

~~11/09/01 cont'd~~

$$26885 \quad 40 \times 50 = 2000$$

$$886 \quad \frac{22.32 \times 50}{.833} = 1339.7$$

LCV + CCB

11/13/01 ST 9:17 AM
BIK

STD

IPC + CB

LFB + LRB

26131 + Lab Dup + s/k

26132

26133

26163

26164 } COK

26165 } AEN + s/k

26202

26203

26204

26205

IPC + CB

26206 + Lab Dup + s/k

26207

26208

26251

26252

26253

26315

26316

26318

26317*

IPC + CB

LFB + LRB

LFB Mo only

26319 + Lab Dup + s/k

26320

26321

26335

26336

26337

26386

26387

26388

26389

IPC + CB

26390 + Lab Dup + s/k

26391

26392

26393

26394

26433

26434

11/14/01 cont'd

26470

26471

26472

~~26473~~

IPC+CB

11/14/01 FT

12:29 PM

Bik

SSTD

ICV+ICB

x.12 Bik

$$\text{Sph } \frac{3.84 \times 50}{1006} = 1908.5 \quad 99.7$$

$$\text{Dup } \frac{3.922 \times 50}{1061} = 1848.2 \quad 96.6\%$$

φ + sph

$$26602 \quad 7.744 \times 50 = 387$$

$$603 \quad \frac{3.314 \times 50}{1875} = 883.7$$

$$604 \quad \frac{58.9 \times 50}{4792} = 6145.6$$

$$605 \quad 4.771 \times 50 = 238.5$$

$$606 \quad \frac{11.11 \times 50}{1.111} = 500$$

$$26607 \quad \frac{5.021 \times 50}{1.8472} = 136$$

$$608 \quad \frac{2.831 \times 50}{1.4167} = 99.9$$

$$609 \quad \frac{.5735 \times 50}{.375} = 76.6$$

$$610 \quad \frac{.932 \times 50}{.125} = 372$$

$$611 \quad .7445 \times 50 = 37.2$$

CCV+CCB

$$26612 \quad .3812 \times 50 = 19$$

$$613 \quad \frac{.2941 \times 50}{.19792} = 74.3$$

$$614 \quad \frac{.3454 \times 50}{-.03125} = 552.6$$

$$615 \quad 5.641 \times 50 = 282$$

$$616 \quad \frac{2.503 \times 50}{-.70833} = 176.7$$

$$617 \quad 1.412 \times 50 = 95.6$$

$$618 \quad \frac{.9172 \times 50}{1.625} = 12.8$$

$$619 \quad \frac{.8318 \times 50}{.4132} = 100.6$$

$$620 \quad \frac{2.294 \times 50}{1.14583} = 100$$



Standardization Rpt.

11/13/01 09:17:44 AM

page 1

Method: IECW Standard: STD1-Blank

Run Time: 11/13/01 09:16:01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.359	3.982	.7305	.3080	.1425	.1980	4.134
SDev	.005	.012	.0168	.0059	.0010	.0000	.006
%RSD	.3704	.2900	2.295	1.912	.7018	.0000	.1549

#1	1.364	3.996	.7360	.3020	.1420	.1980	4.138
#2	1.360	3.984	.7440	.3120	.1440	.1980	4.124
#3	1.360	3.968	.7360	.3040	.1420	.1980	4.136
#4	1.352	3.980	.7060	.3140	.1420	.1980	4.136

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2925	2.897	1.046	.5965	.0045	5.456	1.444
SDev	.0025	.023	.006	.0010	.0025	.013	.003
%RSD	.8604	.7922	.6119	.1676	55.92	.2450	.2262

#1	.2960	2.924	1.042	.5980	.0040	5.450	1.444
#2	.2920	2.876	1.056	.5960	.0020	5.476	1.448
#3	.2920	2.908	1.044	.5960	.0040	5.448	1.444
#4	.2900	2.880	1.044	.5960	.0080	5.450	1.440

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1010	.1790	1.862	.5070	.8780	.1960	.1770
SDev	.0011	.0035	.026	.0026	.0077	.0033	.0123
%RSD	1.143	1.935	1.387	.5093	.8724	1.666	6.935

#1	.1000	.1800	1.896	.5080	.8880	.1960	.1880
#2	.1000	.1800	1.868	.5040	.8800	.1920	.1720
#3	.1020	.1820	1.844	.5060	.8720	.2000	.1620
#4	.1020	.1740	1.840	.5100	.8720	.1960	.1860

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	3.484	.1695	.7205	.1910
SDev	.008	.0082	.0010	.0020
%RSD	.2344	4.853	.1388	1.047

#1	3.472	.1700	.7200	.1900
#2	3.486	.1800	.7220	.1900
#3	3.490	.1600	.7200	.1900
#4	3.488	.1680	.7200	.1940

Standardization Rpt.

11/13/01 09:20:47 AM

page 1

Method: IECW Standard: STD6
Run Time: 11/13/01 09:19:25



Elem	Ag3280
Avge	43.23
SDev	.05
%RSD	0.15%

#1	43.17
#2	43.29
#3	43.25
#4	43.21

Standardization Rpt.

11/13/01 09:25:43 AM

page 1

Method: IECW Standard: STD3

Run Time: 11/13/01 09:24:00

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	24.34	217.5	14.83	8.322	11.68	17.71	1.952
SDev	.11	.9	.06	.044	.05	.12	.012
%RSD	.4541	.4176	.3977	.5331	.3960	.6782	.6390

#1	24.19	216.4	14.74	8.256	11.62	17.59	1.940
#2	24.45	218.4	14.87	8.340	11.67	17.85	1.944
#3	24.38	218.1	14.87	8.352	11.73	17.78	1.966
#4	24.33	217.1	14.84	8.340	11.69	17.63	1.960

Elem	Tl1908
Avge	1.800
SDev	.046
%RSD	2.534

#1	1.812
#2	1.784
#3	1.856
#4	1.748

Standardization Rpt.

11/13/01 09:35:10 AM

page 1

Method: IECW Standard: STD4

Run Time: 11/13/01 09:33:48

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	8.332	39.22	49.00	1.421	7.930
SDev	.073	.13	.02	.022	.017
%RSD	.8721	.3200	.0369	1.565	.2154
#1	8.424	39.29	49.02	1.448	7.940
#2	8.340	39.24	49.01	1.428	7.944
#3	8.316	39.32	48.99	1.396	7.906
#4	8.248	39.04	48.99	1.412	7.928

Standardization Rpt.

11/13/01 09:38:26 AM

page 1

Method: IECW Standard: STD2

Run Time: 11/13/01 09:37:03

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	27.36	92.57	41.00	141.3	26.18	10.90	8.087
SDev	.06	.15	.10	.4	.06	.01	.016
%RSD	.2259	.1639	.2436	.2532	.2103	.1042	.1951

#1	27.33	92.73	41.15	141.6	26.14	10.90	8.106
#2	27.41	92.44	40.95	140.9	26.19	10.89	8.080
#3	27.42	92.67	40.96	141.6	26.25	10.91	8.094
#4	27.29	92.43	40.95	141.2	26.13	10.88	8.070

Elem	Mn2576	Pb2203	Zn2138
Avge	31.46	6.583	34.98
SDev	.06	.032	.10
%RSD	.1811	.4877	.3001

#1	31.54	6.614	35.10
#2	31.45	6.570	34.91
#3	31.45	6.604	35.04
#4	31.40	6.544	34.88

✓

Analysis Report

11/13/01 10:01:18 AM

page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 11/13/01 09:59:06

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	.4952	.9887	.0345	.9652	.9892	.9871	1.030
SDev	.0017	.0119	.0343	.0056	.0023	.0006	.003
%RSD	.3380	1.208	99.40	.5844	.2301	.0611	.2988

#1	.4961	.9718	<.0000	.9697	.9924	.9874	1.026
#2	.4932	.9936	.0641	.9702	.9872	.9866	1.028
#3	.4946	.9897	.0404	.9589	.9879	.9878	1.033
#4	.4970	.9996	.0482	.9619	.9894	.9866	1.032

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.005	1.009	.9783	.9609	.9962	1.061	1.013
SDev	.009	.003	.0026	.0014	.0040	.325	.012
%RSD	.8676	.2872	.2650	.1412	.4066	30.64	1.207

#1	1.012	1.011	.9762	.9605	.9941	.6725	1.020
#2	1.012	1.012	.9821	.9605	.9941	1.468	1.026
#3	1.004	1.008	.9771	.9629	.9941	1.051	.9987
#4	.9934	1.005	.9779	.9597	1.002	1.051	1.008

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9994	.9416	1.062	1.018	1.027	.9973	.0715
SDev	.0039	.0094	.010	.011	.029	.0329	.0768
%RSD	.3879	.9951	.9681	1.054	2.823	3.301	107.4

#1	.9977	.9354	1.062	1.007	1.036	.9543	.1522
#2	1.001	.9404	1.048	1.033	1.000	1.023	.0231
#3	1.004	.9552	1.072	1.016	1.064	1.023	.1199
#4	.9951	.9354	1.064	1.015	1.007	.9887	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.121	1.033	.9822	1.003
SDev	.065	.088	.0011	.004
%RSD	5.83	8.53	.113	.3832

Analysis Report

11/13/01 10:05:30 AM

page 1

Method: IECW Sample Name: cr

Operator: it

Run Time: 11/13/01 10:01:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag2280	Al2081	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	0.000	0.000	<.0000	.0000	<.0000	<.0000	<.0000
SD	.0011	.0050	.0314	.0025	.0004	.0002	.0009
%RSD	105.8	34.94	72.46	66070.	46.24	39.20	42.18
#1	.0001	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0037	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	.0004	<.0000	<.0000	<.0000	<.0000	<.0000
SD	.0010	.0022	.0008	.0009	.0032	.2951	.0165
%RSD	137.6	512.0	54.87	33.00	318.7	35.01	181.6
#1	<.0000	.0004	<.0000	<.0000	.0010	<.0000	.0046
#2	.0006	.0022	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0018	<.0000	<.0000	.0010	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0046
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	<.0000	<.0000	.0015	.0012	<.0000	.0115	.0645
SD	.0003	.0097	.0062	.0036	.0088	.0199	.0794
%RSD	40.07	104.5	399.2	310.2	334.0	172.7	123.0
#1	<.0000	.0006	.0067	.0017	<.0000	.0058	<.0000
#2	<.0000	<.0000	.0067	.0029	.0071	.0402	.1250
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0928
#4	<.0000	<.0000	<.0000	.0041	.0000	.0058	.0927
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avg	<.0000	<.0000	<.0000	<.0000			
SD	.0357	.0476	.0015	.0013			
%RSD	84.19	193.4	63.03	84.02			
#1	<.0000	<.0000	<.0000	<.0000			
#2	<.0000	.0401	<.0000	<.0000			
#3	<.0000	<.0000	<.0000	<.0000			
#4	<.0000	<.0000	<.0000	<.0000			

Analysis Report

11/13/01 10:10:11 AM

page 1

Method: IECW Sample Name: lfb
 Run Time: 11/13/01 10:06:08
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0253	.2571	.2349	.2497	.2550	.0499	.0342
SDev	.0008	.0105	.0379	.0031	.0024	.0004	.0024
%RSD	3.268	4.069	16.12	1.241	.9228	.7277	7.170
#1	.0265	.2627	.2882	.2494	.2541	.0498	.0354
#2	.0251	.2677	.2249	.2468	.2534	.0496	.0370
#3	.0251	.2439	.2278	.2484	.2541	.0498	.0318
#4	.0246	.2538	.1987	.2540	.2585	.0505	.0325
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1033	.1077	.2526	.2675	.2604	.0377	.0143
SDev	.0023	.0007	.0034	.0023	.0036	.3620	.0127
%RSD	2.215	.6332	1.346	.8738	1.371	959.2	88.85
#1	.1026	.1078	.2504	.2680	.2557	.3774	.0090
#2	.1006	.1068	.2495	.2649	.2597	.3019	.0333
#3	.1060	.1082	.2533	.2665	.2624	<.0000	.0060
#4	.1041	.1082	.2571	.2704	.2638	<.0000	.0090
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2596	.1063	.1370	.2665	.2583	.1890	.2062
SDev	.0028	.0037	.0149	.0119	.0148	.0330	.0734
%RSD	1.069	3.479	10.92	4.474	5.741	17.48	35.58
#1	.2585	.1081	.1576	.2531	.2389	.2379	.1167
#2	.2572	.1007	.1370	.2740	.2566	.1688	.2143
#3	.2591	.1081	.1308	.2601	.2636	.1689	.2957
#4	.2636	.1081	.1226	.2787	.2742	.1804	.1981
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	.2277	.2907	.0994	.2625			
SDev	.0458	.0779	.0016	.0041			
%RSD	42.05	26.81	1.571	1.560			
#1	.3493	.3704	.1015	.2625			
#2	.2458	.1864	.0977	.2602			
#3	.1216	.3214	.0990	.2590			
#4	.1941	.2845	.0996	.2682			

Analysis Report

11/13/01 10:12:33 AM

page 1

Method: IECW Sample Name: lrb
 Run Time: 11/13/01 10:10:35
 Comment:
 Mode: CDNC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0004	.0015	<.0000	<.0000	<.0000	<.0000	.0006
SDev	.0009	.0083	.0125	.0010	.0004	.0001	.0017
%RSD	252.4	560.4	54.02	255.3	99.94	100.00	300.6

#1	.0017	<.0000	<.0000	.0004	<.0000	.0000	<.0000
#2	.0002	<.0000	<.0000	.0004	<.0000	<.0000	.0012
#3	<.0000	.0025	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0124	<.0000	<.0000	<.0000	<.0000	.0026

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0002	.0005	<.0000	.0003	.0755	<.0000
SDev	.0014	.0012	.0017	.0008	.0039	.0616	.0086
%RSD	130.9	644.7	328.4	127.6	1146.	81.65	282.8

#1	<.0000	.0002	.0004	<.0000	.0034	.1510	.0091
#2	.0009	.0018	<.0000	.0004	<.0000	.0755	<.0000
#3	<.0000	<.0000	.0008	<.0000	<.0000	.0000	<.0000
#4	<.0000	<.0000	.0025	<.0000	.0034	.0755	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0002	<.0000	.0010	.0023	.0071	<.0000	.0325
SDev	.0007	.0045	.0175	.0075	.0139	.0255	.0467
%RSD	461.3	182.4	1697.	322.6	197.4	63.38	143.7

#1	.0008	<.0000	<.0000	.0064	.0026	<.0000	.0854
#2	.0008	<.0000	.0010	.0041	<.0000	<.0000	.0366
#3	<.0000	.0025	.0258	<.0000	.0026	<.0000	.0366
#4	<.0000	<.0000	<.0000	.0076	.0273	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0460	<.0000	<.0000
SDev	.0698	.0535	.0012	.0007
%RSD	49.05	116.3	95.74	231.0

#1	<.0000	.0153	<.0000	.0003
#2	<.0000	.0276	<.0000	.0003
#3	<.0000	.1258	<.0000	<.0000
#4	<.0000	.0153	.0003	<.0000

