	.00005
%RSD	84.465	3.6503	99.027	477.53	9.0274	4.9137	21.025
#1	.00254	.00374	.00009	.00022	.00574	-.05874	.00021
#2	.00064	.00394	.00049	-.00041	.00505	-.06297	.00029

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00029	.03488	-.00103	.00010	-.00451	-.00734
SDev	.00001	.00003	.00071	.00020	.00000	.00006	.00829
%RSD	10.481	11.865	2.0376	19.399	.16038	1.2818	112.87
#1	.00006	.00031	.03538	-.00089	.00010	-.00447	-.00148
#2	.00007	.00026	.03437	-.00117	.00010	-.00455	-.01320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.01326	-.00073	-.00081	-.09501	-.00024	-.00465
SDev	.00005	.00131	.00077	.00036	.18091	.00071	.00032
%RSD	6.5390	9.8868	105.33	44.454	190.42	299.72	6.9234
#1	.00069	.01419	-.00019	-.00055	-.22293	-.00074	-.00442
#2	.00075	.01234	-.00128	-.00106	.03292	.00027	-.00488

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01531	.00546	.00206	.00249	-.00281	.00536	-.00442
SDev	.01466	.00094	.00043	.00032	.00058	.00475	.00304
%RSD	95.708	17.300	20.808	12.646	20.685	88.613	68.798
#1	-.02568	.00613	.00176	.00272	-.00323	.00200	-.00227
#2	-.00495	.00479	.00237	.00227	-.00240	.00873	-.00657

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.01528	.00067	.00610	.01273
SDev	.00004	.00752	.00019	.00042	.00099
%RSD	15.184	49.245	28.261	6.9600	7.7533
#1	.00027	.02060	.00054	.00640	.01203
#2	.00022	.00996	.00081	.00580	.01343

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Method: 6010B Sample Name: S2186-07 Operator: DR
Run Time: 04/22/04 16:45:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00337	.00085	-.00100	.00634	-.03224	1.1358
SDev	.00149	.00333	.00008	.00727	.00176	.00000	.0076
%RSD	1336.3	98.764	9.4157	728.92	27.787	.00941	.67038
#1	.00094	-.00572	.00091	.00415	.00509	-.03224	1.1304
#2	-.00117	-.00102	.00079	-.00614	.00758	-.03224	1.1412

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00019	77.414	.00038	.00053	-.00427	.01689
SDev	.00002	.00006	.021	.00012	.00108	.00029	.00710
%RSD	177.03	33.571	.02754	31.403	205.50	6.7277	42.024
#1	-.00000	-.00024	77.429	.00030	-.00024	-.00447	.01187
#2	.00003	-.00015	77.399	.00046	.00129	-.00406	.02191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01558	31.251	.00139	.00048	11.946	.00078	.01465
SDev	.00009	.124	.00141	.00194	.295	.00024	.00024
%RSD	.60520	.39781	101.29	403.96	2.4665	30.634	1.6482
#1	.01564	31.339	.00040	-.00089	11.738	.00094	.01448
#2	.01551	31.163	.00239	.00185	12.154	.00061	.01482

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9789	.00773	.00036	.00419	-.00282	.00586	-.00602
SDev	.0862	.00236	.00056	.00363	.00193	.00609	.00786
%RSD	4.3584	30.588	154.98	86.625	68.558	104.06	130.64
#1	1.9179	.00605	-.00003	.00162	-.00145	.01017	-.00046
#2	2.0399	.00940	.00075	.00676	-.00418	.00155	-.01158

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.04693	-.00016	.00057	8.4914
SDev	.00024	.00131	.00015	.00024	.1357
%RSD	117.64	2.7821	90.296	42.741	1.5982
#1	.00003	.04785	-.00006	.00040	8.3954
#2	.00038	.04601	-.00027	.00074	8.5873

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Method: 6010B Sample Name: S2186-08 Operator: DR
Run Time: 04/22/04 16:47:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	-.00270	.00044	-.00208	.00404	.55019	.17584
SDev	.00433	.00524	.00061	.00118	.00182	.00412	.00042
%RSD	383.56	194.18	139.92	56.978	45.117	.74889	.23893
#1	-.00193	.00101	.00087	-.00124	.00533	.54728	.17614
#2	.00419	-.00641	.00000	-.00291	.00275	.55311	.17554

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00009	32.483	.00253	.00200	.00534	.80468
SDev	.00001	.00015	.063	.00030	.00020	.00029	.00473
%RSD	9.0117	168.89	.19252	11.785	10.107	5.3604	.58784
#1	.00010	.00020	32.527	.00274	.00215	.00513	.80134
#2	.00009	-.00002	32.439	.00232	.00186	.00554	.80803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02055	5.4443	.00470	.00261	4.9295	.00140	.01763
SDev	.00021	.0202	.00044	.00059	.0619	.00012	.00028
%RSD	1.0316	.37095	9.4247	22.679	1.2555	8.4763	1.6031
#1	.02070	5.4300	.00438	.00303	4.9733	.00132	.01743
#2	.02040	5.4586	.00501	.00219	4.8858	.00148	.01783

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0386	.00313	.00265	.00366	-.00317	.00085	-.00514
SDev	.0101	.00227	.00093	.00082	.00051	.00246	.00055
%RSD	.97698	72.438	35.002	22.541	16.078	289.88	10.659
#1	1.0458	.00474	.00331	.00424	-.00281	.00258	-.00475
#2	1.0314	.00153	.00200	.00308	-.00353	-.00089	-.00552

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.01998	.01357	-.00195	6.5327
SDev	.00054	.00062	.00017	.00150	.0194
%RSD	250.50	3.1117	1.2460	76.784	.29714
#1	-.00060	.02042	.01369	-.00301	6.5464
#2	.00017	.01954	.01345	-.00089	6.5190

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Method: 6010B Sample Name: S2186-09 Operator: DR
Run Time: 04/22/04 16:49:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00457	-.00185	-.00010	-.00337	.00325	.02339	.16211
SDev	.00457	.00802	.00028	.00213	.00022	.00450	.00168
%RSD	100.09	432.82	287.17	63.141	6.7734	19.247	1.0366
#1	.00780	.00382	.00010	-.00487	.00341	.02658	.16092
#2	.00133	-.00753	-.00029	-.00186	.00310	.02021	.16330

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00006	58.089	.00148	.00162	-.00227	.13982
SDev	.00003	.00019	.534	.00028	.00054	.00069	.00117
%RSD	75.860	315.92	.91997	18.844	33.270	30.166	.83980
#1	.00006	.00007	57.711	.00167	.00200	-.00179	.14065
#2	.00002	-.00019	58.467	.00128	.00124	-.00276	.13899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71335	10.909	.00256	-.00111	5.7588	.00154	.00700
SDev	.00674	.096	.00021	.00076	.2243	.00060	.00054
%RSD	.94425	.87994	8.0362	68.127	3.8947	38.685	7.7304
#1	.70859	10.841	.00271	-.00057	5.9174	.00196	.00662
#2	.71811	10.977	.00242	-.00164	5.6002	.00112	.00739

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61489	.00290	.00076	.00359	-.00394	.00298	-.00813
SDev	.03551	.00010	.00085	.00190	.00053	.00013	.00325
%RSD	5.7757	3.2973	112.61	52.924	13.520	4.3863	39.996
#1	.64000	.00283	.00136	.00494	-.00431	.00307	-.01043
#2	.58977	.00297	.00015	.00225	-.00356	.00288	-.00583

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00239	.01695	.00105	-.00292	5.6188
SDev	.00017	.00106	.00042	.00049	.0459
%RSD	7.0077	6.2367	40.385	16.614	.81683
#1	.00227	.01620	.00135	-.00258	5.5863
#2	.00251	.01769	.00075	-.00326	5.6512

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Method: 6010B Sample Name: S2186-10 Operator: DR
Run Time: 04/22/04 16:53:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	-.00116	.00272	-.00613	.00425	.45271	.12289
SDev	.00158	.00036	.00105	.00253	.00323	.00561	.00094
%RSD	76.509	30.631	38.563	41.250	76.116	1.2395	.76913
#1	.00319	-.00091	.00198	-.00792	.00196	.45668	.12356
#2	.00095	-.00141	.00346	-.00434	.00653	.44875	.12222

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00027	30.006	.00070	.00064	-.00144	.48021
SDev	.00000	.00001	.163	.00062	.00010	.00080	.00238
%RSD	2.4335	2.2639	.54472	87.606	15.694	55.556	.49490
#1	.00007	-.00027	30.122	.00027	.00057	-.00201	.48189
#2	.00006	-.00028	29.891	.00114	.00072	-.00087	.47853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02152	4.4146	.00116	-.00041	3.7550	.00079	.01602
SDev	.00012	.0286	.00029	.00071	.1984	.00072	.00020
%RSD	.54794	.64759	24.911	172.16	5.2827	90.007	1.2587
#1	.02160	4.4348	.00095	.00009	3.6148	.00029	.01616
#2	.02144	4.3944	.00136	-.00092	3.8953	.00130	.01588

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56984	.00563	-.00173	.00521	-.00053	.00008	-.01084
SDev	.03382	.00246	.00479	.00198	.00058	.00134	.00446
%RSD	5.9355	43.639	277.30	37.996	110.32	1614.6	41.180
#1	.54593	.00389	-.00511	.00381	-.00094	.00103	-.01399
#2	.59376	.00737	.00166	.00661	-.00012	-.00086	-.00768

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.01084	.00995	-.00255	5.6172
SDev	.00015	.00025	.00017	.00255	.0487
%RSD	52.937	2.2950	1.6987	99.942	.86684
#1	-.00018	.01066	.00983	-.00075	5.6517
#2	-.00039	.01101	.01007	-.00435	5.5828

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Method: 6010B Sample Name: S2186-11 Operator: DR
Run Time: 04/22/04 16:55:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	-.00537	.00173	-.00342	.00305	.32718	.12041
SDev	.00119	.00644	.00046	.00082	.00174	.00563	.00047
%RSD	107.72	120.11	26.339	24.105	56.921	1.7207	.39236
#1	.00194	-.00992	.00141	-.00400	.00428	.32320	.12007
#2	.00026	-.00081	.00205	-.00283	.00183	.33116	.12074

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00004	47.372	.00205	.00095	.00438	.44674
SDev	.00001	.00008	.165	.00062	.00128	.00069	.01891
%RSD	9.6777	195.46	.34803	30.017	134.35	15.721	4.2337
#1	.00006	-.00002	47.255	.00162	.00005	.00389	.43337
#2	.00007	.00009	47.489	.00249	.00186	.00486	.46012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01899	8.2165	.00298	.00013	4.5600	.00138	.01469
SDev	.00016	.0317	.00044	.00151	.4026	.00060	.00040
%RSD	.86754	.38625	14.842	1143.3	8.8280	43.110	2.7246
#1	.01887	8.1941	.00330	-.00094	4.2753	.00096	.01440
#2	.01910	8.2390	.00267	.00120	4.8446	.00181	.01497

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0322	.00158	.00280	.00366	-.00123	-.00023	-.00660
SDev	.0552	.00506	.00492	.00336	.00236	.00325	.00286
%RSD	5.3519	320.37	175.36	91.823	191.42	1391.5	43.294
#1	.99317	.00516	-.00067	.00604	-.00290	.00207	-.00862
#2	1.0713	-.00200	.00628	.00128	.00044	-.00253	-.00458

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.01796	.00795	-.00198	3.8533
SDev	.00054	.00037	.00017	.00032	.0179
%RSD	135.03	2.0772	2.1265	16.362	.46533
#1	-.00078	.01822	.00807	-.00221	3.8406
#2	-.00002	.01769	.00783	-.00175	3.8659

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Method: 6010B Sample Name: S2186-12 Operator: DR
Run Time: 04/22/04 16:57:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.00008	.00021	-.00216	.00310	-.06509	-.00172
SDev	.00296	.00701	.00018	.00192	.00475	.00749	.00000
%RSD	250.80	8255.8	85.764	89.054	153.34	11.515	.00620
#1	.00327	-.00487	.00008	-.00080	-.00026	-.05979	-.00172
#2	-.00091	.00504	.00034	-.00352	.00646	-.07039	-.00172

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00019	.02617	-.00083	.00014	-.00451	-.00902
SDev	.00003	.00015	.00308	.00032	.00034	.00029	.01064
%RSD	65.703	78.741	11.769	38.366	234.67	6.3500	117.95
#1	.00002	-.00009	.02834	-.00060	-.00009	-.00431	-.00150
#2	.00006	-.00030	.02399	-.00105	.00038	-.00471	-.01654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00603	-.00017	-.00092	.05573	-.00015	-.00608
SDev	.00005	.00157	.00087	.00044	.07141	.00060	.00048
%RSD	86.507	26.092	530.14	47.729	128.13	388.13	7.9446
#1	.00009	.00714	.00045	-.00061	.10623	.00027	-.00574
#2	.00002	.00492	-.00078	-.00123	.00524	-.00057	-.00642

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	.00446	-.00282	.00035	-.00185	.00020	-.00504
SDev	.03551	.00378	.00669	.00129	.00092	.00032	.00319
%RSD	6281.9	84.931	237.19	368.09	49.716	160.80	63.233
#1	.02455	.00178	-.00755	.00127	-.00250	-.00003	-.00279
#2	-.02568	.00713	.00191	-.00056	-.00120	.00042	-.00729

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00077	-.00006	.00164	.00657
SDev	.00022	.00075	.00008	.00055	.00148
%RSD	645.72	96.911	142.73	33.288	22.551
#1	.00019	-.00024	-.00012	.00125	.00761
#2	-.00012	-.00130	.00000	.00203	.00552

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Method: 6010B Sample Name: S2186-13 Operator: DR
Run Time: 04/22/04 16:59:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00417	-.00020	-.00923	.00266	-.07119	-.00194
SDev	.00247	.00510	.00096	.00182	.00010	.00037	.00010
%RSD	8683.0	122.29	478.52	19.708	3.5673	.52375	5.4053
#1	.00172	-.00778	.00048	-.01051	.00259	-.07093	-.00201
#2	-.00177	-.00056	-.00088	-.00794	.00273	-.07145	-.00187

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00043	.01561	-.00115	-.00019	-.00483	-.01235
SDev	.00001	.00011	.00237	.00018	.00014	.00097	.01301
%RSD	46.539	25.373	15.171	15.535	71.090	20.075	105.33
#1	.00002	-.00035	.01729	-.00103	-.00029	-.00415	-.02155
#2	.00001	-.00051	.01394	-.00128	-.00009	-.00552	-.00315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00362	-.00039	-.00123	-.02057	-.00100	-.00628
SDev	.00000	.00026	.00095	.00071	.17192	.00012	.00004
%RSD	.22116	7.2449	242.53	57.419	835.67	11.971	.66321
#1	.00009	.00343	.00028	-.00073	-.14214	-.00108	-.00625
#2	.00009	.00381	-.00106	-.00173	.10099	-.00091	-.00631

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04481	.00355	-.00234	.00210	-.00335	-.00098	-.01495
SDev	.00902	.00014	.00000	.00003	.00146	.00070	.00308
%RSD	20.128	3.9914	.02956	1.6407	43.514	71.887	20.584
#1	-.03843	.00345	-.00234	.00208	-.00232	-.00048	-.01712
#2	-.05119	.00365	-.00234	.00213	-.00438	-.00147	-.01277

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.00037	-.00031	.00171	-.00297
SDev	.00086	.00025	.00002	.00113	.00247
%RSD	194.94	66.641	6.7461	66.159	82.994
#1	.00017	.00020	-.00030	.00091	-.00472
#2	-.00104	.00055	-.00033	.00251	-.00123

