

10/26/01 IT

9:53 AM

BIK

25605

26084

5STD

25663

25932

} Hardware

IPC+CB

25664

933

CFB+LRB

25665

IPC+CB

25457

IPC+CB

25458 spk

CFB+LRB

25459

25732 + Lab Dup + spk

460

25733

461 + Lab Dup

734

462

736

463

735

495

737

496

738

497

IPC+CB

didn't include

IPC+CB

25934 + Dup

25599 + Lab Dup + spk

935

25600

936

601

937

602

26081

603

82

604

83

} Hardware

QC Reviewed by:
10/26/01

Standardization Rpt.

10/26/01 09:53:21 AM

page 1

Method: IECW Standard: STD1-Blank
 Run Time: 10/26/01 09:51:39

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.112	3.250	.6380	.2690	.1180	.1685	3.336
SDev	.003	.025	.0200	.0050	.0000	.0010	.015
%RSD	.2937	.7840	3.135	1.871	.0000	.5935	.4497

#1	1.116	3.256	.6400	.2640	.1180	.1680	3.344
#2	1.108	3.212	.6640	.2680	.1180	.1680	3.316
#3	1.112	3.268	.6320	.2760	.1180	.1700	3.350
#4	1.112	3.262	.6160	.2680	.1180	.1680	3.332

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2565	2.366	.8565	1.005	.1405	4.553	1.134
SDev	.0066	.035	.0087	.007	.0047	.016	.007
%RSD	2.576	1.464	1.016	.6578	3.364	.3487	.6277

#1	.2580	2.320	.8580	1.012	.1440	4.562	1.134
#2	.2640	2.368	.8480	.9980	.1340	4.532	1.128
#3	.2480	2.404	.8680	1.000	.1400	4.568	1.144
#4	.2560	2.372	.8520	1.008	.1440	4.550	1.130

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0865	.1475	1.437	.4530	.7365	.1635	.1635
SDev	.0010	.0041	.013	.0074	.0010	.0053	.0096
%RSD	1.156	2.795	.9331	1.632	.1358	3.217	5.856

#1	.0860	.1520	1.438	.4560	.7360	.1580	.1740
#2	.0860	.1420	1.422	.4480	.7360	.1680	.1600
#3	.0880	.1480	1.432	.4460	.7360	.1600	.1520
#4	.0860	.1480	1.454	.4620	.7380	.1680	.1680

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	20.15	.1450	.5810	.1680
SDev	.51	.0068	.0035	.0000
%RSD	2.538	4.711	.5962	.0000

#1	20.39	.1520	.5820	.1680
#2	19.38	.1480	.5760	.1680
#3	20.36	.1360	.5840	.1680
#4	20.46	.1440	.5820	.1680

Standardization Rpt.

10/26/01 09:57:36 AM

page 1

Method: IECW Standard: STD3

Run Time: 10/26/01 09:55:54

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	25.00	201.2	14.31	8.052	15.65	16.53	1.903
SDev	.12	1.0	.05	.053	.17	.14	.011
%RSD	.4817	.4799	.3727	.6565	1.089	.8547	.6037

#1	25.00	200.7	14.27	7.976	15.78	16.38	1.896
#2	25.16	202.7	14.39	8.088	15.81	16.71	1.920
#3	24.97	201.0	14.31	8.088	15.48	16.47	1.900
#4	24.86	200.6	14.28	8.056	15.52	16.57	1.896

Elem	Tl1908
Avge	1.860
SDev	.011
%RSD	.5824

#1	1.864
#2	1.864
#3	1.844
#4	1.868

Standardization Rpt.

10/26/01 10:00:37 AM

page 1

Method: IECW Standard: STD4

Run Time: 10/26/01 09:59:15

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	7.950	37.84	45.19	1.365	23.89
SDev	.100	.11	.12	.018	.43
%RSD	1.260	.2918	.2725	1.297	1.787
#1	7.952	37.74	45.27	1.352	24.41
#2	7.820	37.86	45.16	1.384	24.05
#3	7.964	37.98	45.32	1.348	23.63
#4	8.064	37.77	45.04	1.376	23.46

Standardization Rpt.

10/26/01 10:03:08 AM

page 1

Method: IECW Standard: STD2
Run Time: 10/26/01 10:01:46

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	30.35	81.06	38.79	130.0	28.39	12.42	7.620
SDev	.10	.22	.15	.4	.09	.06	.008
%RSD	.3313	.2696	.3784	.3069	.3232	.4616	.1072

#1	30.30	81.21	38.83	130.2	28.36	12.37	7.628
#2	30.28	80.81	38.72	129.5	28.34	12.41	7.614
#3	30.50	81.28	38.98	130.4	28.53	12.50	7.626
#4	30.32	80.95	38.64	129.9	28.34	12.40	7.612

Elem	Mn2576	Pb2203	Zn2138
Avge	29.34	5.955	32.51
SDev	.08	.027	.11
%RSD	.2566	.4468	.3535

#1	29.37	5.976	32.58
#2	29.28	5.916	32.43
#3	29.44	5.964	32.64
#4	29.29	5.964	32.40

Standardization Rpt.

10/26/01 10:05:48 AM

page 1

Method: IECW Standard: STD5

Run Time: 10/26/01 10:04:25

Elem	V_2924
Avge	31.24
SDev	.09
%RSD	.2811

#1	31.18
#2	31.16
#3	31.35
#4	31.29

Standardization Rpt.

10/26/01 10:18:49 AM

page 1

Method: IECW Standard: STD6
Run Time: 10/26/01 10:17:27

Elem	Ag3280
Avge	43.84
SDev	.08
%RSD	.1718

#1	43.83
#2	43.95
#3	43.77
#4	43.83

Analysis Report

10/26/01 10:24:54 AM

page 1

Method: IECW Sample Name: ipc(qcs)

Operator: it

Run Time: 10/26/01 10:23:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.4759 ✓	.9739 ✓	<.0000	1.025 ✓	.9904 ✓	.9615 ✓	.9900 ✓
SDev	.0020	.0066	.0276	.007	.0101	.0080	.0044
%RSD	.4202	.6725	7115.	.6491	1.019	.8371	.4471
#1	.4755	.9702	<.0000	1.030	.9870	.9606	.9927
#2	.4746	.9831	.0323	1.016	.9850	.9582	.9911
#3	.4746	.9684	.0106	1.025	.9843	.9541	.9834
#4	.4788 96%	.9739	<.0000	1.029	1.005	.9728	.9927
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avg	.9842 ✓	.9832 ✓	.9588 ✓	.9724 ✓	.9526 ✓	.9469 ✓	.9787 ✓
SDev	.0070	.0060	.0100	.0069	.0034	.3406	.0191
%RSD	.7106	.6136	1.048	.7150	.3524	35.98	1.951
#1	.9927	.9839	.9561	.9710	.9561	1.182	.9957
#2	.9755	.9829	.9574	.9681	.9491	1.131	.9895
#3	.9844	.9756	.9489	.9681	.9505	1.029	.9525
#4	.9844	.9903	.9728	.9827	.9547	.4448 89%	.9772
Elem	Mn2576	Mo2020	Na5889 ✓	Ni2316 ✓	Pb2203 ✓	Sb2068 ✓	Se1960 ✓
Avg	.9773 ✓	1.005 ✓	1.048 ✓	.9665 ✓	.9704 ✓	.9310 ✓	<.0000 ✓
SDev	.0077	.009	.024	.0180	.0145	.0345	.0756
%RSD	.7852	.8727	2.310	1.857	1.490	3.700	433.6
#1	.9787	1.013	1.063	.9469	.9503	.9801	<.0000
#2	.9725	.9975	1.021	.9706	.9809	.9223	.0824
#3	.9705	.9975	1.073	.9594	.9695	.9224	<.0000
#4	.9875	1.013	1.035	.9892	.9810	.8993	<.0000
Elem	Si2881 ✓	Tl1908 ✓	V_2924 ✓	Zn2138 ✓			
Avg	<.0000 ✓	1.042 ✓	.9736 ✓	.9830 ✓			
SDev	1.423	.050	.0054	.0069			
%RSD	25.17	4.756	.5537	.7023			
#1	<.0000	1.077	.9739	.9775			
#2	<.0000	1.019	.9700	.9824			
#3	<.0000	.9840	.9693	.9793			
#4	<.0000	1.089	.9811	.9929			

Analysis Report

10/26/01 10:27:25 AM

page 1

Method: IECW Sample Name: cb
 Run Time: 10/26/01 10:25:41
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0023 ✓	.0002 ✓	.0003 ✓	<.0000 ✓
SDev	.0018	.0091	.0471	.0016	.0003	.0001	.0048
%RSD	40.81	29.63	92.58	68.83	196.1	41.99	55.67
#1	<.0000	<.0000	<.0000	.0040	.0000	.0004	<.0000
#2	<.0000	<.0000	<.0000	.0019	.0007	.0004	<.0000
#3	<.0000	<.0000	<.0000	.0030	.0000	.0002	<.0000
#4	<.0000	<.0000	<.0000	.0003	.0000	.0002	<.0000
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓
SDev	.0008	.0019	.0016	.0050	.0042	.3976	.0176
%RSD	72.66	62.77	67.99	22.14	14.54	446.9	63.53
#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	.4448	<.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
Avge	<.0000 ✓	.0108 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓
SDev	.0004	.0046	.0083	.0010	.0167	.0000	.0891
%RSD	77.60	42.82	138.9	32.81	51.27	.1409	307.5
#1	<.0000	.0133	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0158	<.0000	<.0000	<.0000	<.0000	.0875
#3	<.0000	.0083	.0025	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0057	<.0000	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓			
SDev	1.431	.0203	.0003	.0005			
%RSD	15.07	87.17	11.77	27.30			
#1	<.0000	<.0000	<.0000	<.0000			
#2	<.0000	<.0000	<.0000	<.0000			
#3	<.0000	<.0000	<.0000	<.0000			
#4	<.0000	.0060	<.0000	<.0000			

Analysis Report

10/26/01 10:30:07 AM

page 1

Method: IECW Sample Name: lfb
 Run Time: 10/26/01 10:28:23
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0216	.2387	.1930	.2510	.2494	.0474	.0091
SDev	.0010	.0012	.0360	.0007	.0011	.0002	.0021
%RSD	4.457	.4845	18.63	.2749	.4331	.4649	23.43
#1	.0215	.2384	.1663	.2502	.2481	.0475	.0088
#2	.0206	.2375	.2019	.2518	.2494	.0471	.0062
#3	.0215	.2384	.1636	.2507	.2494	.0475	.0109
#4	.0229	.2403	.2401	.2512	.2507	.0476	.0106