Analysis Report

11/13/01 10:27:40 AM

page 1

Method: IECW Sample Name: 26131
 Run Time: 11/13/01 10:25:55
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1930	B_2496	Ba4934	Be3130	Ca3179
Avge	.0018	.0137	<.0000	.0040	.0178	.0000	8.887
SDev	.0010	.0026	.0292	.0020	.0004	.0001	.037
%RSD	56.20	19.17	5624.	49.60	2.053	100.0	.4144
#1	.0015	.0122	<.0000	.0013	.0180	.0000	8.923
#2	.0030	.0171	.0001	.0039	.0180	.0000	8.913
#3	.0006	.0142	.0370	.0059	.0180	.0000	8.846
#4	.0020	.0112	<.0000	.0049	.0173	.0001	8.867
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0016	.0027	.0305	.0397	1.189	2.382
SDev	.0010	.0018	.0011	.0008	.0019	.109	.014
%RSD	278.9	117.9	40.47	2.457	4.813	9.164	.6059
#1	<.0000	<.0000	.0028	.0299	.0397	1.057	2.403
#2	<.0000	.0025	.0032	.0315	.0383	1.321	2.379
#3	.0007	.0037	.0011	.0299	.0383	1.170	2.373
#4	<.0000	.0003	.0037	.0307	.0424	1.208	2.373
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0360	<.0000	10.58	.0052	.0079	<.0000	.0069
SDev	.0008	.0012	.07	.0077	.0068	.0115	.0537
%RSD	2.290	13.10	.7085	148.3	85.21	26.41	777.3
#1	.0350	<.0000	10.66	.0093	.0168	<.0000	<.0000
#2	.0357	<.0000	10.60	.0058	.0026	<.0000	<.0000
#3	.0363	<.0000	10.57	.0116	.0026	<.0000	.0354
#4	.0370	<.0000	10.48	<.0000	.0097	<.0000	.0679
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8625	.0819	.0002	.0023			
SDev	.0283	.0352	.0010	.0009			
%RSD	3.284	43.02	516.9	37.56			
#1	.8935	.0727	.0002	.0019			
#2	.8573	.1095	.0002	.0013			
#3	.8263	.1095	<.0000	.0030			
#4	.8728	.0359	.0014	.0030			

Analysis Report

11/13/01 10:30:11 AM

page 1

Method: IECW Sample Name: 261311ab dup

Operator: it

Run Time: 11/13/01 10:28:27

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0032	.0174	.0047	.0059	.0175	<.0000	8.714
SDev	.0014	.0097	.0130	.0014	.0004	.0001	.021
%RSD	44.71	55.43	274.7	23.37	2.094	8412000.	.2465

#1	.0044	.0201	.0000	.0080	.0180	.0000	8.738
#2	.0015	.0033	.0056	.0049	.0173	<.0000	8.716
#3	.0044	.0211	.0211	.0054	.0173	.0000	8.716
#4	.0025	.0251	.0027	.0054	.0173	.0000	8.686

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0001	.0011	.0027	.0301	.0373	1.434	2.359
SDev	.0007	.0018	.0006	.0012	.0028	.261	.013
%RSD	569.1	158.3	22.75	3.897	7.442	18.23	.5699

#1	<.0000	.0029	.0024	.0315	.0397	1.510	2.354
#2	<.0000	<.0000	.0024	.0291	.0343	1.057	2.354
#3	.0012	.0006	.0037	.0307	.0397	1.661	2.379
#4	<.0000	.0021	.0024	.0291	.0356	1.510	2.348

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0354	<.0000	10.38	.0041	.0035	<.0000	<.0000
SDev	.0008	.0051	.04	.0051	.0248	.0188	.0278
%RSD	2.328	113.3	.3466	124.8	706.1	71.39	82.25

#1	.0363	<.0000	10.38	.0023	.0132	<.0000	.0028
#2	.0344	<.0000	10.42	<.0000	<.0000	<.0000	<.0000
#3	.0350	<.0000	10.35	.0081	.0097	<.0000	<.0000
#4	.0357	<.0000	10.35	.0081	.0238	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	.8121	.0268	.0007	.0017
SDev	.0471	.0338	.0014	.0006
%RSD	5.801	126.2	207.5	31.95

#1	.8211	<.0000	.0002	.0013
#2	.7487	.0114	<.0000	.0024
#3	.8625	.0482	.0014	.0019
#4	.8160	.0605	.0021	.0013

Analysis Report

11/13/01 10:39:25 AM

page 1

Method: IECW Sample Name: 26131spk

Operator: it

Run Time: 11/13/01 10:37:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0244	.2488	.2414	.2370	.2492	.0460	8.412
SDev	.0010	.0029	.0095	.0048	.0007	.0002	.030
%RSD	4.046	1.172	3.927	2.028	.2941	.4435	.3577
#1	.0235	.2507	.2341	.2427	.2503	.0463	8.457
#2	.0250	.2517	.2394	.2319	.2488	.0460	8.392
#3	.0235	.2468	.2552	.2345	.2488	.0459	8.400
#4	.0254	.2458	.2368	.2391	.2488	.0460	8.400
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0988	.0974	.2324	.2667	.2745	1.604	2.276
SDev	.0012	.0001	.0014	.0014	.0025	.208	.016
%RSD	1.252	.1422	.5879	.5082	.8973	12.96	.7246
#1	.0990	.0973	.2341	.2678	.2718	1.359	2.254
#2	.0990	.0975	.2324	.2655	.2732	1.510	2.294
#3	.0971	.0972	.2324	.2678	.2772	1.811	2.282
#4	.1000	.0975	.2307	.2655	.2759	1.736	2.276
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2719	.0858	9.977	.2424	.2416	.1772	.2214
SDev	.0012	.0028	.040	.0065	.0308	.0173	.0488
%RSD	.4444	3.313	.4023	2.670	12.75	9.743	22.04
#1	.2736	.0834	10.03	.2456	.2848	.1685	.1970
#2	.2717	.0834	9.938	.2467	.2178	.1685	.1970
#3	.2711	.0883	9.962	.2328	.2425	.2030	.2946
#4	.2711	.0883	9.977	.2444	.2213	.1685	.1970
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.5754	.2839	.0926	.2403			
SDev	.0230	.0636	.0005	.0007			
%RSD	3.989	22.42	.5509	.3010			
#1	.5832	.3299	.0926	.2410			
#2	.5832	.3421	.0932	.2405			
#3	.5418	.2072	.0920	.2405			
#4	.5936	.2563	.0926	.2393			

Analysis Report

11/13/01 10:43:24 AM

page 1

Method: IECW Sample Name: 26132
 Run Time: 11/13/01 10:41:39
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0024	.0134	.0023	.0009	.0147	<.0000	5.770
SDev	.0008	.0131	.0170	.0025	.0000	.0001	.018
%RSD	33.77	97.93	751.2	273.3	.0097	8412000.	.3120

#1	.0016	<.0000	<.0000	.0041	.0147	<.0000	5.773
#2	.0025	.0196	.0088	.0011	.0147	.0000	5.779
#3	.0035	.0215	<.0000	.0005	.0147	.0000	5.784
#4	.0021	.0186	.0219	<.0000	.0147	.0000	5.744

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0006	.0318	.0336	1.217	1.182
SDev	.0013	.0009	.0011	.0008	.0019	.146	.014
%RSD	424.6	209.0	172.5	2.360	5.690	11.98	1.173

#1	<.0000	.0001	.0001	.0323	.0336	1.208	1.166
#2	.0008	<.0000	.0022	.0323	.0322	1.019	1.185
#3	<.0000	.0006	<.0000	.0316	.0362	1.359	1.179
#4	.0008	<.0000	.0005	.0308	.0322	1.283	1.200

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0238	<.0000	6.220	.0108	.0026	<.0000	<.0000
SDev	.0003	.0020	.040	.0064	.0160	.0173	.0448
%RSD	1.337	26.90	.6461	59.27	607.9	42.58	108.5

#1	.0237	<.0000	6.267	.0189	<.0000	<.0000	.0035
#2	.0237	<.0000	6.236	.0084	.0167	<.0000	<.0000
#3	.0237	<.0000	6.174	.0119	.0132	<.0000	<.0000
#4	.0243	<.0000	6.203	.0038	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2268	.0409	.0003	.0025
SDev	.0213	.0441	.0010	.0008
%RSD	9.373	107.8	404.0	32.55

#1	.2023	.0501	.0003	.0031
#2	.2281	.0746	.0003	.0013
#3	.2230	.0624	.0015	.0025
#4	.2540	<.0000	<.0000	.0031

Analysis Report

11/13/01 10:45:41 AM

page 1

Method: IECW Sample Name: 26133
 Run Time: 11/13/01 10:43:57
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0035	.0193	<.0000	.0018	.0147	.0000	5.508
SDev	.0014	.0055	.0373	.0011	.0000	.0001	.018
%RSD	38.66	28.46	3391.	57.88	.0138	100.0	.3299
#1	.0025	.0127	<.0000	.0006	.0147	.0000	5.507
#2	.0025	.0176	<.0000	.0021	.0147	.0000	5.523
#3	.0035	.0216	.0167	.0016	.0147	.0000	5.483
#4	.0054	.0255	.0430	.0031	.0147	.0001	5.521
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	.0010	.0022	.0110	.0251	1.689	1.187
SDev	.0008	.0020	.0010	.0010	.0030	.420	.010
%RSD	81.25	203.7	46.25	8.935	11.91	24.84	.8693
#1	.0018	.0029	.0022	.0112	.0214	1.359	1.191
#2	.0013	<.0000	.0035	.0112	.0241	1.585	1.197
#3	<.0000	.0001	.0022	.0096	.0268	1.510	1.172
#4	.0013	.0024	.0010	.0120	.0282	2.302	1.188
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0213	<.0000	6.570	.0067	.0009	<.0000	.0197
SDev	.0003	.0047	.027	.0012	.0209	.0380	.0690
%RSD	1.501	75.51	.4116	17.40	2392.	82.13	350.6
#1	.0217	<.0000	6.599	.0084	<.0000	<.0000	<.0000
#2	.0211	<.0000	6.584	.0061	.0132	<.0000	.0847
#3	.0211	<.0000	6.562	.0061	.0026	<.0000	<.0000
#4	.0211	<.0000	6.537	.0061	.0167	<.0000	.0685
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.2281	.0194	.0003	.0005			
SDev	.0425	.0645	.0015	.0006			
%RSD	18.62	331.8	602.4	117.2			
#1	.2333	<.0000	<.0000	.0002			
#2	.1763	<.0000	.0003	.0002			
#3	.2230	.0133	.0003	.0002			
#4	.2799	.1114	.0021	.0014			

Analysis Report

11/13/01 10:51:14 AM

page 1

Method: IECW Sample Name: 26163

Operator: at

Run Time: 11/13/01 10:49:30

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.868
SD	.0013	.0039	.0465	.0014	.0000	.0000	.010
%RSD	25.17	16.14	372.8	228.0	.0080	.0000	.1694

#1	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.877
#2	<.0000	<.0000	.0277	.0000	.0139	<.0000	5.873
#3	<.0000	<.0000	.0277	<.0000	.0139	<.0000	5.854
#4	<.0000	<.0000	<.0000	.0010	.0139	<.0000	5.867

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0274	<.0000	1.274
SD	.0009	.0010	.0019	.0004	.0017	.2994	.009
%RSD	66.53	26.92	48.26	9.199	6.349	19.00	.7139

#1	<.0000	<.0000	<.0000	<.0000	.0295	<.0000	1.269
#2	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.282
#3	<.0000	<.0000	<.0000	<.0000	.0268	<.0000	1.263
#4	<.0000	<.0000	<.0000	<.0000	.0281	<.0000	1.282

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0227	<.0000	4.160	.0026	<.0000	<.0000	.0320
SD	.0004	.0012	.013	.0066	.0093	.0297	.0467
%RSD	1.624	11.70	.3036	256.7	55.71	49.06	146.1

#1	.0224	<.0000	4.161	.0061	<.0000	<.0000	.0686
#2	.0230	<.0000	4.169	.0026	<.0000	<.0000	.0686
#3	.0230	<.0000	4.142	<.0000	<.0000	<.0000	.0198
#4	.0224	<.0000	4.169	.0084	<.0000	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	<.0000	.0224	<.0000	<.0000
SD	.2479	.0184	.0015	.0009
%RSD	20.45	82.16	33.53	166.2

#1	<.0000	.0132	<.0000	.0002
#2	<.0000	.0132	<.0000	.0002
#3	<.0000	.0500	<.0000	<.0000
#4	<.0000	.0132	<.0000	<.0000

Analysis Report

11/13/01 11:14:26 AM

page 1

Method: IECW

Sample Name: 26165

Operator: it

Run Time: 11/13/01 11:12:42

Comment:

Mode: CONC Corr. Factor: 1

Time lag

Elem	Ag3280	Al3082	As1936	S_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.1470	.0411	.0114	.0288	<.0000	24.60
SDev	.0007	.0034	.0406	.0024	.0006	.0001	.04
%RSD	14.89	2.298	98.54	21.34	2.071	33.33	.1593

#1	<.0000	.1515	<.0000	.0132	.0296	<.0000	24.66
#2	<.0000	.1475	.0155	.0132	.0288	<.0000	24.59
#3	<.0000	.1455	.0629	.0111	.0288	<.0000	24.57
#4	<.0000	.1435	.0867	.0080	.0281	<.0000	24.59

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0754	<.0000	<.0000	<.0000	.2464	<.0000	8.179
SDev	.0024	.0012	.0016	.0004	.0008	.2728	.005
%RSD	3.126	41.52	154.7	19.46	.3151	93.27	.0633

#1	.0781	<.0000	<.0000	<.0000	.2470	<.0000	8.185
#2	.0732	<.0000	<.0000	<.0000	.2457	<.0000	8.173
#3	.0766	<.0000	.0014	<.0000	.2471	<.0000	8.179
#4	.0737	<.0000	<.0000	<.0000	.2457	<.0000	8.176

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0544	<.0000	27.19	.0076	<.0000	<.0000	<.0000
SDev	.0005	.0024	.05	.0085	.0064	.0304	.0904
%RSD	.9572	38.13	.1683	112.0	16.20	53.92	1940.

