

WTC sample 1

10/29/01 IT

BIK	25156	2513 1+Lab Prep +
5STD_QCS	25259	25169
IPC+CB	25260	25171
26196 } emergency	25261	172
Harrison med) } samples	25262	25243
IPC + CB	25263	25244
LFB + LRB	25375	25245
25044+sph }	25376	25246
25044 Lab Prep }	IPC + CB	25247
25045	LFB + LRB	25248
25047	24963	IPC + CB
25048	968	
25049	26632	
25050	634	
25051	638	
25052	25105+sph + Lab Prep	
25072	25106	
25073	25113	
IPC + CB	114	
25154+Lab Prep + sph	129	
25155	IPC + CD	

QC Reviewed by,

10/22/11 C/17

Standardization Rpt.

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Method: IECW Standard: ~~STD1~~ Blank

Run Time: 10/29/01 13:28:34

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.289	3.796	.7205	.3020	.1360	.1915	3.868
SDev	.005	.015	.0114	.0016	.0000	.0010	.022
%RSD	.3694	.4036	1.576	.5407	.0000	.5222	.5601

#1	1.292	3.776	.7120	.3020	.1360	.1920	3.876
#2	1.290	3.808	.7220	.3040	.1360	.1920	3.884
#3	1.282	3.792	.7120	.3000	.1360	.1900	3.836
#4	1.292	3.808	.7360	.3020	.1360	.1920	3.876

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2870	2.817	.9990	.6070	.0025	5.168	1.330
SDev	.0068	.021	.0060	.0011	.0047	.012	.011
%RSD	2.380	.7547	.6006	.1902	189.0	.2265	.7957

#1	.2960	2.844	.9920	.6080	-.0040	5.174	1.336
#2	.2840	2.800	.9960	.6060	.0060	5.174	1.328
#3	.2880	2.800	1.004	.6060	.0060	5.150	1.316
#4	.2800	2.824	1.004	.6080	.0020	5.172	1.340

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0995	.1740	1.761	.5080	.8595	.1940	.1855
SDev	.0010	.0016	.018	.0016	.0066	.0052	.0044
%RSD	1.005	.9385	1.005	.3215	.7688	2.662	2.391

#1	.1000	.1760	1.744	.5080	.8600	.2000	.1800
#2	.1000	.1720	1.780	.5100	.8680	.1960	.1840
#3	.0980	.1740	1.748	.5060	.8580	.1880	.1900
#4	.1000	.1740	1.772	.5080	.8520	.1920	.1880

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	10.23	.1665	.6840	.2370
SDev	.04	.0087	.0016	.0572
%RSD	.4105	5.224	.2387	24.13

#1	10.24	.1620	.6840	.1860
#2	10.29	.1680	.6840	.1920
#3	10.19	.1780	.6820	.3020
#4	10.21	.1580	.6860	.2680

Standardization Rpt.

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Method: IECW Standard: STD6
Run Time: 10/29/01 13:30:40

Elem	Ag3280
Avge	45.41
SDev	.11
%RSD	.2457

#1	45.52
#2	45.30
#3	45.33
#4	45.50

Standardization Rpt.

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Method: IECW Standard: STD3

Run Time: 10/29/01 13:33:38

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	26.05	228.7	15.63	8.922	13.63	18.36	2.051
SDev	.05	.3	.03	.047	.08	.04	.031
%RSD	.1744	.1436	.1947	.5271	.6066	.2377	1.494

#1	26.04	228.3	15.60	8.864	13.74	18.32	2.056
#2	26.01	228.9	15.66	8.938	13.55	18.33	2.090
#3	26.12	229.0	15.65	8.976	13.58	18.40	2.016
#4	26.03	228.8	15.61	8.912	13.64	18.40	2.044

Elem	Tl1908
Avge	1.930
SDev	.037
%RSD	1.918

#1	1.908
#2	1.924
#3	1.904
#4	1.984

Standardization Rpt.

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Method: IECW Standard: STD4

Run Time: 10/29/01 13:36:09

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	8.856	41.78	50.53	1.500	14.72
SDev	.126	.13	.17	.028	.04
%RSD	1.419	.3201	.3450	1.860	.2710
#1	8.834	41.70	50.59	1.504	14.72
#2	8.688	41.75	50.45	1.500	14.68
#3	8.972	41.98	50.74	1.532	14.77
#4	8.928	41.69	50.34	1.464	14.70

Standardization Rpt.

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Method: IECW Standard: STD2

Run Time: 10/29/01 13:38:12

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	31.74	91.77	42.17	147.4	29.28	11.64	8.347
SDev	.05	.41	.13	.5	.05	.04	.031
%RSD	.1615	.4449	.3196	.3719	.1679	.3720	.3755

#1	31.73	91.19	41.97	146.6	29.24	11.64	8.308
#2	31.67	91.80	42.23	147.5	29.23	11.69	8.344
#3	31.77	92.06	42.25	147.8	29.32	11.64	8.354
#4	31.79	92.04	42.23	147.8	29.32	11.59	8.384

Elem	Mn2576	Pb2203	Zn2138
Avge	33.41	6.698	36.40
SDev	.13	.047	.14
%RSD	.3927	.7021	.3874

#1	33.23	6.628	36.20
#2	33.40	6.720	36.42
#3	33.46	6.722	36.46
#4	33.55	6.724	36.53

Standardization Rpt.

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Method: IECW Standard: STD5

Run Time: 10/29/01 13:40:12

Elem	V_2924
Avge	34.53
SDev	.26
%RSD	.7434

#1	34.35
#2	34.37
#3	34.49
#4	34.90

Analysis Report

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Method: IECW Sample Name: ipc (OCS) Operator: it
 Run Time: 10/29/01 13:42:16
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	.5022	.9673	.0409	.9822	.9987	.9873	1.006
SDev	.0021	.0052	.0355	.0064	.0047	.0034	.001
%RSD	.4133	.5368	86.97	.6521	.4755	.3484	.1206

#1	.5007	.9698	<.0000	.9819	1.003	.9890	1.006
#2	.5016	.9716	.0661	.9839	.9963	.9848	1.004
#3	.5012	.9680	.0636	.9737	.9931	.9841	1.007
#4	.5052	.9598	.0440	.9892	1.003	.9912	1.006

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9866	.9926	.9749	.9724	.9977	<.0000	.9630
SDev	.0031	.0015	.0019	.0039	.0040	.1041	.0074
%RSD	.3176	.1482	.1924	.4018	.3972	26.66	.7705

#1	.9897	.9908	.9730	.9759	.9942	<.0000	.9544
#2	.9859	.9920	.9774	.9710	.9981	<.0000	.9659
#3	.9825	.9942	.9742	.9675	.9955	<.0000	.9716
#4	.9883	.9933	.9750	.9752	1.003	<.0000	.9601

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9872	.9864	.9802	1.003	.9810	.8912	<.0000
SDev	.0060	.0159	.0026	.013	.0147	.0361	.0229
%RSD	.6091	1.617	.2602	1.330	1.502	4.049	139.2

#1	.9879	.9721	.9815	1.010	.9629	.8640	.0026
#2	.9885	.9789	.9781	1.004	.9766	.8640	.0026
#3	.9789	.9858	.9832	.9846	.9870	.8966	<.0000
#4	.9933	1.009	.9781	1.015	.9973	.9401	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	1.042	.9924	.9944
SDev	.2046	.054	.0049	.0016
%RSD	24.53	5.157	.4963	.1636

#1	<.0000	1.116	.9983	.9950
#2	<.0000	1.048	.9912	.9922
#3	<.0000	1.003	.9865	.9944
#4	<.0000	1.003	.9936	.9961

Analysis Report

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Method: IECW Sample Name: cb

Operator: it

Run Time: 10/29/01 13:46:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	<.0000 ✓	<.0000 ✓	<.0000	<.0000	<.0000 ✓	<.0000 ✓	<.0000 ✓
SDev	.0017	.0062	.0296	.0012	.0004	.0000	.0023
%RSD	68.64	87.85	142.1	86.24	38.46	4.878	49.60

#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.0111	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286 ✓	Cr2677 ✓	Cu3247	Fe2599 ✓	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000	<.0000
SDev	.0004	.0018	.0012	.0012	.0016	.1378	.0169
%RSD	19.18	57.91	59.81	34.15	51.67	21.34	157.0

#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0065

Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	<.0000 ✓	<.0000 ✓	.0004 ✓	.0025 ✓	.0000	<.0000	<.0000
SDev	.0003	.0066	.0087	.0047	.0165	.0224	.0520
%RSD	33.36	29.62	2028.	184.9	77300.	45.86	151.4

#1	<.0000	<.0000	.0094	.0014	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0081	.0078	<.0000	.0077
#3	<.0000	<.0000	<.0000	<.0000	.0009	<.0000	<.0000
#4	<.0000	<.0000	.0043	.0036	.0147	<.0000	.0077

Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓
Avge	<.0000	.0142	<.0000 ✓	<.0000 ✓
SDev	.3706	.0429	.0003	.0012
%RSD	67.34	301.3	10.01	63.40

#1	<.0000	.0740	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0171	<.0000	<.0000

Ag 83%

Analysis Report

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Method: IECW Sample Name: lfb

Operator: it

Run Time: 10/29/01 14:12:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0207	.2441	.2488	.2509	.2489	.0483	.0103
SDev	.0012	.0058	.0158	.0028	.0006	.0002	.0011
%RSD	5.780	2.370	6.359	1.125	.2435	.4441	10.48

#1	.0196	.2376	.2717	.2540	.2482	.0482	.0104
#2	.0219	.2475	.2370	.2525	.2494	.0484	.0118
#3	.0196	.2412	.2396	.2477	.2488	.0480	.0095
#4	.0214	.2502	.2468	.2496	.2494	.0484	.0095

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1026	.1011	.2463	.2509	.2573	<.0000	<.0000
SDev	.0017	.0020	.0018	.0012	.0033	.1221	.0049
%RSD	1.657	2.013	.7390	.4751	1.285	11.52	42.38

#1	.1016	.1000	.2448	.2494	.2560	<.0000	<.0000
#2	.1026	.1011	.2488	.2521	.2586	<.0000	<.0000
#3	.1050	.0994	.2464	.2507	.2535	<.0000	<.0000
#4	.1012	.1040	.2452	.2514	.2611	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2528	.0865	<.0000	.2624	.2414	.2167	.2510
SDev	.0016	.0050	.0158	.0070	.0126	.0300	.0558
%RSD	.6247	5.736	184.8	2.689	5.217	13.82	22.23

#1	.2512	.0888	<.0000	.2604	.2552	.2466	.3121
#2	.2542	.0911	.0127	.2593	.2276	.2031	.2204
#3	.2518	.0865	<.0000	.2728	.2345	.1814	.1899
#4	.2542	.0796	<.0000	.2571	.2482	.2357	.2815

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.665	.2496	.0968	.2536
SDev	.164	.0431	.0014	.0018
%RSD	9.829	17.25	1.454	.7197

#1	1.505	.2553	.0959	.2515
#2	1.806	.1870	.0977	.2537
#3	1.543	.2780	.0953	.2531
#4	1.806	.2780	.0983	.2559

Analysis Report

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Method: IECW Sample Name: lrb

Operator: it

Run Time: 10/29/01 14:15:16

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0001 ✓	.0106	.0214	<.0000	<.0000	<.0000	.0052 ✓
SDev	.0012	.0077	.0230	.0013	.0004	.0001	.0055
%RSD	1084.	72.21	107.1	31.85	114.8	7.776	105.3
#1	<.0000	.0197	<.0000	<.0000	<.0000	<.0000	.0129
#2	.0019	.0142	.0282	<.0000	<.0000	<.0000	.0047
#3	<.0000	.0034	.0505	<.0000	<.0000	<.0000	.0034
#4	<.0000	.0052	.0086	<.0000	<.0000	<.0000	<.0000
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	.0002 ✓	<.0000 ✓	<.0000 ✓	.1754	.0172
SDev	.0013	.0017	.0011	.0013	.0026	.3648	.0072
%RSD	83.29	699.0	572.1	23.55	199.2	208.0	41.67
#1	<.0000	.0007	.0015	<.0000	<.0000	.5340	.0266
#2	.0004	.0016	<.0000	<.0000	.0026	.4384	.0093
#3	<.0000	<.0000	.0007	<.0000	<.0000	<.0000	.0180
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0151
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sh2068	Se1960
Avge	<.0000 ✓	<.0000 ✓	.0004 ✓	<.0000 ✓	.0094	<.0000	<.0000
SDev	.0000	.0022	.0185	.0075	.0139	.0208	.0088
%RSD	.0866	9.564	4403.	2623.	147.3	40.32	19.17
#1	<.0000	<.0000	.0195	.0003	.0180	<.0000	<.0000
#2	<.0000	<.0000	.0128	.0036	.0215	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0059	.0077	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.662	<.0000	<.0000 ✓	.0018 ✓			
SDev	.286	.0376	.0006	.0009			
%RSD	17.22	263.7	95.62	50.28			
#1	1.844	<.0000	.0001	.0007			
#2	1.950	.0057	<.0000	.0029			
#3	1.524	.0284	<.0000	.0018			
#4	1.330	<.0000	<.0000	.0018			

Analysis Report

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Method: IECW Sample Name: 25044

Operator: it

Run Time: 10/29/01 14:17:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	.0141	<.0000	5.766 ✓
SDev	.0011	.0149	.0335	.0008	.0003	.0000	.024
%RSD	25.17	259.9	232.8	777.5	2.219	4.082	.4089

#1	<.0000	<.0000	<.0000	.0006	.0140	<.0000	5.739
#2	<.0000	<.0000	<.0000	.0001	.0140	<.0000	5.772
#3	<.0000	<.0000	<.0000	<.0000	.0140	<.0000	5.757
#4	<.0000	.0144	.0273	.0001	.0146	<.0000	5.795

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0203 ✓	<.0000	1.241 ✓
SDev	.0015	.0017	.0007	.0010	.0017	.3368	.019
%RSD	165.4	76.94	30.71	12.90	8.190	40.63	1.547

#1	<.0000	<.0000	<.0000	<.0000	.0209	<.0000	1.221
#2	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.236
#3	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.241
#4	.0013	<.0000	<.0000	<.0000	.0183	<.0000	1.267

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0262 ✓	<.0000	.07294 ✓	.0045	<.0000	<.0000	.0109
SDev	.0006	.0027	.048	.0038	.0204	.0126	.0261
%RSD	2.292	10.25	.6552	84.79	394.8	27.04	239.8

#1	.0253	<.0000	7.298	.0089	<.0000	<.0000	<.0000
#2	.0265	<.0000	7.327	.0056	.0009	<.0000	.0071
#3	.0265	<.0000	7.225	<.0000	<.0000	<.0000	.0376
#4	.0265	<.0000	7.325	.0033	.0146	<.0000	.0223

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.222	.0377	<.0000	<.0000
SDev	.423	.0602	.0010	.0010
%RSD	34.63	159.5	27.89	72.05

#1	.8883	<.0000	<.0000	<.0000
#2	1.051	.0036	<.0000	<.0000
#3	1.108	.1173	<.0000	<.0000
#4	1.842	.0490	<.0000	<.0000

Mo 7
722'

Analysis Report

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page 1

Method: IECW Sample Name: 25044spk

Operator: it

Run Time: 10/29/01 14:21:56

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0220 ✓	.2762 ✓	.2555	.2599	.2661 ✓	.0490 ✓	5.679
SDev	.0004	.0113	.0230	.0013	.0008	.0002	.016
%RSD	2.059	4.095	9.005	.5022	.2992	.3263	.2865

#1	.0223	.2839	.2504	.2594	.2653	.0491	5.689
#2	.0223	.2848	.2800	.2618	.2659	.0488	5.678
#3	.0214	.2604	.2261	.2589	.2659	.0489	5.656
#4	.0223	.2757	.2654	.2594	.2672	.0491	5.692

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1037 ✓	.1050 ✓	.2514 ✓	.2585 ✓	.2763 ✓	<.0000	1.226
SDev	.0036	.0006	.0018	.0018	.0025	.2755	.021
%RSD	3.478	.6033	.6970	.7101	.8900	104.7	1.747

#1	.1073	.1048	.2505	.2597	.2743	.1196	1.244
#2	.1006	.1051	.2517	.2569	.2769	<.0000	1.230
#3	.1064	.1058	.2497	.2569	.2795	<.0000	1.195
#4	.1006	.1042	.2538	.2604	.2743	<.0000	1.236

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2803 ✓	.0715 <i>OK</i>	7.187	.2666 ✓	.2421	.2055	.2923
SDev	.0010 ✓	.0030 <i>720</i>	.032	.0028	.0133	.0186	.1111
%RSD	.3655	4.147	4.480	1.050	5.485	9.036	38.02

#1	.2817	.0680	7.213	.2668	.2550	.1810	.2197
#2	.2799	.0726	7.189	.2702	.2516	.2245	.3266
#3	.2793	.0703	7.142	.2635	.2275	.2029	.1892
#4	.2805	.0749	7.206	.2657	.2344	.2137	.4336

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.624	.3186	.0987 ✓	.2562 ✓
SDev	.266	.0398	.0009	.0005
%RSD	16.38	12.51	.8989	.2068

#1	1.829	.2986	.0982	.2564
#2	1.867	.2759	.0994	.2558
#3	1.327	.3670	.0976	.2569
#4	1.472	.3328	.0994	.2558