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1017	.1001	.2404	.2353	.2205	.0000	<.0000
SDev	.0020	.0015	.0015	.0032	.0024	.2288	.0105
%RSD	1.971	1.548	.6367	1.376	1.108	150.0	52.34
#1	.1037	.0979	.2417	.2320	.2226	.0381	<.0000
#2	.1026	.1008	.2398	.2364	.2170	<.0000	<.0000
#3	.1016	.1000	.2385	.2335	.2212	<.0000	<.0000
#4	.0990	.1015	.2416	.2393	.2212	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2493	.1062	.0309	.2453	.2283	.2559	.1945
SDev	.0015	.0102	.0054	.0054	.0089	.0211	.0517
%RSD	.5921	9.613	17.58	2.204	3.877	8.231	26.60
#1	.2500	.0916	.0235	.2407	.2206	.2790	.1695
#2	.2493	.1068	.0306	.2494	.2206	.2674	.2195
#3	.2473	.1144	.0362	.2407	.2359	.2328	.1363
#4	.2507	.1119	.0334	.2506	.2359	.2443	.2528

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	<.0000	.2888	.0955	.2479
SDev	.3638	.0307	.0005	.0005
%RSD	4.213	10.64	.5570	.2037
#1	<.0000	.3326	.0955	.2473
#2	<.0000	.2625	.0949	.2479
#3	<.0000	.2742	.0955	.2486
#4	<.0000	.2859	.0962	.2479

Analysis Report

10/26/01 10:34:16 AM

page 1

Method: IECW Sample Name: lrb

Operator: it

Run Time: 10/26/01 10:32:32

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0031	.0000	<.0000	<.0000
SDev	.0009	.0040	.0162	.0005	.0000	.0000	.0017
%RSD	40.00	25.81	66.45	16.48	42.86	.0000	38.50
#1	<.0000	<.0000	<.0000	.0035	.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0030	.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0024	.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0035	.0000	<.0000	<.0000
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	.0004	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0018	.0015	.0015	.0024	.0042	.2746	.0111
%RSD	1355.	369.8	52.28	10.83	12.66	144.0	130.8
#1	<.0000	.0022	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0019	.0008	<.0000	<.0000	<.0000	.1144	.0062
#3	.0009	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0063	<.0000	<.0000	<.0000	.0001	<.0000
SDev	.0003	.0013	.0132	.0040	.0114	.0238	.0159
%RSD	101.0	19.96	417.9	55.70	42.72	39860.	96.37
#1	<.0000	.0057	.0081	<.0000	<.0000	.0029	.0043
#2	<.0000	.0057	.0081	<.0000	<.0000	.0029	<.0000
#3	<.0000	.0057	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0082	<.0000	<.0000	<.0000	.0260	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	<.0000	<.0000	<.0000			
SDev	.8269	.0374	.0011	.0009			
%RSD	8.309	183.6	57.89	70.91			
#1	<.0000	<.0000	<.0000	<.0000			
#2	<.0000	.0059	<.0000	.0000			
#3	<.0000	<.0000	<.0000	<.0000			
#4	<.0000	.0176	<.0000	<.0000			

Analysis Report

10/26/01 11:09:35 AM

page 1

Method: IECW Sample Name: 25457
 Run Time: 10/26/01 11:07:49
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0138	.0038	.0041	.0158	<.0000	5.731
SDev	.0009	.0057	.0169	.0017	.0003	.0001	.024
%RSD	200.1	41.32	449.3	41.64	2.086	19e6	.4205
#1	<.0000	.0060	.0073	.0053	.0153	<.0000	5.719
#2	.0008	.0170	<.0000	.0016	.0160	.0001	5.752
#3	<.0000	.0188	.0235	.0048	.0160	<.0000	5.751
#4	<.0000	.0133	.0017	.0048	.0160	<.0000	5.703
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0006	.0008	.0012	<.0000	<.0000	.7435	1.257
SDev	.0010	.0014	.0021	.0033	.0024	.2200	.013
%RSD	169.2	166.6	182.4	6.181	9.957	29.59	1.009
#1	.0008	<.0000	.0009	<.0000	<.0000	.4957	1.242
#2	.0019	.0017	.0027	<.0000	<.0000	.8261	1.254
#3	<.0000	.0020	.0027	<.0000	<.0000	1.004	1.273
#4	<.0000	.0008	<.0000	<.0000	<.0000	.6482	1.257
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0225	.0037	7.500	.0019	<.0000	.0055	<.0000
SDev	.0009	.0038	.110	.0006	.0188	.0145	.0346
%RSD	3.830	102.3	1.462	33.25	216.6	261.6	727.5
#1	.0216	.0006	7.515	.0016	<.0000	<.0000	<.0000
#2	.0236	.0081	7.342	.0016	.0067	.0257	<.0000
#3	.0223	.0005	7.561	.0028	.0067	.0026	.0035
#4	.0223	.0056	7.584	.0016	<.0000	.0027	.0369
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	<.0000	.0038	.0004	<.0000			
SDev	.218	.0405	.0006	.0007			
%RSD	8.281	1069.	142.7	101.9			
#1	<.0000	.0155	<.0000	<.0000			
#2	<.0000	<.0000	.0009	<.0000			
#3	<.0000	.0388	.0003	<.0000			
#4	<.0000	.0155	.0009	<.0000			

Analysis Report

10/26/01 11:12:05 AM

page 1

Method: IECW Sample Name: 25458

Operator: it

Run Time: 10/26/01 11:10:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0085 ✓	.0182	.0049	.0158 ✓	<.0000	5.744 ✓
SDev	.0015	.0145	.0428	.0011	.0003	.0000	.031
%RSD	169.7	171.0	235.6	22.38	2.094	.0000	.5386

#1	<.0000	<.0000	.0593	.0042	.0153	<.0000	5.748
#2	<.0000	.0050	<.0000	.0037	.0160	<.0000	5.737
#3	<.0000	.0004	.0402	.0058	.0160	<.0000	5.708
#4	.0008	.0299	.0124	.0058	.0160	<.0000	5.783

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	.0009	.0004	<.0000 -//	<.0000	.6800	1.267 ✓
SDev	.0007	.0025	.0022	.0021	.0031	.3304	.021
%RSD	86.58	274.6	584.6	4.210	12.56	48.59	1.639

#1	.0003	.0033	<.0000	<.0000	<.0000	.7753	1.260
#2	.0008	<.0000	<.0000	<.0000	<.0000	.4448	1.273
#3	.0003	<.0000	<.0000	<.0000	<.0000	.3940	1.242
#4	.0019	.0030	.0036	<.0000	<.0000	1.106	1.291

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0201 ✓	.0062	7.130 ✓	.0065	<.0000	<.0000	<.0000
SDev	.0006	.0052	.089	.0051	.0268	.0240	.0568
%RSD	3.255	83.54	1.248	77.85	147.0	776.5	1197.

#1	.0195	.0056	7.073	.0140	<.0000	.0258	<.0000
#2	.0202	.0132	7.238	.0053	<.0000	.0027	<.0000
#3	.0195	.0006	7.167	.0040	<.0000	<.0000	.0036
#4	.0209	.0056	7.043	.0028	.0143	<.0000	.0701

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.8542	.0336	.0016	.0000
%RSD	5.830	673.0	187.8	.1476

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0389	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0016	<.0000

?

Analysis Report

10/26/01 11:18:45 AM

page 1

Method: IECW Sample Name: 25458spk

Operator: it

Run Time: 10/26/01 11:17:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0240	.2676	.2471	.2604	.2623	.0480	5.632
SDev	.0009	.0088	.0252	.0039	.0011	.0001	.019
%RSD	3.731	3.291	10.20	1.505	.4301	.2608	.3302

#1	.0233	.2598	.2609	.2557	.2621	.0480	5.631
#2	.0242	.2672	.2143	.2589	.2608	.0478	5.612
#3	.0252	.2800	.2415	.2648	.2634	.0481	5.657
#4	.0233	.2635	.2718	.2621	.2627	.0480	5.629

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1027	.1038	.2445	.2047	.2186	.9723	1.233
SDev	.0014	.0003	.0027	.0029	.0035	.1106	.011
%RSD	1.329	.2580	1.094	1.408	1.615	11.37	.8984

#1	.1046	.1037	.2450	.2034	.2147	.8261	1.236
#2	.1021	.1039	.2427	.2012	.2190	1.080	1.226
#3	.1015	.1034	.2481	.2071	.2175	1.029	1.248
#4	.1026	.1040	.2423	.2071	.2232	.9532	1.223

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2703	.0991	6.953	.2537	.2377	.2297	.2354
SDev	.0015	.0029	.097	.0080	.0220	.0111	.0608
%RSD	.5607	2.951	1.395	3.136	9.253	4.811	25.82

#1	.2697	.0966	6.827	.2453	.2435	.2210	.2022
#2	.2691	.1017	6.963	.2503	.2205	.2441	.3020
#3	.2725	.0966	6.957	.2553	.2665	.2210	.1688
#4	.2697	.1017	7.063	.2640	.2205	.2326	.2688

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.2604	.0989	.2506
SDev	.3678	.0095	.0011	.0023
%RSD	2.405	3.658	1.126	.9338

#1	<.0000	.2604	.0974	.2472
#2	<.0000	.2604	.1000	.2509
#3	<.0000	.2721	.0994	.2522
#4	<.0000	.2487	.0987	.2522

Analysis Report

10/26/01 11:20:55 AM

page 1

Method: IECW Sample Name: 25459

Operator: it

Run Time: 10/26/01 11:19:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0029	.0066	.0040	.0163	.0000	6.002
SDev	.0008	.0020	.0236	.0016	.0004	.0001	.018
%RSD	38.32	69.30	355.1	40.22	2.357	100.0	.2953

#1	<.0000	.0004	.0265	.0058	.0166	.0001	6.005
#2	<.0000	.0050	<.0000	.0026	.0159	.0001	5.999
#3	<.0000	.0023	<.0000	.0026	.0166	.0001	5.980
#4	<.0000	.0041	.0264	.0048	.0159	<.0000	6.023

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	.0005	<.0000	<.0000	<.0000	2605	1.257
SDev	.0021	.0014	.0023	.0023	.0027	.1429	.021
%RSD	214.1	268.7	231.4	6.482	9.378	54.83	1.699

#1	.0034	.0008	.0009	<.0000	<.0000	.1906	1.264
#2	<.0000	.0008	<.0000	<.0000	<.0000	.2923	1.264
#3	<.0000	.0020	<.0000	<.0000	<.0000	.1144	1.227
#4	.0019	<.0000	.0009	<.0000	<.0000	.4448	1.276

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0189	.0012	7.674	.0028	<.0000	.0229	.0119
SDev	.0006	.0032	.082	.0027	.0066	.0272	.0798
%RSD	2.952	268.5	1.074	96.18	46.14	119.1	669.3