#1	.0550	<.0000	27.18	.0113	<.0000	<.0000	.0807
#2	.0544	<.0000	27.12	.0102	<.0000	<.0000	<.0000
#3	.0537	<.0000	27.23	<.0000	<.0000	<.0000	<.0000
#4	.0544	<.0000	27.20	.0137	<.0000	<.0000	.0645

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6875	.0446	<.0000	.0142
SDev	.0475	.0668	.0006	.0007
%RSD	6.909	149.8	13.83	4.677

#1	.7483	.1121	<.0000	.0136
#2	.6551	.0630	<.0000	.0148
#3	.6448	.0507	<.0000	.0148
#4	.7017	<.0000	<.0000	.0136

Analysis Report

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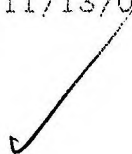
Method: IECW Sample Name: 26165spk

Operator: it

Run time: 11/13/01 11:20:51

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0155	.4068	.3064	.2666	.2815	.0499	24.42
SDev	.0002	.0105	.0293	.0035	.0011	.0002	.06
%RSD	1.547	2.574	9.553	1.302	.3899	.4394	.2596

#1	.0156	.4048	.2860	.2627	.2809	.0497	24.41
#2	.0151	.4127	.3017	.2710	.2824	.0501	24.50
#3	.0156	.3930	.2888	.2653	.2802	.0496	24.35
#4	.0156	.4167	.3491	.2674	.2824	.0500	24.41

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1796	.0985	.2436	.2570	.5031	<.0000	8.139
SDev	.0015	.0013	.0010	.0012	.0042	.3104	.013
%RSD	.8509	1.334	.4293	.4562	.8298	35.00	.1562

#1	.1784	.0977	.2434	.2565	.5034	<.0000	8.134
#2	.1818	.1003	.2426	.2580	.5088	<.0000	8.131
#3	.1794	.0974	.2434	.2557	.5007	<.0000	8.134
#4	.1789	.0988	.2451	.2580	.4994	<.0000	8.158

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3062	.0878	27.13	.2636	.2291	.1930	.2585
SDev	.0011	.0035	.08	.0153	.0153	.0288	.0703
%RSD	.3557	3.971	.2798	5.806	6.697	14.91	27.18

#1	.3051	.0903	27.17	.2790	.2141	.1556	.1934
#2	.3057	.0878	27.20	.2743	.2212	.2016	.2585
#3	.3063	.0903	27.03	.2487	.2318	.2246	.2260
#4	.3076	.0829	27.14	.2522	.2494	.1900	.3561

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9618	.3354	.0932	.2653
SDev	.0255	.0644	.0004	.0023
%RSD	2.651	19.22	.3863	.8733

#1	.9398	.2955	.0929	.2666
#2	.9864	.3200	.0935	.2654
#3	.9812	.4305	.0929	.2620
#4	.9398	.2955	.0935	.2672

Analysis Report

11/13/01 11:26:14 AM

page 1

Method: IECW Sample Name: 26202

Operator: it

Run Time: 11/13/01 11:24:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0048	<.0000	.0141	<.0000	5.880
SD	.0002	.0035	.0286	.0011	.0004	.0000	.013
%RSD	4.018	10.00	595.4	110.4	2.595	.0000	.2199

#1	<.0000	<.0000	<.0000	.0005	.0147	<.0000	5.898
#2	<.0000	<.0000	.0041	<.0000	.0139	<.0000	5.877
#3	<.0000	<.0000	.0436	<.0000	.0139	<.0000	5.868
#4	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.875

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0247	<.0000	1.266
SD	.0012	.0017	.0016	.0008	.0036	.1525	.011
%RSD	287.0	45.53	82.35	16.18	14.41	7.282	.8292

#1	<.0000	<.0000	<.0000	<.0000	.0295	<.0000	1.276
#2	<.0000	<.0000	<.0000	<.0000	.0227	<.0000	1.257
#3	<.0000	<.0000	.0001	<.0000	.0254	<.0000	1.276
#4	.0008	<.0000	<.0000	<.0000	.0214	<.0000	1.257

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0230	<.0000	7.472	.0035	<.0000	<.0000	<.0000
SD	.0005	.0045	.019	.0015	.0078	.0274	.0658
%RSD	2.263	36.33	.2480	42.31	36.97	41.33	123.2

#1	.0230	<.0000	7.497	.0014	<.0000	<.0000	.0036
#2	.0237	<.0000	7.458	.0049	<.0000	<.0000	<.0000
#3	.0230	<.0000	7.458	.0038	<.0000	<.0000	<.0000
#4	.0224	<.0000	7.474	.0038	<.0000	<.0000	.0036

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	<.0000	.0286	<.0000	<.0000
SD	.0419	.0612	.0003	.0009
%RSD	21.64	214.3	6.796	78.94

#1	<.0000	.1114	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0002
#3	<.0000	.0378	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

11/13/01 11:28:14 AM

page 1

Method: IECW Sample Name: 26203
 Run Time: 11/13/01 11:26:29
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	<.0000	.0138	<.0000	5.767
SDev	.0005	.0054	.0151	.0010	.0004	.0001	.018
%RSD	6.002	15.40	85.81	214.7	2.668	25.66	.3054
#1	<.0000	<.0000	<.0000	.0000	.0139	<.0000	5.774
#2	<.0000	<.0000	<.0000	.0000	.0132	<.0000	5.763
#3	<.0000	<.0000	<.0000	.0000	.0139	<.0000	5.787
#4	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.745
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0251	<.0000	1.225
SDev	.0015	.0007	.0009	.0008	.0020	.3507	.007
%RSD	60.43	17.04	18.29	13.93	8.052	12.64	.5488
#1	<.0000	<.0000	<.0000	<.0000	.0241	<.0000	1.227
#2	<.0000	<.0000	<.0000	<.0000	.0241	<.0000	1.215
#3	<.0000	<.0000	<.0000	<.0000	.0281	<.0000	1.230
#4	<.0000	<.0000	<.0000	<.0000	.0241	<.0000	1.227
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0213	<.0000	6.872	.0058	<.0000	<.0000	<.0000
SDev	.0008	.0031	.040	.0039	.0136	.0149	.0585
%RSD	3.773	29.46	.5826	66.27	55.19	34.33	348.8
#1	.0211	<.0000	6.881	.0014	<.0000	<.0000	.0687
#2	.0205	<.0000	6.873	.0096	<.0000	<.0000	<.0000
#3	.0224	<.0000	6.916	.0084	<.0000	<.0000	<.0000
#4	.0211	<.0000	6.819	.0038	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	<.0000	.0440	<.0000	<.0000			
SDev	.0486	.0464	.0008	.0011			
%RSD	17.50	105.6	12.78	166.9			
#1	<.0000	.1114	<.0000	<.0000			
#2	<.0000	.0379	<.0000	<.0000			
#3	<.0000	.0133	<.0000	.0002			
#4	<.0000	.0133	<.0000	.0002			

Analysis Report

11/13/01 11:30:47 AM

page 1

Method: IECW Sample Name: 26204

Operator: it

Run Time: 11/13/01 11:29:02

Comment:

Mode: COND Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	.0141	<.0000	5.906
SDev	.0016	.0092	.0269	.0009	.0004	.0000	.030
%RSD	36.92	35.83	124.2	193.2	2.611	.0000	.5052

#1	<.0000	<.0000	.0092	.0005	.0147	<.0000	5.892
#2	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.899
#3	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.883
#4	<.0000	<.0000	<.0000	.0000	.0139	<.0000	5.949

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0026	.0244	<.0000	1.241
SDev	.0019	.0016	.0005	.0006	.0017	.1726	.019
%RSD	335.8	83.92	22.78	24.59	6.921	10.22	1.564

#1	<.0000	<.0000	<.0000	.0026	.0241	<.0000	1.233
#2	.0008	<.0000	<.0000	.0026	.0227	<.0000	1.227
#3	.0008	<.0000	<.0000	.0018	.0241	<.0000	1.233
#4	<.0000	<.0000	<.0000	.0034	.0268	<.0000	1.269

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0197	<.0000	6.990	.0081	<.0000	<.0000	.0361
SDev	.0003	.0025	.029	.0020	.0154	.0199	.0266
%RSD	1.621	28.31	.4179	24.40	58.02	36.40	73.73

#1	.0192	<.0000	7.029	.0084	<.0000	<.0000	.0360
#2	.0198	<.0000	6.982	.0073	<.0000	<.0000	.0361
#3	.0198	<.0000	6.959	.0061	<.0000	<.0000	.0686
#4	.0198	<.0000	6.988	.0107	<.0000	<.0000	.0035

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0133	<.0000	.0012
SDev	.0376	.0609	.0006	.0003
%RSD	32.77	459.2	14.00	23.91

#1	<.0000	.0133	<.0000	.0014
#2	<.0000	.0624	<.0000	.0014
#3	<.0000	<.0000	<.0000	.0014
#4	<.0000	.0500	<.0000	.0008

Analysis Report

11/13/01 11:32:43 AM

page 1

Method: IECW Sample Name: 26205

Operator: it

Run Time: 11/13/01 11:30:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0110	<.0000	.0149	<.0000	6.796
SD	.0009	.0083	.0283	.0006	.0004	.0001	.021
%RSD	18.76	41.92	258.5	331.2	2.841	33.33	.5045

#1	<.0000	<.0000	.0247	.0004	.0153	<.0000	6.814
#2	<.0000	<.0000	<.0000	<.0000	.0146	<.0000	6.773
#3	<.0000	<.0000	.0170	<.0000	.0153	<.0000	6.784
#4	<.0000	<.0000	.0327	<.0000	.0146	<.0000	6.814

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0049	.0414	<.0000	1.604
SD	.0011	.0018	.0014	.0006	.0033	.3423	.008
%RSD	153.0	63.21	57.47	13.00	7.973	19.19	.4754

#1	<.0000	<.0000	<.0000	.0041	.0455	<.0000	1.603
#2	<.0000	<.0000	<.0000	.0049	.0374	<.0000	1.603
#3	<.0000	<.0000	<.0000	.0057	.0414	<.0000	1.597
#4	.0008	<.0000	<.0000	.0049	.0414	<.0000	1.615

Elem	Mn2576	Mo2020	Na5889	N12316	Pb2203	Sb2068	Se1960
Avg	.0265	<.0000	8.101	.0060	<.0000	<.0000	.0033
SD	.0004	.0037	.045	.0019	.0233	.0230	.0531
%RSD	1.390	31.33	.5505	31.68	114.9	37.95	1600.

#1	.0268	<.0000	8.115	.0037	.0097	<.0000	.0033
#2	.0262	<.0000	8.144	.0083	<.0000	<.0000	.0034
#3	.0268	<.0000	8.039	.0060	<.0000	<.0000	<.0000
#4	.0262	<.0000	8.109	.0060	<.0000	<.0000	.0684

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	<.0000	.0587	<.0000	.0002
SD	.0291	.0552	.0018	.0009
%RSD	26.35	94.12	37.07	516.7

#1	<.0000	.0126	<.0000	.0013
#2	<.0000	.1231	<.0000	.0002
#3	<.0000	.0127	<.0000	.0002
#4	<.0000	.0862	<.0000	<.0000

Analysis Report

11/13/01 11:46:51 AM

page 1

Method: IECW Sample Name: ipc
 Run Time: 11/13/01 11:45:02
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.5066	1.019	.0609	.9719	1.029	1.025	1.043
SDev	.0016	.005	.0178	.0056	.002	.002	.002
%RSD	.3119	.4570	29.27	.5790	.2361	.1687	.1946

#1	.5076	1.019	.0411	.9739	1.026	1.023	1.041
#2	.5048	1.013	.0833	.9647	1.029	1.024	1.045
#3	.5057	1.022	.0543	.9781	1.028	1.025	1.042
#4	.5081	1.022	.0648	.9709	1.031	1.027	1.044

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	1.052	1.035	1.011	1.007	1.029	.3801	1.019
SDev	.007	.004	.005	.003	.005	.0556	.006
%RSD	.6589	.3519	.5170	.2539	.5176	14.63	.5680

#1	1.053	1.034	1.018	1.003	1.031	.4079	1.020
#2	1.052	1.031	1.011	1.007	1.021	.4079	1.014
#3	1.042	1.037	1.008	1.007	1.031	.4079	1.014
#4	1.059	1.039	1.006	1.010	1.033	.2967	1.026

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	1.039	.9913	1.085	1.059	1.031	1.014	.0191
SDev	.003	.0140	.005	.013	.013	.027	.0383
%RSD	.2670	1.417	.4995	1.216	1.226	2.693	200.e

#1	1.040	.9852	1.088	1.060	1.012	.9963	.0150
#2	1.038	1.012	1.080	1.042	1.037	1.054	<.0000
#3	1.036	.9852	1.090	1.073	1.033	1.008	.0474
#4	1.043	.9827	1.080	1.060	1.041	.9963	.0474

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.8614	1.035	1.015	1.032
SDev	.0455	.031	.002	.006
%RSD	5.287	2.962	.1914	.5807

#1	.9151	1.074	1.013	1.031
#2	.8339	1.038	1.014	1.032
#3	.8817	1.001	1.014	1.026
#4	.8148	1.025	1.017	1.040

Analysis Report

11/13/01 11:52:50 AM

page 1

Method: IECW Sample Name: cb
 Run Time: 11/13/01 11:47:10
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: ii

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0160	.0010	<.0000	<.0000	<.0000
SDev	.0020	.0111	.0221	.0037	.0007	.0002	.0030
%RSD	66.62	65.14	138.2	362.9	100.2	81.65	35.05

#1	<.0000	<.0000	.0115	.0047	<.0000	.0000	<.0000
#2	<.0000	<.0000	.0245	.0006	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.0402	.0027	<.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	.0034	<.0000	<.0000
SDev	.0010	.0020	.0024	.0013	.0061	.4744	.0106
%RSD	51.55	1816.	62.13	113.9	180.0	39.36	53.85

#1	<.0000	.0007	<.0000	<.0000	.0108	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	.0041	<.0000	<.0000
#3	<.0000	.0018	<.0000	.0002	.0027	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0198	<.0000	.0012	.0158	<.0000	.0325
SDev	.0003	.0165	.0328	.0074	.0253	.0195	.0680
%RSD	49.99	83.73	108.1	635.0	159.7	344.1	209.4

#1	<.0000	.0377	<.0000	.0035	.0352	<.0000	.1014
#2	<.0000	.0253	<.0000	.0023	.0211	.0029	.0528
#3	<.0000	.0179	.0057	.0082	.0281	.0143	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0366

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0368	<.0000	<.0000
SDev	.0111	.0173	.0016	.0006
%RSD	4.922	47.12	81.39	100.1

#1	<.0000	.0368	<.0000	<.0000
#2	<.0000	.0246	<.0000	<.0000
#3	<.0000	.0245	<.0000	<.0000
#4	<.0000	.0613	<.0000	<.0000

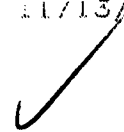
Analysis Report

11/13/01 12:33:10 PM

page 1

Method: IECW Sample Name: 26206
 Run Time: 11/13/01 12:31:25
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0521	.0065	.0257	<.0000	17.77
SD	.0013	.0047	.0544	.0023	.0000	.0001	.03
%RSD	43.16	393.1	104.4	35.90	.0138	9.820	.1958
#1	<.0000	<.0000	.0021	.0060	.0257	<.0000	17.75
#2	<.0000	<.0000	.0180	.0065	.0257	<.0000	17.80
#3	<.0000	.0030	.1231	.0039	.0257	<.0000	17.73
#4	<.0000	.0010	.0652	.0096	.0257	<.0000	17.80
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0119	.0649	<.0000	5.611
SD	.0020	.0009	.0015	.0004	.0026	.1004	.012
%RSD	106.0	60.78	108.4	3.808	3.982	45.14	.2080
#1	<.0000	<.0000	<.0000	.0115	.0683	<.0000	5.599
#2	<.0000	<.0000	<.0000	.0123	.0629	<.0000	5.624
#3	<.0000	<.0000	.0005	.0123	.0629	<.0000	5.602
#4	<.0000	<.0000	<.0000	.0115	.0656	<.0000	5.618
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0803	<.0000	20.04	.0035	.0088	<.0000	.0257
SD	.0008	.0060	.13	.0035	.0035	.0288	.0504
%RSD	.9994	15.41	.6650	98.05	40.03	189.5	196.5
#1	.0804	<.0000	20.02	.0044	.0141	.0134	.0662
#2	.0811	<.0000	20.12	.0067	.0070	<.0000	<.0000
#3	.0792	<.0000	19.85	.0044	.0070	<.0000	.0500
#4	.0804	<.0000	20.15	<.0000	.0070	<.0000	.0338
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	1.335	.0797	<.0000	.0017			
SD	.062	.0542	.0012	.0007			
%RSD	4.676	68.04	40.97	38.93			
#1	1.274	.1134	<.0000	.0011			
#2	1.289	.1379	<.0000	.0011			
#3	1.394	.0399	<.0000	.0023			
#4	1.384	.0276	<.0000	.0023			