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Method: 6010B Sample Name: S2186-14 Operator: DR
Run Time: 04/22/04 17:01:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	-.00012	-.00031	-.00360	.00502	-.05766	.64587
SDev	.00058	.00645	.00106	.00345	.00352	.00151	.00588
%RSD	34.943	5375.6	341.72	95.812	70.102	2.6128	.91061
#1	.00125	-.00468	.00044	-.00605	.00253	-.05659	.64171
#2	.00206	.00444	-.00106	-.00116	.00750	-.05872	.65002

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00020	81.917	.00089	.00115	-.00293	-.01239
SDev	.00003	.00036	.163	.00032	.00061	.00057	.01302
%RSD	182.90	184.11	.19953	35.890	53.022	19.456	105.10
#1	-.00001	-.00045	81.801	.00111	.00157	-.00253	-.02159
#2	.00004	.00006	82.032	.00066	.00072	-.00334	-.00318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	33.573	.00238	.00022	12.734	.00136	.37695
SDev	.00007	.066	.00009	.00110	.086	.00060	.00016
%RSD	30.798	.19609	3.8992	491.24	.67710	43.624	.04253
#1	-.00018	33.526	.00245	.00100	12.795	.00178	.37684
#2	-.00028	33.619	.00232	-.00056	12.673	.00094	.37707

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2519	.00686	-.00187	.00266	-.00379	.00042	-.00732
SDev	.0141	.00700	.00346	.00106	.00212	.00664	.00172
%RSD	1.1258	102.07	184.58	39.806	55.807	1567.0	23.553
#1	1.2618	.00191	.00057	.00191	-.00229	-.00427	-.00853
#2	1.2419	.01180	-.00432	.00340	-.00529	.00512	-.00610

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.03721	-.00121	-.00229	8.6948
SDev	.00065	.00087	.00023	.00000	.1550
%RSD	591.24	2.3390	19.214	.00000	1.7822
#1	.00035	.03660	-.00105	-.00229	8.5853
#2	-.00057	.03783	-.00137	-.00229	8.8044

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Method: 6010B Sample Name: S2186-15 Operator: DR
Run Time: 04/22/04 17:03:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	-.00122	.00206	-.00232	.00192	-.06270	.67605
SDev	.00113	.01226	.00118	.00132	.00189	.00112	.00058
%RSD	148.19	1005.9	57.062	56.671	98.536	1.7905	.08544
#1	.00004	.00745	.00289	-.00325	.00326	-.06349	.67646
#2	-.00156	-.00989	.00123	-.00139	.00058	-.06191	.67565

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00027	85.376	-.00093	.00022	-.00358	-.03579
SDev	.00001	.00014	.081	.00006	.00044	.00023	.00355
%RSD	87.878	53.085	.09545	6.4240	203.71	6.3957	9.9279
#1	-.00000	-.00037	85.433	-.00089	-.00009	-.00374	-.03830
#2	-.00001	-.00017	85.318	-.00097	.00053	-.00342	-.03327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	34.958	.00001	-.00267	12.999	.00052	.39106
SDev	.00002	.054	.00079	.00051	.003	.00036	.00000
%RSD	5.5037	.15380	7755.9	19.226	.02035	68.865	.00014
#1	-.00041	34.996	.00057	-.00230	12.997	.00077	.39106
#2	-.00045	34.920	-.00055	-.00303	13.001	.00027	.39106

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2248	.00158	-.00060	.00278	-.00030	.00128	-.00572
SDev	.0231	.00000	.00569	.00107	.00230	.00006	.00194
%RSD	1.8871	.00301	947.17	38.558	762.49	5.0045	33.929
#1	1.2411	.00158	.00342	.00202	.00132	.00123	-.00709
#2	1.2084	.00158	-.00462	.00354	-.00193	.00132	-.00435

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	.03765	-.00175	-.00446	9.1272
SDev	.00022	.00075	.00015	.00146	.0071
%RSD	26.779	1.9814	8.4638	32.605	.07750
#1	-.00099	.03713	-.00185	-.00344	9.1322
#2	-.00068	.03818	-.00164	-.00549	9.1222

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Method: 6010B Sample Name: S2186-16 Operator: DR
Run Time: 04/22/04 17:06:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	-.00372	.00168	-.00302	.00136	.70328	.34739
SDev	.00092	.00404	.00096	.00110	.00426	.00037	.00126
%RSD	112.73	108.53	57.366	36.487	313.00	.05202	.36282
#1	-.00016	-.00087	.00236	-.00224	-.00165	.70302	.34650
#2	-.00146	-.00657	.00100	-.00380	.00437	.70354	.34828

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00045	52.213	.00200	.00148	.00517	.81890
SDev	.00002	.00017	.232	.00066	.00094	.00017	.00827
%RSD	28.890	38.853	.44371	32.857	63.868	3.2895	1.0100
#1	.00010	-.00057	52.049	.00246	.00215	.00505	.82474
#2	.00006	-.00033	52.377	.00153	.00081	.00529	.81305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04372	15.925	.00344	.00165	8.5783	.00182	.01834
SDev	.00019	.111	.00000	.00099	.1619	.00048	.00060
%RSD	.43089	.69996	.00482	60.152	1.8869	26.237	3.3004
#1	.04358	15.846	.00344	.00235	8.6928	.00216	.01877
#2	.04385	16.004	.00344	.00095	8.4639	.00148	.01791

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9234	.00009	.00070	.00372	-.00134	.00285	-.00765
SDev	.0417	.00516	.00247	.00082	.00185	.00357	.00329
%RSD	.84728	5683.9	350.91	21.964	137.57	125.52	43.077
#1	4.9529	-.00356	-.00104	.00314	-.00004	.00032	-.00532
#2	4.8939	.00374	.00245	.00430	-.00265	.00537	-.00998

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.02130	.01221	-.00249	6.9400
SDev	.00128	.00037	.00011	.00101	.0240
%RSD	5993.3	1.7514	.86545	40.570	.34606
#1	.00093	.02156	.01214	-.00178	6.9230
#2	-.00089	.02104	.01229	-.00321	6.9570

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 17:08:04
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2071	5.3027	5.3190	5.2556	5.0848	10.115	9.7577
SDev	.0154	.0198	.0291	.0517	.0133	.019	.0415
%RSD	.29666	.37328	.54676	.98345	.26203	.19008	.42569
#1	5.2180	5.3167	5.2984	5.2191	5.0754	10.128	9.7871
#2	5.1962	5.2887	5.3396	5.2922	5.0943	10.101	9.7283

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25556	2.6714	26.093	1.0227	2.5738	1.2089	5.0287
SDev	.00068	.0088	.071	.0012	.0058	.0018	.0507
%RSD	.26591	.32773	.27053	.11646	.22544	.14718	1.0085
#1	.25604	2.6776	26.143	1.0236	2.5779	1.2101	5.0645
#2	.25508	2.6652	26.043	1.0219	2.5697	1.2076	4.9928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5335	26.036	2.6237	1.2637	24.846	2.4958	2.5742
SDev	.0056	.066	.0056	.0033	.032	.0106	.0057
%RSD	.22030	.25487	.21418	.25826	.12987	.42437	.22008
#1	2.5374	26.082	2.6277	1.2660	24.823	2.5033	2.5782
#2	2.5295	25.989	2.6197	1.2614	24.869	2.4883	2.5702

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.997	5.1244	5.0024	5.2882	5.3322	5.2845	5.2396
SDev	.039	.0041	.0482	.0054	.0466	.0010	.0780
%RSD	.15786	.08012	.96425	.10286	.87393	.01873	1.4885
#1	25.025	5.1273	4.9683	5.2920	5.2992	5.2852	5.1845
#2	24.969	5.1215	5.0365	5.2843	5.3651	5.2838	5.2948

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1613	5.0949	4.9941	5.2181	5.3388
SDev	.0086	.0237	.0132	.0075	.0563
%RSD	.16757	.46493	.26409	.14375	1.0538
#1	5.1674	5.0782	5.0035	5.2234	5.3786
#2	5.1552	5.1117	4.9848	5.2128	5.2990

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 17:10:31
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00452	.00038	.00099	.00366	.00138	-.06297	-.00005
SDev	.00085	.00333	.00119	.00497	.00014	.00075	.00005
%RSD	18.885	867.86	120.43	136.08	9.8095	1.1961	112.23
#1	.00512	-.00197	.00184	.00717	.00148	-.06350	-.00008
#2	.00391	.00274	.00015	.00014	.00129	-.06244	-.00001

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00031	.02298	-.00055	.00057	-.00463	.00687
SDev	.00002	.00013	.00047	.00004	.00027	.00057	.02839
%RSD	22.114	42.563	2.0613	7.2386	47.125	12.291	413.30
#1	.00006	.00041	.02332	-.00058	.00076	-.00503	.02695
#2	.00008	.00022	.02265	-.00052	.00038	-.00423	-.01321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00993	.00018	-.00005	.18141	.00002	-.00442
SDev	.00009	.00236	.00107	.00015	.63848	.00059	.00048
%RSD	18.070	23.782	605.91	307.38	351.95	3739.5	10.879
#1	.00045	.00826	-.00058	-.00015	-.27006	-.00040	-.00408
#2	.00059	.01159	.00093	.00006	.63288	.00044	-.00476

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00615	.00155	-.00214	.00103	-.00103	.00735	.00001
SDev	.01297	.00005	.00032	.00193	.00083	.00144	.00674
%RSD	210.97	2.9778	14.710	187.21	80.723	19.556	63702.
#1	-.01531	.00158	-.00192	.00239	-.00044	.00837	.00478
#2	.00302	.00151	-.00237	-.00033	-.00161	.00633	-.00475

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.02561	.00046	.00620	.00517
SDev	.00113	.01206	.00006	.00469	.00214
%RSD	73.339	47.101	13.670	75.650	41.370
#1	.00235	.03414	.00051	.00952	.00668
#2	.00074	.01708	.00042	.00288	.00366

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Method: 6010B Sample Name: S2186-17 Operator: DR
Run Time: 04/22/04 17:12:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00357	.00117	-.00425	.00236	-.05582	.48598
SDev	.00115	.00004	.00232	.00111	.00070	.00860	.00210
%RSD	684.56	1.2382	197.32	26.190	29.576	15.403	.43225
#1	-.00065	-.00361	.00281	-.00503	.00285	-.04974	.48449
#2	.00099	-.00354	-.00046	-.00346	.00186	-.06190	.48746

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00039	166.53	.00087	.00033	-.00261	-.02492
SDev	.00002	.00059	.70	.00129	.00277	.00080	.01183
%RSD	60.471	153.91	.42246	148.18	832.76	30.658	47.478
#1	.00002	-.00081	166.04	.00179	-.00162	-.00318	-.01655
#2	.00005	.00003	167.03	-.00004	.00229	-.00205	-.03328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0186	42.479	.01260	-.00411	102.27	.00010	.02233
SDev	.0061	.313	.00281	.00347	.31	.00047	.00050
%RSD	.59885	.73720	22.301	84.609	.30567	466.90	2.2564
#1	1.0142	42.701	.01061	-.00656	102.49	-.00023	.02197
#2	1.0229	42.258	.01459	-.00165	102.05	.00044	.02269

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7447	.00107	.00173	.00187	-.00117	-.00325	-.00634
SDev	.2232	.00232	.00675	.00001	.00348	.00951	.00308
%RSD	8.1334	216.37	390.68	.65227	296.80	292.11	48.546
#1	2.5868	-.00057	.00650	.00186	.00129	-.00998	-.00416
#2	2.9025	.00272	-.00304	.00188	-.00363	.00347	-.00852

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.27861	-.00261	-.00199	9.1487
SDev	.00086	.00305	.00015	.00192	.0724
%RSD	84.895	1.0934	5.6580	96.451	.79116
#1	.00161	.27646	-.00251	-.00063	9.0975
#2	.00040	.28077	-.00272	-.00335	9.1999

Analysis Report 04/22/04 05:16:01 PM

Method: 6010B Sample Name: S2186-17D Operator: DR
Run Time: 04/22/04 17:14:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	-.00129	-.00009	-.00339	.00571	-.05501	.48865
SDev	.00061	.00686	.00065	.00146	.00482	.00524	.00052
%RSD	30.798	532.91	725.20	42.928	84.344	9.5315	.10749
#1	.00241	-.00614	.00037	-.00236	.00912	-.05130	.48828
#2	.00155	.00357	-.00055	-.00442	.00231	-.05871	.48902

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00003	167.18	.00106	.00248	-.00204	-.01907
SDev	.00002	.00010	.24	.00004	.00020	.00046	.01538
%RSD	24.703	341.44	.14467	3.7697	8.1717	22.308	80.624
#1	.00008	-.00004	167.00	.00103	.00234	-.00237	-.00820
#2	.00005	.00010	167.35	.00108	.00262	-.00172	-.02994

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0227	42.266	.01345	-.00122	102.82	.00077	.02300
SDev	.0023	.049	.00076	.00060	.03	.00000	.00012
%RSD	.22797	.11666	5.6596	49.149	.02881	.07003	.49789
#1	1.0211	42.231	.01399	-.00080	102.84	.00078	.02292
#2	1.0244	42.301	.01292	-.00165	102.80	.00077	.02308

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9240	.00612	.00169	.00169	-.00298	-.00064	-.00637
SDev	.0192	.00709	.00027	.00106	.00044	.00421	.00429
%RSD	.65548	115.86	15.694	63.023	14.803	659.68	67.307
#1	2.9105	.01113	.00188	.00244	-.00266	-.00362	-.00334
#2	2.9376	.00111	.00150	.00094	-.00329	.00234	-.00940

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.27747	-.00273	-.00295	9.2504
SDev	.00112	.00131	.00011	.00053	.0188
%RSD	107.92	.47055	3.8647	17.824	.20273
#1	.00024	.27839	-.00266	-.00258	9.2636
#2	.00182	.27655	-.00281	-.00332	9.2371

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Method: 6010B Sample Name: S2186-17LX5 Operator: DR
Run Time: 04/22/04 17:16:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00019	-.00046	-.00366	.00427	-.05449	.09854
SDev	.00122	.00652	.00019	.00342	.00295	.00224	.00021
%RSD	118.56	3411.6	40.280	93.501	69.171	4.1162	.21332
#1	.00017	-.00442	-.00033	-.00608	.00218	-.05290	.09869
#2	.00189	.00480	-.00059	-.00124	.00636	-.05607	.09839

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00010	35.523	-.00032	.00086	-.00398	.01607
SDev	.00001	.00025	.052	.00060	.00094	.00092	.01537
%RSD	16.349	247.15	.14538	184.78	109.94	23.006	95.694
#1	.00004	-.00008	35.560	-.00074	.00019	-.00463	.00519
#2	.00005	.00028	35.486	.00010	.00153	-.00333	.02694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21475	8.8938	.00232	-.00088	17.828	.00027	.00185
SDev	.00005	.0060	.00134	.00104	.110	.00000	.00004
%RSD	.02202	.06783	57.753	117.63	.61717	.63226	2.0515
#1	.21478	8.8981	.00137	-.00161	17.750	.00027	.00182
#2	.21472	8.8896	.00326	-.00015	17.906	.00027	.00187

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36097	.00529	-.00098	.00292	-.00415	.00417	-.00927
SDev	.05637	.00326	.00234	.00107	.00026	.00249	.00403
%RSD	15.617	61.634	239.14	36.630	6.1719	59.698	43.465
#1	.32111	.00298	-.00263	.00367	-.00433	.00241	-.01212
#2	.40083	.00759	.00068	.00216	-.00396	.00593	-.00642