#1	.0189	.0056	7.632	.0040	<.0000	.0258	.0535
#2	.0189	<.0000	7.743	.0053	<.0000	.0604	<.0000
#3	.0182	.0006	7.744	.0028	<.0000	.0027	<.0000
#4	.0195	.0006	7.579	<.0000	<.0000	.0027	.1035

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0038	<.0000	.0025
SDev	.7511	.0565	.0010	.0003
%RSD	4.727	1487.	64.38	12.15

#1	<.0000	<.0000	<.0000	.0024
#2	<.0000	<.0000	<.0000	.0030
#3	<.0000	<.0000	<.0000	.0024
#4	<.0000	.0856	<.0000	.0024

Analysis Report

10/26/01 11:23:33 AM

page 1

Method: IECW Sample Name: 25460
 Run Time: 10/26/01 11:21:49
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	.0116 ✓	.0268	.0043	.0169 ✓	.0000 ✓	6.724 ✓
SDev	.0021	.0112	.0545	.0018	.0004	.0001	.059
%RSD	298.9	96.53	203.4	40.97	2.232	100.0	.8840
#1	<.0000	.0003	.0618	.0031	.0165	<.0000	6.662
#2	.0008	.0159	<.0000	.0031	.0172	.0001	6.739
#3	<.0000	.0049	<.0000	.0042	.0165	.0001	6.696
#4	.0013	.0251	.0834	.0068	.0172	.0001	6.800
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003 ✓	.0012 ✓	.0005 ✓	<.0000 ✓	<.0000 ✓	.6863	1.599 ✓
SDev	.0015	.0017	.0015	.0040	.0037	.2804	.026
%RSD	490.7	147.6	279.6	11.35	18.24	40.85	1.616
#1	.0003	<.0000	<.0000	<.0000	<.0000	.3432	1.590
#2	.0024	.0017	.0008	<.0000	<.0000	.6990	1.600
#3	<.0000	.0030	<.0000	<.0000	<.0000	.6736	1.572
#4	<.0000	.0011	.0025	<.0000	<.0000	1.029	1.633
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	.0281 ✓	.0050 ✓	8.574 ✓	.0033 ✓	<.0000	.0026	.0242
SDev	.0004 ✓	.0032	.127	.0054	.0225	.0249	.0250
%RSD	1.404	64.22	1.484	162.8	180.5	954.1	103.2
#1	.0277	.0005	8.762	<.0000	<.0000	<.0000	.0534
#2	.0277	.0056	8.517	.0077	<.0000	<.0000	.0034
#3	.0284	.0081	8.535	.0077	<.0000	.0372	.0034
#4	.0284	.0056	8.481	.0015	.0181	.0026	.0366
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	.0412	<.0000	.0001 ✓			
SDev	1.139	.0350	.0022	.0019			
%RSD	7.535	84.75	3280.	3587.			
#1	<.0000	.0500	<.0000	<.0000			
#2	<.0000	.0032	.0009	.0011			
#3	<.0000	.0851	<.0000	<.0000			
#4	<.0000	.0266	.0022	.0018			

Analysis Report

10/26/01 11:25:43 AM

page 1

Method: IECW Sample Name: 25461

Operator: it

Run Time: 10/26/01 11:23:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0035	.0326	.0452	.0058	.0166	.0002	6.185
SDev	.0006	.0056	.0264	.0012	.0000	.0000	.033
%RSD	16.69	17.09	58.29	21.12	.0195	.0000	.5380
#1	.0027	.0262	.0070	.0048	.0166	.0002	6.153
#2	.0036	.0298	.0507	.0069	.0166	.0002	6.215
#3	.0036	.0363	.0561	.0047	.0166	.0002	6.214
#4	.0041	.0381	.0670	.0069	.0166	.0002	6.160
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0016	.0046	.0041	<.0000	<.0000	1.201	1.278
SDev	.0010	.0010	.0024	.0016	.0027	.149	.004
%RSD	61.17	22.26	58.53	5.191	9.372	12.39	.3032
#1	.0008	.0033	.0009	<.0000	<.0000	.9787	1.273
#2	.0019	.0058	.0036	<.0000	<.0000	1.284	1.279
#3	.0008	.0048	.0054	<.0000	<.0000	1.258	1.282
#4	.0029	.0047	.0063	<.0000	<.0000	1.284	1.279
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0206	.0075	8.116	.0068	.0181	.0228	.0618
SDev	.0004	.0024	.112	.0043	.0044	.0272	.1125
%RSD	1.917	32.31	1.376	63.71	24.43	119.5	182.1
#1	.0202	.0056	8.280	.0053	.0143	.0026	<.0000
#2	.0202	.0081	8.052	.0090	.0220	.0257	.1866
#3	.0209	.0107	8.093	.0115	.0219	.0026	.1200
#4	.0209	.0056	8.040	.0015	.0143	.0603	.0035
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	<.0000	.0417	.0032	.0013			
SDev	.5606	.0452	.0006	.0006			
%RSD	4.151	108.2	20.30	45.41			
#1	<.0000	.0739	.0022	.0005			
#2	<.0000	<.0000	.0035	.0018			
#3	<.0000	.0856	.0035	.0018			
#4	<.0000	.0154	.0035	.0011			

Analysis Report

10/26/01 11:28:03 AM

page 1

Method: IECW Sample Name: 25461 Ldup
 Run Time: 10/26/01 11:26:19
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0035	.0294	.0213	.0056	.0164	.0001	6.175
SDev	.0018	.0059	.0324	.0013	.0003	.0001	.026
%RSD	51.22	20.04	151.9	22.77	2.008	46.19	.4183
#1	.0022	.0243	.0481	.0048	.0166	.0001	6.161
#2	.0055	.0335	.0507	.0047	.0166	.0002	6.213
#3	.0018	.0243	<.0000	.0053	.0159	.0001	6.159
#4	.0046	.0354	<.0000	.0074	.0166	.0002	6.164
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	.0037	.0026	<.0000	<.0000	1.029	1.280
SDev	.0010	.0016	.0012	.0028	.0018	.187	.019
%RSD	169.4	44.87	45.63	8.635	6.016	18.14	1.503
#1	<.0000	.0014	.0032	<.0000	<.0000	.7753	1.254
#2	<.0000	.0052	.0036	<.0000	<.0000	1.182	1.291
#3	.0019	.0036	.0027	<.0000	<.0000	1.004	1.276
#4	.0008	.0045	.0009	<.0000	<.0000	1.157	1.297
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0204	.0081	8.023	.0121	.0162	.0257	.0534
SDev	.0006	.0000	.158	.0059	.0170	.0188	.0235
%RSD	3.209	.0579	1.972	48.51	104.9	73.28	44.03
#1	.0209	.0081	8.072	.0115	.0066	.0257	.0535
#2	.0209	.0081	7.837	.0040	.0219	.0257	.0887
#3	.0195	.0081	8.211	.0165	.0373	.0026	.0368
#4	.0202	.0081	7.972	.0165	<.0000	.0487	.0368
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	.0213	.0024	.0008			
SDev	.7962	.0432	.0013	.0006			
%RSD	5.661	203.1	56.14	73.66			
#1	<.0000	.0389	.0022	<.0000			
#2	<.0000	.0505	.0042	.0011			
#3	<.0000	<.0000	.0009	.0011			
#4	<.0000	.0388	.0022	.0011			

Analysis Report

10/26/01 11:30:09 AM

page 1

Method: IECW Sample Name: 25462
 Run Time: 10/26/01 11:28:25
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0035 ✓	.0414 ✓	.0615 ✓	.0051	.0171 ✓	.0002 ✓	5.960 ✓
SDev	.0008	.0088	.0001	.0020	.0003	.0000	.017
%RSD	22.63	21.30	.1793	39.02	1.944	.0000	.2907
#1	.0027	.0409	.0615	.0048	.0173	.0002	5.935
#2	.0032	.0335	.0616	.0026	.0173	.0002	5.966
#3	.0046	.0538	.0613	.0074	.0173	.0002	5.963
#4	.0036	.0372	.0615	.0058	.0166	.0002	5.975
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003 ✓	.0045 ✓	.0033 ✓	<.0000	<.0000	1.347	1.314 ✓
SDev	.0010	.0008	.0016	.0028	.0007	.233	.018
%RSD	319.2	16.71	49.32	23.13	2.594	17.26	1.401
#1	.0019	.0036	.0009	<.0000	<.0000	1.106	1.297
#2	<.0000	.0048	.0045	<.0000	<.0000	1.309	1.310
#3	<.0000	.0053	.0036	<.0000	<.0000	1.665	1.310
#4	<.0000	.0042	.0041	<.0000	<.0000	1.309	1.341
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0195 ✓	.0069 ✓	7.450 ✓	.0059 ✓	.0162	.0372	.0409
SDev	.0000 ✓	.0015	.176	.0048	.0274	.0094	.0083
%RSD	.0058	21.27	2.358	81.80	169.2	25.34	20.35
#1	.0195	.0081	7.557	.0053	<.0000	.0256	.0368
#2	.0195	.0056	7.630	.0015	<.0000	.0372	.0368
#3	.0195	.0081	7.244	.0127	.0334	.0371	.0367
#4	.0195	.0056	7.370	.0040	.0449	.0487	.0534
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	.0767	.0034 ✓	.0038 ✓			
SDev	.8074	.0500	.0006	.0008			
%RSD	5.787	65.10	18.52	20.59			
#1	<.0000	.0622	.0029	.0030			
#2	<.0000	.0972	.0029	.0036			
#3	<.0000	.1323	.0042	.0049			
#4	<.0000	.0153	.0035	.0036			

Analysis Report

10/26/01 11:32:31 AM

page 1

Method: IECW Sample Name: 25463
 Run Time: 10/26/01 11:30:46
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0012 ✓	.0227 ✓	.0262	.0040	.0166 ✓	.0001	6.144 ✓
SDev	.0023	.0072	.0220	.0011	.0005	.0001	.023
%RSD	196.5	31.78	83.92	28.11	3.246	33.33	.3685
#1	.0036	.0280	.0425	.0026	.0172	.0002	6.157
#2	.0027	.0298	.0179	.0037	.0166	.0002	6.167
#3	<.0000	.0170	<.0000	.0042	.0159	.0001	6.116
#4	<.0000	.0160	.0454	.0053	.0166	.0002	6.135

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005 ✓	.0027 ✓	.0026 ✓	<.0000	<.0000	1.055	1.285 ✓
SDev	.0011	.0018	.0012	.0028	.0021	.216	.011
%RSD	252.1	66.01	45.37	9.243	6.613	20.45	.8760
#1	.0008	.0034	.0036	<.0000	<.0000	1.157	1.291
#2	<.0000	.0042	.0027	<.0000	<.0000	1.309	1.297
#3	<.0000	.0030	.0032	<.0000	<.0000	.8516	1.279
#4	.0019	.0001	.0009	<.0000	<.0000	.9024	1.273