Analysis Report

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Method: IECW Sample Name: 25044lab dup Operator: it
 Run Time: 10/29/01 14:24:36
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0074	<.0000	.0015	.0146	<.0000	5.782
SDev	.0019	.0127	.0259	.0013	.0000	.0001	.019
%RSD	105.3	171.7	109.0	86.74	.0145	7.100	.3279

#1	<.0000	.0008	<.0000	.0001	.0146	<.0000	5.779
#2	<.0000	<.0000	.0127	.0006	.0146	<.0000	5.761
#3	.0005	.0253	<.0000	.0025	.0146	<.0000	5.781
#4	<.0000	.0072	<.0000	.0025	.0146	<.0000	5.807

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.228
SDev	.0007	.0021	.0019	.0018	.0010	.04078	.015
%RSD	36.38	74.45	121.3	26.62	4.702	170.5	1.230

#1	<.0000	<.0000	.0004	<.0000	.0222	<.0000	1.207
#2	<.0000	<.0000	<.0000	<.0000	.0209	<.0000	1.230
#3	<.0000	.0000	<.0000	<.0000	.0234	.2471	1.241
#4	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.236

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0268	<.0000	7.314	.0014	<.0000	<.0000	<.0000
SDev	.0003	.0037	.032	.0047	.0209	.0163	.0630
%RSD	1.296	10.67	.4348	342.3	93.27	17.57	58.53

#1	.0271	<.0000	7.269	.0078	<.0000	<.0000	<.0000
#2	.0265	<.0000	7.329	.0011	<.0000	<.0000	<.0000
#3	.0271	<.0000	7.317	<.0000	.0008	<.0000	<.0000
#4	.0265	<.0000	7.342	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.627	<.0000	<.0000	<.0000
SDev	.334	.0703	.0015	.0011
%RSD	20.55	210.8	57.83	44.21

#1	1.277	<.0000	<.0000	<.0000
#2	1.472	<.0000	<.0000	<.0000
#3	2.055	<.0000	<.0000	<.0000
#4	1.704	.0491	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 25045

Operator: it

Run Time: 10/29/01 14:27:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0027	<.0000	.0000	.0143	<.0000	5.766
SDev	.0018	.0064	.0230	.0013	.0004	.0000	.029
%RSD	71.01	240.8	64.78	9910.	2.572	4.255	.4945

#1	<.0000	.0063	<.0000	<.0000	.0146	<.0000	5.772
#2	.0000	.0008	<.0000	.0016	.0140	<.0000	5.785
#3	<.0000	.0090	<.0000	.0006	.0140	<.0000	5.784
#4	<.0000	<.0000	<.0000	<.0000	.0146	<.0000	5.725

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0206	<.0000	1.232
SDev	.0009	.0008	.0006	.0006	.0012	.2407	.018
%RSD	88.90	76.59	178.2	8.196	5.936	77.44	1.468

#1	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.227
#2	.0003	<.0000	<.0000	<.0000	.0222	<.0000	1.259
#3	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.218
#4	<.0000	<.0000	<.0000	<.0000	.0209	<.0000	1.224

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0230	<.0000	7.037	<.0000	<.0000	<.0000	<.0000
SDev	.0009	.0047	.061	.0053	.0142	.0208	.0402
%RSD	3.913	14.18	.8662	457.5	818.2	33.21	203.8

#1	.0223	<.0000	7.097	<.0000	.0008	<.0000	<.0000
#2	.0235	<.0000	7.043	.0056	.0146	<.0000	.0223
#3	.0241	<.0000	7.056	<.0000	<.0000	<.0000	.0070
#4	.0223	<.0000	6.953	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6453	<.0000	<.0000	<.0000
SDev	.3581	.0478	.0008	.0011
%RSD	55.50	355.3	29.14	56.21

#1	.9824	.0377	<.0000	<.0000
#2	.8004	.0149	<.0000	<.0000
#3	.6500	<.0000	<.0000	<.0000
#4	.1483	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 25047

Operator: it

Run Time: 10/29/01 14:29:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0091	<.0000	.0140	<.0000	5.661
SDev	.0020	.0093	.0297	.0016	.0000	.0000	.026
%RSD	39.45	69.48	326.0	145.4	.0205	.0000	.4551

#1	<.0000	<.0000	.0179	<.0000	.0140	<.0000	5.641
#2	<.0000	<.0000	.0472	.0006	.0140	<.0000	5.687
#3	<.0000	<.0000	<.0000	<.0000	.0140	<.0000	5.679
#4	<.0000	<.0000	<.0000	<.0000	.0140	<.0000	5.636

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0747	<.0000	1.214
SDev	.0011	.0009	.0017	.0012	.0000	.3731	.012
%RSD	47.94	27.33	77.28	13.90	.0076	44.16	.9757

#1	<.0000	<.0000	<.0000	<.0000	.0747	<.0000	1.201
#2	<.0000	<.0000	<.0000	<.0000	.0747	<.0000	1.230
#3	<.0000	<.0000	<.0000	<.0000	.0747	<.0000	1.213
#4	<.0000	<.0000	<.0000	<.0000	.0747	<.0000	1.213

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0227	<.0000	3.813	.0014	<.0000	<.0000	<.0000
SDev	.0003	.0000	.059	.0032	.0200	.0257	.1083
%RSD	1.322	.0170	1.537	233.5	56.58	47.06	896.0

#1	.0229	<.0000	3.847	.0011	<.0000	<.0000	.1446
#2	.0229	<.0000	3.867	.0056	<.0000	<.0000	<.0000
#3	.0229	<.0000	3.804	.0011	<.0000	<.0000	<.0000
#4	.0223	<.0000	3.735	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0235	<.0000	<.0000
SDev	.2621	.0545	.0013	.0015
%RSD	24.82	231.9	36.24	127.3

#1	<.0000	.0377	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0006
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0946	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25048

Operator: it

Run Time: 10/29/01 14:32:03

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0004	.0138	<.0000	5.676
SDev	.0010	.0072	.0294	.0014	.0003	.0000	.023
%RSD	18.95	67.19	197.0	378.0	2.280	4.082	.4135

#1	<.0000	<.0000	<.0000	.0016	.0140	<.0000	5.694
#2	<.0000	<.0000	.0129	<.0000	.0140	<.0000	5.648
#3	<.0000	<.0000	<.0000	.0016	.0140	<.0000	5.697
#4	<.0000	<.0000	.0080	<.0000	.0134	<.0000	5.664

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.213
SDev	.0002	.0014	.0006	.0007	.0018	.4050	.014
%RSD	23.49	27.22	34.66	7.532	9.252	50.30	1.161

#1	<.0000	<.0000	<.0000	<.0000	.0183	<.0000	1.224
#2	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.207
#3	<.0000	<.0000	<.0000	<.0000	.0183	<.0000	1.224
#4	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.195

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0224	<.0000	3.864	<.0000	<.0000	<.0000	<.0000
SDev	.0003	.0034	.043	.0046	.0133	.0259	.0773
%RSD	1.338	11.52	1.114	201.9	172.7	49.95	283.1

#1	.0223	<.0000	3.901	<.0000	<.0000	<.0000	<.0000
#2	.0223	<.0000	3.815	<.0000	<.0000	<.0000	<.0000
#3	.0229	<.0000	3.840	.0011	.0078	<.0000	<.0000
#4	.0223	<.0000	3.898	<.0000	<.0000	<.0000	.0682

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0236	<.0000	.0007
SDev	.2149	.0528	.0010	.0011
%RSD	11.09	224.2	25.87	153.0

#1	<.0000	.0946	<.0000	.0006
#2	<.0000	.0037	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0023
#4	<.0000	.0264	<.0000	.0006

Analysis Report

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page 1

Method: IECW Sample Name: 25049

Operator: it

Run Time: 10/29/01 14:34:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0498	.0100	.0245	<.0000	22.80
SDev	.0014	.0080	.0284	.0013	.0004	.0001	.02
%RSD	36.97	101.0	56.95	12.72	1.497	4.811	.0927
#1	<.0000	<.0000	.0136	.0098	.0248	<.0000	22.77
#2	<.0000	<.0000	.0825	.0093	.0248	<.0000	22.81
#3	<.0000	.0039	.0552	.0118	.0242	<.0000	22.80
#4	<.0000	<.0000	.0481	.0089	.0242	<.0000	22.82
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	.0002	<.0000	.0687	.8369	7.556
SDev	.0006	.0008	.0006	.0004	.0033	.2025	.012
%RSD	36.63	38.16	269.0	4.781	4.804	24.19	.1643
#1	<.0000	<.0000	<.0000	<.0000	.0649	.9485	7.539
#2	<.0000	<.0000	.0010	<.0000	.0674	.9485	7.567
#3	<.0000	<.0000	.0002	<.0000	.0726	.9166	7.562
#4	<.0000	<.0000	<.0000	<.0000	.0700	.5340	7.556
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0865	<.0000	26.23	.0034	.0000	<.0000	<.0000
SDev	.0003	.0042	.08	.0028	.0103	.0266	.0146
%RSD	.3459	15.92	.2873	82.13	65980.	72.87	32.08
#1	.0861	<.0000	26.21	.0040	<.0000	<.0000	<.0000
#2	.0867	<.0000	26.31	<.0000	.0147	<.0000	<.0000
#3	.0866	<.0000	26.14	.0062	<.0000	<.0000	<.0000
#4	.0867	<.0000	26.28	.0040	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.7810	.0418	<.0000	<.0000			
SDev	.1310	.0439	.0010	.0006			
%RSD	16.77	105.1	30.49	50.73			
#1	.7701	.0162	<.0000	<.0000			
#2	.9393	.0276	<.0000	<.0000			
#3	.7951	.1072	<.0000	<.0000			
#4	.6195	.0162	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25050