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.06109	-.00030	.00597	1.9527
SDev	.00097	.00019	.00030	.00032	.0072
%RSD	225.39	.30534	99.176	5.4171	.37067
#1	-.00025	.06095	-.00051	.00620	1.9578
#2	.00111	.06122	-.00009	.00574	1.9476

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Method: 6010B Sample Name: S2186-17S Operator: DR
Run Time: 04/22/04 17:21:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77410	1.8906	.95950	1.9567	.76381	1.8834	2.3571
SDev	.00277	.0033	.00251	.0037	.00341	.0105	.0133
%RSD	.35830	.17547	.26192	.18693	.44627	.55776	.56365
#1	.77606	1.8930	.96128	1.9593	.76622	1.8908	2.3665
#2	.77214	1.8883	.95772	1.9542	.76140	1.8759	2.3477

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18833	.19307	170.55	.38858	.18745	.26559	2.7678
SDev	.00056	.00025	.54	.00072	.00003	.00063	.0106
%RSD	.29890	.13181	.31431	.18415	.01823	.23700	.38362
#1	.18873	.19325	170.93	.38909	.18743	.26604	2.7753
#2	.18793	.19289	170.17	.38808	.18748	.26515	2.7603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2067	44.030	.48710	.06978	106.47	.27598	.20467
SDev	.0035	.121	.00215	.00160	.69	.00191	.00023
%RSD	.28689	.27580	.44163	2.2961	.64389	.69030	.11130
#1	1.2091	44.116	.48862	.07091	106.96	.27732	.20483
#2	1.2042	43.944	.48558	.06865	105.99	.27463	.20451

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.440	.77072	.74676	.95876	.95777	1.9574	1.9546
SDev	.091	.00704	.00387	.00071	.00327	.0100	.0005
%RSD	.59148	.91359	.51792	.07394	.34168	.50857	.02629
#1	15.504	.77570	.74403	.95926	.96008	1.9645	1.9550
#2	15.375	.76574	.74950	.95826	.95546	1.9504	1.9542

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38349	.55474	.18009	.67565	10.287
SDev	.00275	.00385	.00051	.00475	.069
%RSD	.71781	.69486	.28167	.70320	.66685
#1	.38544	.55747	.18045	.67901	10.335
#2	.38155	.55202	.17973	.67229	10.238

IH 4/22/04

Method: 6010B Sample Name: S2186-17SD Operator: DR
Run Time: 04/22/04 17:23:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77890	1.8898	.96134	1.9646	.76754	1.8905	2.3619
SDev	.00390	.0112	.00139	.0011	.00018	.0011	.0028
%RSD	.50067	.59232	.14447	.05424	.02416	.05893	.12007
#1	.78166	1.8977	.96232	1.9654	.76767	1.8897	2.3599
#2	.77615	1.8819	.96036	1.9639	.76741	1.8913	2.3639

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18877	.19368	170.89	.38989	.18848	.26757	2.7803
SDev	.00001	.00002	.06	.00002	.00068	.00034	.0260
%RSD	.00763	.01083	.03369	.00514	.35805	.12722	.93554
#1	.18878	.19369	170.85	.38988	.18896	.26733	2.7987
#2	.18876	.19366	170.93	.38991	.18800	.26781	2.7619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2096	44.139	.49019	.07076	106.57	.27682	.20440
SDev	.0000	.007	.00010	.00066	.02	.00072	.00012
%RSD	.00194	.01485	.02110	.93394	.01539	.25821	.05763
#1	1.2096	44.135	.49012	.07123	106.55	.27733	.20448
#2	1.2096	44.144	.49027	.07029	106.58	.27631	.20431

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.483	.77553	.74833	.96310	.95826	1.9705	1.9599
SDev	.011	.00175	.00295	.00241	.00328	.0008	.0012
%RSD	.06917	.22541	.39350	.24991	.34269	.03895	.06197
#1	15.491	.77677	.74624	.96139	.96058	1.9710	1.9608
#2	15.475	.77429	.75041	.96480	.95594	1.9699	1.9590

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38317	.55360	.18059	.67828	10.335
SDev	.00236	.00025	.00011	.00293	.016
%RSD	.61649	.04492	.05852	.43221	.15121
#1	.38484	.55342	.18066	.67621	10.324
#2	.38150	.55378	.18051	.68036	10.346

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Method: 6010B Sample Name: S2186-17A Operator: DR
Run Time: 04/22/04 17:25:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77237	1.8622	.95181	1.9412	.75314	1.8736	2.3533
SDev	.00356	.0029	.01451	.0297	.01258	.0079	.0044
%RSD	.46109	.15629	1.5240	1.5286	1.6700	.42101	.18744
#1	.76985	1.8601	.94155	1.9203	.74425	1.8792	2.3502
#2	.77489	1.8642	.96206	1.9622	.76204	1.8680	2.3564

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18806	.19206	170.13	.38833	.18593	.26539	2.7376
SDev	.00007	.00011	.21	.00171	.00044	.00011	.0130
%RSD	.03927	.05684	.12532	.44028	.23594	.04278	.47374
#1	.18811	.19199	170.28	.38954	.18562	.26531	2.7468
#2	.18801	.19214	169.98	.38712	.18624	.26547	2.7285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2040	44.202	.48633	.06949	105.89	.27825	.20288
SDev	.0010	.427	.00015	.00058	.49	.00274	.00076
%RSD	.08412	.96659	.03170	.83804	.46260	.98462	.37549
#1	1.2047	44.504	.48644	.06908	106.23	.28018	.20342
#2	1.2032	43.900	.48622	.06990	105.54	.27631	.20235

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.381	.75989	.73643	.95263	.94939	1.9550	1.9327
SDev	.015	.01556	.00660	.01033	.01659	.0139	.0374
%RSD	.09529	2.0479	.89609	1.0838	1.7477	.71324	1.9344
#1	15.392	.74889	.73176	.94533	.93766	1.9452	1.9062
#2	15.371	.77090	.74109	.95993	.96113	1.9649	1.9591

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38168	.54490	.17899	.67002	10.122
SDev	.00123	.00522	.00051	.00063	.149
%RSD	.32163	.95844	.28341	.09355	1.4740
#1	.38081	.54120	.17935	.66958	10.016
#2	.38255	.54859	.17863	.67046	10.227

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Method: 6010B Sample Name: S2186-18 Operator: DR
Run Time: 04/22/04 17:28:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00005	.00030	-.00567	.00280	-.04918	.50361
SDev	.00213	.00475	.00086	.00298	.00064	.00525	.00047
%RSD	198.86	9836.6	291.57	52.534	23.017	10.670	.09387
#1	-.00044	.00340	.00090	-.00777	.00325	-.04547	.50395
#2	.00258	-.00331	-.00031	-.00356	.00234	-.05289	.50328

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00033	85.144	.00035	.00148	-.00229	-.02409
SDev	.00003	.00008	.009	.00024	.00034	.00114	.01065
%RSD	32.009	23.534	.01001	67.816	22.816	49.985	44.199
#1	.00012	-.00038	85.138	.00018	.00172	-.00310	-.03162
#2	.00008	-.00027	85.150	.00052	.00124	-.00148	-.01656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17725	21.423	.00347	.00200	27.198	.00094	.01081
SDev	.00009	.007	.00045	.00011	.230	.00024	.00040
%RSD	.05328	.03061	13.056	5.6941	.84411	25.177	3.7187
#1	.17731	21.418	.00315	.00208	27.035	.00111	.01053
#2	.17718	21.427	.00379	.00192	27.360	.00077	.01109

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9351	.00248	.00023	.00231	-.00271	-.00155	-.00942
SDev	.0039	.00081	.00032	.00387	.00064	.00147	.00359
%RSD	.20392	32.476	140.08	167.77	23.761	94.929	38.084
#1	1.9379	.00305	.00045	.00505	-.00316	-.00259	-.01196
#2	1.9323	.00191	.00000	-.00043	-.00225	-.00051	-.00688

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.17578	-.00164	-.00139	6.9635
SDev	.00084	.00037	.00000	.00067	.0053
%RSD	100.02	.21220	.00000	47.967	.07559
#1	.00143	.17552	-.00164	-.00092	6.9672
#2	.00024	.17605	-.00164	-.00186	6.9598

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Method: 6010B Sample Name: S2186-19 Operator: DR
Run Time: 04/22/04 17:33:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	-.00252	.00012	-.00575	.00787	-.06271	-.00127
SDev	.00000	.00815	.00209	.00416	.00163	.00786	.00031
%RSD	.07354	323.23	1788.4	72.229	20.764	12.536	24.752
#1	.00189	.00324	.00160	-.00282	.00672	-.05715	-.00105
#2	.00189	-.00828	-.00136	-.00869	.00903	-.06827	-.00149

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00024	.05380	-.00103	.00062	-.00503	-.00650
SDev	.00003	.00009	.01232	.00091	.00054	.00023	.01657
%RSD	50.708	36.169	22.894	89.162	86.886	4.5729	254.91
#1	.00007	-.00018	.06251	-.00167	.00100	-.00487	.00522
#2	.00003	-.00030	.04509	-.00038	.00024	-.00520	-.01822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.09338	.00026	-.00072	-.43165	-.00066	-.00582
SDev	.00000	.14478	.00172	.00072	.26132	.00083	.00028
%RSD	.02453	155.05	668.47	99.279	60.539	126.62	4.8147
#1	.00019	-.19575	.00147	-.00022	-.61643	-.00125	-.00562
#2	.00019	.00900	-.00096	-.00123	-.24687	-.00007	-.00602

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05637	.01034	-.00027	.00257	-.00311	.00505	-.01275
SDev	.03439	.00425	.00361	.00083	.00273	.00214	.00516
%RSD	61.002	41.127	1340.7	32.162	87.770	42.361	40.505
#1	-.03206	.00733	.00228	.00316	-.00118	.00656	-.00910
#2	-.08069	.01335	-.00282	.00199	-.00503	.00354	-.01640

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	.00240	-.00018	.00198	.02332
SDev	.00195	.00199	.00004	.00010	.00543
%RSD	125.45	83.054	23.642	5.0979	23.283
#1	-.00018	.00380	-.00021	.00205	.02715
#2	-.00294	.00099	-.00015	.00191	.01948

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Method: 6010B Sample Name: S2186-20 Operator: DR
Run Time: 04/22/04 17:35:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00345	-.00162	-.00208	-.00372	.00115	-.05423	1.1450
SDev	.00104	.00275	.00031	.00025	.00092	.00561	.0204
%RSD	30.134	169.93	15.085	6.6038	79.557	10.340	1.7795
#1	.00418	-.00357	-.00186	-.00355	.00180	-.05026	1.1306
#2	.00271	.00033	-.00230	-.00389	.00050	-.05819	1.1594

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00085	76.308	.00288	-.00117	-.00346	-.01824
SDev	.00005	.00035	1.127	.00147	.00280	.00074	.03074
%RSD	157.49	41.069	1.4767	51.040	239.65	21.489	168.55
#1	-.00000	-.00110	75.511	.00392	-.00315	-.00293	.00350
#2	.00007	-.00060	77.105	.00184	.00081	-.00399	-.03998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	31.823	-.00051	-.00244	12.431	.00078	.00968
SDev	.00009	.322	.00361	.00200	.919	.00024	.00041
%RSD	7.9516	1.0113	702.78	82.266	7.3957	31.076	4.2163
#1	.00112	32.051	-.00307	-.00385	13.081	.00095	.00939
#2	.00125	31.595	.00204	-.00102	11.781	.00061	.00997

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8721	-.00408	.00844	-.00503	-.00260	-.00775	-.00341
SDev	.2249	.00100	.00476	.00060	.00077	.00281	.00191
%RSD	12.015	24.490	56.382	11.840	29.495	36.230	56.044
#1	1.7131	-.00479	.01180	-.00546	-.00206	-.00973	-.00206
#2	2.0311	-.00338	.00507	-.00461	-.00315	-.00576	-.00476

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	.03928	-.00142	-.00006	8.8053
SDev	.00065	.00193	.00032	.00247	.1431
%RSD	122.60	4.9067	22.338	4017.9	1.6253
#1	-.00007	.03792	-.00120	.00168	8.7041
#2	-.00099	.04064	-.00164	-.00181	8.9065

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Method: 6010B Sample Name: S2186-21 Operator: DR
Run Time: 04/22/04 17:37:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	-.00027	-.00112	-.00319	.00233	-.06006	.59422
SDev	.00204	.00226	.00012	.00154	.00040	.00113	.00278
%RSD	61.119	854.11	10.496	48.335	17.236	1.8820	.46838
#1	.00190	.00134	-.00103	-.00428	.00205	-.05926	.59618
#2	.00478	-.00187	-.00120	-.00210	.00262	-.06086	.59225

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00024	68.520	.00295	-.00026	-.00491	-.01321
SDev	.00001	.00030	.357	.00026	.00118	.00051	.00946
%RSD	15.530	122.52	.52133	8.7520	450.89	10.466	71.642
#1	.00006	-.00003	68.772	.00314	.00057	-.00528	-.01990
#2	.00004	-.00045	68.267	.00277	-.00110	-.00455	-.00652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	29.297	.00072	-.00173	10.474	-.00015	.00720
SDev	.00002	.152	.00002	.00008	.035	.00012	.00012
%RSD	10.256	.52014	2.8497	4.7964	.33839	81.105	1.6580
#1	-.00025	29.405	.00070	-.00179	10.449	-.00006	.00712
#2	-.00021	29.189	.00073	-.00168	10.499	-.00023	.00729

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3168	.00488	-.00596	.00055	-.00395	.00250	-.00763
SDev	.0192	.00364	.00608	.00439	.00237	.00294	.00084
%RSD	1.4555	74.672	102.12	798.01	59.987	117.48	11.067
#1	1.3033	.00230	-.00166	-.00256	-.00227	.00042	-.00822
#2	1.3304	.00745	-.01026	.00366	-.00563	.00458	-.00703

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	.02319	-.00148	-.00156	9.5733
SDev	.00102	.00044	.00019	.00026	.0444
%RSD	148.52	1.8767	12.861	16.821	.46395
#1	-.00141	.02288	-.00161	-.00138	9.6047
#2	.00003	.02350	-.00134	-.00175	9.5419

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 17:39:43
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2674	5.3912	5.3540	5.2927	5.1047	10.165	9.8646
SDev	.0187	.0398	.0227	.0393	.0089	.059	.0695
%RSD	.35470	.73806	.42422	.74192	.17348	.58099	.70427
#1	5.2806	5.4193	5.3379	5.2649	5.0985	10.206	9.9138
#2	5.2542	5.3631	5.3700	5.3205	5.1110	10.123	9.8155

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25681	2.6960	26.288	1.0257	2.5827	1.2072	5.0077
SDev	.00133	.0114	.150	.0048	.0124	.0089	.0139
%RSD	.51671	.42241	.57039	.47074	.48063	.73445	.27763
#1	.25775	2.7041	26.394	1.0291	2.5915	1.2135	5.0175
#2	.25587	2.6880	26.182	1.0222	2.5739	1.2009	4.9979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5351	26.237	2.6378	1.2764	25.377	2.4983	2.5807
SDev	.0123	.111	.0167	.0069	.200	.0213	.0105
%RSD	.48394	.42486	.63178	.54250	.78795	.85268	.40796
#1	2.5438	26.315	2.6496	1.2813	25.235	2.5134	2.5881
#2	2.5265	26.158	2.6260	1.2715	25.518	2.4832	2.5732