Analysis Report

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page 1

Method: IECW Sample Name: 2620slab dup Operator: LL
 Run Time: 11/13/01 12:33:47
 Comment:
 Mode: CUNC Corr. Factor: 1

Elem	Ag3260	Al3082	As1736	S_2476	Ba4934	Be3130	Ca3179
Avge	<.0000	.0045	.0375	.0061	.0257	<.0000	17.73
SDev	.0016	.0044	.0354	.0005	.0000	.0000	.05
%RSD	80.69	97.78	94.53	8.095	.0181	.0000	.2639
#1	<.0000	.0069	.0230	.0065	.0257	<.0000	17.73
#2	<.0000	.0089	.0651	.0060	.0257	<.0000	17.71
#3	<.0000	<.0000	<.0000	.0065	.0257	<.0000	17.69
#4	<.0000	.0030	.0678	.0055	.0257	<.0000	17.80
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0115	.0666	.0927	5.611
SDev	.0009	.0021	.0013	.0011	.0037	.3988	.015
%RSD	68.08	159.0	127.8	9.630	5.576	430.2	.2652
#1	<.0000	<.0000	<.0000	.0115	.0710	.1854	5.599
#2	<.0000	<.0000	<.0000	.0107	.0629	.0371	5.624
#3	<.0000	<.0000	<.0000	.0107	.0643	<.0000	5.596
#4	<.0000	.0015	.0004	.0130	.0683	.5562	5.624
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0804	<.0000	19.88	.0100	.0202	<.0000	<.0000
SDev	.0005	.0043	.03	.0029	.0241	.0144	.0484
%RSD	.6463	11.25	.1422	29.25	119.2	116.5	446.3
#1	.0804	<.0000	19.84	.0102	.0422	<.0000	<.0000
#2	.0804	<.0000	19.90	.0137	.0070	.0019	.0499
#3	.0798	<.0000	19.87	.0091	<.0000	<.0000	.0013
#4	.0811	<.0000	19.90	.0067	.0387	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.258	.1165	<.0000	.0014			
SDev	.048	.0473	.0006	.0007			
%RSD	3.841	40.63	27.92	52.30			
#1	1.298	.1625	<.0000	.0017			
#2	1.231	.1379	<.0000	.0011			
#3	1.203	.0522	<.0000	.0006			
#4	1.298	.1134	<.0000	.0023			

Analysis Report

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page 1

Method: IECW Sample Name: 26206spk

Operator: it

Run Time: 11/13/01 12:42:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0213	.2721	.2844	.2753	.2861	.0519	17.49
SDev	.0014	.0032	.0298	.0020	.0018	.0003	.06
%RSD	6.431	1.183	10.48	.7136	.6407	.5015	.3248

#1	.0210	.2760	.2508	.2748	.2881	.0523	17.57
#2	.0224	.2721	.2903	.2769	.2859	.0519	17.48
#3	.0196	.2682	.2746	.2769	.2866	.0517	17.45
#4	.0224	.2721	.3219	.2728	.2837	.0517	17.45

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1040	.1053	.2566	.2767	.3324	1.497	5.547
SDev	.0037	.0017	.0017	.0012	.0026	.327	.019
%RSD	3.563	1.652	.6655	.4238	.7675	21.85	.3506

#1	.1076	.1053	.2581	.2780	.3307	1.323	5.560
#2	.1066	.1034	.2577	.2757	.3361	1.652	5.566
#3	.0997	.1049	.2544	.2772	.3321	1.141	5.533
#4	.1022	.1076	.2560	.2757	.3308	1.871	5.527

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3427	.0948	19.63	.2560	.2720	.2390	.2642
SDev	.0019	.0055	.11	.0037	.0234	.0271	.0960
%RSD	.5582	5.758	.5842	1.458	8.615	11.34	36.35

#1	.3437	.0917	19.76	.2528	.2711	.2361	.3008
#2	.3437	.0893	19.61	.2598	.2923	.2591	.2520
#3	.3399	.0967	19.66	.2586	.2852	.2591	.1383
#4	.3437	.1016	19.48	.2528	.2394	.2017	.3658

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.629	.3085	.1030	.2631
SDev	.029	.0410	.0004	.0017
%RSD	1.753	13.29	.3504	.6430

#1	1.649	.2529	.1033	.2654
#2	1.607	.3394	.1027	.2626
#3	1.603	.3023	.1027	.2614
#4	1.658	.3394	.1033	.2631

Analysis Report

11/13/01 12:49:34 PM

page 1

Method: IECW Sample Name: 26207
 Run Time: 11/13/01 12:47:49
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0007	.0078	.0397	.0050	.0157	<.0000	6.204
SDev	.0014	.0082	.0208	.0025	.0007	.0001	.021
%RSD	186.2	105.0	52.34	50.51	4.487	200.0	.3339

#1	.0011	.0103	.0627	.0022	.0159	<.0000	6.190
#2	<.0000	.0034	.0496	.0048	.0152	.0000	6.219
#3	<.0000	<.0000	.0313	.0084	.0167	.0000	6.182
#4	.0025	.0182	.0153	.0048	.0152	.0000	6.223

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0005	.0094	.0298	.7302	1.299
SDev	.0010	.0019	.0013	.0012	.0013	.2689	.016
%RSD	541.4	540.2	283.3	12.44	4.326	36.83	1.205

#1	<.0000	<.0000	.0001	.0100	.0281	.7393	1.277
#2	<.0000	.0016	.0013	.0100	.0294	.7028	1.310
#3	<.0000	<.0000	<.0000	.0077	.0308	.4107	1.301
#4	.0012	.0006	.0017	.0100	.0308	1.068	1.310

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0200	<.0000	6.673	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0058	.017	.0026	.0147	.0196	.0447
%RSD	2.607	62.34	.2491	54.97	239400.	167.4	508.1

#1	.0200	<.0000	6.692	<.0000	.0035	<.0000	<.0000
#2	.0193	<.0000	6.681	<.0000	.0176	<.0000	.0115
#3	.0200	<.0000	6.659	<.0000	<.0000	.0084	<.0000
#4	.0206	<.0000	6.659	<.0000	<.0000	<.0000	.0440

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7987	<.0000	<.0000	.0064
SDev	.0403	.0658	.0009	.0005
%RSD	5.047	98.06	1371.	7.360

#1	.7953	<.0000	<.0000	.0064
#2	.7812	.0009	<.0000	.0069
#3	.7626	<.0000	<.0000	.0058
#4	.8558	<.0000	.0012	.0064

Analysis Report

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page 1

Method: IECW Sample Name: 26208
 Run Time: 11/13/01 12:55:34
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0103	.0108	.0045	.0159	.0000	6.497
SDev	.0005	.0045	.0162	.0013	.0000	.0000	.011
%RSD	459.9	43.62	149.9	28.70	.0070	.0000	.1637

#1	<.0000	.0093	.0233	.0048	.0159	.0000	6.511
#2	.0001	.0054	.0260	.0027	.0159	.0000	6.497
#3	.0001	.0162	<.0000	.0058	.0159	.0000	6.494
#4	.0001	.0103	<.0000	.0048	.0159	.0000	6.486

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	.0000	.0004	.0075	.0206	.4381	1.267
SDev	.0003	.0013	.0016	.0004	.0014	.0548	.005
%RSD	30.81	7977.	441.8	5.240	6.541	12.50	.4061

#1	.0012	.0016	<.0000	.0069	.0200	.3742	1.274
#2	.0007	<.0000	.0021	.0077	.0227	.4838	1.262
#3	.0012	.0001	<.0000	.0077	.0200	.4107	1.268
#4	.0007	<.0000	.0013	.0077	.0200	.4838	1.265

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0168	<.0000	7.244	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0043	.063	.0048	.0158	.0172	.0702
%RSD	3.102	42.89	.8683	534.2	163.5	74.25	131.3

#1	.0174	<.0000	7.222	.0055	<.0000	<.0000	.0440
#2	.0168	<.0000	7.306	<.0000	<.0000	<.0000	<.0000
#3	.0161	<.0000	7.166	<.0000	<.0000	<.0000	<.0000
#4	.0168	<.0000	7.282	<.0000	.0141	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7557	<.0000	<.0000	.0013
SDev	.0396	.0355	.0009	.0006
%RSD	5.241	425.6	431.2	41.04

#1	.7720	.0133	.0006	.0018
#2	.7021	<.0000	<.0000	.0018
#3	.7534	.0009	<.0000	.0006
#4	.7953	.0133	.0006	.0012

Analysis Report

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Method: IECW Sample Name: 26251

Operator: it

Run Time: 11/13/01 13:12:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0247	.0048	.0145	<.0000	5.886
SDev	.0004	.0058	.0353	.0013	.0000	.0001	.012
%RSD	48.11	293.1	142.6	26.40	.0074	200.0	.1968

#1	<.0000	.0015	.0576	.0037	.0145	.0000	5.881
#2	<.0000	<.0000	<.0000	.0053	.0145	<.0000	5.881
#3	<.0000	.0025	<.0000	.0037	.0145	.0000	5.879
#4	<.0000	<.0000	.0525	.0063	.0145	.0000	5.903

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0268	<.0000	1.303
SDev	.0013	.0007	.0008	.0008	.0011	.2865	.012
%RSD	298.4	137.2	56.69	59.34	4.129	313.9	.8931

#1	.0007	<.0000	<.0000	<.0000	.0254	.3377	1.319
#2	<.0000	.0004	<.0000	<.0000	.0268	<.0000	1.298
#3	<.0000	<.0000	<.0000	<.0000	.0281	<.0000	1.292
#4	.0002	<.0000	<.0000	<.0000	.0268	<.0000	1.304

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0243	<.0000	4.176	<.0000	<.0000	<.0000	.0034
SDev	.0003	.0020	.022	.0006	.0081	.0199	.0555
%RSD	1.313	32.19	.5267	32.70	230.7	98.01	1624.

#1	.0244	<.0000	4.148	<.0000	<.0000	<.0000	<.0000
#2	.0238	<.0000	4.192	<.0000	.0035	<.0000	.0115
#3	.0244	<.0000	4.196	<.0000	.0035	<.0000	<.0000
#4	.0244	<.0000	4.169	<.0000	<.0000	<.0000	.0766

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	.3027	.0163	<.0000	.0006
SDev	.0298	.0528	.0005	.0000
%RSD	9.840	322.9	74.05	.0556

#1	.3155	.0750	<.0000	.0006
#2	.2643	.0009	<.0000	.0006
#3	.2969	.0380	<.0000	.0006
#4	.3341	<.0000	<.0000	.0006

Analysis Report

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page 1

Method: IECW Sample Name: 26252

Run Time: 11/13/01 13:16:21

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0062	.0095	.0044	.0148	<.0000	5.874
SDev	.0012	.0036	.0340	.0022	.0004	.0001	.014
%RSD	370.6	57.72	357.6	51.03	2.862	200.0	.2337

#1	.0011	.0113	<.0000	.0063	.0152	.0000	5.857
#2	<.0000	.0054	.0522	.0063	.0145	<.0000	5.873
#3	.0001	.0044	<.0000	.0022	.0152	.0000	5.890
#4	<.0000	.0034	.0155	.0027	.0145	.0000	5.878

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	.0004	<.0000	.0006	.0257	.2008	1.315
SDev	.0005	.0017	.0011	.0000	.0020	.3822	.013
%RSD	45.20	421.3	106.4	.0660	7.845	190.3	.9607

#1	.0012	.0027	.0005	.0006	.0227	.4107	1.298
#2	.0017	<.0000	<.0000	.0006	.0268	<.0000	1.328
#3	.0007	.0004	<.0000	.0006	.0268	.4838	1.316
#4	.0007	<.0000	<.0000	.0006	.0268	.2647	1.319

Elem	Mn2576	Mo2020	Na5889	N12316	Pb2203	Sb2068	Se1960
Avge	.0230	<.0000	4.223	<.0000	<.0000	<.0000	<.0000
SDev	.0003	.0043	.019	.0056	.0156	.0310	.1349
%RSD	1.382	85.00	.4537	463.8	252.7	119.3	1533.