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0160 ✓	.0037 ✓	7.639 ✓	.0084 ✓	.0191	.0344	.0493
SDev	.0003	.0038	.094	.0044	.0157	.0058	.0315
%RSD	2.145	102.4	1.226	52.10	82.44	16.76	63.96
#1	.0154	.0056	7.540	.0127	.0296	.0372	.0534
#2	.0161	.0056	7.644	.0053	.0334	.0372	.0035
#3	.0161	<.0000	7.609	.0040	<.0000	.0257	.0701
#4	.0161	.0056	7.764	.0115	.0143	.0373	.0701

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0388	.0024 ✓	.0016 ✓
SDev	.8373	.0331	.0008	.0003
%RSD	5.675	85.25	34.26	19.13
#1	<.0000	.0154	.0022	.0018
#2	<.0000	.0154	.0035	.0018
#3	<.0000	.0856	.0016	.0018
#4	<.0000	.0388	.0022	.0011

Analysis Report

10/26/01 11:35:08 AM

page 1

Method: IECW Sample Name: 25495
 Run Time: 10/26/01 11:33:24
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Requested Only

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0006 ✓	.0170 ✓	.1511	.0152	.0276 ✓	.0001 ✓	23.64 ✓
SDev	.0004	.0050	.0110	.0009	.0007	.0001	.10
%RSD	68.24	29.68	7.261	5.916	2.373	108.9	.4271
#1	.0006	.0218	.1449	.0156	.0273	.0001	23.64
#2	.0010	.0181	.1504	.0161	.0286	.0002	23.71
#3	.0001	.0099	.1424	.0140	.0273	.0001	23.49
#4	.0006	.0181	.1668	.0150	.0273	<.0000	23.70
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avg	.0003 ✓	.0025 ✓	.0035 ✓	<.0000 ✓	.0143 ✓	2.243	7.811 ✓
SDev	.0003	.0026	.0023	.0026	.0047	.192	.066
%RSD	112.3	104.6	66.45	5.761	32.55	8.549	.8487
#1	.0005	.0013	.0028	<.0000	.0136	2.173	7.799
#2	.0005	.0063	.0069	<.0000	.0136	2.529	7.870
#3	.0000	.0016	.0029	<.0000	.0094	2.123	7.722
#4	.0000	.0007	.0015	<.0000	.0206	2.148	7.851
Elem	Mn2576	Mo2020	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avg	.0756 ✓	.0090 ✓	27.35 ✓	.0089 ✓	.0239	.0160	.1086
SDev	.0009 ✓	.0044	.47 ✓	.0092	.0073	.0256	.0917
%RSD	1.133 ✓	48.81	1.701	103.1	30.66	159.6	84.44
#1	.0765	.0052	27.61	.0012	.0220	.0016	.1669
#2	.0758	.0077	27.88	.0111	.0296	.0247	.0670
#3	.0744	.0077	26.96	.0024	.0143	.0478	.2002
#4	.0758	.0153	26.96	.0210	.0296	<.0000	.0004
Elem	Si2881	Ti1908	V_2924	Zn2138 ✓			
Avg	<.0000	.1160	.0016 ✓	<.0000 ✓			
SDev	.7492	.0824	.0006	.0004			
%RSD	4.817	71.04	40.68	352.7			
#1	<.0000	.0283	.0006	<.0000			
#2	<.0000	.1919	.0019	<.0000			
#3	<.0000	.1805	.0019	.0002			
#4	<.0000	.0633	.0019	.0002			

Analysis Report

10/26/01 11:37:22 AM

page 1

Method: IECW Sample Name: 25496
 Run Time: 10/26/01 11:35:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0044	.0306	.0370	.0057	.0166	.0001	5.905
SDev	.0014	.0063	.0112	.0009	.0000	.0001	.023
%RSD	31.04	20.47	30.35	16.07	.0145	33.33	.3918
#1	.0046	.0243	.0508	.0069	.0166	.0002	5.904
#2	.0041	.0372	.0233	.0058	.0166	.0002	5.919
#3	.0027	.0262	.0371	.0053	.0166	.0001	5.873
#4	.0060	.0345	.0370	.0047	.0166	.0002	5.925
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0018	.0044	.0051	<.0000	<.0000	1.246	1.319
SDev	.0011	.0015	.0026	.0030	.0028	.118	.011
%RSD	61.04	33.36	50.89	8.713	9.570	9.499	.8098
#1	.0019	.0033	.0054	<.0000	<.0000	1.258	1.316
#2	.0003	.0055	.0063	<.0000	<.0000	1.284	1.310
#3	.0029	.0030	.0014	<.0000	<.0000	1.080	1.316
#4	.0019	.0058	.0072	<.0000	<.0000	1.360	1.334
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0247	.0081	4.305	.0068	.0258	.0372	.0617
SDev	.0004	.0065	.088	.0057	.0094	.0133	.1349
%RSD	1.601	80.36	2.055	83.42	36.36	35.85	218.4
#1	.0243	.0005	4.277	.0127	.0143	.0488	<.0000
#2	.0250	.0157	4.414	.0078	.0258	.0257	.2365
#3	.0250	.0056	4.325	.0078	.0258	.0488	.0035
#4	.0243	.0107	4.203	<.0000	.0373	.0257	.0867
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	.0037	.0039	.0002			
SDev	.7803	.0253	.0004	.0004			
%RSD	5.111	686.3	9.756	160.6			
#1	<.0000	<.0000	.0042	<.0000			
#2	<.0000	.0388	.0035	.0005			
#3	<.0000	<.0000	.0035	<.0000			
#4	<.0000	.0036	.0042	.0005			

Analysis Report

10/26/01 11:39:32 AM

page 1

Method: IECW Sample Name: 25497
 Run Time: 10/26/01 11:37:48
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0013	.0246	.0323	.0049	.0164	.0001	5.909
SDev	.0010	.0060	.0175	.0011	.0003	.0001	.036
%RSD	77.17	24.51	54.31	22.44	1.993	33.33	.6092
#1	.0013	.0289	.0179	.0037	.0166	.0002	5.913
#2	.0008	.0225	.0207	.0042	.0166	.0002	5.910
#3	.0027	.0299	.0343	.0058	.0166	.0002	5.950
#4	.0004	.0170	.0563	.0058	.0160	.0001	5.862
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	.0030	.0012	<.0000	<.0000	.8071	1.319
SDev	.0025	.0016	.0014	.0036	.0024	.1545	.016
%RSD	166.4	52.98	108.6	9.042	8.077	19.14	1.176
#1	.0024	.0028	.0009	<.0000	<.0000	.6736	1.316
#2	<.0000	.0011	.0018	<.0000	<.0000	.7499	1.304
#3	.0045	.0050	<.0000	<.0000	<.0000	1.029	1.341
#4	.0003	.0033	.0027	<.0000	<.0000	.7753	1.316
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0231	.0100	4.366	.0130	.0201	.0142	.0077
SDev	.0006	.0013	.077	.0060	.0202	.0133	.0458
%RSD	2.827	12.64	1.760	45.65	100.6	93.95	597.5
#1	.0230	.0081	4.446	.0053	<.0000	.0257	.0368
#2	.0236	.0107	4.415	.0177	.0296	.0026	<.0000
#3	.0236	.0107	4.312	.0177	.0373	.0257	.0534
#4	.0223	.0107	4.289	.0115	.0220	.0026	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	<.0000	.0021	.0010			
SDev	.8857	.0698	.0008	.0008			
%RSD	5.397	503.9	39.68	78.14			
#1	<.0000	<.0000	.0029	.0018			
#2	<.0000	<.0000	.0009	<.0000			
#3	<.0000	.0621	.0022	.0011			
#4	<.0000	.0154	.0022	.0012			

Analysis Report

10/26/01 02:21:32 PM

page 1

Method: IECW Sample Name: 25599
 Run Time: 10/26/01 14:19:45
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0001 ✓	.0075 ✓	<.0000	.0044	.0153 ✓	.0000 ✓	5.917 ✓
SDev	.0013	.0024	.0287	.0010	.0000	.0001	.018
%RSD	925.0	31.57	646.2	21.96	.0118	200.0	.2977
#1	<.0000	.0048	<.0000	.0034	.0153	<.0000	5.896
#2	.0010	.0103	.0099	.0055	.0153	.0001	5.913
#3	.0014	.0084	.0209	.0050	.0153	<.0000	5.939
#4	<.0000	.0066	<.0000	.0039	.0153	<.0000	5.921
Elem	Cd2288 ✓	Co2286	Cr2677 ✓	Cu3247 ✓ ²⁰	Fe2599 ✓	K_7664	Mg2790 ✓
Avge	.0014 ✓	.0017 ✓	.0010 ✓	.0067 ✓	.0208 ✓	.2989	1.300 ✓
SDev	.0011	.0011	.0009	.0015	.0018	.1526	.009
%RSD	84.40	61.42	90.33	22.16	8.692	51.06	.6818
#1	.0010	.0016	<.0000	.0055	.0215	.2226	1.289
#2	.0020	.0022	.0011	.0055	.0201	.4261	1.307
#3	<.0000	.0003	.0020	.0076	.0187	.4261	1.298
#4	.0025	.0028	.0011	.0084	.0229	.1208	1.307
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	.0231 ✓	.0005 ✓	7.437 ✓	.0031 ✓	.0182	.0000	.0285
SDev	.0006	.0013	.202	.0068	.0094	.0211	.0272
%RSD	2.412	233.6	2.714	218.9	51.61	143.7	95.52
#1	.0224	.0012	7.575	.0124	.0067	<.0000	.0618
#2	.0238	<.0000	7.487	.0012	.0258	<.0000	<.0000
#3	.0231	.0012	7.139	<.0000	.0143	.0084	.0285
#4	.0231	.0012	7.546	.0025	.0258	<.0000	.0285
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avge	.2496	.0620	.0006 ✓	.0013 ✓			
SDev	.0764	.0259	.0010	.0006			
%RSD	30.62	41.75	166.0	47.50			
#1	.1583	.0708	.0001	.0004			
#2	.2503	.0241	.0014	.0016			
#3	.2444	.0824	.0014	.0016			
#4	.3454	.0707	<.0000	.0016			

Analysis Report

10/26/01 02:23:47 PM

page 1

Method: IECW Sample Name: 25599 1dup

Operator: it

Run Time: 10/26/01 14:21:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0012	.0147	.0003	.0052	.0153	.0000	5.907 ✓
SDev	.0012	.0030	.0292	.0021	.0000	.0001	.014
%RSD	98.78	20.75	11410.	39.48	.0120	115.5	.2427

#1	.0014	.0177	<.0000	.0044	.0153	.0001	5.916
#2	<.0000	.0112	.0427	.0060	.0153	<.0000	5.921
#3	.0014	.0167	<.0000	.0076	.0153	<.0000	5.890
#4	.0024	.0131	<.0000	.0028	.0153	.0001	5.901