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.314	5.1474	5.0161	5.3118	5.3738	5.3072	5.2838
SDev	.192	.0031	.0327	.0048	.0375	.0053	.0561
%RSD	.75715	.05934	.65215	.09087	.69693	.09989	1.0614
#1	25.449	5.1496	4.9930	5.3152	5.3473	5.3034	5.2441
#2	25.178	5.1452	5.0392	5.3083	5.4002	5.3109	5.3234

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2200	5.1417	4.9970	5.2345	Q5.5369
SDev	.0226	.0219	.0297	.0151	.0564
%RSD	.43328	.42563	.59385	.28814	1.0191
#1	5.2360	5.1263	5.0180	5.2452	Q5.5768
#2	5.2040	5.1572	4.9761	5.2238	5.4970

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 17:41:52
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	.00399	.00385	.00418	.00480	-.05821	.00014
SDev	.00198	.00220	.00305	.00406	.00487	.00224	.00063
%RSD	84.614	55.080	79.227	97.205	101.35	3.8480	454.09
#1	.00374	.00555	Q.00600	.00705	.00824	-.05663	.00058
#2	.00094	.00244	.00169	.00131	.00136	-.05979	-.00031

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00002	.02851	-.00138	.00029	-.00556	-.00817
SDev	.00002	.00006	.00166	.00026	.00068	.00006	.00237
%RSD	23.720	308.90	5.8158	18.778	235.06	1.0239	29.021
#1	.00008	-.00002	.02968	-.00119	-.00019	-.00552	-.00649
#2	.00011	.00006	.02734	-.00156	.00076	-.00560	-.00985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00677	-.00046	-.00126	-.07443	-.00091	-.00385
SDev	.00000	.00000	.00012	.00067	.05977	.00048	.00097
%RSD	.00219	.00000	26.663	53.591	80.305	52.141	25.161
#1	.00052	.00677	-.00055	-.00078	-.11670	-.00125	-.00317
#2	.00052	.00677	-.00038	-.00173	-.03217	-.00058	-.00454

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09743	.00529	.00061	.00444	.00155	.00938	-.00002
SDev	.01466	.00856	.00253	.00019	.00447	.00450	.00384
%RSD	15.044	161.65	412.63	4.3188	288.18	47.962	19855.
#1	-.10779	.01134	-.00117	.00458	.00472	.01256	.00270
#2	-.08706	-.00076	.00240	.00430	-.00161	.00620	-.00274

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00324	.03462	.00037	.00664	.01354
SDev	.00260	.02120	.00002	.00184	.00707
%RSD	80.279	61.239	5.6486	27.694	52.225
#1	.00508	.04961	.00039	.00794	.01855
#2	.00140	.01963	.00036	.00534	.00854

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Method: 6010B Sample Name: S2186-22 Operator: DR
Run Time: 04/22/04 17:43:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00368	.00434	.00134	.00218	.00453	-.05608	1.1744
SDev	.00338	.00043	.00219	.00069	.00036	.00374	.0041
%RSD	91.894	9.8421	163.47	31.728	7.8848	6.6629	.34879
#1	.00607	.00464	-.00021	.00169	.00478	-.05344	1.1773
#2	.00129	.00403	.00289	.00267	.00428	-.05872	1.1715

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00005	77.639	.00038	.00098	-.00572	-.01320
SDev	.00000	.00004	.214	.00016	.00078	.00109	.01892
%RSD	1.6807	78.450	.27521	41.802	79.320	19.010	143.27
#1	.00008	-.00002	77.790	.00027	.00043	-.00649	-.02658
#2	.00008	-.00008	77.488	.00049	.00153	-.00495	.00017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	31.819	.00329	-.00087	11.434	-.00015	.01065
SDev	.00012	.114	.00062	.00108	.471	.00060	.00008
%RSD	7.3578	.35692	18.747	124.01	4.1220	393.37	.73125
#1	.00169	31.899	.00286	-.00163	11.101	-.00057	.01060
#2	.00152	31.738	.00373	-.00011	11.767	.00027	.01071

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9323	.00442	.00156	.00233	-.00115	.00221	.00047
SDev	.0271	.00080	.00268	.00072	.00365	.00437	.00308
%RSD	1.4003	18.159	172.22	30.657	317.00	198.18	654.33
#1	1.9132	.00385	.00345	.00284	-.00373	.00530	-.00171
#2	1.9514	.00498	-.00034	.00183	.00143	-.00089	.00265

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00185	.04636	-.00090	-.00010	9.0530
SDev	.00045	.00211	.00017	.00063	.0364
%RSD	24.135	4.5599	18.868	601.04	.40158
#1	.00217	.04785	-.00078	.00034	9.0787
#2	.00153	.04486	-.00102	-.00055	9.0273

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Method: 6010B Sample Name: S2186-23 Operator: DR
Run Time: 04/22/04 17:45:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00373	-.00211	-.00250	.00478	-.01185	.13623
SDev	.00018	.00744	.00158	.00248	.00480	.00112	.00047
%RSD	109.09	199.60	74.771	99.000	100.53	9.4574	.34694
#1	.00004	.00153	-.00099	-.00075	.00138	-.01106	.13656
#2	.00030	-.00899	-.00322	-.00425	.00817	-.01264	.13589

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00009	28.010	.00041	.00036	-.00321	.02610
SDev	.00001	.00004	.057	.00060	.00017	.00017	.00118
%RSD	9.0201	47.899	.20466	146.08	47.029	5.3282	4.5124
#1	.00010	-.00012	27.970	-.00001	.00024	-.00309	.02527
#2	.00009	-.00006	28.051	.00083	.00048	-.00334	.02693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	3.2264	.00103	.00142	4.2394	.00010	.01107
SDev	.00000	.0351	.00090	.00032	.0540	.00024	.00012
%RSD	.00182	1.0893	87.113	22.335	1.2727	233.21	1.0947
#1	.00189	3.2015	.00039	.00164	4.2776	-.00007	.01116
#2	.00189	3.2512	.00166	.00119	4.2013	.00027	.01099

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77592	.00478	.00156	.00297	-.00664	.00009	-.00549
SDev	.02988	.00718	.00003	.00111	.00181	.00386	.00165
%RSD	3.8505	150.19	1.7948	37.302	27.278	4459.7	29.955
#1	.79705	-.00030	.00154	.00375	-.00536	.00282	-.00433
#2	.75480	.00986	.00158	.00218	-.00792	-.00264	-.00666

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.01673	.00164	-.00128	5.9461
SDev	.00043	.00162	.00004	.00237	.0041
%RSD	52.150	9.6638	2.5704	185.30	.06916
#1	-.00052	.01787	.00167	.00040	5.9432
#2	-.00112	.01558	.00161	-.00295	5.9490

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Method: 6010B Sample Name: S2186-24 Operator: DR
Run Time: 04/22/04 17:48:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	-.00476	.00057	-.00348	.00276	-.05422	.14495
SDev	.00128	.00439	.00040	.00200	.00178	.00186	.00011
%RSD	37.126	92.092	69.747	57.333	64.580	3.4278	.07252
#1	.00254	-.00787	.00086	-.00207	.00150	-.05291	.14503
#2	.00435	-.00166	.00029	-.00490	.00402	-.05554	.14488

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00008	58.050	.00087	.00022	-.00487	-.00569
SDev	.00001	.00001	.110	.00074	.00186	.00080	.00827
%RSD	13.184	12.144	.19016	84.365	861.67	16.381	145.46
#1	.00008	-.00007	57.972	.00139	-.00110	-.00431	-.01154
#2	.00006	-.00009	58.128	.00035	.00153	-.00544	.00016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02926	11.057	.00038	-.00166	6.1448	.00069	.00767
SDev	.00019	.177	.00181	.00068	.3840	.00059	.00020
%RSD	.64437	1.6012	475.67	40.672	6.2498	85.945	2.6162
#1	.02913	11.182	-.00090	-.00214	6.4164	.00027	.00752
#2	.02940	10.931	.00166	-.00118	5.8732	.00111	.00781

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46979	.00375	-.00242	.00543	-.00385	.00231	-.00807
SDev	.09076	.00412	.00289	.00123	.00121	.00236	.00431
%RSD	19.319	109.84	119.44	22.650	31.537	102.37	53.443
#1	.40562	.00084	-.00038	.00456	-.00299	.00064	-.00502
#2	.53397	.00666	-.00447	.00630	-.00471	.00398	-.01112

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.01216	-.00051	-.00198	5.7058
SDev	.00080	.00348	.00021	.00049	.0002
%RSD	34.625	28.643	41.639	24.543	.00288
#1	.00288	.01462	-.00036	-.00163	5.7059
#2	.00174	.00969	-.00066	-.00232	5.7056

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Method: 6010B Sample Name: S2186-25 Operator: DR
Run Time: 04/22/04 17:50:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	-.00107	-.00124	-.00426	.00210	-.04310	.10229
SDev	.00037	.00482	.00025	.00191	.00023	.00262	.00037
%RSD	21.799	448.39	20.561	44.886	10.730	6.0743	.35928
#1	.00142	.00233	-.00142	-.00291	.00194	-.04495	.10255
#2	.00194	-.00448	-.00106	-.00561	.00226	-.04125	.10203

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00036	28.016	.00096	.00110	-.00285	.00603
SDev	.00002	.00015	.091	.00006	.00034	.00023	.00828
%RSD	19.764	41.569	.32384	6.2399	30.707	7.9863	137.20
#1	.00009	-.00025	28.080	.00091	.00134	-.00301	.01188
#2	.00007	-.00046	27.952	.00100	.00086	-.00269	.00018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	4.0494	.00071	-.00055	3.6615	-.00023	.00893
SDev	.00012	.0173	.00122	.00016	.1550	.00024	.00016
%RSD	7.2001	.42748	172.96	29.304	4.2330	101.87	1.7917
#1	.00172	4.0617	.00157	-.00044	3.7711	-.00007	.00905
#2	.00155	4.0372	-.00016	-.00067	3.5519	-.00040	.00882

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38768	.00164	-.00017	.00022	-.00396	.00094	-.00855
SDev	.02762	.00180	.00428	.00026	.00051	.00316	.00143
%RSD	7.1250	109.56	2475.2	116.32	12.883	335.09	16.708
#1	.40721	.00291	-.00320	.00041	-.00433	.00318	-.00754
#2	.36815	.00037	.00285	.00004	-.00360	-.00129	-.00956

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.01018	.00133	-.00092	4.8727
SDev	.00017	.00056	.00006	.00008	.0206
%RSD	24.653	5.4983	4.7651	8.7984	.42200
#1	.00056	.00978	.00138	-.00098	4.8872
#2	.00080	.01057	.00129	-.00086	4.8581

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Method: 6010B Sample Name: S2186-26 Operator: DR
Run Time: 04/22/04 17:52:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00148	-.00458	-.00010	-.00456	.00521	-.05131	.10920
SDev	.00119	.00382	.00027	.00012	.00170	.00151	.00068
%RSD	80.353	83.561	282.36	2.6646	32.638	2.9332	.62526
#1	-.00064	-.00187	-.00029	-.00448	.00401	-.05024	.10871
#2	-.00232	-.00728	.00010	-.00465	.00641	-.05237	.10968

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00024	45.032	.00648	.00041	-.00265	.01520
SDev	.00002	.00028	.226	.00060	.00051	.00029	.00945
%RSD	28.085	114.39	.50235	9.2010	124.66	10.826	62.191
#1	.00010	-.00005	44.872	.00690	.00076	-.00245	.02189
#2	.00007	-.00044	45.192	.00606	.00005	-.00285	.00852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	7.6405	.00195	.00091	4.4549	.00079	.00703
SDev	.00009	.0233	.00067	.00088	.1534	.00048	.00004
%RSD	52.557	.30551	34.385	96.342	3.4435	60.721	.60090
#1	-.00011	7.6240	.00242	.00153	4.5633	.00112	.00700
#2	-.00025	7.6570	.00147	.00029	4.3464	.00045	.00706

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81539	.00713	-.00186	.00095	-.00262	-.00725	-.00482
SDev	.01465	.00402	.00295	.00314	.00116	.00440	.00238
%RSD	1.7975	56.366	158.90	332.16	44.180	60.762	49.343
#1	.82575	.00429	.00023	-.00127	-.00180	-.01036	-.00314
#2	.80502	.00998	-.00394	.00317	-.00343	-.00413	-.00651

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.01238	-.00052	-.00026	3.4451
SDev	.00048	.00131	.00019	.00004	.0118
%RSD	58.711	10.551	36.404	15.461	.34379
#1	.00117	.01145	-.00066	-.00023	3.4367
#2	.00048	.01330	-.00039	-.00029	3.4535

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Method: 6010B Sample Name: S2186-27 Operator: DR
Run Time: 04/22/04 17:53:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00177	-.00282	-.00160	-.00391	.00407	-.05848	-.00127
SDev	.00506	.00404	.00012	.00119	.00075	.00787	.00000
%RSD	285.08	143.42	7.6252	30.553	18.503	13.466	.00558
#1	.00180	-.00567	-.00169	-.00475	.00354	-.05291	-.00127
#2	-.00535	.00004	-.00152	-.00306	.00460	-.06405	-.00127

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00033	.07055	-.00162	-.00057	-.00544	.00354
SDev	.00000	.00009	.02937	.00008	.00027	.00023	.00709
%RSD	4.0185	26.919	41.632	4.9317	47.233	4.2163	200.23
#1	.00004	-.00027	.04978	-.00167	-.00038	-.00528	.00855
#2	.00005	-.00040	.09132	-.00156	-.00076	-.00560	-.00147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00547	-.00072	-.00190	-.44623	-.00083	-.00631
SDev	.00007	.01390	.00071	.00056	.06401	.00083	.00008
%RSD	114.03	253.91	98.882	29.391	14.344	100.66	1.2946
#1	-.00011	-.00435	-.00122	-.00150	-.40098	-.00024	-.00636
#2	-.00001	.01530	-.00022	-.00229	-.49149	-.00142	-.00625

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.13649	.00513	-.00125	.00177	-.00529	.00261	-.00886
SDev	.00451	.00123	.00472	.00094	.00065	.00265	.00325
%RSD	3.3039	23.978	378.84	53.155	12.363	101.37	36.714
#1	-.13330	.00600	-.00459	.00244	-.00575	.00449	-.01116
#2	-.13968	.00426	.00209	.00111	-.00483	.00074	-.00656

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	-.00011	.00011	.00391	.01145
SDev	.00128	.00019	.00015	.00158	.00905
%RSD	241.70	168.93	140.69	40.302	79.014
#1	.00038	.00002	.00021	.00503	.01785
#2	-.00144	-.00024	.00000	.00280	.00505

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Method: 6010B Sample Name: S2186-28 Operator: DR
Run Time: 04/22/04 17:55:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00032	-.00036	-.00120	.00559	-.05847	-.00157
SDev	.00034	.00135	.00039	.00161	.00231	.00037	.00011
%RSD	2191.0	427.14	110.55	133.98	41.293	.63324	6.6955
#1	.00025	-.00127	-.00008	-.00234	.00722	-.05873	-.00150
#2	-.00022	.00064	-.00064	-.00006	.00396	-.05821	-.00164

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00034	.03119	-.00080	.00024	-.00487	-.00817
SDev	.00001	.00028	.00166	.00012	.00068	.00011	.00473
%RSD	10.516	82.626	5.3161	14.897	281.96	2.3457	57.899
#1	.00008	-.00014	.03236	-.00072	.00072	-.00479	-.01152
#2	.00007	-.00054	.03002	-.00089	-.00024	-.00495	-.00483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00640	-.00046	-.00101	-.05087	-.00066	-.00628
SDev	.00005	.00210	.00028	.00103	.13648	.00012	.00020
%RSD	30.526	32.774	60.906	102.16	268.28	18.080	3.2290
#1	.00012	.00789	-.00065	-.00028	.04563	-.00057	-.00613
#2	.00019	.00492	-.00026	-.00173	-.14737	-.00074	-.00642