Operator: it

Run Time: 10/29/01 14:42:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0196	<.0000	.0143	<.0000	5.702
SDev	.0010	.0065	.0074	.0011	.0004	.0000	.025
%RSD	19.80	57.62	37.69	151.5	2.538	.0000	.4393
#1	<.0000	<.0000	.0226	.0001	.0146	<.0000	5.718
#2	<.0000	<.0000	.0103	<.0000	.0140	<.0000	5.668
#3	<.0000	<.0000	.0178	<.0000	.0146	<.0000	5.723
#4	<.0000	<.0000	.0277	<.0000	.0140	<.0000	5.697
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0203	<.0000	1.228
SDev	.0006	.0011	.0011	.0008	.0022	.2456	.010
%RSD	44.87	38.50	51.68	8.272	10.97	29.34	.7756
#1	<.0000	<.0000	<.0000	<.0000	.0183	<.0000	1.236
#2	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.216
#3	<.0000	<.0000	<.0000	<.0000	.0183	<.0000	1.236
#4	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.227
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0245	<.0000	3.925	.0025	.0009	<.0000	<.0000
SDev	.0003	.0034	.014	.0036	.0056	.0312	.0450
%RSD	1.226	11.98	.3556	143.9	628.7	63.60	547.9
#1	.0247	<.0000	3.927	<.0000	.0009	<.0000	.0376
#2	.0247	<.0000	3.918	.0078	.0078	<.0000	<.0000
#3	.0241	<.0000	3.912	.0011	.0009	<.0000	.0224
#4	.0247	<.0000	3.944	.0011	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	<.0000	<.0000	<.0000	.0002			
SDev	.2355	.0478	.0003	.0008			
%RSD	7.103	356.0	7.039	433.5			
#1	<.0000	.0377	<.0000	.0012			
#2	<.0000	<.0000	<.0000	<.0000			
#3	<.0000	<.0000	<.0000	.0006			
#4	<.0000	.0150	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25051

Operator: it

Run Time: 10/29/01 14:44:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0401	.0000	.0138	<.0000	5.649
SDev	.0005	.0036	.0148	.0018	.0003	.0000	.016
%RSD	8.281	20.46	36.93	6664.	2.293	.0000	.2787

#1	<.0000	<.0000	.0622	<.0000	.0140	<.0000	5.627
#2	<.0000	<.0000	.0327	<.0000	.0140	<.0000	5.650
#3	<.0000	<.0000	.0326	.0026	.0140	<.0000	5.654
#4	<.0000	<.0000	.0326	.0002	.0134	<.0000	5.665

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0158	<.0000	1.208
SDev	.0013	.0007	.0003	.0003	.0018	.2984	.013
%RSD	80.23	15.64	11.51	3.400	11.46	25.64	1.037

#1	<.0000	<.0000	<.0000	<.0000	.0171	<.0000	1.198
#2	<.0000	<.0000	<.0000	<.0000	.0158	<.0000	1.213
#3	<.0000	<.0000	<.0000	<.0000	.0171	<.0000	1.224
#4	<.0000	<.0000	<.0000	<.0000	.0132	<.0000	1.198

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0220	<.0000	3.876	.0033	<.0000	<.0000	<.0000
SDev	.0003	.0059	.022	.0056	.0155	.0274	.0565
%RSD	1.575	22.89	.5614	166.6	129.2	66.85	91.63

#1	.0217	<.0000	3.883	.0067	<.0000	<.0000	.0071
#2	.0223	<.0000	3.901	<.0000	.0009	<.0000	<.0000
#3	.0223	<.0000	3.867	.0089	<.0000	<.0000	<.0000
#4	.0217	<.0000	3.850	.0011	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0293	<.0000	<.0000
SDev	.0294	.0299	.0006	.0006
%RSD	.9558	102.2	10.69	71.36

#1	<.0000	.0719	<.0000	<.0000
#2	<.0000	.0151	<.0000	<.0000
#3	<.0000	.0037	<.0000	<.0000
#4	<.0000	.0264	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25052

Operator: it

Run Time: 10/29/01 14:46:13

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1087	.0081	.0251	<.0000	22.92
SDev	.0020	.0098	.0253	.0021	.0006	.0000	.15
%RSD	25.98	31.94	23.24	25.99	2.457	3.922	.6531

#1	<.0000	<.0000	.1124	.0064	.0255	<.0000	22.96
#2	<.0000	<.0000	.0729	.0088	.0254	<.0000	22.99
#3	<.0000	<.0000	.1319	.0064	.0254	<.0000	23.03
#4	<.0000	<.0000	.1174	.0108	.0242	<.0000	22.70

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0719	<.0000	7.622
SDev	.0014	.0035	.0015	.0009	.0016	.4201	.051
%RSD	232.6	52.01	51.80	7.526	2.282	109.8	.6757

#1	<.0000	<.0000	<.0000	<.0000	.0738	<.0000	7.671
#2	<.0000	<.0000	<.0000	<.0000	.0725	<.0000	7.654
#3	<.0000	<.0000	<.0000	<.0000	.0700	.0558	7.608
#4	.0009	<.0000	<.0000	<.0000	.0713	<.0000	7.556

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0853	<.0000	26.75	.0031	<.0000	<.0000	.0193
SDev	.0010	.0044	.20	.0017	.0059	.0177	.0571
%RSD	1.201	16.00	.7583	53.44	17.99	30.45	295.5

#1	.0848	<.0000	27.03	.0017	<.0000	<.0000	<.0000
#2	.0854	<.0000	26.76	.0051	<.0000	<.0000	.0193
#3	.0866	<.0000	26.67	.0040	<.0000	<.0000	.0957
#4	.0842	<.0000	26.56	.0018	<.0000	<.0000	.0041

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0616	<.0000	<.0000
SDev	.4437	.0670	.0012	.0006
%RSD	196.6	108.7	19.43	33.53

#1	<.0000	.1298	<.0000	<.0000
#2	.0047	<.0000	<.0000	<.0000
#3	.1804	.0616	<.0000	<.0000
#4	<.0000	.0845	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25072

Operator: it

Run Time: 10/29/01 14:48:24

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 —	.0259	<.0000	.0138 ✓	<.0000 —	5.741 ✓
SDev	.0019	.0089	.0248	.0008	.0003	.0000	.033
%RSD	28.51	50.50	95.83	69.09	2.281	.0000	.5728

#1	<.0000	<.0000	<.0000	<.0000	.0134	<.0000	5.724
#2	<.0000	<.0000	.0476	<.0000	.0140	<.0000	5.715
#3	<.0000	<.0000	.0374	<.0000	.0140	<.0000	5.789
#4	<.0000	<.0000	.0277	<.0000	.0140	<.0000	5.736

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 —	<.0000 —	<.0000 —	.0196 ✓	<.0000	1.231 ✓
SDev	.0012	.0019	.0010	.0009	.0021	.3408	.011
%RSD	60.58	52.59	22.97	8.925	10.68	24.86	.8624

#1	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.227
#2	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.224
#3	<.0000	<.0000	<.0000	<.0000	.0170	<.0000	1.247
#4	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.227

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0221 ✓	<.0000 —	7.513 ✓	.0036 —	<.0000	<.0000	.0033
SDev	.0008	.0000	.053	.0057	.0103	.0281	.1046
%RSD	3.415	.0237	.7053	156.8	41.46	60.54	3198.