#1	.0225	.0011	4.223	<.0000	.0106	.0198	<.0000
#2	.0232	<.0000	4.216	<.0000	<.0000	<.0000	.1740
#3	.0232	<.0000	4.204	.0067	<.0000	<.0000	<.0000
#4	.0232	<.0000	4.249	<.0000	.0035	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3294	<.0000	<.0000	.0002
SDev	.0318	.0538	.0000	.0009
%RSD	9.663	640.2	.1377	437.9

#1	.3714	.0380	<.0000	<.0000
#2	.3341	.0132	<.0000	.0012
#3	.3155	<.0000	<.0000	<.0000
#4	.2968	.0009	<.0000	.0006

Analysis Report

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page 1

Method: IECW Sample Name: 26253

Operator: it

Run Time: 11/13/01 13:18:36

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0003	.0635	.0168	.0272	<.0000	24.51
SDev	.0010	.0097	.0087	.0009	.0000	.0001	.04
%RSD	674.3	3110.	13.76	5.222	.0162	66.67	.1749

#1	<.0000	.0126	.0738	.0177	.0272	.0000	24.52
#2	.0013	<.0000	.0531	.0172	.0272	<.0000	24.46
#3	<.0000	<.0000	.0661	.0166	.0272	<.0000	24.57
#4	<.0000	.0008	.0609	.0156	.0272	<.0000	24.51

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	.0009	.0010	.0029	.0450	1.743	8.250
SDev	.0005	.0020	.0010	.0004	.0007	.153	.020
%RSD	67.09	224.9	96.16	15.65	1.498	8.802	.2411

#1	.0013	.0016	<.0000	.0033	.0460	1.835	8.251
#2	.0003	<.0000	.0018	.0033	.0447	1.908	8.254
#3	.0008	.0013	.0009	.0025	.0446	1.579	8.272
#4	.0003	.0026	.0018	.0025	.0447	1.652	8.223

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0531	<.0000	27.03	.0003	<.0000	<.0000	<.0000
SDev	.0008	.0037	.10	.0040	.0053	.0066	.0338
%RSD	1.511	60.86	.3677	1499.	39.96	66.85	69.62

#1	.0520	<.0000	27.09	<.0000	<.0000	<.0000	<.0000
#2	.0533	<.0000	26.89	<.0000	<.0000	<.0000	<.0000
#3	.0539	<.0000	27.11	.0038	<.0000	<.0000	<.0000
#4	.0533	<.0000	27.01	.0038	<.0000	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.192	.0485	<.0000	.0006
SDev	.017	.0255	.0005	.0003
%RSD	1.393	52.59	134.0	57.90

#1	1.206	.0639	<.0000	.0003
#2	1.183	.0269	.0002	.0009
#3	1.174	.0268	<.0000	.0003
#4	1.206	.0763	<.0000	.0009

Analysis Report

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page 1

Method: IECW Sample Name: 26315
 Run Time: 11/13/01 13:21:22
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0010	.0113	.0364	.0051	.0152	.0000	5.992
SDev	.0002	.0035	.0254	.0026	.0000	.0000	.013
%RSD	24.39	31.02	69.88	49.88	.0089	.0000	.2144
#1	.0011	.0113	.0574	.0037	.0152	.0000	6.002
#2	.0011	.0143	.0469	.0048	.0152	.0000	5.975
#3	.0011	.0133	<.0000	.0032	.0152	.0000	6.002
#4	.0006	.0064	.0417	.0089	.0152	.0000	5.990
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	.0010	.0007	.0000	.0261	.3468	1.339
SDev	.0007	.0016	.0013	.0008	.0023	.2987	.016
%RSD	48.11	162.9	188.4	1559.	8.965	86.11	1.167
#1	.0021	.0006	<.0000	<.0000	.0254	<.0000	1.346
#2	.0012	.0017	.0013	.0006	.0294	.6298	1.349
#3	.0021	.0027	.0021	.0006	.0240	.4838	1.346
#4	.0007	<.0000	<.0000	<.0000	.0254	.3377	1.316
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0238	<.0000	7.535	<.0000	<.0000	<.0000	.0237
SDev	.0000	.0025	.057	.0040	.0035	.0237	.0874
%RSD	.0041	49.05	.7575	9166.	39.96	201.8	369.1
#1	.0238	<.0000	7.575	<.0000	<.0000	<.0000	.0440
#2	.0238	<.0000	7.461	<.0000	<.0000	<.0000	.0115
#3	.0238	<.0000	7.585	<.0000	<.0000	<.0000	.1253
#4	.0238	<.0000	7.519	.0055	<.0000	.0198	<.0000
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	.6426	<.0000	.0004	.0001			
SDev	.0216	.0303	.0011	.0007			
%RSD	3.363	62.31	264.7	1300.			
#1	.6414	<.0000	<.0000	.0006			
#2	.6647	<.0000	.0006	<.0000			
#3	.6508	<.0000	.0018	.0006			
#4	.6136	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 26316
 Run Time: 11/13/01 13:25:57
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be5130	Ca3179
Avge	<.0000	.0079	.0496	.0046	.0145	.0000	5.887
SDev	.0009	.0090	.0264	.0012	.0000	.0000	.013
%RSD	971.4	114.6	53.18	26.17	.0122	.0000	.2291
#1	<.0000	.0173	.0100	.0048	.0145	.0000	5.889
#2	<.0000	<.0000	.0629	.0063	.0145	.0000	5.867
#3	.0011	.0133	.0627	.0037	.0145	.0000	5.896
#4	.0001	.0034	.0628	.0037	.0145	.0000	5.894
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0271	.2008	1.299
SDev	.0011	.0015	.0006	.0011	.0032	.1206	.015
%RSD	342.6	1141.	1338.	119.3	11.78	60.07	1.175
#1	<.0000	<.0000	<.0000	<.0000	.0268	.1917	1.286
#2	<.0000	.0019	.0005	<.0000	.0295	.3377	1.289
#3	<.0000	<.0000	.0005	.0006	.0227	.0456	1.319
#4	.0012	.0001	<.0000	<.0000	.0295	.2282	1.304
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0243	<.0000	6.969	.0008	<.0000	<.0000	.0156
SDev	.0003	.0037	.043	.0097	.0034	.0343	.0156
%RSD	1.312	35.02	.6132	1148.	380.4	574.0	99.89
#1	.0244	<.0000	6.950	<.0000	<.0000	<.0000	.0277
#2	.0238	<.0000	7.032	<.0000	<.0000	.0428	.0278
#3	.0244	<.0000	6.939	.0148	.0035	<.0000	.0115
#4	.0244	<.0000	6.954	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	.4645	<.0000	<.0000	<.0000			
SDev	.0558	.0871	.0005	.0009			
%RSD	12.01	205.6	799.4	179.9			
#1	.5391	.0751	.0006	.0006			
#2	.4040	<.0000	<.0000	<.0000			
#3	.4552	<.0000	<.0000	<.0000			
#4	.4599	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 26318
 Run Time: 11/13/01 13:28:02
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0002	.0112	.0098	.0066	.0160	.0000	7.099
SDev	.0010	.0069	.0357	.0013	.0004	.0000	.007
%RSD	402.3	61.72	364.0	19.48	2.291	.0000	.1039

#1	.0001	.0082	<.0000	.0067	.0158	.0000	7.098
#2	<.0000	.0141	.0492	.0062	.0158	.0000	7.090
#3	.0001	.0033	<.0000	.0052	.0158	.0000	7.100
#4	.0016	.0191	.0307	.0083	.0165	.0000	7.108

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	<.0000	.0000	.0106	.0383	.1643	1.743
SDev	.0007	.0019	.0014	.0008	.0017	.3284	.010
%RSD	58.24	492.7	5245.	7.078	4.427	199.9	.5883

#1	.0007	.0014	<.0000	.0100	.0387	.1552	1.747
#2	.0016	<.0000	.0019	.0108	.0360	.1917	1.735
#3	.0007	.0004	<.0000	.0100	.0400	<.0000	1.735
#4	.0021	<.0000	.0002	.0116	.0387	.5568	1.756

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0372	<.0000	8.457	<.0000	<.0000	<.0000	.0560
SDev	.0007	.0070	.030	.0015	.0136	.0000	.0951
%RSD	1.983	79.67	.3585	148.0	154.8	.1386	170.0

#1	.0378	.0011	8.474	<.0000	<.0000	<.0000	.0926
#2	.0378	<.0000	8.470	<.0000	<.0000	<.0000	<.0000
#3	.0365	<.0000	8.412	.0007	<.0000	<.0000	.1738
#4	.0365	<.0000	8.474	<.0000	.0070	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.5545	<.0000	.0001	.0018
SDev	.0400	.0650	.0012	.0008
%RSD	7.207	1080.	1686.	46.31

#1	.6128	<.0000	<.0000	.0023
#2	.5243	<.0000	<.0000	.0018
#3	.5336	<.0000	<.0000	.0006
#4	.5475	.0866	.0018	.0023

Analysis Report

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page 1

Method: IECW Sample Name: 26317
 Run Time: 11/13/01 13:30:11
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0652	.0391	.0098	.0821	.0000	17.51
SDev	.0016	.0069	.0264	.0010	.0004	.0000	.04
%RSD	565.8	10.65	67.41	10.20	.4464	.0000	.2524
#1	<.0000	.0596	.0393	.0106	.0823	.0000	17.46
#2	.0019	.0754	.0627	.0095	.0815	.0000	17.50
#3	<.0000	.0635	.0023	.0105	.0822	.0000	17.57
#4	<.0000	.0625	.0523	.0085	.0822	.0000	17.53
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	.0007	.0017	.0590	6.652	1.013	5.432
SDev	.0013	.0015	.0006	.0004	.031	.313	.035
%RSD	222.5	220.1	36.18	.6636	.4642	30.93	.6362
#1	.0003	.0017	.0020	.0588	6.610	1.141	5.397
#2	<.0000	.0003	.0012	.0596	6.647	1.396	5.418
#3	.0013	.0020	.0024	.0588	6.679	.7758	5.478
#4	.0018	<.0000	.0012	.0588	6.671	.7393	5.436
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.6732	<.0000	18.75	.0045	<.0000	.0075	.0406
SDev	.0093	.0012	.11	.0009	.0154	.0302	.0780
%RSD	1.376	13.42	.6108	21.15	252.4	400.8	192.0
#1	.6608	<.0000	18.68	.0045	<.0000	.0047	.1138
#2	.6735	<.0000	18.63	.0033	.0062	<.0000	<.0000
#3	.6755	<.0000	18.87	.0056	.0062	<.0000	.0324
#4	.6831	<.0000	18.82	.0045	<.0000	.0505	.0812
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.277	.0120	<.0000	.0087			
SDev	.028	.0565	.0004	.0006			
%RSD	2.212	470.4	74810.	6.613			
#1	1.281	<.0000	<.0000	.0090			
#2	1.314	<.0000	.0093	.0078			
#3	1.263	.0953	.0000	.0090			
#4	1.249	<.0000	.0093	.0090			

Analysis Report

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page 1

Method: IECW Sample Name: 1pc
 Run time: 11/13/01 14:00:50
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4769	.9720	.0504	.9118	.9567	.9611	.9686
SDev	.0016	.0078	.0219	.0044	.0037	.0032	.0019
%RSD	.3312	.8010	43.42	.4849	.3841	.3309	.1982

#1	.4749	.9629	.0498	.9062	.9527	.9569	.9678
#2	.4787	.9757	.0392	.9108	.9571	.9644	.9712
#3	.4773	.9688	.0314	.9164	.9615	.9625	.9667
#4	.4768	.9807	.0812	.9139	.9556	.9605	.9685

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599 <i>gbr</i>	K_7664	Mg2790
Avge	.9687	.9659	.9439	.9425	.9589	1.670	.9820
SDev	.0070	.0037	.0057	.0026	.0045	.387	.0150
%RSD	.7205	.3816	.6063	.2710	.4666	23.17	1.524

#1	.9636	.9661	.9416	.9394	.9542	1.798	.9940
#2	.9764	.9616	.9524	.9457	.9650	1.981	.9910
#3	.9621	.9706	.9412	.9425	.9582	1.104	.9609
#4	.9729	.9652	.9403	.9425	.9582	1.798	.9820

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9620	.9598	1.029	.9821	.9772	.9799	.0600
SDev	.0029	.0126	.025	.0104	.0196	.0094	.0485
%RSD	.3032	1.314	2.442	1.064	2.007	.9537	80.78

#1	.9589	.9481	1.013	.9756	.9790	.9684	.0073
#2	.9653	.9555	1.062	.9955	1.004	.9913	.1210
#3	.9602	.9777	1.006	.9722	.9578	.9799	.0397
#4	.9634	.9580	1.033	.9850	.9684	.9799	.0722

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7713	.9229	.9467	.9567
SDev	.0754	.0155	.0030	.0038
%RSD	9.768	1.685	.3163	.3955

#1	.6887	.9383	.9426	.9544
#2	.7352	.9259	.9482	.9590
#3	.8005	.9260	.9495	.9527
#4	.8610	.9012	.9464	.9608

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 11/13/01 14:07:23
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	.0000	<.0000	.0006
SDev	.0012	.0054	.0319	.0019	.0004	.0000	.0013
%RSD	251.7	64.72	73.43	44.96	106100.	.0000	199.8

#1	.0007	<.0000	<.0000	<.0000	.0004	<.0000	.0015
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0012
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	.0004	<.0000	.0010

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	.0004	<.0000	<.0000	<.0000	.0818	<.0000
SDev	.0026	.0019	.0010	.0010	.0014	.1732	.0090
%RSD	535.0	463.5	510.8	83.89	40.01	211.6	149.3

#1	.0000	<.0000	.0013	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0018	<.0000	<.0000	<.0000	.1910	<.0000
#3	.0005	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	.0039	.0021	<.0000	<.0000	<.0000	.2637	.0023

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0000	<.0000	.0010	.0009	<.0000	<.0000	.0122
SDev	.0004	.0055	.0158	.0050	.0101	.0199	.0458
%RSD	49280.	42.24	1533.	564.5	52.23	69.40	376.2

#1	.0003	<.0000	.0077	.0055	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0122
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0770
#4	.0003	<.0000	.0181	.0044	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0515	.0427	.0009	.0003
%RSD	56.22	106.7	113.2	46.22

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0216	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: lfb
 Run Time: 11/13/01 14:10:08
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0238	.2523	.2165	.2548	.2625	.0513	.0323
SDev	.0014	.0025	.0611	.0033	.0011	.0002	.0015
%RSD	5.774	.9792	28.23	1.288	.4199	.3875	4.765
#1	.0246	.2491	.2574	.2502	.2620	.0513	.0338
#2	.0246	.2551	.1305	.2558	.2642	.0516	.0302
#3	.0218	.2521	.2627	.2553	.2620	.0512	.0329
#4	.0241	.2531	.2151	.2579	.2620	.0511	.0325
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1063	.1078	.2574	.2713	.2604	<.0000	.0059
SDev	.0029	.0030	.0038	.0014	.0019	.2598	.0122
%RSD	2.732	2.795	1.473	.5266	.7326	317.4	204.7
#1	.1052	.1044	.2549	.2698	.2604	.1910	.0203
#2	.1091	.1109	.2624	.2721	.2618	<.0000	.0112
#3	.1027	.1062	.2541	.2729	.2618	<.0000	<.0000
#4	.1081	.1096	.2583	.2705	.2577	.0818	<.0000
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2630	.0775	.1409	.2764	.2449	.2141	.2702
SDev	.0013	.0051	.0147	.0072	.0218	.0110	.0648
%RSD	.5001	6.622	10.47	2.611	8.903	5.127	23.99
#1	.2618	.0763	.1378	.2702	.2705	.2055	.3674
#2	.2644	.0837	.1213	.2702	.2176	.2055	.2378
#3	.2638	.0714	.1522	.2842	.2493	.2170	.2378
#4	.2618	.0788	.1522	.2807	.2423	.2284	.2378
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.0951	.2550	.1013	.2663			
SDev	.0350	.0348	.0013	.0016			
%RSD	36.77	13.66	1.283	.6106			
#1	.1200	.2796	.1028	.2663			
#2	.1290	.2796	.1016	.2675			
#3	.0566	.2057	.0997	.2675			
#4	.0747	.2550	.1010	.2640			

Analysis Report

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page 1

Method: IECW Sample Name: lrp
 Run Time: 11/13/01 14:13:46
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0008	.0020	<.0000	<.0000	<.0000	<.0000	.0031
SDev	.0002	.0080	.0132	.0015	.0004	.0001	.0019
%RSD	28.57	404.8	74.16	78.58	199.4	40.00	63.72

#1	.0007	.0032	<.0000	<.0000	.0004	<.0000	.0008
#2	.0007	<.0000	<.0000	<.0000	<.0000	<.0000	.0022
#3	.0007	.0062	<.0000	<.0000	<.0000	<.0000	.0042
#4	.0012	.0082	<.0000	<.0000	<.0000	<.0000	.0051

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0009	<.0000	<.0000	<.0000	.2637	.0068
SDev	.0007	.0015	.0022	.0010	.0013	.2467	.0103
%RSD	35.37	175.0	74660.	41.93	42.54	93.55	151.8

#1	<.0000	<.0000	<.0000	<.0000	<.0000	.0818	.0113
#2	<.0000	.0001	<.0000	<.0000	<.0000	.1546	<.0000
#3	<.0000	.0009	.0004	<.0000	<.0000	.1910	.0053
#4	<.0000	.0030	.0025	<.0000	<.0000	.6275	.0173

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	.0108	<.0000	<.0000	<.0000	.0364
SDev	.0004	.0042	.0244	.0024	.0083	.0254	.0468
%RSD	279200.	20.69	225.1	205.9	472.4	126.8	128.4

#1	.0003	<.0000	.0015	.0009	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0009	<.0000	.0115	.0770
#3	<.0000	<.0000	.0015	<.0000	<.0000	<.0000	<.0000
#4	.0003	<.0000	.0470	<.0000	.0097	<.0000	.0769

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0339	.0005	<.0000
SDev	.0541	.0704	.0014	.0009
%RSD	61.23	207.9	287.8	2830000.