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	.0028	.0010	.0084	.0222	.6232	1.298 ✓
SDev	.0016	.0014	.0012	.0010	.0018	.1953	.019
%RSD	218.0	47.90	115.8	12.25	8.164	31.33	1.479

#1	<.0000	.0041	<.0000	.0069	.0229	.5278	1.307
#2	.0020	.0017	.0002	.0091	.0215	.4006	1.301
#3	.0020	.0039	.0021	.0084	.0243	.7313	1.270
#4	<.0000	.0016	.0020	.0091	.0201	.8331	1.313

Elem	Mn2576 ✓	Mo2020	Na5889 ✓	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0228	<.0000	7.349	.0034	.0258	<.0000	.0243
SDev	.0004	.0015	.050	.0049	.0099	.0332	.0550
%RSD	1.729	1547.	.6787	144.1	38.33	142.1	226.5

#1	.0231	<.0000	7.371	<.0000	.0296	<.0000	.0618
#2	.0224	.0012	7.368	.0075	.0220	<.0000	<.0000
#3	.0224	.0012	7.275	.0012	.0143	.0200	.0784
#4	.0231	<.0000	7.382	.0075	.0373	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4493	.0445	.0011	.0013
SDev	.0341	.0440	.0008	.0006
%RSD	7.593	99.01	78.02	47.58

#1	.4656	.0357	.0014	.0004
#2	.4597	.1057	.0008	.0016
#3	.4731	.0008	.0001	.0016
#4	.3988	.0357	.0021	.0016

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Analysis Report

10/26/01 02:36:56 PM

page 1

Method: IECW Sample Name: 25599spk
 Run Time: 10/26/01 14:35:10
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0231 ✓	.3095	.2322	.2588	.2422 ✓	.0447	5.957
SDev	.0016	.0068	.0485	.0050	.0009	.0002	.010
%RSD	7.101	2.187	20.88	1.940	.3859	.3802	.1633
#1	.0206	.3012	.1865	.2585	.2429	.0448	5.970
#2	.0239	.3067	.2794	.2660	.2422	.0447	5.956
#3	.0239	.3150	.1945	.2553	.2409	.0445	5.946
#4	.0239	.3150	.2684	.2553	.2429	.0449	5.957

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0948 ✓	.0975 ✓	.2313	.2807	.2675	.6741	1.296
SDev	.0018	.0011	.0017	.0007	.0044	.2335	.017
%RSD	1.863	1.086	.7535	.2468	1.630	34.64	1.312
#1	.0949	.0961	.2303	.2813	.2653	.3752	1.313
#2	.0923	.0972	.2325	.2805	.2724	.6041	1.276
#3	.0954	.0981	.2294	.2798	.2625	.8331	1.289
#4	.0965	.0984	.2330	.2813	.2696	.8839	1.307

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2555 ✓	.0998 ✓	7.498	.2407 ✓	.2501	.2157	.2229
SDev	.0017	.0000	.069	.0074	.0126	.0340	.1039
%RSD	.6550	.0037	.9211	3.056	5.057	15.78	46.62
#1	.2576	.0998	7.508	.2429	.2357	.1810	.1105
#2	.2542	.0998	7.401	.2304	.2472	.2042	.3271
#3	.2542	.0998	7.519	.2416	.2663	.2620	.1604
#4	.2562	.0998	7.563	.2479	.2510	.2157	.2937

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.5733	.2684	.0937 ✓	.2407 ✓
SDev	.0305	.0687	.0013	.0012
%RSD	5.314	25.60	1.333	.4862
#1	.5280	.2684	.0927	.2415
#2	.5919	.3384	.0927	.2408
#3	.5904	.2918	.0940	.2390
#4	.5829	.1750	.0953	.2415

Analysis Report

10/26/01 02:39:47 PM

page 1

Method: IECW Sample Name: 25600

Operator: it

Run Time: 10/26/01 14:38:02

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0003 ✓	.0179 ✓	.0153	.0079	.0156 ✓	.0001 ✓	5.965 ✓
SDev	.0005	.0052	.0044	.0010	.0004	.0000	.015
%RSD	183.1	28.93	28.87	12.94	2.442	.0000	.2579
#1	.0005	.0232	.0207	.0066	.0153	.0001	5.956
#2	.0005	.0167	.0153	.0087	.0159	.0001	5.956
#3	<.0000	.0112	.0099	.0087	.0153	.0001	5.962
#4	.0005	.0204	.0152	.0076	.0159	.0001	5.988
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006 ✓	.0017 ✓	.0024 ✓	<.0000 ✓	.0201 ✓	.2607	1.317
SDev	.0008	.0013	.0014	.0007	.0020	.2019	.003
%RSD	133.4	78.97	56.76	18.40	9.850	77.44	.1913
#1	<.0000	.0035	.0011	<.0000	.0201	.4006	1.317
#2	<.0000	.0016	.0020	<.0000	.0215	.1717	1.317
#3	.0015	.0003	.0020	<.0000	.0173	.0191	1.313
#4	.0010	.0013	.0043	<.0000	.0215	.4515	1.320
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0218 ✓	.0050 ✓	7.117 ✓	.0031 ✓	.0325	.0084	<.0000
SDev	.0006 ✓	.0015	.104	.0043	.0145	.0163	.0854
%RSD	2.564	29.49	1.457	137.4	44.46	194.3	491.6
#1	.0218	.0037	7.201	<.0000	.0488	.0315	.0784
#2	.0224	.0062	6.966	.0075	.0143	<.0000	<.0000
#3	.0211	.0062	7.136	.0025	.0297	<.0000	.0285
#4	.0218	.0037	7.163	.0050	.0373	.0084	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.4018	.0882	.0004 ✓	.0013 ✓			
SDev	.0563	.0606	.0008	.0006			
%RSD	14.01	68.73	197.6	47.62			
#1	.4849	.0590	.0008	.0016			
#2	.3869	.1640	.0001	.0016			
#3	.3721	.0240	<.0000	.0016			
#4	.3632	.1057	.0014	.0004			

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Analysis Report

10/26/01 02:42:15 PM

page 1

Method: IECW Sample Name: 25601
 Run Time: 10/26/01 14:40:31
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0014	.0146	.0365	.0051	.0161	.0000	6.099
SDev	.0008	.0036	.0469	.0015	.0003	.0001	.016
%RSD	53.70	24.30	128.4	30.12	2.057	115.5	.2587

#1	.0014	.0112	.0755	.0055	.0159	<.0000	6.119
#2	.0014	.0186	<.0000	.0050	.0166	.0001	6.095
#3	.0024	.0121	.0454	.0028	.0159	<.0000	6.081
#4	.0005	.0167	.0563	.0060	.0159	.0001	6.099

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0011	.0010	.0091	.0204	.2862	1.313
SDev	.0011	.0010	.0013	.0025	.0033	.1476	.010
%RSD	1732.	92.49	128.0	27.61	16.18	51.58	.7282

#1	<.0000	<.0000	.0002	.0127	.0229	.0699	1.313
#2	<.0000	.0010	.0007	.0084	.0201	.3498	1.307
#3	.0015	.0013	.0002	.0084	.0229	.3243	1.326
#4	<.0000	.0024	.0029	.0069	.0159	.4006	1.304

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Pb2068	Se1960
Avge	.0189	.0012	6.864	.0065	.0182	.0055	<.0000
SDev	.0006	.0021	.088	.0037	.0203	.0111	.0491
%RSD	3.469	176.7	1.285	56.99	111.6	200.4	1010.

#1	.0183	.0037	6.780	.0075	<.0000	.0200	<.0000
#2	.0190	.0012	6.821	.0050	.0220	<.0000	<.0000
#3	.0197	.0012	6.874	.0112	.0067	.0084	.0618
#4	.0183	<.0000	6.983	.0025	.0450	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3639	.0182	.0012	.0069
SDev	.0400	.0431	.0011	.0006
%RSD	10.99	237.0	89.75	9.008

#1	.3216	.0707	.0027	.0066
#2	.3988	<.0000	.0008	.0066
#3	.3973	.0240	.0001	.0078
#4	.3379	.0124	.0014	.0066

Analysis Report

10/26/01 02:44:25 PM

page 1

Method: IECW Sample Name: 25602
 Run Time: 10/26/01 14:42:41
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0014 ✓	.0198 ✓	.0848	.0054	.0165 ✓	.0001 ✓	6.951 ✓
SDev	.0000	.0056	.0304	.0004	.0000	.0000	.007
%RSD	.0076	28.01	35.88	8.000	.0072	.0000	.0964
#1	.0014	.0175	.0889	.0054	.0165	.0001	6.959
#2	.0014	.0276	.0477	.0059	.0165	.0001	6.952
#3	.0014	.0194	.0807	.0049	.0165	.0001	6.943
#4	.0014	.0148	.1218	.0054	.0165	.0001	6.950
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0004 ✓	.0024 ✓	.0012 ✓	.0143 ✓	.0287 ✓	.5215	1.647 ✓
SDev	.0006	.0002	.0017	.0009	.0021	.2335	.015
%RSD	136.9	7.663	141.7	6.367	7.327	44.77	.9184
#1	.0010	.0022	.0000	.0134	.0297	.3243	1.659
#2	<.0000	.0025	.0037	.0156	.0269	.8585	1.659
#3	<.0000	.0025	.0005	.0141	.0269	.4261	1.628
#4	.0010	.0022	.0005	.0141	.0311	.4769	1.640
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0233 ✓	.0037 ✓	8.293 ✓	.0021 ✓	.0239	.0000	.0824
SDev	.0006	.0000	.143	.0052	.0192	.0000	.0629
%RSD	2.809	.0961	1.728	251.2	80.21	.5071	76.31
#1	.0238	.0037	8.453	<.0000	.0450	<.0000	.1449
#2	.0238	.0037	8.109	.0074	.0296	<.0000	.0282
#3	.0224	.0037	8.274	.0036	<.0000	<.0000	.1282
#4	.0231	.0037	8.337	.0024	.0220	<.0000	.0283
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.3388	.0206	.0014 ✓	.0039 ✓			
SDev	.0257	.0641	.0011	.0008			
%RSD	7.574	311.9	76.77	19.89			
#1	.3492	.0701	.0001	.0047			
#2	.3685	.0818	.0027	.0041			
#3	.3091	<.0000	.0014	.0028			
#4	.3284	<.0000	.0014	.0041			

Analysis Report

10/26/01 02:46:36 PM

page 1

Method: IECW Sample Name: 25603
 Run Time: 10/26/01 14:44:52
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0007	.0155	.0257	.0080	.0172	.0000	8.281
SDev	.0009	.0032	.0161	.0011	.0003	.0001	.029
%RSD	130.6	20.57	62.45	13.39	1.935	115.5	.3485

#1	.0014	.0146	.0203	.0085	.0170	<.0000	8.257
#2	<.0000	.0201	.0475	.0064	.0170	.0001	8.314
#3	.0005	.0127	.0093	.0085	.0170	.0001	8.296
#4	.0014	.0146	.0257	.0085	.0177	<.0000	8.257

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	.0013	.0007	.0049	.0288	.4706	2.060
SDev	.0012	.0008	.0007	.0007	.0035	.1145	.013
%RSD	781.8	66.53	103.1	14.24	12.26	24.32	.6472

#1	<.0000	.0002	.0007	.0047	.0295	.3752	2.054
#2	.0015	.0014	<.0000	.0054	.0295	.4006	2.079
#3	<.0000	.0013	.0007	.0054	.0239	.4769	2.060
#4	.0009	.0022	.0016	.0040	.0323	.6296	2.048

Elem	Mn2576	Mo2020	Na5889	Ni2316	Rb2203	Sb2068	Se1960
Avge	.0226	.0043	9.980	.0057	.0229	<.0000	<.0000
SDev	.0003	.0038	.186	.0053	.0037	.0299	.0583
%RSD	1.517	88.65	1.862	93.18	15.97	201.3	5515.