#1	.0223	<.0000	7.443	<.0000	<.0000	<.0000	<.0000
#2	.0211	<.0000	7.540	.0101	<.0000	<.0000	<.0000
#3	.0229	<.0000	7.565	.0056	<.0000	<.0000	.1598
#4	.0223	<.0000	7.506	.0022	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000 —	<.0000 —
SDev	.2337	.0468	.0017	.0014
%RSD	21.19	955.2	35.46	60.15

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0263	<.0000	<.0000
#4	<.0000	.0378	<.0000	<.0000

Analysis Report

10/29/01 02:52:22 PM

page 1

Method: IECW Sample Name: 25073

Operator: it

Run Time: 10/29/01 14:50:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0173	<.0000	.0140	<.0000	5.677
SDev	.0013	.0077	.0265	.0014	.0000	.0000	.018
%RSD	17.20	32.18	153.0	206.6	.0137	3.922	.3138

#1	<.0000	<.0000	.0476	<.0000	.0140	<.0000	5.679
#2	<.0000	<.0000	.0154	<.0000	.0140	<.0000	5.700
#3	<.0000	<.0000	<.0000	<.0000	.0140	<.0000	5.670
#4	<.0000	<.0000	.0230	.0011	.0140	<.0000	5.658

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0171	<.0000	1.206
SDev	.0003	.0015	.0020	.0012	.0028	.4173	.006
%RSD	20.07	33.97	43.25	10.22	16.21	24.58	.4909

#1	<.0000	<.0000	<.0000	<.0000	.0132	<.0000	1.207
#2	<.0000	<.0000	<.0000	<.0000	.0183	<.0000	1.213
#3	<.0000	<.0000	<.0000	<.0000	.0171	<.0000	1.207
#4	<.0000	<.0000	<.0000	<.0000	.0196	<.0000	1.198

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0200	<.0000	7.223	.0050	<.0000	<.0000	<.0000
SDev	.0003	.0061	.037	.0022	.0076	.0126	.0912
%RSD	1.500	19.19	.5153	42.72	49.49	27.09	577.8

#1	.0199	<.0000	7.254	.0033	<.0000	<.0000	.0071
#2	.0199	<.0000	7.232	.0056	<.0000	<.0000	<.0000
#3	.0205	<.0000	7.169	.0078	<.0000	<.0000	.0988
#4	.0199	<.0000	7.237	.0033	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.1917	.0114	.0008	.0014
%RSD	6.831	567.6	14.36	62.80

#1	<.0000	.0037	<.0000	<.0000
#2	<.0000	.0037	<.0000	<.0000
#3	<.0000	.0037	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

10/29/01 02:54:23 PM

page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 10/29/01 14:52:39

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	.4916 ✓	.9497 ✓	.0232	.9662	.9855 ✓	.9725 ✓	.9799 ✓
SDev	.0040	.0097	.0331	.0080	.0101	.0090	.0076
%RSD	.8153	1.027	142.6	.8241	1.029	.9209	.7704

#1	.4866	.9445	<.0000	.9578	.9741	.9621	.9704
#2	.4907	.9544	.0466	.9617	.9843	.9710	.9774
#3	.4930	.9390	.0197	.9694	.9849	.9732	.9859
#4	.4962	.9607	.0490	.9757	.9988	.9839	.9861

Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avge	.9765 ✓	.9746 ✓	.9548 ✓	.9618 ✓	.9766 ✓	<.0000	.9271 ✓
SDev	.0073	.0096	.0095	.0083	.0064	.1991	.0055
%RSD	.7445	.9830	.9894	.8615	.6540	12.07	.5933

#1	.9673	.9690	.9435	.9529	.9712	<.0000	.9228
#2	.9778	.9697	.9524	.9585	.9725	<.0000	.9228
#3	.9759	.9708	.9572	.9633	.9776	<.0000	.9285
#4	.9849	.9889	.9661	.9724	.9853	<.0000	.9343

Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Rb2203 ✓	Sb2068	Se1960
Avge	.9723 ✓	.9508 ✓	.9453 ✓	.9806 ✓	.9431 ✓	.8831	<.0000
SDev	.0095	.0300	.0171	.0097	.0189	.0429	.0616
%RSD	.9791	3.156	1.807	.9946	2.008	4.862	256.6

#1	.9621	.9147	.9543	.9678	.9526	.8641	<.0000
#2	.9681	.9491	.9271	.9857	.9526	.8314	.0639
#3	.9747	.9514	.9645	.9902	.9147	.9185	<.0000
#4	.9843	.9881	.9356	.9790	.9525	.9184	<.0000

Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓
Avge	<.0000	1.037	.9653 ✓	1.007 ✓
SDev	.4024	.076	.0091	.011
%RSD	12.84	7.330	.9390	1.092

#1	<.0000	1.003	.9534	.9955
#2	<.0000	1.105	.9652	1.006
#3	<.0000	.9458	.9676	1.005
#4	<.0000	1.094	.9752	1.022

Analysis Report

10/29/01 02:57:06 PM

page 1

Method: IECW Sample Name: cb
 Run Time: 10/29/01 14:55:22
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000 ✓	<.0000 ✓	.0096	<.0000	<.0000 ✓	<.0000 ✓	<.0000 ✓
SDev	.0009	.0058	.0201	.0014	.0000	.0001	.0016
%RSD	15.63	21.70	209.1	46.06	.0317	10.94	16.44
#1	<.0000	<.0000	.0188	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.0213	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0189	<.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000	<.0000 ✓
SDev	.0016	.0012	.0007	.0011	.0027	.4320	.0055
%RSD	60.11	44.93	15.95	9.748	425.5	20.85	13.44
#1	<.0000	<.0000	<.0000	<.0000	.0026	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0031 ✓	<.0000	<.0000	<.0000
SDev	.0003	.0037	.0147	.0035	.0124	.0208	.0216
%RSD	25.68	26.15	35.28	112.7	120.6	69.78	25.74
#1	<.0000	<.0000	<.0000	.0070	.0078	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0048	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0014	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0342	<.0000 ✓	.0015 ✓
SDev	.1583	.0430	.0007	.0010
%RSD	3.957	125.8	16.77	62.83
#1	<.0000	.0967	<.0000	.0029
#2	<.0000	.0285	<.0000	.0007
#3	<.0000	.0058	<.0000	.0012
#4	<.0000	.0058	<.0000	.0012

Analysis Report

10/29/01 02:59:08 PM

page 1

Method: IECW Sample Name: 25154

Operator: it

Run Time: 10/29/01 14:57:24

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0273	.0016	.0134	<.0000	5.655
SDev	.0021	.0167	.0303	.0017	.0000	.0000	.033
%RSD	24.37	50.42	111.0	107.8	.0310	.0000	.5877

#1	<.0000	<.0000	.0402	.0035	.0134	<.0000	5.688
#2	<.0000	<.0000	<.0000	.0026	.0134	<.0000	5.617
#3	<.0000	<.0000	.0528	.0001	.0134	<.0000	5.638
#4	<.0000	<.0000	.0326	.0001	.0134	<.0000	5.677

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.194
SDev	.0023	.0022	.0018	.0013	.0000	.3917	.024
%RSD	426.3	42.66	33.57	10.37	.0457	17.43	1.979

#1	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.224
#2	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.178
#3	.0013	<.0000	<.0000	<.0000	.0222	<.0000	1.172
#4	.0013	<.0000	<.0000	<.0000	.0222	<.0000	1.201

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0238	<.0000	3.929	.0003	<.0000	<.0000	.0072
SDev	.0003	.0023	.026	.0038	.0250	.0273	.0705
%RSD	1.457	8.481	.6580	1455.	85.71	66.88	985.5

#1	.0241	<.0000	3.895	<.0000	<.0000	<.0000	.0682
#2	.0241	<.0000	3.939	<.0000	<.0000	<.0000	<.0000
#3	.0235	<.0000	3.927	<.0000	<.0000	<.0000	<.0000
#4	.0235	<.0000	3.956	.0056	<.0000	<.0000	.0682

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0094	<.0000	<.0000
SDev	.5271	.0114	.0017	.0011
%RSD	15.26	121.3	23.86	77.68

#1	<.0000	.0037	<.0000	<.0000
#2	<.0000	.0265	<.0000	<.0000
#3	<.0000	.0038	<.0000	<.0000
#4	<.0000	.0037	<.0000	<.0000

Analysis Report

10/29/01 03:01:12 PM

page 1

Method: IECW Sample Name: 25154lab dup

Operator: it

Run Time: 10/29/01 14:59:27

Comment:

Mode: CONC Corr. Factor: 1

ML CDL reported

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0130	.0018	.0134	<.0000	5.651
SDev	.0015	.0128	.0547	.0016	.0000	.0000	.031
%RSD	25.02	64.23	422.3	90.05	.0246	.0000	.5437

#1	<.0000	<.0000	<.0000	.0035	.0134	<.0000	5.634
#2	<.0000	<.0000	.0473	.0025	.0134	<.0000	5.660
#3	<.0000	<.0000	.0526	<.0000	.0134	<.0000	5.619
#4	<.0000	<.0000	.0178	.0016	.0134	<.0000	5.689

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0209	<.0000	1.207
SDev	.0008	.0029	.0018	.0010	.0028	.3731	.005
%RSD	33.32	71.30	41.99	9.253	13.21	27.21	.4342

#1	<.0000	<.0000	<.0000	<.0000	.0171	<.0000	1.204
#2	<.0000	<.0000	<.0000	<.0000	.0235	<.0000	1.210
#3	<.0000	<.0000	<.0000	<.0000	.0209	<.0000	1.201
#4	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.213