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10899	.00536	.00285	.00084	-.00295	.00625	-.00662
SDev	.00395	.00685	.00680	.00221	.00051	.00938	.00695
%RSD	3.6207	127.95	238.67	264.42	17.312	150.22	105.09
#1	-.11178	.01021	-.00196	.00240	-.00331	.01288	-.01153
#2	-.10620	.00051	.00766	-.00073	-.00259	-.00039	-.00170

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.00073	-.00018	.00411	.00622
SDev	.00060	.00118	.00021	.00028	.00230
%RSD	76.223	162.74	118.21	6.8817	37.049
#1	-.00036	.00011	-.00003	.00431	.00784
#2	-.00120	-.00156	-.00033	.00391	.00459

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Method: 6010B Sample Name: S2186-29 Operator: DR
Run Time: 04/22/04 17:57:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00103	-.00048	-.00292	.00589	-.03198	.65875
SDev	.00042	.00043	.00150	.00270	.00419	.00711	.00110
%RSD	47.636	41.718	310.23	92.625	71.194	22.217	.16743
#1	.00059	.00134	-.00154	-.00483	.00292	-.02696	.65797
#2	.00119	.00073	.00058	-.00101	.00885	-.03701	.65953

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00053	82.795	.02045	-.00084	-.00309	.06367
SDev	.00000	.00051	.001	.00078	.00132	.00103	.01420
%RSD	4.1741	95.015	.00086	3.7938	157.20	33.296	22.300
#1	.00003	-.00089	82.795	.02100	-.00177	-.00236	.07371
#2	.00003	-.00018	82.796	.01990	.00009	-.00382	.05363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00192	34.365	.01362	-.00251	13.479	.00056	.37873
SDev	.00005	.492	.00003	.00265	.594	.00059	.00109
%RSD	2.4649	1.4318	.22881	105.21	4.4070	105.66	.28853
#1	.00189	34.713	.01360	-.00438	13.899	.00014	.37796
#2	.00195	34.017	.01364	-.00064	13.059	.00098	.37951

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0625	.00651	.00143	.00536	-.00540	.00140	-.00667
SDev	.1263	.00747	.00239	.00159	.00146	.00220	.00515
%RSD	11.884	114.79	167.12	29.593	27.017	157.61	77.226
#1	.97324	.00123	.00312	.00424	-.00643	.00295	-.01032
#2	1.1518	.01180	-.00026	.00648	-.00437	-.00016	-.00303

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.03541	-.00149	-.00226	9.1858
SDev	.00028	.00056	.00000	.00073	.0140
%RSD	155.66	1.5801	.00000	32.163	.15222
#1	.00038	.03502	-.00149	-.00175	9.1759
#2	-.00002	.03581	-.00149	-.00278	9.1957

JH 4/22/04

Analysis Report 04/22/04 06:01:26 PM page 1

Method: 6010B Sample Name: S2186-30 Operator: DR
Run Time: 04/22/04 17:59:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00082	.00077	-.00356	.00357	-.04468	.61891
SDev	.00037	.01013	.00071	.00175	.00184	.00187	.00378
%RSD	118.74	1231.7	91.536	49.185	51.622	4.1897	.61092
#1	.00057	.00634	.00027	-.00480	.00487	-.04336	.62158
#2	.00005	-.00799	.00127	-.00232	.00227	-.04601	.61623

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00042	77.839	.00705	.00105	-.00406	-.00989
SDev	.00003	.00013	.492	.00060	.00007	.00023	.00946
%RSD	49.974	31.061	.63178	8.4682	6.4312	5.6056	95.665
#1	.00009	-.00051	78.186	.00747	.00110	-.00390	-.01658
#2	.00004	-.00033	77.491	.00662	.00100	-.00423	-.00320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	31.946	.00353	-.00022	12.508	.00087	.35945
SDev	.00002	.206	.00014	.00063	.353	.00012	.00109
%RSD	81.133	.64367	4.0825	282.95	2.8250	13.589	.30364
#1	-.00001	32.091	.00342	.00022	12.758	.00079	.36022
#2	-.00005	31.801	.00363	-.00067	12.258	.00095	.35868

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0825	.00148	.00455	.00187	-.00178	-.00034	-.00677
SDev	.0440	.00180	.00914	.00088	.00062	.00951	.00212
%RSD	4.0621	121.20	200.89	46.981	34.987	2768.6	31.298
#1	1.1135	.00021	.01101	.00125	-.00221	-.00707	-.00527
#2	1.0514	.00276	-.00191	.00250	-.00134	.00638	-.00827

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	.03779	-.00096	-.00265	8.6861
SDev	.00067	.00006	.00013	.00144	.0561
%RSD	129.31	.16455	13.266	54.189	.64580
#1	-.00004	.03774	-.00087	-.00163	8.7258
#2	-.00099	.03783	-.00105	-.00366	8.6464

DK 4/22/04

Analysis Report 04/22/04 06:03:24 PM page 1

Method: 6010B Sample Name: S2186-31 Operator: DR
Run Time: 04/22/04 18:01:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	-.00402	-.00185	-.00165	.00479	-.04946	.32133
SDev	.00073	.00305	.00074	.00202	.00003	.00937	.00042
%RSD	89.354	75.684	39.893	122.32	.55001	18.943	.13078
#1	.00030	-.00187	-.00238	-.00022	.00477	-.05608	.32163
#2	.00134	-.00618	-.00133	-.00308	.00481	-.04283	.32103

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00058	49.242	.00347	.00069	-.00406	-.00234
SDev	.00003	.00017	.028	.00064	.00030	.00092	.01773
%RSD	45.931	28.955	.05677	18.315	43.867	22.526	756.65
#1	.00004	-.00070	49.223	.00302	.00091	-.00471	-.01488
#2	.00009	-.00046	49.262	.00392	.00048	-.00342	.01019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	15.117	.00066	-.00064	8.0835	.00011	.01071
SDev	.00002	.113	.00041	.00092	.2185	.00072	.00065
%RSD	7.2200	.74433	62.583	143.71	2.7027	669.15	6.0582
#1	-.00031	15.037	.00037	-.00129	7.9290	-.00040	.01117
#2	-.00035	15.196	.00095	.00001	8.2380	.00061	.01025

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4639	.00591	-.00066	.00199	-.00578	.00275	-.00545
SDev	.0344	.00151	.00294	.00299	.00260	.00322	.00464
%RSD	.77034	25.545	446.72	150.22	45.099	117.31	85.164
#1	4.4882	.00484	.00142	.00411	-.00762	.00047	-.00217
#2	4.4395	.00698	-.00274	-.00012	-.00393	.00503	-.00873

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.02152	-.00067	-.00183	5.9153
SDev	.00080	.00218	.00044	.00255	.0003
%RSD	74.498	10.112	66.050	138.89	.00556
#1	.00164	.02306	-.00099	-.00364	5.9150
#2	.00051	.01998	-.00036	-.00003	5.9155

DR 4/22/04

Analysis Report QC Standard 04/22/04 06:05:47 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 18:04:03
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2676	5.4346	5.3458	5.3027	5.0850	10.140	9.8699
SDev	.0097	.0035	.0131	.0139	.0258	.020	.0162
%RSD	.18450	.06424	.24595	.26141	.50728	.19982	.16440
#1	5.2745	5.4321	5.3551	5.3125	5.1033	10.155	9.8814
#2	5.2608	5.4371	5.3366	5.2929	5.0668	10.126	9.8584

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25583	2.6946	26.206	1.0207	2.5695	1.1968	4.9361
SDev	.00026	.0015	.018	.0003	.0035	.0025	.0048
%RSD	.10119	.05592	.06689	.02529	.13527	.21024	.09642
#1	.25601	2.6935	26.218	1.0209	2.5719	1.1986	4.9328
#2	.25565	2.6956	26.194	1.0205	2.5670	1.1950	4.9395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5175	26.247	2.6302	1.2761	25.574	2.4731	2.5705
SDev	.0022	.012	.0019	.0020	.243	.0021	.0003
%RSD	.08792	.04697	.07122	.15479	.94941	.08658	.01135
#1	2.5191	26.255	2.6289	1.2775	25.745	2.4746	2.5703
#2	2.5159	26.238	2.6315	1.2747	25.402	2.4716	2.5708

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.353	5.1272	4.9974	5.2837	5.3749	5.2841	5.3104
SDev	.065	.0355	.0064	.0105	.0144	.0153	.0132
%RSD	.25570	.69157	.12890	.19963	.26877	.28863	.24797
#1	25.399	5.1523	5.0019	5.2912	5.3851	5.2948	5.3198
#2	25.307	5.1021	4.9928	5.2763	5.3647	5.2733	5.3011

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2299	5.1570	4.9578	5.2081	Q5.5968
SDev	.0033	.0086	.0055	.0022	.0099
%RSD	.06401	.16637	.11169	.04193	.17635
#1	5.2323	5.1510	4.9618	5.2096	Q5.6037
#2	5.2275	5.1631	4.9539	5.2065	Q5.5898

04/22/04

Analysis Report QC Standard 04/22/04 06:11:09 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 18:09:23
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00423	-.00007	-.00157	.00005	-.00199	-.00048
SDev	.00011	.00080	.00187	.00146	.00011	.01031	.00021
%RSD	2366.5	18.855	2541.6	93.117	216.59	517.63	43.516
#1	-.00008	.00366	-.00139	-.00260	-.00003	-.00928	-.00033
#2	.00007	.00479	.00125	-.00054	.00013	.00530	-.00063

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00004	-.00255	-.00127	.00004	-.00144	-.00855
SDev	.00000	.00022	.00054	.00116	.00000	.00088	.00269
%RSD	3.3970	515.18	21.213	90.924	.25068	61.444	31.455
#1	-.00002	.00019	-.00217	-.00209	.00004	-.00207	-.00665
#2	-.00002	-.00011	-.00293	-.00045	.00004	-.00081	-.01045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00033	-.00025	.00279	.07968	-.00036	-.00177
SDev	.00004	.00000	.00054	.00040	.05713	.00030	.00028
%RSD	18.978	.00000	212.30	14.201	84.251	83.672	15.739
#1	-.00016	-.00033	-.00063	.00307	.12715	-.00015	-.00157
#2	-.00021	-.00033	.00013	.00251	.03221	-.00057	-.00196

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01274	.00653	.00229	.00104	-.00128	.00157	-.00374
SDev	.00055	.00037	.00043	.00120	.00344	.00195	.00311
%RSD	4.2856	5.7275	18.659	115.08	269.28	123.63	83.030
#1	-.01235	.00627	.00259	.00189	-.00371	.00295	-.00594
#2	-.01312	.00679	.00199	.00019	.00116	.00020	-.00155

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00512	.00031	.00357	.00273
SDev	.00063	.00100	.00006	.00069	.00362
%RSD	167.96	19.425	20.168	19.256	132.73
#1	-.00007	.00442	.00027	.00308	.00017
#2	.00082	.00582	.00036	.00406	.00529

4/22/04

P1042204

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

ICP-1 ANALYSIS RUN LOG

METHOD: 6010B

PROJECT No: S2136ASP S2207C

S2224L3 S2236L3 S2239ASP S2241ASP S2216C S2218C S2186LF

RUN ID: P1042204 DATE: 04 / 22 / 04 ANALYST: [illegible] SUPERVISOR REVIEW [illegible]

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No from Stock Log	LSP #	STD. REF. No. from Prep. Log	LSP #	PREP DATE	DATE OPENED	COMM
STD-S0	10:39							
STD-S1	10:41							
STD-S2	10:43							
STD-S	10:46							
HMS	10:48							
HMS/100	10:52							
ICV	11:01							
ICB	11:07							
CRI	11:16							
ICSA	11:22							
ICSAB	11:24							
04/22/04 ~~CCV~~ CCC	11:28							
CCV	11:30							
CCB	11:32							

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB13516 BL	PBW	11:44		
PB13515 BL	PBW	11:46		
PB13516 BS	LCSW	11:49		
PB13515 BS	LCSW	11:51		
S2032-07		11:54		
-08		11:58		
-09		12:00		
-10		12:05		
-11		12:07		
-12		12:09		
CCV		12:11		
CCB		12:13		
S2032-13		12:18		
-14		12:20		
-15		12:22		

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092

ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
1L 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04 / 22 / 04 ANALYST: Dita Raquel

QC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2032-16		12:24		
-16D		12:26		
-16L		12:29	5	
-17		12:31		
-18		12:33		
-16A		12:35		
-19		12:37		
CCV		12:43		
CCB		12:45		
S2032-20		12:57		
-21		12:54		
-22		12:56		
-23		12:58		
-24		12:59		
-25		13:01		
-27		13:03		
-28		13:05		
-29		13:07		
-30		13:09		
CCV		13:10		
CCB		13:15		
S2032-31		13:17		
-32		13:19		
-26		13:21		

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092

ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG

OK 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: Peter Roall

CC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2032-26D		13:24		
-26L		13:26	5	
-26S		13:28		
-26SD		13:30		
-26A		13:32		
S2156-03		13:34		
OK 4/22/04				
CCV		13:41		
CCB		13:43		
S2239-01		13:45		
-02D		13:47		typo!
-02		13:49		typo!
-02L		13:51	5	
-03		14:01		
-04		14:03		
-05		14:05		
-02S		14:07		
-02SD		14:09		
-02A		14:11		
CCV		14:15		
CCB		14:17		
S2239-06		14:24		
-07		14:26		
-08		14:28		

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092

ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
JL 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: D. to Roque

CC SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2259-09		14:30		
PB13728 BL	PBW	14:33		
S2136-01		14:36		
PB13831 BL	PBS	14:38		
PB13816 BL	PBW	14:40		
PB13831 BS	LCSS	14:42		
PB13816 BS	LCSW	14:45		
CCV		14:47		
CCB		14:51		
S2207-01		14:53		
-01D		14:55		
-01L		14:57	5	
-01S		14:59		
-01SD		15:01		
-01A		15:03		
S2224-01		15:05		
-02		15:07		
-03		15:09		
-04		15:11		
CCV		15:13		
CCB		15:16		
S2236-01		15:20		
-02		15:22		
-03		15:24		

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092

ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
DK 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: D. Kogut

QC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2236-04		15:25		
DK 4/22/04 ~~-05~~	222222	15:27		
DK 4/22/04 ~~-06~~	222222	15:29		
DK 4/22/04 ~~-07~~	222222	15:31		
-08		15:33		
-09		15:35		
-10		15:37		
CCV		15:39		
CCB		15:41		
S2241-01		15:46	~~1~~ DK 4/22/04	
S2216-01		15:48	10	
-02		15:50	10	
-03	DK 4/22/04	15:52	10	
~~S2218-01~~	222222	15:54	10	222222 out
PB13814 BL	PBW	15:57		
PB13815 BL	PBW	16:00		
PB13814 BS	LCSW	16:03		
PB13815 BS	LCSW	16:05		
S2218-01		16:09		calculate per S2g
CCV		16:11	DK 4/22/04	
CCB		~~16:14~~ 16:16		
S2186-01		16:18		
-01D		16:20		
-01L		16:22	5	

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092

ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
LK 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: Dita Roque