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.1078	.0005	<.0000
#3	<.0000	.0092	<.0000	.0007
#4	<.0000	.0708	.0023	.0007



IECW	CONC F:1			SN:1fb Mo			11/13/01 14:20:4
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2611	.0970	.0810	.2645	.2449	.2199	.2478
SDev	.0022	.0051	.0080	.0103	.0086	.0196	.0352
%RSD	.8581	5.224 <i>OK</i>	9.826	3.894	3.526	8.910	14.22
#1	.2626	.0927	.0747	.2575	.2554	.2170	.2478
#2	.2588	.1001	.0913	.2622	.2343	.2285	.2967
#3	.2595	.0927	.0830	.2587	.2449	.2400	.2152
#4	.2633	.1026	.0747	.2797	.2449	.1941	.2314

Analysis Report

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page 1

Method: IECW Sample Name: 26319
 Run time: 11/13/01 14:25:05
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0820	.0135	.0327	<.0000	24.74
SDev	.0024	.0106	.0576	.0014	.0000	.0001	.07
%RSD	33.97	31.64	70.22	10.02	.0210	28.57	.2935

#1	<.0000	<.0000	.0426	.0136	.0327	<.0000	24.81
#2	<.0000	<.0000	.1503	.0116	.0327	<.0000	24.69
#3	<.0000	<.0000	.0269	.0141	.0327	<.0000	24.80
#4	<.0000	<.0000	.1084	.0147	.0327	<.0000	24.67

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0228	.0885	<.0000	8.250
SDev	.0008	.0013	.0012	.0010	.0023	.3178	.006
%RSD	151.7	33.02	74.22	4.416	2.637	41.18	.0670

#1	.0005	<.0000	.0001	.0240	.0891	<.0000	8.253
#2	<.0000	<.0000	<.0000	.0224	.0891	<.0000	8.247
#3	<.0000	<.0000	<.0000	.0232	.0905	<.0000	8.244
#4	<.0000	<.0000	<.0000	.0217	.0851	<.0000	8.256

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0890	.0001	27.16	.0011	<.0000	<.0000	.0002
SDev	.0011	.0059	.02	.0048	.0226	.0429	.0596
%RSD	1.223	6318.	.0660	415.8	232.6	337.9	30880.

#1	.0904	.0062	27.16	<.0000	.0018	<.0000	<.0000
#2	.0885	.0038	27.18	<.0000	<.0000	<.0000	.0655
#3	.0892	<.0000	27.14	.0081	<.0000	.0331	<.0000
#4	.0879	<.0000	27.16	<.0000	.0159	<.0000	.0329

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	1.505	.1124	<.0000	.0006
SDev	.040	.0418	.0009	.0003
%RSD	2.646	37.14	19.85	58.20

#1	1.552	.0971	<.0000	.0003
#2	1.494	.1094	<.0000	.0003
#3	1.516	.1707	<.0000	.0009
#4	1.457	.0726	<.0000	.0009

Analysis Report

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page 1

Method: IECW Sample Name: 26319lab dup

Operator: it

Run Time: 11/13/01 14:27:30

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1206	.0136	.0327	<.0000	24.78
SDev	.0006	.0075	.0251	.0012	.0000	.0000	.03
%RSD	9.769	32.82	20.82	8.688	.0104	.0000	.1156

#1	<.0000	<.0000	.1318	.0126	.0327	<.0000	24.77
#2	<.0000	<.0000	.1502	.0126	.0327	<.0000	24.75
#3	<.0000	<.0000	.1054	.0146	.0327	<.0000	24.81
#4	<.0000	<.0000	.0950	.0147	.0327	<.0000	24.80

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	<.0000	<.0000	.0240	.0888	<.0000	8.241
SDev	.0010	.0013	.0009	.0006	.0013	.2566	.019
%RSD	490.4	35.63	210.0	2.662	1.447	72.61	.2301

#1	<.0000	<.0000	<.0000	.0232	.0891	<.0000	8.247
#2	.0014	<.0000	<.0000	.0248	.0878	<.0000	8.217
#3	<.0000	<.0000	.0009	.0240	.0905	<.0000	8.262
#4	.0005	<.0000	<.0000	.0240	.0878	<.0000	8.238

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0887	<.0000	27.17	.0029	<.0000	<.0000	<.0000
SDev	.0006	.0024	.07	.0012	.0133	.0109	.0864
%RSD	.6874	445.6	.2712	40.28	502.8	266.0	534.5

#1	.0892	.0013	27.16	.0023	.0018	<.0000	.0655
#2	.0879	<.0000	27.07	.0023	<.0000	<.0000	<.0000
#3	.0892	<.0000	27.22	.0023	<.0000	.0102	.0328
#4	.0885	.0013	27.22	.0046	.0123	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.530	.1216	<.0000	.0011
SDev	.051	.0224	.0009	.0010
%RSD	3.314	18.42	34.32	86.89

#1	1.485	.1339	<.0000	.0003
#2	1.498	.1094	<.0000	.0009
#3	1.539	.0971	<.0000	.0026
#4	1.597	.1462	<.0000	.0009

Analysis Report

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Method: IECW Sample Name: 26319spk

Operator: it

Run Time: 11/13/01 14:35:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0147	.2323	.3192	.2756	.2929	.0518	24.21
SDev	.0021	.0094	.0272	.0027	.0006	.0003	.13
%RSD	14.44	4.046	8.506	.9652	.2011	.5311	.5378

#1	.0140	.2271	.3277	.2744	.2929	.0517	24.19
#2	.0140	.2311	.3434	.2744	.2929	.0517	24.13
#3	.0178	.2459	.2803	.2796	.2936	.0521	24.40
#4	.0130	.2251	.3252	.2739	.2922	.0515	24.13

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1038	.1012	.2489	.2836	.3451	<.0000	8.081
SDev	.0021	.0021	.0017	.0022	.0026	.4373	.017
%RSD	2.059	2.020	.6665	.7588	.7383	94.06	.2079

#1	.1042	.0992	.2481	.2846	.3468	<.0000	8.087
#2	.1057	.1001	.2481	.2815	.3468	<.0000	8.075
#3	.1047	.1038	.2514	.2862	.3454	.1767	8.102
#4	.1007	.1018	.2481	.2823	.3414	<.0000	8.063

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3461	.1014	26.62	.2573	.2378	.2243	.2642
SDev	.0013	.0051	.04	.0052	.0189	.0254	.0429
%RSD	.3796	4.999	.1431	2.012	7.935	11.32	16.25

#1	.3475	.0971	26.61	.2590	.2167	.2387	.3091
#2	.3450	.0971	26.65	.2544	.2519	.1928	.2928
#3	.3469	.1069	26.64	.2520	.2554	.2501	.2275
#4	.3450	.1045	26.57	.2637	.2272	.2158	.2276

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.605	.3360	.0984	.2601
SDev	.053	.0496	.0019	.0019
%RSD	3.326	14.76	1.895	.7213

#1	1.598	.3053	.0979	.2578
#2	1.553	.4035	.0967	.2601
#3	1.679	.3421	.1011	.2624
#4	1.589	.2931	.0979	.2601

Analysis Report

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Method: IECW Sample Name: 26320

Run Time: 11/13/01 14:37:52

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0626	.0033	.0217	<.0000	13.34
SDev	.0011	.0097	.0539	.0013	.0004	.0000	.06
%RSD	14.12	27.94	86.12	41.22	1.944	.0000	.4441

#1	<.0000	<.0000	.0212	.0052	.0214	<.0000	13.39
#2	<.0000	<.0000	.1079	.0026	.0221	<.0000	13.35
#3	<.0000	<.0000	.0109	.0021	.0214	<.0000	13.25
#4	<.0000	<.0000	.1103	.0031	.0221	<.0000	13.35

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0094	.0250	<.0000	5.167
SDev	.0006	.0010	.0017	.0006	.0031	.3895	.051
%RSD	484.5	27.61	68.78	6.775	12.50	19.13	.9876

#1	.0006	<.0000	<.0000	.0094	.0276	<.0000	5.218
#2	<.0000	<.0000	<.0000	.0086	.0222	<.0000	5.185
#3	<.0000	<.0000	<.0000	.0094	.0277	<.0000	5.097
#4	.0001	<.0000	<.0000	.0102	.0223	<.0000	5.167

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0162	<.0000	9.296	<.0000	<.0000	<.0000	<.0000
SDev	.0006	.0014	.069	.0000	.0078	.0239	.0672
%RSD	3.780	65.41	.7445	.8057	126.9	58.46	295.6

#1	.0160	<.0000	9.328	<.0000	<.0000	<.0000	.0343
#2	.0154	<.0000	9.359	<.0000	.0018	<.0000	<.0000
#3	.0167	<.0000	9.199	<.0000	<.0000	<.0000	<.0000
#4	.0167	<.0000	9.297	<.0000	<.0000	<.0000	.0343

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.977	.0777	<.0000	.0045
SDev	.032	.0317	.0011	.0008
%RSD	1.594	40.85	27.11	18.07

#1	2.019	.0408	<.0000	.0051
#2	1.960	.1145	<.0000	.0033
#3	1.947	.0901	<.0000	.0045
#4	1.983	.0654	<.0000	.0051

Analysis Report

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Method: IECW Sample Name: 26321
 Run Time: 11/13/01 14:40:24
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0461	.0031	.0155	<.0000	6.646
SDev	.0007	.0088	.0236	.0011	.0000	.0001	.019
%RSD	8.716	30.41	51.14	34.40	.0115	40.00	.2833

#1	<.0000	<.0000	.0264	.0018	.0155	<.0000	6.624
#2	<.0000	<.0000	.0265	.0044	.0155	<.0000	6.657
#3	<.0000	<.0000	.0736	.0028	.0155	<.0000	6.636
#4	<.0000	<.0000	.0577	.0034	.0155	<.0000	6.665

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0038	.0230	<.0000	1.204
SDev	.0016	.0014	.0016	.0004	.0023	.1618	.009
%RSD	142.0	50.64	65.79	12.03	10.01	7.189	.7540

#1	<.0000	<.0000	<.0000	.0034	.0200	<.0000	1.199
#2	<.0000	<.0000	<.0000	.0041	.0254	<.0000	1.199
#3	<.0000	<.0000	<.0000	.0034	.0240	<.0000	1.217
#4	<.0000	<.0000	<.0000	.0041	.0227	<.0000	1.199

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0131	<.0000	7.121	<.0000	<.0000	<.0000	<.0000
SDev	.0000	.0037	.039	.0029	.0088	.0187	.0411
%RSD	.0046	49.54	.5496	968.7	143.0	161.7	196.5

#1	.0131	<.0000	7.080	<.0000	<.0000	.0114	<.0000
#2	.0131	<.0000	7.097	<.0000	<.0000	<.0000	<.0000
#3	.0131	<.0000	7.140	.0029	<.0000	<.0000	.0362
#4	.0131	<.0000	7.165	.0006	.0053	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.5703	.0379	<.0000	.0019
SDev	.0550	.0505	.0008	.0006
%RSD	9.645	133.3	25.33	28.65

#1	.5218	<.0000	<.0000	.0012
#2	.5805	.0225	<.0000	.0024
#3	.5353	.0716	<.0000	.0018
#4	.6438	.0839	<.0000	.0023

Analysis Report

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page 1

Method: IECW Sample Name: 26335
 Run Time: 11/13/01 14:42:48
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0487	.0031	.0137	<.0000	5.842
SD	.0012	.0012	.0270	.0005	.0004	.0001	.014
%RSD	16.99	3.665	55.39	16.45	3.089	28.57	.2370
#1	<.0000	<.0000	.0264	.0039	.0141	<.0000	5.845
#2	<.0000	<.0000	.0290	.0028	.0134	<.0000	5.860
#3	<.0000	<.0000	.0841	.0028	.0134	<.0000	5.837
#4	<.0000	<.0000	.0553	.0028	.0141	<.0000	5.828
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0007	<.0000	<.0000	<.0000	.0345	<.0000	1.254
SD	.0014	.0019	.0009	.0008	.0028	.2792	.016
%RSD	209.2	65.42	24.08	547.1	8.044	12.56	1.292
#1	<.0000	<.0000	<.0000	.0002	.0362	<.0000	1.278
#2	.0003	<.0000	<.0000	.0002	.0376	<.0000	1.248
#3	.0028	<.0000	<.0000	.0002	.0322	<.0000	1.245
#4	<.0000	<.0000	<.0000	<.0000	.0322	<.0000	1.245
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0254	<.0000	4.133	<.0000	<.0000	<.0000	<.0000
SD	.0006	.0028	.017	.0079	.0236	.0281	.0937
%RSD	2.401	90.43	.4006	36220.	116.6	242.6	448.0
#1	.0259	<.0000	4.139	.0017	.0123	<.0000	.1015
#2	.0259	<.0000	4.152	.0099	<.0000	.0228	<.0000
#3	.0252	<.0000	4.112	<.0000	<.0000	<.0000	.0036
#4	.0246	<.0000	4.131	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.3195	.0194	<.0000	.0014			
SD	.0341	.0272	.0011	.0006			
%RSD	10.66	140.4	26.87	40.80			
#1	.3364	.0101	<.0000	.0012			
#2	.3320	.0470	<.0000	.0006			
#3	.3410	.0347	<.0000	.0018			
#4	.2687	<.0000	<.0000	.0018			

Analysis Report

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page 1

Method: IECW Sample Name: 26336
 Run Time: 11/13/01 14:44:59
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1312	.0148	.0270	<.0000	24.76
SDev	.0009	.0050	.0335	.0021	.0004	.0000	.07
%RSD	13.35	17.17	25.57	14.27	1.344	.0000	.2825
#1	<.0000	<.0000	.1292	.0142	.0268	<.0000	24.80
#2	<.0000	<.0000	.1108	.0168	.0268	<.0000	24.68
#3	<.0000	<.0000	.1792	.0121	.0268	<.0000	24.74
#4	<.0000	<.0000	.1056	.0162	.0275	<.0000	24.83
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	<.0000	<.0000	<.0000	.0514	<.0000	8.271
SDev	.0012	.0018	.0006	.0004	.0025	.3028	.013
%RSD	127.4	55.01	48.21	11.98	4.788	38.76	.1550
#1	<.0000	<.0000	<.0000	<.0000	.0500	<.0000	8.280
#2	.0024	<.0000	<.0000	<.0000	.0487	<.0000	8.256
#3	.0014	<.0000	<.0000	<.0000	.0541	<.0000	8.265
#4	<.0000	<.0000	<.0000	<.0000	.0527	<.0000	8.283
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0523	<.0000	27.33	<.0000	<.0000	<.0000	.0696
SDev	.0003	.0014	.11	.0020	.0127	.0236	.0539
%RSD	.6080	29.40	.4077	96.32	110.6	72.19	77.47
#1	.0522	<.0000	27.36	<.0000	.0053	<.0000	.0818
#2	.0522	<.0000	27.17	<.0000	<.0000	<.0000	.0655
#3	.0522	<.0000	27.39	<.0000	<.0000	<.0000	.0002
#4	.0528	<.0000	27.41	<.0000	<.0000	<.0000	.1308
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.146	.1217	<.0000	.0001			
SDev	.045	.0283	.0009	.0007			
%RSD	3.917	23.29	23.12	506.9			
#1	1.091	.1462	<.0000	.0003			
#2	1.137	.0971	<.0000	<.0000			
#3	1.200	.1462	<.0000	.0003			
#4	1.155	.0971	<.0000	.0009			