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0235	<.0000	3.894	.0042	<.0000	<.0000	.0262
SDev	.0005	.0039	.018	.0056	.0091	.0163	.0577
%RSD	2.088	13.61	.4681	133.8	88.29	59.60	220.0

#1	.0235	<.0000	3.901	.0078	<.0000	<.0000	<.0000
#2	.0241	<.0000	3.873	.0101	<.0000	<.0000	.0223
#3	.0229	<.0000	3.888	<.0000	<.0000	<.0000	.0683
#4	.0235	<.0000	3.915	<.0000	<.0000	<.0000	.0682

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0577	<.0000	<.0000
SDev	.3152	.0887	.0012	.0011
%RSD	11.73	153.8	22.59	79.71

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.1856	<.0000	<.0000
#3	<.0000	.0264	<.0000	<.0000
#4	<.0000	.0378	<.0000	<.0000

OK

Cu Spike
fail 12472
A1-121

Analysis Report

10/29/01 03:17:26 PM

page 1

Method: IECW Sample Name: 25154spk

Operator: it

Run Time: 10/29/01 15:15:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0246	.3013	.3070	.2944	.2887	.0537	5.551
SDev	.0004	.0022	.0521	.0013	.0006	.0001	.010
%RSD	1.503	.7335	16.96	.4293	.2098	.1561	.1804
#1	.0251	.3022	.2547	.2955	.2882	.0537	5.556
#2	.0246	.2995	.3163	.2955	.2895	.0537	5.561
#3	.0246	.2995	.3754	.2931	.2882	.0536	5.553
#4	.0242	.3040	.2817	.2936	.2889	.0536	5.537
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1113	.1102	.2703	.3106	.2958	.2332	1.215
SDev	.0036	.0013	.0020	.0006	.0026	.1062	.008
%RSD	3.238	1.144	.7316	.1833	.8913	45.54	.6189
#1	.1121	.1114	.2703	.3106	.2981	.2487	1.218
#2	.1159	.1102	.2727	.3099	.2981	.3730	1.221
#3	.1102	.1109	.2703	.3106	.2929	.1243	1.204
#4	.1073	.1085	.2679	.3113	.2942	.1865	1.216
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2993	.0999	4.040	.2828	.2613	.2559	.3297
SDev	.0012	.0032	.040	.0083	.0203	.0389	.0693
%RSD	.4011	3.241	.9874	2.920	7.778	15.20	21.02
#1	.2999	.1045	4.005	.2814	.2862	.2478	.2840
#2	.2999	.0999	4.042	.2948	.2484	.2803	.4212
#3	.3000	.0976	4.095	.2780	.2690	.2911	.2687
#4	.2975	.0976	4.017	.2769	.2415	.2045	.3450
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.2467	.2846	.1079	.2740			
SDev	.0345	.0430	.0011	.0020			
%RSD	13.96	15.10	1.000	.7251			
#1	.2362	.2248	.1073	.2724			
#2	.2975	.3158	.1085	.2730			
#3	.2209	.2817	.1091	.2769			
#4	.2324	.3159	.1067	.2736			

Analysis Report

10/29/01 03:19:58 PM

page 1

Method: IECW Sample Name: 25155
 Run Time: 10/29/01 15:18:13
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0004	.0324	.0059	.0151	<.0000	5.635
SDev	.0010	.0066	.0181	.0006	.0004	.0000	.017
%RSD	85.57	1612.	56.08	10.27	2.426	.0000	.2997
#1	<.0000	<.0000	.0202	.0065	.0154	<.0000	5.646
#2	<.0000	.0029	.0545	.0051	.0148	<.0000	5.654
#3	<.0000	.0011	.0151	.0060	.0154	<.0000	5.619
#4	<.0000	.0065	.0397	.0061	.0148	<.0000	5.623
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0008	<.0000	.0011	.0006	.0174	.1166	1.226
SDev	.0017	.0014	.0004	.0007	.0022	.3502	.018
%RSD	219.2	247.8	36.61	119.3	12.60	300.4	1.444
#1	<.0000	<.0000	.0013	.0004	.0164	<.0000	1.224
#2	<.0000	<.0000	.0013	.0011	.0177	.4041	1.241
#3	.0008	.0001	.0005	<.0000	.0203	<.0000	1.201
#4	.0032	.0009	.0013	.0011	.0151	.4352	1.236
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0221	<.0000	3.962	.0053	<.0000	.0160	<.0000
SDev	.0006	.0013	.061	.0073	.0056	.0108	.0693
%RSD	2.603	20.75	1.533	138.6	46.75	67.60	1571.
#1	.0226	<.0000	4.012	.0145	<.0000	.0323	.0109
#2	.0220	<.0000	4.015	<.0000	<.0000	.0106	.0871
#3	.0226	<.0000	3.896	.0078	<.0000	.0106	<.0000
#4	.0214	<.0000	3.924	<.0000	<.0000	.0106	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.6221	<.0000	<.0000	<.0000			
SDev	.0437	.0186	.0010	.0006			
%RSD	7.022	903.3	203.9	15.60			
#1	.6116	<.0000	<.0000	<.0000			
#2	.6651	<.0000	.0010	<.0000			
#3	.5656	<.0000	<.0000	<.0000			
#4	.6460	.0207	<.0000	<.0000			

Analysis Report

10/29/01 03:25:25 PM

page 1

Method: IECW Sample Name: 25156

Operator: it

Run Time: 10/29/01 15:23:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1138	.0135	.0261	<.0000	22.93
SDev	.0015	.0043	.0170	.0011	.0006	.0000	.05
%RSD	45.03	30.71	14.96	8.479	2.308	66.67	.2377
#1	<.0000	<.0000	.1217	.0143	.0256	<.0000	22.91
#2	<.0000	<.0000	.1317	.0143	.0269	<.0000	23.01
#3	<.0000	<.0000	.0922	.0119	.0256	<.0000	22.93
#4	<.0000	<.0000	.1094	.0138	.0262	<.0000	22.89
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0013	<.0000	.0626	1.018	7.688
SDev	.0011	.0014	.0007	.0013	.0026	.282	.029
%RSD	171.7	65.31	56.39	73.66	4.222	27.69	.3760
#1	<.0000	<.0000	.0019	<.0000	.0655	.9637	7.646
#2	<.0000	<.0000	.0006	<.0000	.0629	.6839	7.711
#3	.0005	<.0000	.0019	<.0000	.0629	1.368	7.697
#4	<.0000	<.0000	.0006	<.0000	.0591	1.057	7.697
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0842	<.0000	27.55	.0073	<.0000	<.0000	.0497
SDev	.0003	.0034	.19	.0039	.0084	.0223	.0504
%RSD	.4132	87.45	.6963	53.09	28.88	574.3	101.3
#1	.0845	<.0000	27.33	.0129	<.0000	.0205	.0230
#2	.0839	<.0000	27.79	.0062	<.0000	<.0000	.0993
#3	.0839	<.0000	27.49	.0040	<.0000	<.0000	.0840
#4	.0845	<.0000	27.60	.0062	<.0000	.0096	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.794	.0530	<.0000	<.0000			
SDev	.146	.0591	.0011	.0009			
%RSD	8.156	111.4	81.25	17.56			
#1	1.921	.1356	<.0000	<.0000			
#2	1.852	.0103	<.0000	<.0000			
#3	1.818	.0103	.0001	<.0000			
#4	1.584	.0558	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25259
 Run Time: 10/29/01 15:25:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0159	.0041	.0149	<.0000	5.640
SDev	.0018	.0130	.0240	.0019	.0003	.0001	.038
%RSD	50.84	88.21	151.0	45.95	2.089	127.7	.6654
#1	<.0000	<.0000	<.0000	.0060	.0148	<.0000	5.623
#2	<.0000	.0002	.0274	.0036	.0154	<.0000	5.695
#3	<.0000	<.0000	.0349	.0017	.0148	<.0000	5.631
#4	<.0000	<.0000	.0204	.0051	.0148	<.0000	5.611
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0209	.0000	1.241
SDev	.0008	.0016	.0017	.0016	.0022	.4227	.021
%RSD	118.4	54.41	204.0	87.51	10.57	155.4	1.723
#1	<.0000	<.0000	<.0000	<.0000	.0203	<.0000	1.218
#2	<.0000	<.0000	.0005	.0004	.0241	.1865	1.270
#3	.0003	<.0000	.0005	<.0000	.0190	<.0000	1.241
#4	<.0000	<.0000	<.0000	<.0000	.0203	<.0000	1.236
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0229	<.0000	7.239	.0059	<.0000	<.0000	.0337
SDev	.0003	.0040	.056	.0023	.0081	.0306	.0578
%RSD	1.511	45.88	.7765	39.48	119.2	278.6	171.1
#1	.0226	<.0000	7.204	.0056	<.0000	.0107	<.0000
#2	.0232	<.0000	7.261	.0056	.0017	<.0000	.0261
#3	.0232	<.0000	7.183	.0033	<.0000	.0106	<.0000
#4	.0226	<.0000	7.307	.0089	<.0000	<.0000	.1177
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.9266	<.0000	<.0000	<.0000			
SDev	.1982	.0573	.0012	.0003			
%RSD	21.39	158.2	66.43	5.444			
#1	1.014	.0207	<.0000	<.0000			
#2	1.136	<.0000	<.0000	<.0000			
#3	.8835	<.0000	<.0000	<.0000			
#4	.6728	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25260