QC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2186-01S		16:24		
-01SD		16:26		
-01A		16:28		
-02		16:31		
-03		16:32		
-04		16:35		
-06		16:37		
CCV		16:40		
CCB		16:42		
S2186-07		16:45		
-08		16:47		
-09		16:49		
-10		16:53		
-11		16:55		
-12		16:57		
-13		16:59		
-14		17:01		
-15		17:03		
-16		17:06		
CCV		17:08		
CCB		17:10		
S2186-17		17:12		
-17D		17:14		
-17L		17:16	5	

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092

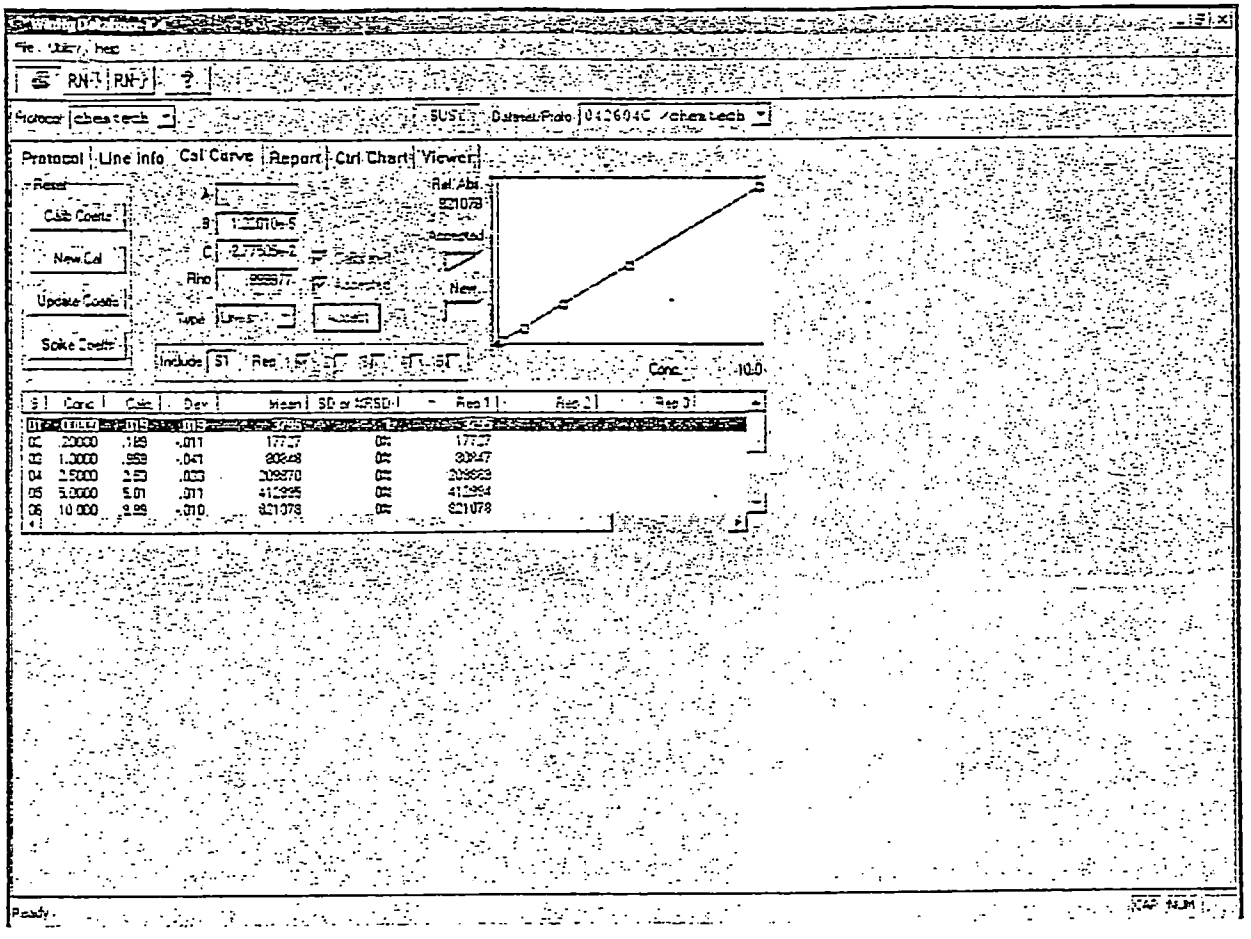
ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG

1L 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: Delta Roque

CO/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2186-17S		17:21		
-17SD		17:23		
-17A		17:25		
-18		17:28		
-19		17:33		
-20		17:35		
-21		17:37		
CCV		17:39		
CCB		17:41		
S2186-22		17:43		
-23		17:45		
-24		17:48		
-25		17:50		
-26		17:52		
-27		17:53		
-28		17:55		
-29		17:57		
-30		17:59		
-31		18:01		
CCV		18:04		
CCB		18:09		



Instrument ID #CV2

4/22/04

Folder: 042604C
Protocol: chemtech

13:12:00 26 Apr 2004

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1			S0	Seq: 0		13:12:00 26 Apr 04		HG
Hg	.000	ppb	3795					
*** Standard: 2 Rep: 1			S0.2	Seq: 1		13:14:17 26 Apr 04		HG
Hg	.200	ppb	17727					
*** Standard: 3 Rep: 1			S1.0	Seq: 2		13:16:41 26 Apr 04		HG
Hg	1.00	ppb	80847					
*** Standard: 4 Rep: 1			S2.5	Seq: 3		13:18:57 26 Apr 04		HG
Hg	2.50	ppb	209869					
*** Standard: 5 Rep: 1			S5.0	Seq: 4		13:21:17 26 Apr 04		HG
Hg	5.00	ppb	412994					
*** Standard: 6 Rep: 1			S10.0	Seq: 5		13:23:35 26 Apr 04		HG
Hg	10.0	ppb	821078					

4/26/04

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: ICV Seq: 6 13:25:50 26 Apr 04 HG

			ICV		
Hg	3.83	ppb	.000	3.83	

*** Sample ID: ICB Seq: 7 13:28:19 26 Apr 04 HG

			ICB		
Hg	-.025	ppb	.000	-.025	

*** Check Standard: 2 Ck2 Seq: 8 13:30:34 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.1	4.95	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 9 13:32:48 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.044	.200	ppb	.000

*** Sample ID: CRA Seq: 10 13:35:02 26 Apr 04 HG

			CRA		
Hg	.149	ppb	.000	.149	

*** Sample ID: HIGH STD Seq: 11 13:37:19 26 Apr 04 HG

			HIGH STD		
Hg	9.97	ppb	.000	9.97	

*** Sample ID: CHK STD Seq: 12 13:39:57 26 Apr 04 HG

			CHK STD		
Hg	6.79	ppb	.000	6.79	

*** Sample ID: PBW Seq: 13 13:42:13 26 Apr 04 HG

			PB13809BL		
Hg	-.042	ppb	.000	-.042	

*** Sample ID: PBW Seq: 14 13:44:38 26 Apr 04 HG

			PB13811BL		
Hg	-.009	ppb	.000	-.009	

*** Sample ID: S2214-04 Seq: 15 13:46:53 26 Apr 04 HG

			ZL7252		
Hg	-.003	ppb	.000	-.003	

*** Sample ID: S2214-05 Seq: 16 13:49:08 26 Apr 04 HG

			ZL7256		
Hg	.001	ppb	.000	.001	

*** Sample ID: S2214-05D Seq: 17 13:51:33 26 Apr 04 HG

			ZL7256D		
Hg	-.013	ppb	.000	-.013	

*** Sample ID: S2214-05S Seq: 18 13:54:46 26 Apr 04 HG

			ZL7256S		
Hg	4.26	ppb	.000	4.26	

4/26/04

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: S2214-05SD Seq: 19 13:57:11 26 Apr 04 HG
ZL7256SD
Hg 4.82 ppb .000 4.82

*** Check Standard: 2 Ck2 Seq: 20 13:59:45 26 Apr 04 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 97.7 4.89 5.00 ppb .000

*** Check Standard: 1 Ck1 Seq: 21 14:02:40 26 Apr 04 HG
Line Flag Found Range(-/-) Units SD/RSD
Hg -.019 .200 ppb .000

*** Sample ID: S2214-05L x5 Seq: 22 14:05:26 26 Apr 04 HG
ZL7256L
Hg -.023 ppb .000 -.023

*** Sample ID: S2214-05A Seq: 23 14:08:01 26 Apr 04 HG
ZL7256A
Hg 3.79 ppb .000 3.79

*** Sample ID: S2214-06 Seq: 24 14:10:20 26 Apr 04 HG
ZL7258
Hg .134 ppb .000 .134

*** Sample ID: S2214-07 Seq: 25 14:12:46 26 Apr 04 HG
ZL7259
Hg -.007 ppb .000 -.007

*** Sample ID: S2214-08 Seq: 26 14:15:00 26 Apr 04 HG
ZL7260
Hg -.009 ppb .000 -.009

*** Sample ID: S2224-01 Seq: 27 14:17:21 26 Apr 04 HG
ZZZZZZ
Hg -.019 ppb .000 -.019

*** Sample ID: S2224-02 Seq: 28 14:19:36 26 Apr 04 HG
ZZZZZZ
Hg .000 ppb .000 .000

*** Sample ID: S2224-03 Seq: 29 14:22:05 26 Apr 04 HG
ZZZZZZ
Hg -.009 ppb .000 -.009

*** Sample ID: S2224-04 Seq: 30 14:25:01 26 Apr 04 HG
ZZZZZZ
Hg -.063 ppb .000 -.063

*** Sample ID: S2224-04D Seq: 31 14:27:18 26 Apr 04 HG
ZZZZZZ
Hg .006 ppb .000 .006

4/26/04

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Check Standard: 2  Ck2          Seq:  32      14:29:58 26 Apr 04   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          95.7    4.79    5.00  ppb         .000

*** Check Standard: 1  Ck1          Seq:  33      14:32:14 26 Apr 04   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.038     .200     ppb        .000

*** Sample ID: S2224-04S            Seq:  34      14:34:51 26 Apr 04   HG
                            ZZZZZZ
Hg    4.16    ppb       .000      4.16

*** Sample ID: S2224-04SD           Seq:  35      14:37:08 26 Apr 04   HG
                            ZZZZZZ
Hg    4.89    ppb       .000      4.89

*** Sample ID: S2224-04L x5         Seq:  36      14:39:46 26 Apr 04   HG
                            ZZZZZZ
Hg   -.019    ppb       .000     -.019

*** Sample ID: S2224-04A            Seq:  37      14:42:04 26 Apr 04   HG
                            ZZZZZZ
Hg    3.94    ppb       .000      3.94

*** Sample ID: S2186-01             Seq:  38      14:44:35 26 Apr 04   HG
                            MW-1
Hg   -.004    ppb       .000     -.004

*** Sample ID: S2186-02             Seq:  39      14:46:59 26 Apr 04   HG
                            MW-7
Hg   -.008    ppb       .000     -.008

*** Sample ID: S2186-03             Seq:  40      14:49:26 26 Apr 04   HG
                            FIELDBLANK-1
Hg   -.006    ppb       .000     -.006

*** Sample ID: S2186-04             Seq:  41      14:51:51 26 Apr 04   HG
                            MW-3
Hg   -.001    ppb       .000     -.001

*** Sample ID: S2186-06             Seq:  42      14:54:10 26 Apr 04   HG
                            MW-5
Hg   -.001    ppb       .000     -.001

*** Sample ID: S2186-07             Seq:  43      14:57:47 26 Apr 04   HG
                            MW-8DUP
Hg   -.018    ppb       .000     -.018