#1	.0224	.0062	9.749	.0123	.0258	.0199	.0614
#2	.0224	.0011	10.15	<.0000	.0258	<.0000	.0281
#3	.0231	.0087	9.912	.0073	.0220	<.0000	<.0000
#4	.0224	.0011	10.11	.0035	.0182	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3150	.0607	.0009	.0025
SDev	.0155	.0361	.0010	.0004
%RSD	4.935	59.50	111.2	14.32

#1	.3351	.0928	.0001	.0022
#2	.3187	.0111	.0020	.0022
#3	.2994	.0578	.0014	.0028
#4	.3069	.0812	.0001	.0028

Analysis Report

10/26/01 02:49:16 PM

page 1

Method: IECW Sample Name: 25604

Operator: it

Run Time: 10/26/01 14:47:31

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0012	.0314	.0445	.0050	.0169	.0001	6.031
SDev	.0012	.0039	.0266	.0007	.0004	.0000	.020
%RSD	98.95	12.43	59.79	13.24	2.269	.0000	.3343

#1	<.0000	.0305	.0205	.0049	.0166	.0001	6.051
#2	.0024	.0370	.0259	.0060	.0173	.0001	6.011
#3	.0014	.0305	.0780	.0049	.0173	.0001	6.016
#4	.0014	.0278	.0534	.0044	.0166	.0001	6.045

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	.0021	.0024	.0060	.0551	.5914	1.286
SDev	.0017	.0014	.0010	.0004	.0026	.0763	.011
%RSD	174.1	65.91	41.94	6.032	4.642	12.90	.8316

#1	.0010	.0017	.0020	.0062	.0565	.5278	1.295
#2	.0031	.0035	.0029	.0062	.0580	.6804	1.276
#3	.0010	.0030	.0011	.0062	.0537	.6296	1.276
#4	<.0000	.0003	.0034	.0055	.0523	.5278	1.295

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0527	.0018	7.045	.0019	.0267	<.0000	<.0000
SDev	.0014	.0024	.154	.0066	.0196	.0198	.0885
%RSD	2.675	135.3	2.190	356.7	73.48	6313.	11310.

#1	.0525	<.0000	7.234	.0100	.0526	<.0000	.1283
#2	.0546	.0037	6.997	.0025	.0181	<.0000	<.0000
#3	.0525	.0037	7.084	<.0000	.0066	.0199	<.0000
#4	.0512	.0012	6.866	.0012	.0296	.0084	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2753	.0707	.0022	.0053
SDev	.0147	.0547	.0010	.0010
%RSD	5.350	77.45	44.19	19.00

#1	.2608	.0590	.0027	.0041
#2	.2682	.0940	.0007	.0066
#3	.2949	.1290	.0027	.0053
#4	.2771	.0007	.0027	.0053

Removed
Cd result

Analysis Report

10/26/01 02:51:45 PM

page 1

Method: IECW Sample Name: 25605
 Run Time: 10/26/01 14:50:00
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0027	.0195	.0563	.0063	.0161	.0001	6.067
SDev	.0007	.0044	.0479	.0005	.0003	.0001	.016
%RSD	25.90	22.51	85.12	8.442	2.046	66.67	.2599

#1	.0024	.0167	.0782	.0066	.0159	<.0000	6.068
#2	.0019	.0186	.0973	.0055	.0166	.0001	6.088
#3	.0033	.0259	<.0000	.0066	.0159	.0001	6.050
#4	.0033	.0167	.0618	.0066	.0159	.0001	6.062

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0020	.0032	.0030	.0073	.0159	.6423	1.315
SDev	.0021	.0009	.0008	.0007	.0023	.2280	.016
%RSD	103.2	26.71	25.31	9.955	14.43	35.50	1.189

#1	.0051	.0022	.0038	.0084	.0159	.5024	1.320
#2	.0010	.0041	.0034	.0069	.0131	.4006	1.323
#3	.0010	.0038	.0029	.0069	.0187	.7822	1.292
#4	.0010	.0028	.0020	.0069	.0159	.8839	1.326

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0199	.0031	7.541	.0065	.0210	.0287	1.0368
SDev	.0003	.0067	.147	.0047	.0218	.0273	.1166
%RSD	1.718	217.1	1.947	72.13	103.5	95.41	317.1

#1	.0197	<.0000	7.575	.0025	<.0000	.0084	<.0000
#2	.0204	.0037	7.696	.0099	.0066	.0316	.0951
#3	.0197	.0088	7.549	.0112	.0335	.0084	<.0000
#4	.0197	.0062	7.343	.0025	.0450	.0663	.1617

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4793	.0590	.0029	.0028
SDev	.0382	.0426	.0003	.0005
%RSD	7.976	72.19	11.36	17.75

#1	.4730	.0357	.0027	.0028
#2	.5205	.0824	.0027	.0035
#3	.4939	.1057	.0034	.0022
#4	.4300	.0123	.0027	.0028

Analysis Report

10/26/01 02:54:02 PM

page 1

Method: IECW Sample Name: 25663
 Run Time: 10/26/01 14:52:18
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0011	.0121	.1696	.0148	.0279	.0001	23.98
SDev	.0013	.0055	.0417	.0013	.0000	.0001	.05
%RSD	116.5	45.39	24.60	8.494	.0224	66.67	.2282
#1	.0021	.0160	.2188	.0158	.0279	.0001	23.93
#2	<.0000	.0041	.1560	.0147	.0279	<.0000	24.05
#3	.0011	.0133	.1833	.0157	.0279	.0001	24.00
#4	.0021	.0151	.1203	.0131	.0279	.0001	23.94
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	.0021	.0043	<.0000	.0607	1.704	7.875
SDev	.0013	.0006	.0019	.0007	.0033	.287	.037
%RSD	114.6	30.21	43.93	16.40	5.498	16.86	.4751
#1	.0017	.0013	.0066	<.0000	.0572	1.774	7.849
#2	.0006	.0021	.0025	<.0000	.0586	1.367	7.929
#3	<.0000	.0021	.0030	<.0000	.0642	1.622	7.868
#4	.0027	.0029	.0048	<.0000	.0628	2.054	7.852
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0864	.0045	27.31	.0002	.0115	<.0000	.0753
SDev	.0009	.0064	.39	.0052	.0123	.0198	.0577
%RSD	.9932	140.2	1.418	2477.	107.0	1541.	76.63
#1	.0855	.0033	27.56	<.0000	.0220	.0190	.1253
#2	.0876	<.0000	27.54	.0058	<.0000	<.0000	.1253
#3	.0862	.0134	26.74	<.0000	.0028	.0074	.0253
#4	.0862	.0033	27.40	.0021	.0220	<.0000	.0253
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	.5782	.0864	.0016	.0013			
SDev	.0526	.0321	.0012	.0000			
%RSD	9.096	37.18	77.72	.0764			
#1	.6421	.0485	.0024	.0013			
#2	.5365	.0718	<.0000	.0013			
#3	.5337	.1185	.0024	.0013			
#4	.6005	.1069	.0018	.0013			

Analysis Report

10/26/01 02:56:09 PM

page 1

Method: IECW Sample Name: 25664
 Run Time: 10/26/01 14:54:24
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0026	.0216	.0514	.0040	.0153	.0001 ^{L2}	5.969
SDev	.0014	.0027	.0478	.0015	.0000	.0000	.025
%RSD	54.09	12.74	93.00	38.04	.0155	.0000	.4264

#1	.0014	.0223	.0808	.0049	.0153	.0001	5.994
#2	.0042	.0241	.0562	.0049	.0153	.0001	5.988
#3	.0033	.0223	.0863	.0018	.0153	.0001	5.943
#4	.0014	.0177	<.0000	.0044	.0153	.0001	5.953

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	.0037 ^{L2}	.0024	<.0000	.0243	.5596	1.326
SDev	.0011	.0016	.0010	.0000	.0020	.1163	.005
%RSD	127.0	44.12	42.19	.1904	8.142	20.79	.3803

#1	.0020	.0041	.0020	<.0000	.0257	.4261	1.326
#2	.0010	.0046	.0034	<.0000	.0257	.6804	1.326
#3	<.0000	.0013	.0029	<.0000	.0243	.6296	1.332
#4	.0010	.0047	.0011	<.0000	.0215	.5024	1.320

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0264	.0012 ^{L2}	4.295	.0084	.0421	<.0000	.0534
SDev	.0003	.0051	.051	.0040	.0079	.0457	.0739
%RSD	1.297	434.5	1.196	47.56	18.76	385.4	138.3

#1	.0259	.0088	4.246	.0112	.0488	<.0000	.0284
#2	.0265	<.0000	4.303	.0050	.0373	.0547	.0284
#3	.0265	<.0000	4.363	.0050	.0488	<.0000	<.0000
#4	.0265	<.0000	4.267	.0124	.0335	<.0000	.1617

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3004	.0357	.0025 ^{L2}	.0024
SDev	.0183	.0381	.0011	.0006
%RSD	6.084	106.8	43.78	24.87

#1	.2741	.0357	.0040	.0028
#2	.3023	.0823	.0021	.0016
#3	.3141	.0357	.0014	.0028
#4	.3112	<.0000	.0027	.0022