Analysis Report

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Method: IECW Sample Name: 26337
 Run Time: 11/13/01 14:47:31
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0592	.0026	.0136	<.0000	5.844
SDev	.0020	.0086	.0321	.0024	.0004	.0000	.013
%RSD	26.78	25.84	54.20	93.82	2.716	.0000	.2166

#1	<.0000	<.0000	.0604	.0028	.0134	<.0000	5.858
#2	<.0000	<.0000	.0475	.0059	.0134	<.0000	5.852
#3	<.0000	<.0000	.0264	.0008	.0141	<.0000	5.837
#4	<.0000	<.0000	.1025	.0008	.0134	<.0000	5.831

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0322	<.0000	1.255
SDev	.0013	.0004	.0009	.0008	.0029	.2418	.014
%RSD	84.09	9.105	14.23	23.91	9.070	10.83	1.139

#1	<.0000	<.0000	<.0000	<.0000	.0322	<.0000	1.266
#2	<.0000	<.0000	<.0000	<.0000	.0308	<.0000	1.254
#3	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.235
#4	.0003	<.0000	<.0000	<.0000	.0295	<.0000	1.266

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0256	<.0000	4.108	.0041	<.0000	<.0000	<.0000
SDev	.0004	.0047	.039	.0014	.0073	.0220	.0889
%RSD	1.443	74.99	.9431	33.14	29.75	76.29	1930.

#1	.0252	<.0000	4.147	.0029	<.0000	<.0000	<.0000
#2	.0259	<.0000	4.135	.0052	<.0000	<.0000	<.0000
#3	.0259	<.0000	4.077	.0029	<.0000	<.0000	<.0000
#4	.0252	<.0000	4.073	.0052	<.0000	<.0000	.1178

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2461	.0194	<.0000	.0005
SDev	.0348	.0307	.0006	.0003
%RSD	14.14	158.3	16.36	58.78

#1	.2913	.0224	<.0000	.0006
#2	.2236	<.0000	<.0000	.0001
#3	.2552	.0593	<.0000	.0006
#4	.2145	.0102	<.0000	.0006

Analysis Report

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Method: IECW Sample Name: 26386

Operator: it

Run Time: 11/13/01 14:49:55

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0048	.0036	.0139	<.0000	5.903
SDev	.0014	.0126	.0180	.0007	.0004	.0001	.026
%RSD	20.73	36.98	376.6	18.37	2.629	28.57	.4410

#1	<.0000	<.0000	<.0000	.0044	.0134	<.0000	5.885
#2	<.0000	<.0000	.0263	.0034	.0141	<.0000	5.907
#3	<.0000	<.0000	<.0000	.0039	.0141	<.0000	5.938
#4	<.0000	<.0000	.0108	.0028	.0141	<.0000	5.881

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0301	<.0000	1.270
SDev	.0012	.0010	.0016	.0008	.0018	.2049	.014
%RSD	271.2	29.93	49.99	21.57	5.792	9.879	1.108

#1	<.0000	<.0000	<.0000	<.0000	.0308	<.0000	1.266
#2	.0003	<.0000	<.0000	<.0000	.0281	<.0000	1.290
#3	.0008	<.0000	<.0000	<.0000	.0295	<.0000	1.257
#4	<.0000	<.0000	<.0000	<.0000	.0322	<.0000	1.269

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0260	<.0000	7.378	<.0000	.0009	<.0000	<.0000
SDev	.0003	.0031	.045	.0053	.0067	.0254	.0081
%RSD	1.222	49.84	.6126	149.1	750.2	125.9	24.54

#1	.0259	<.0000	7.363	<.0000	<.0000	<.0000	<.0000
#2	.0265	<.0000	7.367	.0041	.0053	<.0000	<.0000
#3	.0259	<.0000	7.444	<.0000	.0018	<.0000	<.0000
#4	.0259	<.0000	7.340	<.0000	.0053	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.5318	.0715	<.0000	.0001
SDev	.0429	.0265	.0012	.0011
%RSD	8.067	37.07	39.03	2041.

#1	.5081	.0593	<.0000	<.0000
#2	.5803	.0715	<.0000	.0006
#3	.5533	.1083	<.0000	.0006
#4	.4855	.0470	<.0000	.0006

Analysis Report

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Method: IECW Sample Name: 26387

Operator: it

Run Time: 11/13/01 15:03:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0520	.0018	.0141	<.0000	5.893
SDev	.0008	.0026	.0510	.0014	.0000	.0000	.008
%RSD	11.82	7.255	98.15	79.77	.0047	.0000	.1369

#1	<.0000	<.0000	<.0000	.0018	.0141	<.0000	5.882
#2	<.0000	<.0000	.0763	.0028	.0141	<.0000	5.897
#3	<.0000	<.0000	.0500	<.0000	.0141	<.0000	5.893
#4	<.0000	<.0000	.0999	.0028	.0141	<.0000	5.900

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0311	<.0000	1.263
SDev	.0005	.0017	.0013	.0008	.0020	.3052	.014
%RSD	114.1	58.69	34.84	19.29	6.486	13.62	1.141

#1	<.0000	<.0000	<.0000	<.0000	.0322	<.0000	1.278
#2	<.0000	<.0000	<.0000	<.0000	.0322	<.0000	1.254
#3	<.0000	<.0000	<.0000	<.0000	.0281	<.0000	1.248
#4	<.0000	<.0000	<.0000	<.0000	.0322	<.0000	1.272

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0243	<.0000	6.998	.0038	<.0000	<.0000	<.0000
SDev	.0008	.0045	.014	.0074	.0100	.0236	.0336
%RSD	3.388	42.70	.1990	196.4	62.88	163.7	51.12

#1	.0246	<.0000	7.016	.0122	<.0000	.0113	<.0000
#2	.0240	<.0000	6.993	<.0000	<.0000	<.0000	<.0000
#3	.0233	<.0000	6.999	.0064	<.0000	<.0000	<.0000
#4	.0252	<.0000	6.983	.0017	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4302	.0347	<.0000	.0003
SDev	.0316	.0558	.0004	.0006
%RSD	7.347	160.8	9.486	167.0

#1	.4268	<.0000	<.0000	.0006
#2	.4720	.0225	<.0000	.0006
#3	.4268	.0838	<.0000	<.0000
#4	.3952	.0715	<.0000	.0006

Analysis Report

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Method: IECW Sample Name: 26388
 Run Time: 11/13/01 15:05:29
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.1163	.0112	.0319	<.0000	22.21
SDev	.0009	.0073	.0220	.0013	.0004	.0001	.09
%RSD	9.943	16.51	18.91	11.19	1.303	28.87	.3947
#1	<.0000	<.0000	.0986	.0097	.0315	<.0000	22.13
#2	<.0000	<.0000	.1117	.0128	.0322	<.0000	22.25
#3	<.0000	<.0000	.1064	.0112	.0315	<.0000	22.13
#4	<.0000	<.0000	.1482	.0112	.0322	<.0000	22.31
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0067	.1197	<.0000	7.249
SDev	.0009	.0017	.0014	.0010	.0023	.1650	.034
%RSD	400.5	41.39	46.79	14.74	1.930	10.37	.4736
#1	<.0000	<.0000	<.0000	.0053	.1193	<.0000	7.216
#2	.0005	<.0000	<.0000	.0069	.1166	<.0000	7.273
#3	<.0000	<.0000	<.0000	.0069	.1220	<.0000	7.222
#4	.0005	<.0000	<.0000	.0076	.1206	<.0000	7.283
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0886	<.0000	24.41	.0034	<.0000	<.0000	<.0000
SDev	.0005	.0043	.16	.0067	.0130	.0301	.0481
%RSD	.5873	58.99	.6680	194.8	46.21	196.0	99.50
#1	.0886	<.0000	24.47	.0131	<.0000	.0104	.0007
#2	.0879	<.0000	24.50	.0002	<.0000	<.0000	<.0000
#3	.0886	<.0000	24.17	<.0000	<.0000	<.0000	<.0000
#4	.0892	<.0000	24.51	.0026	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	1.100	.1355	<.0000	.0032			
SDev	.003	.0436	.0012	.0007			
%RSD	.2373	32.20	21.46	20.77			
#1	1.098	.1110	<.0000	.0038			
#2	1.102	.1354	<.0000	.0026			
#3	1.102	.0987	<.0000	.0038			
#4	1.098	.1968	<.0000	.0026			

Analysis Report

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page 1

Method: IECW Sample Name: 26389
 Run Time: 11/13/01 15:08:41
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0570	.0037	.0153	<.0000	6.988
SDev	.0006	.0062	.0175	.0008	.0004	.0000	.020
%RSD	7.718	15.88	30.67	21.15	2.408	.0000	.2885
#1	<.0000	<.0000	.0787	.0033	.0155	<.0000	7.014
#2	<.0000	<.0000	.0603	.0028	.0147	<.0000	6.992
#3	<.0000	<.0000	.0525	.0043	.0155	<.0000	6.971
#4	<.0000	<.0000	.0366	.0043	.0155	<.0000	6.973
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0032	.0306	<.0000	1.628
SDev	.0010	.0022	.0015	.0004	.0029	.3449	.011
%RSD	95.28	82.22	49.56	12.42	9.514	15.92	.7013
#1	.0003	<.0000	<.0000	.0026	.0292	<.0000	1.638
#2	<.0000	<.0000	<.0000	.0033	.0346	<.0000	1.638
#3	<.0000	<.0000	<.0000	.0033	.0306	<.0000	1.619
#4	<.0000	.0001	<.0000	.0033	.0279	<.0000	1.616
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0198	<.0000	8.066	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0035	.035	.0029	.0076	.0301	.0602
%RSD	1.862	61.91	.4334	2547.	39.29	208.1	180.5
#1	.0201	<.0000	8.089	<.0000	<.0000	<.0000	<.0000
#2	.0195	<.0000	8.096	<.0000	<.0000	.0113	<.0000
#3	.0195	<.0000	8.019	<.0000	<.0000	<.0000	.0361
#4	.0201	<.0000	8.062	.0040	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.4024	.0311	<.0000	.0003			
SDev	.0207	.0534	.0006	.0010			
%RSD	5.139	171.9	17.79	306.2			
#1	.3900	.0096	<.0000	.0012			
#2	.3809	.0218	<.0000	<.0000			
#3	.4126	.1078	<.0000	.0006			
#4	.4262	<.0000	<.0000	.0006			

Analysis Report

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page 1

Method: IECW Sample Name: ipc
 Run Time: 11/13/01 15:12:40
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.5198	1.029	.0625	1.011	1.067	1.068	1.074
SDev	.0025	.010	.0294	.008	.003	.003	.003
%RSD	.4891	.9581	47.06	.8366	.2351	.3066	.2578

#1	.5166	1.016	.0279	1.006	1.064	1.064	1.071
#2	.5190	1.036	.0958	1.001	1.067	1.067	1.074
#3	.5218	1.037	.0512	1.017	1.068	1.070	1.076
#4	.5218	1.025	.0750	1.018	1.070	1.071	1.077

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	1.073	1.065	1.042	1.043	1.070	<.0000	1.042
SDev	.007	.004	.004	.005	.004	.0767	.011
%RSD	.6610	.3388	.3464	.4522	.3639	6.650	1.060

#1	1.072	1.060	1.037	1.036	1.074	<.0000	1.030
#2	1.064	1.066	1.043	1.043	1.074	<.0000	1.048
#3	1.078	1.065	1.041	1.045	1.067	<.0000	1.036
#4	1.079	1.069	1.045	1.047	1.067	<.0000	1.054

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	1.074	1.038	1.090	1.097	1.062	1.057	<.0000
SDev	.003	.022	.015	.010	.006	.011	.0352
%RSD	.2490	2.089	1.333	.8787	.5419	1.086	52.96

#1	1.070	1.020	1.092	1.097	1.069	1.063	<.0000
#2	1.075	1.037	1.088	1.104	1.062	1.062	<.0000
#3	1.076	1.027	1.073	1.103	1.062	1.040	<.0000
#4	1.075	1.069	1.108	1.083	1.055	1.062	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.5989	1.158	1.050	1.064
SDev	.0453	.085	.002	.004
%RSD	7.571	7.308	.2330	.3905

#1	.5989	1.137	1.047	1.061
#2	.5763	1.051	1.049	1.068
#3	.6621	1.247	1.053	1.068
#4	.5582	1.198	1.051	1.060

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 11/13/01 15:18:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0002	.0022	<.0000	<.0000	.0002	<.0000	.0024
SDev	.0008	.0061	.0271	.0019	.0004	.0001	.0022
%RSD	326.7	275.2	73.30	125.7	200.4	50.00	92.00

#1	.0012	.0057	<.0000	.0009	<.0000	<.0000	.0050
#2	.0002	.0077	<.0000	<.0000	.0004	<.0000	.0021
#3	.0002	.0017	<.0000	<.0000	.0004	<.0000	.0030
#4	<.0000	<.0000	<.0000	<.0000	.0004	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	<.0000	<.0000	.0013	<.0000	<.0000
SDev	.0022	.0023	.0011	.0009	.0017	.3338	.0247
%RSD	605.7	421.7	528.6	230.8	128.7	458.9	1090.