*** Check Standard: 2  Ck2          Seq:  44      15:00:07 26 Apr 04   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          97.5    4.87    5.00  ppb         .000
```

MW 4/26/04

Folder: 042604C
Protocol: chemtech

15:02:25 26 Apr 2004

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1 Seq: 45 15:02:25 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.042	.200	ppb	.000

*** Sample ID: S2186-08 Seq: 46 15:06:29 26 Apr 04 HG

MW-11

Hg	.001	ppb	.000	.001

*** Sample ID: S2186-09 Seq: 47 15:08:47 26 Apr 04 HG

MW-12

Hg	-.013	ppb	.000	-.013

*** Sample ID: S2186-10 Seq: 48 15:11:06 26 Apr 04 HG

MW-10

Hg	-.006	ppb	.000	-.006

*** Sample ID: S2186-11 Seq: 49 15:13:27 26 Apr 04 HG

MW-9

Hg	.002	ppb	.000	.002

*** Sample ID: S2186-12 Seq: 50 15:15:54 26 Apr 04 HG

FIELDBLANK-2

Hg	-.014	ppb	.000	-.014

*** Sample ID: S2186-13 Seq: 51 15:18:13 26 Apr 04 HG

RINSEBLANK

Hg	-.006	ppb	.000	-.006

*** Sample ID: S2186-14 Seq: 52 15:20:38 26 Apr 04 HG

AMW-1

Hg	.006	ppb	.000	.006

*** Sample ID: S2186-15 Seq: 53 15:23:05 26 Apr 04 HG

AMW-1DUP

Hg	-.028	ppb	.000	-.028

*** Sample ID: S2186-16 Seq: 54 15:25:40 26 Apr 04 HG

MW-6

Hg	.009	ppb	.000	.009

*** Sample ID: S2186-17 Seq: 55 15:28:02 26 Apr 04 HG

MW-1

Hg	.008	ppb	.000	.008

*** Check Standard: 2 Ck2 Seq: 56 15:30:19 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.4	4.87	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 57 15:32:37 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.032	.200	ppb	.000

MM
4/26/04

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S2186-18 Seq: 58 15:34:53 26 Apr 04 HG
MW-7
Hg .019 ppb .000 .019

*** Sample ID: S2186-19 Seq: 59 15:37:20 26 Apr 04 HG
FIELDBLANK
Hg -.013 ppb .000 -.013

*** Sample ID: S2186-20 Seq: 60 15:39:36 26 Apr 04 HG
MW-8
Hg -.046 ppb .000 -.046

*** Sample ID: S2186-21 Seq: 61 15:41:53 26 Apr 04 HG
MW-5
Hg -.007 ppb .000 -.007

*** Sample ID: S2186-22 Seq: 62 15:44:18 26 Apr 04 HG
MW-8DUP
Hg -.038 ppb .000 -.038

*** Sample ID: S2186-23 Seq: 63 15:46:45 26 Apr 04 HG
MW-11
Hg -.015 ppb .000 -.015

*** Sample ID: S2186-24 Seq: 64 15:49:01 26 Apr 04 HG
MW-12
Hg -.016 ppb .000 -.016

*** Sample ID: S2186-25 Seq: 65 15:51:41 26 Apr 04 HG
MW-10
Hg .028 ppb .000 .028

*** Sample ID: S2186-26 Seq: 66 15:54:00 26 Apr 04 HG
MW-9
Hg -.009 ppb .000 -.009

*** Sample ID: S2186-27 Seq: 67 15:56:55 26 Apr 04 HG
FIELDBLANK
Hg -.001 ppb .000 -.001

*** Check Standard: 2 Ck2 Seq: 68 15:59:46 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.00	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 69 16:02:10 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.071	.200	ppb	.000

*** Sample ID: S2186-28 Seq: 70 16:04:38 26 Apr 04 HG
RINSEBLANK
Hg .006 ppb .000 .006

MW
4/26/04

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: S2186-29				Seq: 71	16:07:20 26 Apr 04	HG		
			AMW-1					
Hg	.011	ppb	.000	.011				
*** Sample ID: S2186-30				Seq: 72	16:10:10 26 Apr 04	HG		
			AMW-1DUP					
Hg	-.100	ppb	.000	-.100				
*** Sample ID: S2186-31				Seq: 73	16:12:38 26 Apr 04	HG		
			MW-8					
Hg	-.078	ppb	.000	-.078				

*** Check Standard: 2 Ck2 Seq: 74 16:15:17 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.8	4.89	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 75 16:17:33 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.017	.200	ppb	.000

MW
4/26/04

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

CVZ

MERCURY ANALYSIS LOGBOOK

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
09/19/04	S8151	Level 3	13:08	1335	15 [illegible]	90376	310537	537085
↓	S8173	Level 3	↓	↓	↓	↓	↓	↓
9/20/04	S8210	C	10:33	1309	208710	98651	270537	915775
↓	S8271	N3	↓	↓	↓	↓	↓	↓
↓	S8257(DL)	ASP	↓	↓	↓	↓	↓	↓
9/26/04	S7249	ASP	12:06	1353	17772	82352	207535	1051347
9/26/04	S7286	L-4	13:12	3715	17767	308-01	209353	3715TN
↓	S7287	L-4	↓	↓	↓	↓	↓	↓
↓	S7324	L-5	↓	↓	↓	↓	↓	↓

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MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coefficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Initials
1955110	14:12	.999748	S8193 B	PB13810	TC	OC
↓	↓	↓	↓	↓	TC	a
3511N	11:42	.99909	S8193	PB13810	MM	a
↓	↓	↓	↓	↓	MM	a
↓	↓	↓	↓	↓	MM	a
813571	12:06	.99910	S8193	PB13808	MM	a
824078	16:17	.99912	S8193	PB13809	MM	a
↓	↓	↓	↓	PB13811	MM	a
↓	↓	↓	↓	↓	MM	a

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WATER SAMPLE PREPARATION WORKSHEET

SDG No _____

Batch #: pb13815

Matrix: Water

ICP Digest Date: 04/21/04

Method: 3010

Sample Received By: [signature]

Initial Vol: 100 ml

Final Vol: 100 ml

Analyst Signature: Michael Paler

Hot Plate Temp (1.) 2. 3.

95°

Supervisor Signature: [signature]

STANDARD NAME	MLS USED	STD REF. # FROM LOG
Spike Sol 1		
Spike Sol 2	1.0 ML	MI 4039
Spike Sol 3	1.0 ML	MI 4041
Spike Sol 4		
Spike Sol. 5	1.0 ML	MI 4040

TK 04/21/04

CHEMICAL USED	LOT #
CONC: HNO3	MB964
1:1 HCL	MI 4034
1:1 HNO3	
CONC: HCL	

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Batch #: pb13815

LAB SAMPLE ID	CLIENT SAMPLE ID	COLOR BEFORE	COLOR AFTER	CLARITY BEFORE	CLARITY AFTER	pH	COMMENTS
S2186-17MS	MW1 S	C	C	CL	CL	<2	Spike Sol. 2,3,5
S2186-17MSD	MW1 SD	C	C	CL	CL	<2	Spike Sol 2,3,5
S2186-17DUP	MW1 D	C	C	CL	CL	<2	
pb13815BL	PBW	C	C	CL	CL	<2	
S2186-17	MW-1	C	C	CL	CL	<2	
S2186-18	MW-7	C	C	CL	CL	<2	
S2186-19	FIELDBLANK	C	C	CL	CL	<2	
S2186-20	MW-8	C	C	CL	CL	<2	
S2186-21	MW-5	C	C	CL	CL	<2	
S2186-22	MW-8DUP	C	C	CL	CL	<2	
S2186-23	MW-11	C	C	CL	CL	<2	
S2186-24	MW-12	C	C	CL	CL	<2	
S2186-25	MW-10	C	C	CL	CL	<2	
S2186-26	MW-9	C	C	CL	CL	<2	
S2186-27	FIELDBLANK	C	C	CL	CL	<2	
S2186-28	RINSEBLANK	C	C	CL	CL	<2	
S2186-29	AMW-1	C	C	CL	CL	<2	
S2186-30	AMW-1DUP	C	C	CL	CL	<2	
S2186-31	MW-6	C	C	CL	CL	<2	
Pb13815 BS LCSW		C	C	CL	CL	<2	Spike Sol. 2,3,5

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 3900 Fax : 908 789 3922

MERCURY PREPARATION WORKSHEET

SOP: M-470 Revision:

Bath Temprature: –

Block Temprature: 95°C

Balance Check:(0.2G): –

Acceptance Range 0.199-0.201 gram

Date: 4/21/2004

Final Volume: 40ml

Batch #: PS13811

Digestion Time: In 2:00 p.m. Out 4:00 p.m.

Supervisor Signature: [illegible]

Analyst Signature: Tatyana Corableva

Sample Received By: Melvin Matos

STANDARD NAME	MLS USED	STD REF. # FROM LOG
ICV	40ML	S8163
CCV	40ML	S8165
CRA	40ML	S8162
Blank Spike	1.6ML	S8156

CHEMICAL USED	LOT #
KMN04	MI3988
K2S2O8	MI3991
HNO3/H2SO4 1:2	MI4032
Hydroxylamine HCL	MI4047

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	Wt(g)/Vol(ml)	COMMENTS
BLK 0.0 ppb	S0	water	40ml	
Std1 0.2 ppb	S0.2	|	|	S 8162
Std2 1.0 ppb	S1.0	|	|	|
Std3 2.5 ppb	S2.5	|	|	|
Std4 5.0 ppb	S5.0	|	|	|
Std5 10.0 ppb	S10.0	|	|	|
ICV	ICV	|	|	S 8163
ICB	ICB	|	|	
CCV	CCV	|	|	S 8165
CCB	CCB	|	|	
~~CRA/CRI~~ 04/21/04	CRA/CRI	|	|	S 8162
CHK STD	CHK STD	|	|	S 8164

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Batch #: PB13811

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt (g)/Vol (ml)	pH	COMMENTS
S2224-04MS	W-2	Dissolved Mercury	Water	40.0	< 2	S 8156
S2224-04DUP	W-2	Dissolved Mercury	Water	40.0	< 2	
PB13811BL	PBW	Dissolved Mercury	Water	40.0	< 2	
S2186-25	MW-10	Dissolved Mercury	Water	40.0	< 2	
S2186-29	AMW-1	Dissolved Mercury	Water	40.0	< 2	
S2186-30	AMW-1DUP	Dissolved Mercury	Water	40.0	< 2	
S2224-03	W-1	Dissolved Mercury	Water	40.0	< 2	
S2224-04MSD	W-2	Dissolved Mercury	Water	40.0	< 2	S 8156
S2186-18	MW-7	Dissolved Mercury	Water	40.0	< 2	
S2186-21	MW-5	Dissolved Mercury	Water	40.0	< 2	
S2186-23	MW-11	Dissolved Mercury	Water	40.0	< 2	
S2186-26	MW-9	Dissolved Mercury	Water	40.0	< 2	
S2224-02	W-3	Dissolved Mercury	Water	40.0	< 2	
S2224-04	W-2	Dissolved Mercury	Water	40.0	< 2	
S2186-17	MW-1	Dissolved Mercury	Water	40.0	< 2	
S2186-19	FIELDBLANK	Dissolved Mercury	Water	40.0	< 2	
S2186-20	MW-8	Dissolved Mercury	Water	40.0	< 2	
S2186-22	MW-8DUP	Dissolved Mercury	Water	40.0	< 2	
S2186-24	MW-12	Dissolved Mercury	Water	40.0	< 2	
S2186-27	FIELDBLANK	Dissolved Mercury	Water	40.0	< 2	
S2186-28	RINSEBLANK	Dissolved Mercury	Water	40.0	< 2	
S2186-31	MW-6	Dissolved Mercury	Water	40.0	< 2	
S2224-01	W-4	Dissolved Mercury	Water	40.0	< 2	

04/21/04 TK

>>>>

* BL=Blank
* BS=Blank Spike
* TB=TCLP Blank

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Batch #: PB13811

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt (g)/Vol (ml)	pH	COMMENTS
S2186-18	MW-7	Dissolved Mercury	Water	40	<2	
S2186-19	FIELDBLANK	Dissolved Mercury	Water	40	<2	
S2186-26	MW-9	Dissolved Mercury	Water	40	<2	
S2186-31	MW-6	Dissolved Mercury	Water	40	<2	
S2224-04MS	W-2	Dissolved Mercury	Water	40	<2	S 8156
PB13811BL	PBW	Dissolved Mercury	Water	40	<2	
S2186-20	MW-8	Dissolved Mercury	Water	40	<2	
S2186-21	MW-5	Dissolved Mercury	Water	40	<2	
S2186-23	MW-11	Dissolved Mercury	Water	40	<2	
S2186-24	MW-12	Dissolved Mercury	Water	40	<2	
S2186-25	MW-10	Dissolved Mercury	Water	40	<2	
S2186-27	FIELDBLANK	Dissolved Mercury	Water	40	<2	
S2186-28	RINSEBLANK	Dissolved Mercury	Water	40	<2	
S2186-30	AMW-1DUP	Dissolved Mercury	Water	40	<2	
S2224-02	W-3	Dissolved Mercury	Water	40	<2	
S2224-04MSD	W-2	Dissolved Mercury	Water	40	<2	S 8156
S2224-04DUP	W-2	Dissolved Mercury	Water	40	<2	
S2186-17	MW-1	Dissolved Mercury	Water	40	<2	
S2186-22	MW-3DUP	Dissolved Mercury	Water	40	<2	
S2186-29	AMW-1	Dissolved Mercury	Water	40	<2	
S2224-01	W-4	Dissolved Mercury	Water	40	<2	
S2224-03	W-1	Dissolved Mercury	Water	40	<2	
S2224-04	W-2	Dissolved Mercury	Water	40	<2	

>>>>

04/21/04

TK

* BL=Blank
* BS=Blank Spike
* TB=TCLP Blank

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012 : NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

PG13811

CHEMTECH PROJECT NUMBER: S2186, S2224 MATRIX: Water

METHOD: 7470

	NA	NO	YES
1. Calibration Summary meet criteria			✓
2. ICP Interference Check Sample Results Summary Submitted	✓		
3. Serial Dilution Summary Submitted (if applicable)meet criteria			✓
4. Laboratory Control Sample Summary Submitted (if applicable)	✓		
5. Blank Contamination Meet criteria Blank Contamination			✓
If No, list compounds and concentrations in each blank:			
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
If not met, list those compounds and their recoveries which fall outside of the acceptance range: Hg			
7. Sample Duplicate Analysis Meet QC Criteria:			✓
If not met, list those compounds and their % differences which fall outside of the acceptance range:			
8. Digestion Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
9. Analysis Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Supervisor: Kunja Dubey Date: 4/28/04

QA REVIEW: Martha Guerra Date: 4/28/04

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012 : NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: S2186 (PB 13815) MATRIX: water

METHOD: SW846

	NA	NO	YES
1. Calibration Summary meet criteria			✓
2. ICP Interference Check Sample Results Summary Submitted			✓
3. Serial Dilution Summary Submitted (If applicable) meet criteria K Na		✓	
4. Laboratory Control Sample Summary Submitted (If applicable)			✓
5. Blank Contamination Meet criteria Blank Contamination			✓

If No, list compounds and concentrations in each blank:

6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside of the acceptance range:

K

7. Sample Duplicate Analysis Meet QC Criteria:			✓

If not met, list those compounds and their % differences which fall outside of the acceptance range:

8. Digestion Holding Time Met			✓

If not met, list number of days exceeded for each sample:

9. Analysis Holding Time Met			✓

If not met, list number of days exceeded for each sample:

ADDITIONAL COMMENTS: matrix interfer

Dilo Rogn — Supervisor — Date 4/22/04

Martha Alvarez — Analyst — Date 4/28/04

8.0 GENERAL CHEMISTRY SAMPLE RESULTS

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-01 Client ID: MW-1

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-02 Client ID: MW-7

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	0.011	mg/L			1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-03 Client ID: FIELDBLANK-1

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-04 Client ID: MW-8

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-06 Client ID: MW-5

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-07 Client ID: MW-8DUP

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-08 Client ID: MW-11

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	0.011	mg/L			1	4/20/04

Comments:

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-09 Client ID: MW-12

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-10 Client ID: MW-10

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-11 Client ID: MW-9

Contract: Tetra Tech FW Inc. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-12 Client ID: FIELDBLANK-2

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-13 Client ID: RINSEBLANK

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-14 Client ID: AMW-1