Analysis Report

10/26/01 02:58:26 PM

page 1

Method: IECW Sample Name: 25665
 Run Time: 10/26/01 14:56:42
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0014	.0133	.0283	.0051	.0154	.0001	5.981
SDev	.0004	.0049	.0396	.0021	.0003	.0001	.026
%RSD	26.83	36.89	139.8	40.36	2.143	66.67	.4389
#1	.0014	.0131	.0181	.0028	.0153	.0001	5.949
#2	.0019	.0130	<.0000	.0065	.0159	.0001	5.975
#3	.0014	.0195	.0535	.0071	.0153	<.0000	5.988
#4	.0010	.0075	.0646	.0039	.0153	.0001	6.012
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	.0029	.0016	.0009	.0222	.4070	1.333
SDev	.0014	.0012	.0012	.0004	.0033	.0914	.021
%RSD	2134.	42.25	74.29	38.61	15.02	22.46	1.586
#1	.0015	.0028	.0020	.0011	.0201	.4769	1.307
#2	<.0000	.0044	.0029	.0011	.0271	.4261	1.341
#3	.0010	.0028	.0011	.0011	.0215	.4515	1.326
#4	<.0000	.0014	.0002	.0004	.0201	.2734	1.357
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0265	.0005	4.231	<.0000	.0230	.0142	.0451
SDev	.0000	.0024	.026	.0067	.0183	.0149	.0192
%RSD	.0053	451.0	.6035	30650.	79.91	105.1	42.61
#1	.0265	<.0000	4.233	.0075	.0143	.0084	.0285
#2	.0265	.0012	4.260	<.0000.	.0028	.0316	.0618
#3	.0265	.0037	4.233	<.0000	.0450	.0200	.0618
#4	.0265	<.0000	4.198	.0012	.0297	<.0000	.0285
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.2154	.0503	.0016	.0027			
SDev	.0334	.0419	.0008	.0006			
%RSD	15.51	83.39	52.33	22.03			
#1	.2355	<.0000	.0008	.0035			
#2	.2503	.0823	.0027	.0022			
#3	.1984	.0707	.0014	.0028			
#4	.1775	.0590	.0014	.0022			

Analysis Report

10/26/01 03:13:53 PM

page 1

Method: IECW Sample Name: 25732

Operator: it

Run Time: 10/26/01 15:11:44

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0068	.0050	.0153	<.0000	6.101 ✓
SDev	.0012	.0037	.0221	.0014	.0005	.0001	.022
%RSD	32.03	27.22	326.2	28.21	3.531	200.0	.3601
#1	<.0000	<.0000	<.0000	.0069	.0159	<.0000	6.124
#2	<.0000	<.0000	.0328	.0043	.0153	<.0000	6.073
#3	<.0000	<.0000	<.0000	.0048	.0153	<.0000	6.111
#4	<.0000	<.0000	.0164	.0038	.0146	<.0000	6.096
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0201 ✓	<.0000	1.325 ✓
SDev	.0009	.0021	.0010	.0000	.0018	.1495	.018
%RSD	1357.	87.58	48.29	.0043	9.003	19.77	1.381
#1	<.0000	.0006	<.0000	<.0000	.0222	<.0000	1.318
#2	<.0000	<.0000	<.0000	<.0000	.0208	<.0000	1.318
#3	.0001	<.0000	<.0000	<.0000	.0194	<.0000	1.352
#4	.0011	<.0000	<.0000	<.0000	.0180	<.0000	1.312
Elem	Mn2576 ✓	Mo2020	Na5889 ✓	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0233 ✓	<.0000	7.908 ✓	<.0000	<.0000	<.0000	.0618
SDev	.0000	.0024	.097	.0072	.0077	.0164	.0886
%RSD	.0047	122.5	1.226	135.4	66.83	184.9	143.3
#1	.0233	.0012	7.795	<.0000	<.0000	.0143	.1700
#2	.0233	<.0000	7.936	.0009	<.0000	<.0000	.0535
#3	.0233	<.0000	8.024	<.0000	<.0000	<.0000	.0701
#4	.0233	<.0000	7.876	.0009	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	<.0000	<.0000 ✓	<.0000			
SDev	.0341	.0696	.0011	.0006			
%RSD	11.36	271.5	44.37	251.6			
#1	<.0000	<.0000	<.0000	.0001			
#2	<.0000	<.0000	<.0000	<.0000			
#3	<.0000	.0563	<.0000	.0001			
#4	<.0000	<.0000	<.0000	.0001			

Analysis Report

10/26/01 03:16:00 PM

page 1

Method: IECW Sample Name: 25732 1dup

Operator: it

Run Time: 10/26/01 15:14:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0314	.0051	.0156	<.0000	6.064
SDev	.0004	.0079	.0392	.0013	.0004	.0000	.022
%RSD	9.659	70.62	124.7	24.96	2.445	.0000	.3583

#1	<.0000	<.0000	<.0000	.0043	.0153	<.0000	6.053
#2	<.0000	<.0000	.0162	.0048	.0153	<.0000	6.064
#3	<.0000	<.0000	.0246	.0070	.0159	<.0000	6.045
#4	<.0000	<.0000	.0876	.0043	.0159	<.0000	6.095

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0190	<.0000	1.318
SDev	.0021	.0010	.0013	.0013	.0021	.0888	.018
%RSD	631.4	45.55	53.17	9.388	11.01	13.07	1.342

#1	<.0000	<.0000	<.0000	<.0000	.0180	<.0000	1.312
#2	.0027	<.0000	<.0000	<.0000	.0180	<.0000	1.327
#3	<.0000	<.0000	<.0000	<.0000	.0180	<.0000	1.296
#4	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.337

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0235	<.0000	7.797	.0037	<.0000	<.0000	.0368
SDev	.0003	.0044	.072	.0088	.0180	.0116	.1161
%RSD	1.458	167.8	.9234	235.8	156.6	30.66	315.2

#1	.0240	.0012	7.819	.0059	<.0000	<.0000	<.0000
#2	.0233	.0012	7.714	.0109	.0077	<.0000	.1700
#3	.0233	<.0000	7.772	<.0000	<.0000	<.0000	.0868
#4	.0233	<.0000	7.884	.0071	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0388	<.0000	<.0000
SDev	.0549	.0351	.0006	.0006
%RSD	19.53	90.50	21.74	251.8

#1	<.0000	<.0000	<.0000	.0001
#2	<.0000	.0680	<.0000	.0001
#3	<.0000	.0213	<.0000	<.0000
#4	<.0000	.0680	<.0000	.0001

Analysis Report

10/26/01 03:23:48 PM

page 1

Method: IECW Sample Name: 25732spk
 Run Time: 10/26/01 15:22:00
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0230 <i>92%</i>	.2656 <i>106</i>	.3066	.2775	.2788	.0520 <i>104</i>	5.965
SDev	.0012	.0024	.0640	.0057	.0025 <i>111</i>	.0004	.027
%RSD	5.133	.8973	20.86	2.046	.8952	.8342	.4534
#1	.0227	.2684	.3936	.2834	.2793	.0523	5.981
#2	.0227	.2629	.2429	.2754	.2780	.0518	5.956
#3	.0218	.2647	.2813	.2807	.2819	.0523	5.993
#4	.0246	.2666	.3086	.2706	.2760	.0514	5.932
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1086 <i>109</i>	.1092 <i>109</i>	.2596 ✓	.2484 ✓	.2800 <i>109</i>	<.0000	1.297
SDev	.0029	.0015	.0026	.0021	.0050	.1789	.015
%RSD	2.676	1.380	1.007	.8580	1.781	82.07	1.143
#1	.1127	.1073	.2624	.2477	.2828	<.0000	1.309
#2	.1060	.1088	.2602	.2484	.2758	<.0000	1.293
#3	.1080	.1103	.2597	.2513	.2856	<.0000	1.278
#4	.1075	.1106	.2561	.2462	.2758	<.0000	1.309
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2926 <i>100%</i>	.1056	7.701	.2716 <i>100</i>	.2608	.2365	.3602
SDev	.0028	.0032	.163	.0076	.0154	.0319	.0215
%RSD	.9537	3.021	2.122	2.787	5.900	13.50	5.969
#1	.2947	.1049	7.478	.2825	.2531	.1988	.3352
#2	.2933	.1049	7.691	.2688	.2531	.2220	.3685
#3	.2940	.1024	7.854	.2701	.2531	.2684	.3519
#4	.2885	.1100	7.782	.2651	.2838	.2568	.3851
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avge	<.0000	.2695	.1032	.2695			
SDev	.0287	.0536	.0011	.0030			
%RSD	24.02	19.88	1.080	1.098			
#1	<.0000	.2548	.1030	.2709			
#2	<.0000	.2314	.1017	.2696			
#3	<.0000	.3485	.1036	.2721			
#4	<.0000	.2431	.1043	.2653			

Analysis Report

10/26/01 03:26:38 PM

page 1

Method: IECW Sample Name: 25733

Operator: it

Run Time: 10/26/01 15:24:53

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0143	.0067	.0154	<.0000	6.016
SDev	.0007	.0072	.0167	.0017	.0003	.0000	.016
%RSD	18.28	58.74	116.4	24.76	2.137	.0000	.2600
#1	<.0000	<.0000	.0082	.0048	.0159	<.0000	6.027
#2	<.0000	<.0000	.0383	.0075	.0153	<.0000	6.032
#3	<.0000	<.0000	.0109	.0086	.0153	<.0000	6.000
#4	<.0000	<.0000	<.0000	.0059	.0153	<.0000	6.005
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0198	<.0000	1.306
SDev	.0011	.0009	.0010	.0010	.0007	.1719	.015
%RSD	71.02	31.78	42.09	6.442	3.529	37.76	1.162
#1	<.0000	<.0000	<.0000	<.0000	.0194	<.0000	1.318
#2	<.0000	<.0000	<.0000	<.0000	.0208	<.0000	1.318
#3	<.0000	<.0000	<.0000	<.0000	.0194	<.0000	1.287
#4	<.0000	<.0000	<.0000	<.0000	.0194	<.0000	1.300
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0219	.0037	7.551	.0009	<.0000	<.0000	.0285
SDev	.0006	.0021	.143	.0018	.0212	.0150	.0419
%RSD	2.546	55.54	1.898	191.7	116.1	486.8	146.8
#1	.0226	.0037	7.631	<.0000	<.0000	.0027	.0369
#2	.0212	.0063	7.697	.0009	<.0000	.0143	.0701
#3	.0219	.0012	7.373	<.0000	.0116	<.0000	<.0000
#4	.0219	.0037	7.504	.0034	<.0000	<.0000	.0368
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	.0154	<.0000	.0001			
SDev	.0256	.0454	.0003	.0000			
%RSD	6.298	294.9	11.52	1.038			
#1	<.0000	<.0000	<.0000	.0001			
#2	<.0000	<.0000	<.0000	.0001			
#3	<.0000	.0681	<.0000	.0001			
#4	<.0000	.0330	<.0000	.0001			