Operator: it

Run Time: 10/29/01 15:27:43

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0013	.0139	.0383	.0051	.0152	<.0000	5.776
SDev	.0011	.0077	.0251	.0016	.0003	.0000	.014
%RSD	85.13	55.60	65.65	31.06	2.073	.0000	.2499
#1	.0006	.0164	.0297	.0070	.0154	<.0000	5.759
#2	.0010	.0155	.0346	.0031	.0154	<.0000	5.794
#3	.0029	.0209	.0739	.0051	.0154	<.0000	5.774
#4	.0006	.0029	.0151	.0051	.0148	<.0000	5.778
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	.0021	.0017	.0014	.0202	.7850	1.275
SDev	.0005	.0020	.0010	.0007	.0015	.2359	.014
%RSD	110.4	97.81	62.69	48.87	7.317	30.05	1.073
#1	.0003	.0000	.0021	.0011	.0215	.5907	1.281
#2	<.0000	.0009	.0013	.0011	.0190	.7772	1.290
#3	.0008	.0046	.0029	.0025	.0190	1.119	1.270
#4	.0008	.0028	.0005	.0011	.0215	.6528	1.258
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0242	<.0000	7.451	.0053	.0206	<.0000	.0832
SDev	.0006	.0069	.046	.0029	.0227	.0185	.0519
%RSD	2.376	167.5	.6191	55.71	110.4	134.3	62.35
#1	.0238	<.0000	7.478	.0067	<.0000	<.0000	.0870
#2	.0244	<.0000	7.487	.0078	.0085	<.0000	.1023
#3	.0238	.0039	7.385	.0056	.0429	<.0000	.1327
#4	.0250	<.0000	7.454	.0011	.0361	.0106	.0108
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.598	<.0000	.0010	<.0000			
SDev	.239	.0313	.0013	.0011			
%RSD	14.99	293.2	131.3	30.96			
#1	1.347	<.0000	<.0000	<.0000			
#2	1.454	.0092	.0016	<.0000			
#3	1.722	.0206	.0022	<.0000			
#4	1.868	<.0000	.0010	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25261
 Run Time: 10/29/01 15:29:46
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0031	.0272	.0560	.0049	.0154	.0000	5.829
SDev	.0009	.0033	.0202	.0023	.0000	.0001	.015
%RSD	30.64	12.10	36.09	47.30	.0109	115.5	.2617

#1	.0029	.0254	.0443	.0036	.0154	.0001	5.820
#2	.0042	.0236	.0493	.0027	.0154	<.0000	5.813
#3	.0033	.0290	.0443	.0080	.0154	.0001	5.839
#4	.0019	.0308	.0861	.0056	.0154	<.0000	5.845

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0020	.0036	.0089	.0190	1.096	1.271
SDev	.0016	.0012	.0011	.0003	.0030	.167	.009
%RSD	376.5	61.36	29.66	3.904	15.60	15.26	.7433

#1	.0008	.0024	.0037	.0087	.0164	1.057	1.264
#2	<.0000	.0034	.0021	.0087	.0215	1.119	1.270
#3	.0008	.0014	.0045	.0087	.0215	1.306	1.264
#4	<.0000	.0006	.0041	.0094	.0164	.9015	1.284

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0197	<.0000	7.521	.0089	.0214	.0160	.0832
SDev	.0003	.0022	.054	.0048	.0071	.0063	.0504
%RSD	1.522	62.03	.7234	53.27	33.09	39.23	60.58

#1	.0196	<.0000	7.546	.0067	.0120	.0214	.0870
#2	.0196	<.0000	7.441	.0134	.0223	.0214	.0107
#3	.0196	<.0000	7.561	.0123	.0291	.0105	.1175
#4	.0202	<.0000	7.536	.0033	.0223	.0105	.1175

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.166	.0035	.0019	<.0000
SDev	.223	.0301	.0015	.0008
%RSD	19.10	852.8	79.97	26.49

#1	1.401	<.0000	.0016	<.0000
#2	1.309	.0206	.0016	<.0000
#3	1.010	<.0000	.0039	<.0000
#4	.9447	.0320	.0004	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25262
 Run Time: 10/29/01 15:31:50
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0018	.0182	.0333	.0048	.0157	<.0000	6.103
SDev	.0011	.0060	.0214	.0005	.0004	.0000	.016
%RSD	61.97	32.96	64.31	9.996	2.316	.0000	.2668

#1	.0033	.0263	.0295	.0050	.0154	<.0000	6.086
#2	.0015	.0136	.0543	.0050	.0160	<.0000	6.117
#3	.0006	.0136	.0050	.0041	.0154	<.0000	6.092
#4	.0019	.0191	.0443	.0050	.0160	<.0000	6.117

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0014	.0019	.0549	.0311	1.104	1.316
SDev	.0008	.0009	.0005	.0007	.0017	.229	.022
%RSD	195.5	69.14	26.38	1.214	5.327	20.76	1.648

#1	<.0000	.0017	.0020	.0541	.0330	1.119	1.287
#2	.0003	.0006	.0012	.0554	.0304	1.119	1.333
#3	<.0000	.0006	.0020	.0547	.0292	.8083	1.313
#4	<.0000	.0025	.0024	.0554	.0317	1.368	1.333

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0298	<.0000	7.026	.0100	.0042	.0079	<.0000
SDev	.0000	.0040	.045	.0049	.0076	.0223	.0835
%RSD	.0040	96.61	.6335	48.25	179.6	284.2	422.2

#1	.0298	<.0000	6.970	.0100	.0120	.0105	.1022
#2	.0298	<.0000	7.019	.0033	.0088	<.0000	<.0000
#3	.0298	<.0000	7.076	.0145	<.0000	.0106	<.0000
#4	.0298	<.0000	7.039	.0123	.0017	.0322	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.197	<.0000	.0014	<.0000
SDev	.082	.0512	.0007	.0006
%RSD	6.834	231.0	52.63	237.6

#1	1.144	<.0000	.0016	.0000
#2	1.128	.0546	.0022	.0000
#3	1.209	<.0000	.0004	<.0000
#4	1.308	<.0000	.0016	.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25263

Operator: it

Run Time: 10/29/01 15:33:49

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0022 ✓	.0188 ✓	.1667	.0162	.0299 ✓	.0000 ✓	23.99 ✓
SDev	.0011	.0027	.0136	.0010	.0005	.0000	.05
%RSD	50.95	14.39	8.146	6.121	1.712	200.0	.2050
#1	.0026	.0210	.1531	.0161	.0299	<.0000	23.99
#2	.0035	.0174	.1581	.0175	.0306	<.0000	24.03
#3	.0021	.0210	.1728	.0161	.0299	.0001	24.02
#4	.0008	.0156	.1827	.0151	.0293	<.0000	23.92
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	.0011 ✓	.0045 ✓	.0191 ✓	.0916 ✓	2.347	7.961 ✓
SDev	.0028	.0022	.0018	.0004	.0022	.276	.031
%RSD	8346.	204.1	40.26	2.108	2.427	11.77	.3873
#1	<.0000	.0011	.0041	.0194	.0948	2.083	7.951
#2	.0028	.0013	.0057	.0194	.0909	2.300	7.954
#3	<.0000	.0035	.0061	.0187	.0896	2.736	8.006
#4	.0009	<.0000	.0021	.0187	.0909	2.269	7.934
Elem	Mn2576 ✓	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1106 ✓	<.0000 ✓	28.53	.0137	.0077	.0122	.0266
SDev	.0010	.0029	.13	.0032	.0081	.0223	.0260
%RSD	.9390	56.35	.4395	23.51	105.19	182.8	97.94
#1	.1097	<.0000	28.71	.0185	.0085	.0095	.0933
#2	.1115	<.0000	28.51	.0129	.0189	.0420	.0228
#3	.1115	<.0000	28.42	.0117	.0016	.0095	.0380
#4	.1097	<.0000	28.48	.0117	.0017	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	2.261	.0582	.0015 ✓	<.0000 ✓			
SDev	.091	.0459	.0008	.0004			
%RSD	4.014	78.82	49.39	23.18			
#1	2.196	.0098	.0018	<.0000			
#2	2.189	.1122	.0024	<.0000			
#3	2.273	.0780	.0012	<.0000			
#4	2.384	.0326	.0007	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25375