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-15 Client ID: AMW-1DUP

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-16 Client ID: MW-6

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-17 Client ID: MW-1

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-18 Client ID: MW-7

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-19 Client ID: FIELDBLANK

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-20 Client ID: MW-8

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-21 Client ID: MW-5

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-22 Client ID: MW-8DUP

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-23 Client ID: MW-11

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-24 Client ID: MW-12

Contract: Tetra Tech FW Inc.. Date Collected: 4/13/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-25 Client ID: MW-10

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	0.012	mg/L			1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-26 Client ID: MW-9

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-29 Client ID: AMW-1 — —

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-30 Client ID: AMW-1DUP

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2186

Sample ID: S2186-31 Client ID: MW-6

Contract: Tetra Tech FW Inc.. Date Collected: 4/14/04 Date Received: 4/15/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/20/04

Comments: Dissolved Cyanide

8.1 GENERAL CHEMISTRY BLANK, CALIBRATION and QA/QC SUMMARY

GENERAL CHEMISTRY

Form 2A - Initial and Continuing Calibration Verification

SDG No.: S2186 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
ICV1						
Cyanide	mg/L	0.09	0.10	90.0	80-120	4/20/04
CCV1						
Cyanide	mg/L	0.24	0.25	96.0	80-120	4/20/04
CCV2						
Cyanide	mg/L	0.25	0.25	100.0	80-120	4/20/04
CCV3						
Cyanide	mg/L	0.24	0.25	96.0	80-120	4/20/04
CCV4						
Cyanide	mg/L	0.23	0.25	92.0	80-120	4/20/04
CCV5						
Cyanide	mg/L	0.25	0.25	100.0	80-120	4/20/04

GENERAL CHEMISTRY

Form 3A - Initial and Continuing Calibration Blank Summary

SDG No.: S2186 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	Result	Acceptance Limits	Conc Qual	RDL	Analysis Date
ICB1						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/20/04
CCB1						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/20/04
CCB2						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/20/04
CCB3						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/20/04
CCB4						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/20/04
CCB5						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/20/04

GENERAL CHEMISTRY

Form 3B - Preparation Blank Summary

SDG No.: S2186 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	Result	Acceptance Limits	Conc Qual	RDL	Analysis Date
lb12439b						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/20/04

GENERAL CHEMISTRY
Form 5A - Matrix Spike Summary

SDG No.: S2186 Contract: Tetra Tech FW Inc..

Sample ID: S2186-24 Spiked ID: S2186-24S

Client ID: MW-12S Percent Solids for Spike Sample: 0.0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	Dilution Factor	% Rec	Qual	Date Analyzed
Cyanide	mg/L	75-125	0.087		0.01	U	0.10	1	87		4/20/04

GENERAL CHEMISTRY
Form 6 - Duplicate Sample Summary

SDG No.: S2186 Contract: Tetra Tech FW Inc..

Sample ID: S2186-24 Duplicate ID: S2186-24D

Client ID: MW-12D Percent Solids for Duplicate Sample: 0.0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	Dilution Factor	RPD/ AD	Qual	Date Analyzed
Cyanide	mg/L	+/-20	0.01	U	0.01	U	1	0		4/20/04

GENERAL CHEMISTRY

Form 7 - Laboratory Control Sample Summary

SDG No.: S2186 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	True Value	Result	C	% Recovery	Dilution Factor	Acceptance Limit %R	Date Analyzed
lb12439bs								
Cyanide	mg/L	0.10	0.098		98	1	75-125	4/20/04

Form 10 - Method Detection Limits

SDG No.: S2186 Contract: Tetra Tech FW Inc..

Analyte	Units	MDL	RDL
Method: 9012 Cyanide MDL Date: 1/30/04			
Matrix Category: LIQUID			
Cyanide	mg/L	0.003	0.010

8.2 GENERAL CHEMISTRY MISCELLANEOUS DATA

Chemtech Consulting Group

Analytical Summary Report

Analysis Method: 9012 Cyanide
Parameter: Cyanide
Run Number: lb12439
Instrument: Konelab

Seq	Lab ID	Client ID	Sample Type	Inst Conc	Dil	Analytical Date	Analytical Time/Seq
1	ICV	ICV	ICV	0.093	1	4/20/04	001
2	ICB	ICB	ICB	0.000	1	4/20/04	002
3	lb12439b	MBW	MB	0.000	1	4/20/04	003
4	lb12439bs	LCSW	LCS	0.098	1	4/20/04	004
5	HDS	HDS	HDS	0.479	1	4/20/04	005
6	LDS	LDS	LDS	0.009	1	4/20/04	006
7	S2198-01	MW-4	SAM	0.010	1	4/20/04	007
8	S2198-02	MW-6	SAM	0.202	1	4/20/04	008
9	S2198-03	MW-5	SAM	0.040	1	4/20/04	009
10	S2199-01	MW-3	SAM	0.037	1	4/20/04	010
11	S2199-02	MW-300	SAM	0.045	1	4/20/04	011
12	S2199-03S	MW-3S	MS	0.147	1	4/20/04	012
13	CCV	CCV	CCV	0.241	1	4/20/04	013
14	CCB	CCB	CCB	0.000	1	4/20/04	014
15	S2199-04D	MW-3MD	DUP	0.042	1	4/20/04	015
16	S2186-01	MW-1	SAM	0.000	1	4/20/04	016
17	S2186-02	MW-7	SAM	0.011	1	4/20/04	017
18	S2186-03	FIELDBLANK-1	SAM	0.000	1	4/20/04	018
19	S2186-04	MW-8	SAM	0.000	1	4/20/04	019
20	S2186-06	MW-5	SAM	0.000	1	4/20/04	020
21	S2186-07	MW-8DUP	SAM	0.000	1	4/20/04	021
22	S2186-08	MW-11	SAM	0.011	1	4/20/04	022
23	S2186-09	MW-12	SAM	0.000	1	4/20/04	023
24	S2186-10	MW-10	SAM	0.000	1	4/20/04	024
25	CCV	CCV	CCV	0.246	1	4/20/04	025
26	CCB	CCB	CCB	0.000	1	4/20/04	026
27	S2186-11	MW-9	SAM	0.000	1	4/20/04	027
28	S2186-12	FIELDBLANK-2	SAM	0.000	1	4/20/04	028
29	S2186-13	RINSEBLANK	SAM	0.000	1	4/20/04	029
30	S2186-14	AMW-1	SAM	0.000	1	4/20/04	030
31	S2186-15	AMW-1DUP	SAM	0.000	1	4/20/04	031
32	S2186-16	MW-6	SAM	0.000	1	4/20/04	032
33	S2186-17	MW-1	SAM	0.000	1	4/20/04	033
34	S2186-18	MW-7	SAM	0.000	1	4/20/04	034
35	S2186-19	FIELDBLANK	SAM	0.000	1	4/20/04	035
36	S2186-20	MW-8	SAM	0.000	1	4/20/04	036
37	CCV	CCV	CCV	0.236	1	4/20/04	037
38	CCB	CCB	CCB	0.000	1	4/20/04	038
39	S2186-21	MW-5	SAM	0.000	1	4/20/04	039
40	S2186-22	MW-8DUP	SAM	0.000	1	4/20/04	040
41	S2186-23	MW-11	SAM	0.000	1	4/20/04	041
42	S2186-24	MW-12	SAM	0.000	1	4/20/04	042

Chemtech Consulting Group

Analytical Summary Report

Analysis Method: 9012 Cyanide
Parameter: Cyanide
Run Number: lb12439
Instrument: Konelab

Seq	Lab ID	Client ID	Sample Type	Inst Conc	Dil	Analytical Date	Analytical Time/Seq
43	S2186-25	MW-10	SAM	0.012	1	4/20/04	043
44	S2186-26	MW-9	SAM	0.000	1	4/20/04	044
45	S2186-29	AMW-1	SAM	0.000	1	4/20/04	045
46	S2186-30	AMW-1DUP	SAM	0.000	1	4/20/04	046
47	S2186-31	MW-6	SAM	0.000	1	4/20/04	047
48	CCV	CCV	CCV	0.234	1	4/20/04	048
49	CCB	CCB	CCB	0.000	1	4/20/04	049
50	S2186-24S	MW-12S	MS	0.087	1	4/20/04	050
51	S2186-24D	MW-12D	DUP	0.000	1	4/20/04	051
52	CCV	CCV	CCV	0.253	1	4/20/04	052
53	CCB	CCB	CCB	0.000	1	4/20/04	053

Calibration results Konelab 6.0.5 Page: 1

Laboratory: CHEMTECH
284,SHEFFIELD STREET MOUNTAINSIDE NJ-07092
Analyst Review : Sgal
page # 1

20.04.2004 15:32

Test Total CN

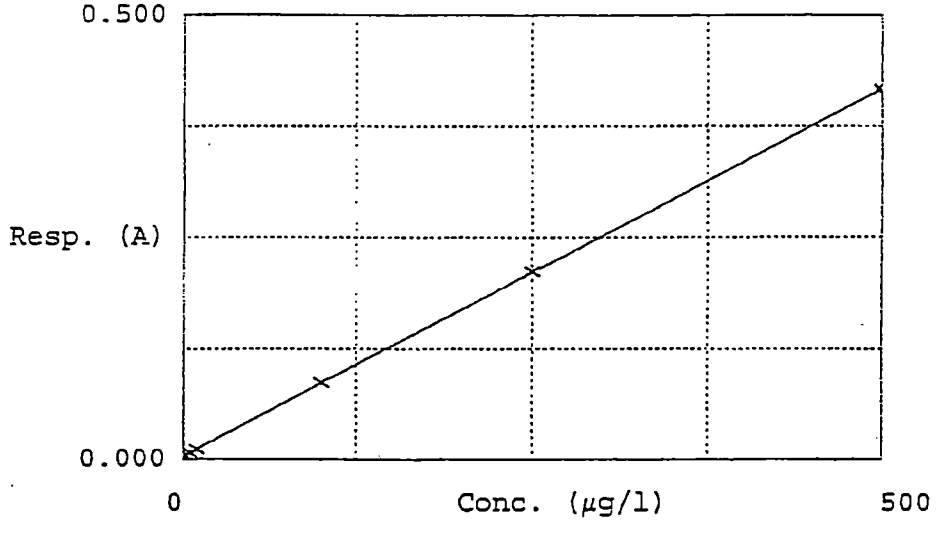
0.25N NaOH → W04882
CN Buffer → W04729
Ch-T → W04963
CN Washing std → W04964
Pyridine → W04702

Accepted 20.04.2004 15:32

Factor 1207
Bias 0.003

Coeff. of det. 0.999981

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.0801	0.0000	
2	5.0PPBCN	0.007	4.6048	5.0000	
3	10PPBCN	0.011	9.2600	10.0000	
4	100PPBCN	0.087	100.5924	100.0000	
5	250PPBCN	0.212	251.4452	250.0000	
6	500PPBCN	0.417	499.1777	500.0000	

Test results Konelab 6.0.5 Page: 1

Laboratory: CHEMTECH
284,SHEFFIELD STREET MOUNTAINSIDE NJ-07092
Analyst Review : Sgjal
page # 2

21.04.2004 09:41

Test: Total CN

Sample Id	Result	Response	Errors
ICV-CN1	93.987	0.081	
ICB-CN1.	9.442	0.011	
PBW1	0.028	0.003	
LCSW1	8.719	0.011	
S2198-01	10.404	0.012	
S2198-03	40.691	0.037	
S2199-01	37.022	0.034	
CCV1	241.468	0.203	
CCB1	0.056	0.003	
S2199-02	45.750	0.041	
S2199-03S	147.608	0.126	
S2199-04D	42.892	0.039	
S2186-01	1.359	0.005	
S2186-02	11.984	0.013	
S2186-03	-0.265	0.003	
S2186-04	0.625	0.004	
S2186-06	2.368	0.005	
S2186-07	1.309	0.004	
S2186-08	11.603	0.013	
CCV2	246.956	0.208	
CCB2	0.265	0.004	
S2186-09	1.686	0.005	
S2186-10	0.627	0.004	
S2186-11	0.037	0.003	
S2186-12	-0.439	0.003	
S2186-13	1.357	0.005	
ICV2	103.969	0.090	
ICB2	0.726	0.004	
HIGH2	479.715	0.401	
LOW2	9.255	0.011	
PBW3	0.283	0.004	
CCV3	239.959	0.202	
CCB3	0.502	0.004	
LCSW3	97.924	0.085	
S2186-14	0.837	0.004	
S2186-15	0.019	0.003	
S2186-17	0.315	0.004	
S2186-16	0.398	0.004	
S2186-18	-0.281	0.003	
S2186-19	-0.068	0.003	
S2186-20	0.650	0.004	
S2186-21	0.550	0.004	
CCV-22	236.339	0.199	
CCB-22	0.494	0.004	
S2186-22	0.093	0.003	
S2186-23	0.028	0.003	

Laboratory: CHEMTECH
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Test: Total CN

Sample Id	Result	Response	Errors
S2186-24	-0.078	0.003	
S2186-25	12.731	0.014	
S2186-26	0.277	0.004	
S2186-29	-0.173	0.003	
S2186-30	-0.205	0.003	
S2186-31	-0.297	0.003	
S2186-24D	0.166	0.004	
S2186-24S	87.659	0.076	
CCV-11	234.123	0.197	
CCB-11	0.436	0.004	
X	0.043	0.003	
X1	-0.034	0.003	
X1	-0.069	0.003	
X2	0.048	0.003	
X2	-0.011	0.003	
~~S2198-02 x2~~ LCSW	98.573	0.085	
S2198-02 x2	101.406	0.087	= 202.8
CCV-1	253.042	0.213	
CCB-1	0.311	0.004	

S 4/21/04

N	65
Mean	44.880
SD	91.6224
CV%	204.15

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

Cyanide SOP: 9010 Distillate Date 4/19/04

Final Volume: 50mL

Analyst Signature: CM Supervisor Signature: S

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
ICV	0.5mL	MM0585	0.25N NaOH	W04882
SPIKE	1.0mL	W04914A	50% v/v H_2SO_4	W04788
HIGH STD	5.0mL	W04507	51% w/v $MgCl_2$	W04813
LOW STD	0.5mL			
LCSW	0.5mL	W04914A	—	—

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
1	ICV		water	50mL	>12	-ve	-ve	Tracking # W04948-X
2	HIGH STD		water	50mL	>12	-ve	-ve	—
3	LOW STD		water	50mL	>12	-ve	-ve	Distillation Start 15:00
4	PBW		water	50mL	>12	-ve	-ve	End 16:30
5	LCSW		water	50mL	>12	-ve	-ve	—
6	S2198-01		water	50mL	>12	-ve	-ve	—
7	S2198-02		water	50mL	>12	-ve	-ve	—
8	S2198-03		water	50mL	>12	-ve	-ve	—
9	S2199-01		water	50mL	>12	-ve	-ve	—
10	S2199-02		water	50mL	>12	-ve	-ve	—
11	S2199-03(S)		water	50mL	>12	-ve	-ve	True Value SPIKE 100ppb
12	S2199-04(D)		water	50mL	>12	-ve	-ve	Duplicate
13	S2186-01		water	50mL	>12	-ve	-ve	—
14	S2186-02		water	50mL	>12	-ve	-ve	—
15	S2186-03		water	50mL	>12	-ve	-ve	—
16	S2186-04		water	50mL	>12	-ve	-ve	—

Balance Check WT#1 — WT#2 — WT#3 —

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

Cyanide SOP: 9010 Distillate Date 4/19/04

Final Volume: 50mL

Analyst Signature: CAM Supervisor Signature: [signature]

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
				CAM 4/19/04

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
17	S2186-06		water	50mL	>12	-ve	-ve	—
18	S2186-07		water	50mL	>12	-ve	-ve	—
19	S2186-08		water	50mL	>12	-ve	-ve	—
20	S2186-09		water	50mL	>12	-ve	-ve	—
21	S2186-10		water	50mL	>12	-ve	-ve	—
22	S2186-11		water	50mL	>12	-ve	-ve	—
23	S2186-12		water	50mL	>12	-ve	-ve	—
24	S2186-13		water	50mL	>12	-ve	-ve	—
								CAM 4/19/04

Balance Check WT#1 — WT#2 — WT#3 —

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

LB12439

Cyanide SOP: 9010 Distillate Date 4/20/04

Final Volume: 50mL

Analyst Signature: CAm Supervisor Signature: S

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
ICV	0.5mL	MM0585	0.25N NaOH	W04882
SPIKE	1.0mL	W04914A	50% v/v H_2SO_4	W04788
HIGH STD	5.0mL	W04507	51% w/v $MgCl_2$	W04813
LOW STD	0.5mL		—	—
LCSW	0.5mL	W04914A		

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
1	ICV		water	50mL	>12	-ve	-ve	Tracking # W04957-X1
2	HIGHSTD		water	50mL	>12	-ve	-ve	—
3	LOWSTD		water	50mL	>12	-ve	-ve	Distillation Start 10:30
4	PBW		water	50mL	>12	-ve	-ve	End 12:00
5	LCSW		water	50mL	>12	-ve	-ve	—
6	S2186-14		water	50mL	>12	-ve	-ve	
7	S2186-15		water	50mL	>12	-ve	-ve	
8	S2186-16		water	50mL	>12	-ve	-ve	
9	S2186-17		water	50mL	>12	-ve	-ve	
10	S2186-18		water	50mL	>12	-ve	-ve	
11	S2186-19		water	50mL	>12	-ve	-ve	
12	S2186-20		water	50mL	>12	-ve	-ve	
13	S2186-21		water	50mL	>12	-ve	-ve	
14	S2186-22		water	50mL	>12	-ve	-ve	
15	S2186-23		water	50mL	>12	-ve	-ve	
16	S2186-24		water	50mL	>12	-ve	-ve	

Balance Check WT#1 — WT#2 — WT#3 —

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

Cyanide SOP: 9010 Distillate Date 4/20/04

Final Volume: 50mL

Analyst Signature: CAM Supervisor Signature: B

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
				CAM 4/20/04

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
17	S2186-25		water	50mL	>12	-ve	-ve	
18	S2186-26		water	50mL	>12	-ve	-ve	
19	S2186-29		water	50mL	>12	-ve	-ve	
20	S2186-30		water	50mL	>12	-ve	-ve	
21	S2186-31		water	50mL	>12	-ve	-ve	
22	S2186-24(S)		water	50mL	>12	-ve	-ve	True Value SPIKE 100PPB
23	S2186-24(D)		water	50mL	>12	-ve	-ve	Duplicate
							CAM	4/20/04

Balance Check WT#1 — WT#2 — WT#3 —

CHEMTECH

284 Sheffield ST. Mountainside, NJ 07092
Tel: 908-789-8900

END OF ANALYTICAL RESULTS