Analysis Report

10/26/01 03:36:33 PM

page 1

Method: IECW Sample Name: 25734
 Run Time: 10/26/01 15:34:49
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0347	.0040	.0161	<.0000	6.256
SDev	.0008	.0058	.0301	.0013	.0003	.0000	.023
%RSD	25.26	186.4	86.83	33.35	2.051	.0000	.3707

#1	<.0000	<.0000	.0656	.0043	.0159	<.0000	6.278
#2	<.0000	.0034	.0463	.0053	.0166	<.0000	6.270
#3	<.0000	<.0000	<.0000	.0022	.0159	<.0000	6.226
#4	<.0000	<.0000	.0328	.0043	.0159	<.0000	6.250

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0176	<.0000	1.352
SDev	.0007	.0010	.0009	.0016	.0013	.2829	.004
%RSD	161.1	36.68	43.05	36.23	7.618	91.92	.3237

#1	.0006	<.0000	<.0000	<.0000	.0166	<.0000	1.349
#2	<.0000	<.0000	<.0000	<.0000	.0180	.0898	1.358
#3	<.0000	<.0000	<.0000	<.0000	.0194	<.0000	1.352
#4	<.0000	<.0000	<.0000	<.0000	.0166	<.0000	1.349

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0187	<.0000	7.219	.0006	<.0000	<.0000	.0493
SDev	.0006	.0029	.056	.0054	.0031	.0164	.0250
%RSD	3.502	75.24	.7766	908.5	27.08	184.0	50.69

#1	.0192	<.0000	7.194	.0059	<.0000	<.0000	.0368
#2	.0192	<.0000	7.282	.0046	<.0000	.0143	.0368
#3	.0185	<.0000	7.154	<.0000	<.0000	<.0000	.0368
#4	.0178	<.0000	7.245	<.0000	<.0000	<.0000	.0868

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0065	<.0000	.0045
SDev	.0456	.0260	.0013	.0009
%RSD	13.08	398.4	73.68	20.41

#1	<.0000	<.0000	<.0000	.0032
#2	<.0000	<.0000	<.0000	.0050
#3	<.0000	<.0000	<.0000	.0050
#4	<.0000	.0446	<.0000	.0050

Analysis Report

10/26/01 03:45:02 PM

page 1

Method: IECW Sample Name: 25735

Operator: it

Run Time: 10/26/01 15:43:18

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0269	.0058	.0173	<.0000	7.405
SDev	.0003	.0081	.0252	.0011	.0003	.0000	.015
%RSD	8.252	231.9	93.67	19.96	1.912	.0000	.2025

#1	<.0000	<.0000	.0571	.0058	.0178	<.0000	7.412
#2	<.0000	.0023	.0378	.0047	.0171	<.0000	7.397
#3	<.0000	<.0000	.0024	.0074	.0171	<.0000	7.422
#4	<.0000	.0032	.0104	.0052	.0171	<.0000	7.388

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	<.0000	<.0000	<.0000	.0395	<.0000	1.755
SDev	.0017	.0017	.0017	.0019	.0024	.1636	.011
%RSD	992.4	70.29	66.63	55.34	6.144	51.02	.6113

#1	<.0000	<.0000	<.0000	<.0000	.0402	<.0000	1.751
#2	.0021	<.0000	<.0000	<.0000	.0416	<.0000	1.770
#3	.0000	<.0000	<.0000	<.0000	.0402	<.0000	1.745
#4	.0006	<.0000	<.0000	<.0000	.0360	<.0000	1.751

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sr2068	Se1960
Avge	.0330	<.0000	9.103	.0027	<.0000	<.0000	<.0000
SDev	.0009	.0021	.186	.0062	.0176	.0335	.0831
%RSD	2.607	52.72	2.041	232.8	166.3	226.7	903.8

#1	.0328	<.0000	9.375	.0058	.0116	<.0000	.0033
#2	.0328	<.0000	9.068	.0058	<.0000	<.0000	.0366
#3	.0342	<.0000	8.983	.0058	<.0000	.0258	<.0000
#4	.0322	<.0000	8.986	<.0000	<.0000	<.0000	.0532

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0498	<.0000	.0019
SDev	.0474	.0295	.0005	.0015
%RSD	10.62	59.22	38.25	79.99

#1	<.0000	.0908	<.0000	.0013
#2	<.0000	.0439	<.0000	.0031
#3	<.0000	.0205	<.0000	.0031
#4	<.0000	.0439	<.0000	.0000

Analysis Report

10/26/01 03:38:53 PM

page 1

Method: IECW Sample Name: 25736

Operator: it

Run Time: 10/26/01 15:37:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1511	.0132	.0279	<.0000	21.31
SDev	.0010	.0100	.0145	.0006	.0004	.0001	.08
%RSD	27.05	103.6	9.617	4.637	1.341	200.0	.3712

#1	<.0000	<.0000	.1718	.0126	.0276	<.0000	21.24
#2	<.0000	<.0000	.1498	.0126	.0276	<.0000	21.23
#3	<.0000	.0021	.1440	.0137	.0282	<.0000	21.38
#4	<.0000	<.0000	.1387	.0137	.0282	<.0000	21.36

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0031	.0777	.6861	6.817
SDev	.0016	.0021	.0017	.0012	.0021	.2249	.029
%RSD	226.3	54.65	207.4	40.17	2.715	32.79	.4314

#1	<.0000	<.0000	<.0000	.0025	.0795	.4488	6.803
#2	<.0000	<.0000	.0004	.0018	.0767	.5514	6.803
#3	.0008	<.0000	<.0000	.0033	.0753	.8079	6.862
#4	.0003	<.0000	.0004	.0047	.0795	.9361	6.803

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0844	<.0000	25.26	.0008	<.0000	<.0000	1049
SDev	.0011	.0021	.36	.0053	.0161	.0134	.0613
%RSD	1.323	120.9	1.428	670.6	336.6	137.5	58.45

#1	.0830	<.0000	24.97	<.0000	<.0000	.0019	.1008
#2	.0858	<.0000	24.94	<.0000	.0116	.0019	.1008
#3	.0844	<.0000	25.58	.0045	<.0000	<.0000	.1839
#4	.0844	.0008	25.57	.0058	.0000	<.0000	.0342

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0387	<.0000	.0018
SDev	.0461	.0584	.0008	.0006
%RSD	42.17	151.0	43.12	32.99

#1	<.0000	.0479	<.0000	.0016
#2	<.0000	<.0000	<.0000	.0023
#3	<.0000	.0708	<.0000	.0023
#4	<.0000	.0826	<.0000	.0010

Analysis Report

10/26/01 03:47:19 PM

page 1

Method: IECW Sample Name: 25737
 Run Time: 10/26/01 15:45:35
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0711	.0068	.0161	<.0000	6.083
SDev	.0008	.0046	.0257	.0012	.0003	.0000	.023
%RSD	29.91	212.4	36.10	17.29	2.043	.0000	.3751

#1	<.0000	<.0000	.0986	.0064	.0159	<.0000	6.073
#2	<.0000	.0006	.0409	.0064	.0159	<.0000	6.075
#3	<.0000	.0015	.0847	.0086	.0166	<.0000	6.118
#4	<.0000	<.0000	.0601	.0059	.0159	<.0000	6.069

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0096	.0169	<.0000	1.298
SDev	.0007	.0017	.0006	.0009	.0007	.0913	.014
%RSD	346.0	69.95	73.28	9.467	4.159	54.75	1.058

#1	<.0000	<.0000	<.0000	.0094	.0166	<.0000	1.312
#2	.0006	<.0000	<.0000	.0087	.0166	<.0000	1.306
#3	.0001	<.0000	<.0000	.0094	.0166	<.0000	1.293
#4	<.0000	<.0000	<.0000	.0109	.0180	<.0000	1.281

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0207	<.0000	7.012	.0043	.0000	.0027	.0202
SDev	.0003	.0033	.128	.0012	.0092	.0095	.0430
%RSD	1.647	125.0	1.829	27.43	158.9	351.0	212.9

#1	.0206	.0012	7.113	.0047	<.0000	.0027	.0368
#2	.0212	<.0000	6.888	.0034	<.0000	.0143	.0701
#3	.0206	<.0000	7.132	.0059	<.0000	.0027	.0035
#4	.0206	<.0000	6.915	.0034	.0077	<.0000	.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0095	<.0000	.0022
SDev	.0186	.0135	.0005	.0008
%RSD	4.953	141.7	26.37	35.83

#1	<.0000	<.0000	<.0000	.0032
#2	<.0000	.0212	<.0000	.0013
#3	<.0000	.0213	<.0000	.0025
#4	<.0000	<.0000	<.0000	.0019

Analysis Report

10/26/01 03:49:26 PM

page 1

Method: IECW Sample Name: 25738
 Run Time: 10/26/01 15:47:42
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 ✓	.0204	.0050	.0159 ✓	<.0000 ✓	6.210 ✓
SDev	.0009	.0042	.0314	.0011	.0000	.0000	.010
%RSD	30.95	84.97	154.2	22.08	.0057	.0000	.1651

#1	<.0000	<.0000	.0163	.0048	.0159	<.0000	6.218
#2	<.0000	<.0000	<.0000	.0048	.0159	<.0000	6.219
#3	<.0000	<.0000	.0636	.0064	.0159	<.0000	6.198
#4	<.0000	.0006	.0053	.0038	.0159	<.0000	6.205

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002 ✓	<.0000 ✓	<.0000 ✓	.0828	.0190 ✓	<.0000	1.279 ✓
SDev	.0006	.0019	.0013	.0556	.0018	.0982	.014
%RSD	332.6	77.23	43.77	67.18	9.251	26.41	1.073

#1	<.0000	<.0000	<.0000	.1630	.0166	<.0000	1.275
#2	.0001	<.0000	<.0000	.0768	.0194	<.0000	1.287
#3	.0001	<.0000	<.0000	.0507	.0208	<.0000	1.293
#4	.0011	<.0000	<.0000	.0406	.0194	<.0000	1.262

Elem	Mn2576 ✓	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0230 ✓	<.0000 ✓	7.653	.0034	<.0000	<.0000	.0660
SDev	.0004	.0036	.073	.0034	.0127	.0067	.0643
%RSD	1.720	92.34	.9591	98.79	147.0	45.59	97.44

#1	.0226	<.0000	7.639	.0047	.0077	<.0000	.1034
#2	.0233	.0012	7.557	.0047	<.0000	<.0000	<.0000
#3	.0226	<.0000	7.689	<.0000	<.0000	<.0000	.1034
#4	.0233	<.0000	7.727	.0059	<.0000	<.0000	.0868

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0242	<.0000	.0022
SDev	.0419	.0432	.0011	.0008
%RSD	9.423	178.4	51.10	35.84

#1	<.0000	<.0000	<.0000	.0025
#2	<.0000	.0213	<.0000	.0013
#3	<.0000	.0212	<.0000	.0032
#4	<.0000	.0799	<.0000	.0019