Operator: it

Run Time: 10/29/01 15:36:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0024	.0209	.0308	.0043	.0152	.0000	5.809
SDev	.0017	.0092	.0221	.0011	.0003	.0000	.024
%RSD	70.66	44.15	71.63	26.47	2.071	200.0	.4051
#1	.0024	.0236	.0098	.0036	.0154	<.0000	5.791
#2	.0001	.0074	.0298	.0031	.0148	<.0000	5.808
#3	.0042	.0281	.0221	.0051	.0154	<.0000	5.843
#4	.0029	.0245	.0615	.0055	.0154	.0001	5.795
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0014	.0024	.0031	.0019	.0234	1.057	1.307
SDev	.0021	.0015	.0004	.0015	.0027	.546	.018
%RSD	151.8	65.01	13.21	79.32	11.39	51.67	1.348
#1	.0032	.0012	.0029	.0025	.0266	.8704	1.310
#2	<.0000	.0020	.0029	<.0000	.0241	.4041	1.284
#3	.0032	.0046	.0028	.0032	.0202	1.275	1.327
#4	<.0000	.0017	.0037	.0025	.0228	1.679	1.307
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0239	<.0000	4.085	.0075	<.0000	<.0000	<.0000
SDev	.0003	.0047	.039	.0029	.0127	.0197	.0534
%RSD	1.260	100.9	.9445	39.16	362.2	7247.	639.8
#1	.0238	<.0000	4.117	.0100	.0016	<.0000	<.0000
#2	.0244	<.0000	4.059	.0033	<.0000	<.0000	<.0000
#3	.0238	<.0000	4.120	.0078	.0119	.0214	.0107
#4	.0238	<.0000	4.046	.0089	<.0000	.0105	.0565
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9714	<.0000	.0023	<.0000			
SDev	.2234	.0583	.0011	.0008			
%RSD	23.00	542.7	48.62	26.49			
#1	1.224	<.0000	.0016	<.0000			
#2	.6957	.0661	.0016	<.0000			
#3	1.052	<.0000	.0039	<.0000			
#4	.9140	<.0000	.0022	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25376

Operator: it

Run Time: 10/29/01 15:38:35

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0024	.0187	.0690	.0045	.0156	.0000	5.754
SDev	.0007	.0047	.0248	.0007	.0003	.0000	.018
%RSD	30.83	25.43	35.95	16.16	2.026	200.0	.3157
#1	.0033	.0227	.0936	.0051	.0160	.0001	5.772
#2	.0015	.0191	.0764	.0041	.0154	<.0000	5.766
#3	.0024	.0209	.0715	.0036	.0154	<.0000	5.746
#4	.0024	.0119	.0346	.0051	.0154	<.0000	5.732
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0014	.0015	.0017	.0018	.0202	.9093	1.283
SDev	.0010	.0018	.0014	.0000	.0010	.1352	.013
%RSD	71.94	119.4	84.35	.0215	5.165	14.87	.9885
#1	.0008	.0034	.0037	.0018	.0190	1.026	1.287
#2	.0022	.0012	.0013	.0018	.0202	.9326	1.276
#3	.0022	.0021	.0013	.0018	.0202	.9637	1.270
#4	.0003	<.0000	.0004	.0018	.0215	.7150	1.299
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0217	<.0000	4.051	.0092	.0120	<.0000	<.0000
SDev	.0006	.0057	.028	.0028	.0198	.0271	.0597
%RSD	2.772	70.59	.7027	30.46	165.7	140.9	1326.
#1	.0226	<.0000	4.039	.0078	.0360	<.0000	.0260
#2	.0214	<.0000	4.085	.0078	.0085	.0106	.0565
#3	.0214	<.0000	4.018	.0134	.0154	<.0000	<.0000
#4	.0214	<.0000	4.061	.0078	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8106	<.0000	.0017	<.0000			
SDev	.0473	.0409	.0010	.0010			
%RSD	5.838	147.3	59.02	27.01			
#1	.8681	<.0000	.0022	<.0000			
#2	.7532	.0320	.0016	<.0000			
#3	.8183	<.0000	.0027	<.0000			
#4	.8029	<.0000	.0004	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 10/29/01 15:44:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280 ✓	Al3082 ✓	As1936	B12496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	.5040 ✓	.9819 ✓	.0424	.9886	1.001 ✓	.9944 ✓	.9965 ✓
SDev	.0008	.0088	.0312	.0082	.006	.0021	.0041
%RSD	.1644	.8970	73.56	.8333	.5522	.2057	.4116
#1	.5035	.9948	.0226	.9823	.9974	.9945	1.000
#2	.5030	.9758	.0819	.9900	1.001	.9918	.9918
#3	.5049	.9767	.0524	.9823	.9968	.9947	.9993
#4	.5044	.9803	.0129	.9997	1.009	.9968	.9943
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avge	.9849 ✓	.9921 ✓	.9707 ✓	.9904 ✓	.9933 ✓	.0235	.9675 ✓
SDev	.0066	.0037	.0025	.0043	.0050	.3992	.0095
%RSD	.6713	.3710	.2575	.4397	.5088	1696.	.9794
#1	.9879	.9940	.9722	.9858	.9949	.4788	.9783
#2	.9827	.9884	.9685	.9900	.9949	.0706	.9697
#3	.9769	.9963	.9685	.9893	.9860	.0392	.9668
#4	.9922	.9897	.9734	.9963	.9975	<.0000	.9553
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	.9907 ✓	.9957 ✓	1.002 ✓	1.001 ✓	.9739	.9436	.0103
SDev	.0020	.0057	.018	.005	.0199	.0445	.0631
%RSD	.2063	.5752	1.764	.4929	2.043	4.720	615.1
#1	.9905	.9882	1.007	1.007	.9704	.8868	<.0000
#2	.9887	.9951	1.024	1.003	.9498	.9734	<.0000
#3	.9899	.9974	.9831	.9955	.9981	.9842	.0485
#4	.9935	1.002	.9933	.9989	.9774	.9301	.0791
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avge	.7657	1.049	.9853 ✓	1.016 ✓			
SDev	.3133	.067	.0024	.003			
%RSD	40.91	6.421	.2469	.3353			
#1	1.136	1.009	.9845	1.021			
#2	.7767	1.145	.9822	1.013			
#3	.7811	1.043	.9875	1.015			
#4	.3694	.9974	.9869	1.015			

Analysis Report

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Method: IECW Sample Name: cb

Operator: it

Run Time: 10/29/01 15:47:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	.0008 ✓	.0095 ✓	.0294	.0014	.0006 ✓	.0005 ✓	.0024 ✓
SDev	.0006	.0053	.0408	.0014	.0005	.0002	.0005
%RSD	80.82	55.27	138.6	98.56	81.77	35.48	22.20
#1	.0003	.0036	.0689	.0014	.0013	.0008	.0028
#2	.0017	.0163	.0170	.0010	.0006	.0006	.0019
#3	.0008	.0081	<.0000	.0034	<.0000	.0004	.0021
#4	.0003	.0099	.0540	<.0000	.0006	.0004	.0030
Elem	Cd2288	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790
Avge	.0019	.0023 ✓	.0006 ✓	.0021 ✓	.0006 ✓	.0235	.0136
SDev	.0011	.0006	.0017	.0006	.0046	.2075	.0118
%RSD	55.44	25.22	276.4	27.22	717.2	881.3	86.81
#1	.0030	.0030	.0001	.0028	.0070	<.0000	.0036
#2	.0016	.0024	.0021	.0021	.0006	.3218	.0208
#3	.0006	.0016	<.0000	.0014	<.0000	<.0000	.0036
#4	.0025	.0021	.0017	.0021	<.0000	.0078	.0265
Elem	Mn2576 ✓	Mo2020	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	.0004 ✓	.0246	.0187 ✓	<.0000 ✓	.0026	.0514	.0038
SDev	.0005	.0022	.0088	.0043	.0211	.0312	.0895
%RSD	109.1	8.912	47.17	251.9	826.4	60.80	2364.
#1	.0010	.0275	.0064	<.0000	.0017	.0460	.0535
#2	.0004	.0252	.0251	<.0000	.0017	.0368	.0994
#3	.0005	.0229	.0183	.0011	<.0000	.0135	<.0000
#4	<.0000	.0229	.0251	.0011	.0293	.0893	<.0000
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avge	<.0000	<.0000	.0013 ✓	.0004 ✓			
SDev	.1082	.0409	.0010	.0012			
%RSD	123.5	110.5	75.92	296.5			
#1	<.0000	<.0000	.0015	<.0000			
#2	<.0000	<.0000	.0027	.0008			
#3	<.0000	<.0000	.0009	.0019			
#4	.0339	.0227	.0003	<.0000			