#1	.0028	<.0000	<.0000	<.0000	.0034	<.0000	.0045
#2	.0004	.0027	<.0000	.0004	.0020	.1364	.0045
#3	.0009	<.0000	.0007	.0004	.0007	.2819	.0196
#4	<.0000	<.0000	.0003	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0002	<.0000	.0062	.0073	.0097	.0201	<.0000
SDev	.0003	.0012	.0036	.0018	.0093	.0254	.0539
%RSD	200.5	16.60	57.73	23.95	96.23	126.9	264.2

#1	.0003	<.0000	.0031	.0064	.0079	.0114	<.0000
#2	.0003	<.0000	.0052	.0064	<.0000	<.0000	.0489
#3	<.0000	<.0000	.0114	.0099	.0185	.0115	<.0000
#4	.0003	<.0000	.0052	.0064	.0150	.0573	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0413	<.0000	<.0000	.0001
SDev	.0177	.0285	.0009	.0009
%RSD	42.89	71.13	579600.	601.4

#1	.0283	<.0000	.0008	<.0000
#2	.0544	<.0000	.0008	<.0000
#3	.0587	<.0000	<.0000	.0011
#4	.0240	<.0000	<.0000	.0006

Analysis Report

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page 1

Method: IECW Sample Name: 26390
 Run Time: 11/13/01 15:24:50
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0090	.0221	<.0000	15.25
SDev	.0008	.0063	.0343	.0015	.0004	.0000	.04
%RSD	29.66	76.34	250.8	16.73	1.671	.0000	.2710

#1	<.0000	.0006	<.0000	.0106	.0216	<.0000	15.28
#2	<.0000	<.0000	.0075	.0096	.0223	<.0000	15.28
#3	<.0000	<.0000	<.0000	.0070	.0223	<.0000	15.25
#4	<.0000	<.0000	.0234	.0091	.0223	<.0000	15.20

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0082	.0340	.4910	4.714
SDev	.0013	.0012	.0022	.0004	.0026	.1741	.005
%RSD	270.8	205.7	354.5	5.493	7.497	35.46	.0961

#1	.0006	<.0000	<.0000	.0078	.0344	.5728	4.711
#2	.0001	.0009	<.0000	.0086	.0357	.5001	4.708
#3	<.0000	<.0000	.0023	.0086	.0357	.2455	4.717
#4	<.0000	<.0000	<.0000	.0078	.0303	.6456	4.717

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0296	<.0000	17.07	.0038	.0044	<.0000	<.0000
SDev	.0004	.0037	.02	.0011	.0197	.0110	.0683
%RSD	1.244	24.50	.1345	29.57	448.0	305.5	302.3

#1	.0293	<.0000	17.07	.0029	.0114	.0107	<.0000
#2	.0293	<.0000	17.06	.0052	<.0000	<.0000	.0467
#3	.0299	<.0000	17.10	.0041	.0220	<.0000	<.0000
#4	.0299	<.0000	17.04	.0029	.0079	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.198	.0447	<.0000	.0028
SDev	.026	.0213	.0008	.0006
%RSD	2.178	47.72	37.58	19.93

#1	1.176	.0632	<.0000	.0026
#2	1.229	.0632	<.0000	.0032
#3	1.211	.0262	<.0000	.0032
#4	1.176	.0262	<.0000	.0020

Analysis Report

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page 1

Method: IECW Sample Name: 26390lab dup

Operator: it

Run Time: 11/13/01 15:27:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0065	.0223	<.0000	15.23
SDev	.0008	.0088	.0144	.0024	.0000	.0000	.04
%RSD	49.38	266.1	61.06	37.21	.0187	.0000	.2602

#1	<.0000	<.0000	<.0000	.0090	.0223	<.0000	15.19
#2	<.0000	<.0000	<.0000	.0075	.0223	<.0000	15.24
#3	<.0000	.0095	<.0000	.0034	.0223	<.0000	15.22
#4	<.0000	<.0000	<.0000	.0060	.0223	<.0000	15.29

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	<.0000	<.0000	.0084	.0330	.5183	4.728
SDev	.0013	.0017	.0018	.0004	.0011	.2476	.023
%RSD	212.0	95.49	17540.	4.643	3.341	47.77	.4817

#1	.0001	<.0000	<.0000	.0078	.0344	.2819	4.733
#2	.0026	.0001	.0002	.0086	.0317	.8638	4.733
#3	.0001	<.0000	.0023	.0086	.0330	.4273	4.696
#4	<.0000	<.0000	<.0000	.0086	.0330	.5001	4.751

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0295	<.0000	17.08	.0020	<.0000	<.0000	.0263
SDev	.0003	.0060	.02	.0065	.0118	.0219	.0990
%RSD	1.083	31.11	.1455	320.4	448.4	53.67	376.9

#1	.0293	<.0000	17.11	<.0000	<.0000	<.0000	<.0000
#2	.0299	<.0000	17.07	.0041	.0114	<.0000	.0630
#3	.0293	<.0000	17.05	.0099	<.0000	<.0000	.1444
#4	.0293	<.0000	17.08	<.0000	.0009	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.225	.0570	<.0000	.0025
SDev	.025	.0555	.0003	.0010
%RSD	2.033	97.42	26.98	39.74

#1	1.229	.0508	<.0000	.0026
#2	1.246	.1248	<.0000	.0038
#3	1.190	<.0000	<.0000	.0015
#4	1.237	.0631	<.0000	.0020

Analysis Report

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page 1

Method: IECW Sample Name: 26390spk

Operator: it

Run Time: 11/13/01 15:33:49

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0225	.2652	.2785	.2618	.2761	.0503	14.95
SDev	.0012	.0037	.0371	.0030	.0007	.0003	.06
%RSD	5.490	1.392	13.33	1.148	.2531	.5034	.3762
#1	.0239	.2642	.2626	.2663	.2766	.0506	15.02
#2	.0220	.2652	.3049	.2606	.2751	.0502	14.91
#3	.0210	.2613	.2336	.2601	.2759	.0501	14.90
#4	.0229	.2701	.3127	.2601	.2766	.0505	14.97
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1029	.1025	.2467	.2682	.2847	.7547	4.636
SDev	.0012	.0006	.0010	.0017	.0026	.1393	.021
%RSD	1.170	.5320	.3986	.6465	.9041	18.46	.4538
#1	.1039	.1027	.2460	.2691	.2867	.7910	4.657
#2	.1039	.1024	.2460	.2660	.2813	.9365	4.618
#3	.1014	.1018	.2468	.2676	.2840	.6456	4.618
#4	.1024	.1031	.2481	.2699	.2867	.6456	4.651
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2836	.0858	16.79	.2599	.2533	.2334	.2166
SDev	.0008	.0012	.01	.0068	.0060	.0198	.0282
%RSD	.2825	1.437	.0779	2.625	2.373	8.503	13.03
#1	.2844	.0839	16.77	.2654	.2613	.2162	.1922
#2	.2825	.0864	16.78	.2514	.2542	.2277	.2411
#3	.2838	.0864	16.79	.2572	.2507	.2277	.1922
#4	.2838	.0864	16.80	.2654	.2472	.2620	.2410
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.372	.3337	.0989	.2560			
SDev	.032	.0482	.0004	.0021			
%RSD	2.341	14.45	.3647	.8070			
#1	1.411	.3829	.0992	.2590			
#2	1.368	.3584	.0992	.2556			
#3	1.333	.2721	.0986	.2550			
#4	1.377	.3213	.0986	.2544			

Analysis Report

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page 1

Method: IECW Sample Name: 26391

Run Time: 11/13/01 15:36:58

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0052	<.0000	.0019	.0148	<.0000	5.894
SDev	.0010	.0041	.0206	.0005	.0004	.0000	.016
%RSD	40.05	80.15	85.49	25.48	2.848	.0000	.2709

#1	<.0000	.0039	<.0000	.0015	.0145	<.0000	5.881
#2	<.0000	.0108	<.0000	.0015	.0152	<.0000	5.916
#3	<.0000	.0049	<.0000	.0026	.0152	<.0000	5.895
#4	<.0000	.0010	<.0000	.0021	.0145	<.0000	5.885

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	<.0000	.0092	.0332	<.0000	1.293
SDev	.0012	.0010	.0006	.0004	.0030	.1242	.014
%RSD	2101.	50.82	27.39	4.890	9.019	50.60	1.101

#1	<.0000	<.0000	<.0000	.0089	.0362	<.0000	1.289
#2	<.0000	<.0000	<.0000	.0089	.0321	<.0000	1.313
#3	<.0000	<.0000	<.0000	.0096	.0349	<.0000	1.289
#4	.0018	<.0000	<.0000	.0096	.0295	<.0000	1.280

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0264	<.0000	6.659	<.0000	<.0000	<.0000	<.0000
SDev	.0000	.0037	.041	.0060	.0101	.0281	.0231
%RSD	.0038	21.32	.6185	498.9	95.69	12240.	46.49

#1	.0264	<.0000	6.678	.0049	<.0000	<.0000	<.0000
#2	.0264	<.0000	6.645	<.0000	<.0000	<.0000	<.0000
#3	.0264	<.0000	6.705	.0026	<.0000	<.0000	<.0000
#4	.0264	<.0000	6.609	<.0000	<.0000	.0342	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7000	.0286	<.0000	.0021
SDev	.0321	.0339	.0004	.0007
%RSD	4.590	118.6	17.25	35.02

#1	.7131	<.0000	<.0000	.0022
#2	.7391	.0440	<.0000	.0028
#3	.6783	.0070	<.0000	.0011
#4	.6696	.0687	<.0000	.0022

Analysis Report

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page 1

Method: IECW Sample Name: 26392
 Run Time: 11/13/01 15:39:17
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0069	<.0000	.0014	.0154	<.0000	5.911
SDev	.0013	.0074	.0285	.0011	.0004	.0000	.024
%RSD	135.0	107.8	112.3	73.73	2.402	.0000	.4112

#1	.0001	.0039	<.0000	.0016	.0152	<.0000	5.918
#2	.0001	.0178	<.0000	.0026	.0152	<.0000	5.905
#3	<.0000	.0049	<.0000	.0016	.0152	<.0000	5.939
#4	<.0000	.0010	.0096	.0000	.0159	<.0000	5.881

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	<.0000	<.0000	.0092	.0254	.1000	1.272
SDev	.0008	.0019	.0006	.0008	.0011	.3226	.013
%RSD	154.3	679.2	52.77	8.463	4.346	322.5	1.052

#1	.0003	.0019	<.0000	.0089	.0254	<.0000	1.277
#2	.0018	.0007	<.0000	.0104	.0254	.5728	1.289
#3	<.0000	<.0000	<.0000	.0089	.0241	<.0000	1.265
#4	.0003	<.0000	<.0000	.0089	.0268	<.0000	1.259

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0238	<.0000	7.021	.0035	.0114	<.0000	<.0000
SDev	.0005	.0043	.009	.0053	.0274	.0000	.0852
%RSD	2.186	27.56	.1347	153.7	239.8	.1962	502.8

#1	.0244	<.0000	7.011	<.0000	<.0000	<.0000	.0483
#2	.0238	<.0000	7.019	.0003	.0431	<.0000	<.0000
#3	.0238	<.0000	7.033	.0061	<.0000	<.0000	<.0000
#4	.0232	<.0000	7.023	.0096	.0255	<.0000	.0483

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7403	.0564	<.0000	.0029
SDev	.0416	.0817	.0014	.0010
%RSD	5.621	145.0	254.1	33.52

#1	.7348	.1426	<.0000	.0034
#2	.7522	.0687	.0013	.0028
#3	.7871	.0687	<.0000	.0039
#4	.6870	<.0000	<.0000	.0016

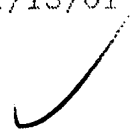
Analysis Report

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page 1

Method: IECW Sample Name: 26393
 Run Time: 11/13/01 15:41:31
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0001	.0079	.0287	.0032	.0145	<.0000	5.900
SDev	.0000	.0103	.0300	.0005	.0000	.0000	.011
%RSD	.1177	130.3	104.4	15.20	.0076	.0000	.1803

#1	.0001	<.0000	.0678	.0026	.0145	<.0000	5.903
#2	.0001	.0108	.0016	.0036	.0145	<.0000	5.904
#3	.0001	.0168	.0094	.0031	.0145	<.0000	5.885
#4	.0001	.0108	.0359	.0036	.0145	<.0000	5.909

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	.0002	.0002	<.0000	.0318	.0273	1.294
SDev	.0003	.0013	.0009	.0016	.0013	.1361	.014
%RSD	135.0	565.7	533.7	175.6	4.066	499.0	1.083

#1	<.0000	<.0000	.0004	<.0000	.0322	<.0000	1.280
#2	.0003	<.0000	<.0000	<.0000	.0308	.0273	1.313
#3	.0003	.0011	<.0000	.0010	.0308	.1728	1.295
#4	.0003	.0016	.0012	<.0000	.0335	.0636	1.289

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0267	<.0000	7.337	.0119	.0158	<.0000	.0319
SDev	.0004	.0071	.068	.0034	.0161	.0254	.0515
%RSD	1.383	40.83	.9235	28.81	101.7	125.2	161.5

#1	.0270	<.0000	7.370	.0096	.0185	<.0000	.0483
#2	.0264	<.0000	7.306	.0084	.0326	.0112	.0971
#3	.0270	<.0000	7.259	.0143	.0185	<.0000	<.0000
#4	.0264	<.0000	7.412	.0154	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7566	.0194	<.0000	.0006
SDev	.0486	.0732	.0010	.0003
%RSD	6.418	378.3	191.3	45.74

#1	.6957	.0810	<.0000	.0005
#2	.7391	.0070	<.0000	.0011
#3	.7957	.0686	<.0000	.0005
#4	.7957	<.0000	.0007	.0005

Analysis Report

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page 1

Method: IECW Sample Name: 26394

Operator: it

Run Time: 11/13/01 15:44:32

Comment:

Mode: CUNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0077	<.0000	.0009	.0174	<.0000	5.677
SDev	.0018	.0112	.0060	.0008	.0000	.0001	.023
%RSD	154.7	145.5	17.16	83.26	.0166	33.33	.3966

#1	.0001	.0178	<.0000	.0000	.0174	<.0000	5.701
#2	<.0000	.0049	<.0000	.0016	.0174	<.0000	5.669
#3	.0006	.0148	<.0000	.0016	.0174	<.0000	5.689
#4	<.0000	<.0000	<.0000	.0005	.0174	<.0000	5.650

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0002	<.0000	<.0000	.0275	<.0000	1.254
SDev	.0005	.0020	.0019	.0011	.0013	.2230	.018
%RSD	30.67	1007.	1538.	84.21	4.891	245.2	1.436

#1	<.0000	.0013	.0021	.0003	.0281	.0636	1.277
#2	<.0000	<.0000	<.0000	<.0000	.0281	<.0000	1.259
#3	<.0000	.0024	.0004	<.0000	.0281	.1364	1.247
#4	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.235

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0281	<.0000	6.646	.0079	<.0000	<.0000	<.0000
SDev	.0006	.0031	.014	.0022	.0061	.0362	.0863
%RSD	2.169	15.65	.2070	28.50	53.26	156.5	13230.

#1	.0289	<.0000	6.665	.0049	<.0000	<.0000	.0482
#2	.0276	<.0000	6.638	.0073	<.0000	<.0000	<.0000
#3	.0283	<.0000	6.645	.0096	<.0000	.0112	<.0000
#4	.0276	<.0000	6.634	.0096	<.0000	<.0000	.0809

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7501	.0071	<.0000	.0001
SDev	.0262	.0906	.0012	.0009
%RSD	3.491	1273.	81.45	1534.

#1	.7783	<.0000	<.0000	.0005
#2	.7653	.0194	<.0000	<.0000
#3	.7349	<.0000	<.0000	.0005
#4	.7219	.1304	<.0000	.0005

Analysis Report

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page 1

Method: IECW Sample Name: 26433
 Run Time: 11/13/01 15:47:44
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0006	.0151	<.0000	.0011	.0174	<.0000	5.676
SDev	.0017	.0031	.0403	.0011	.0000	.0000	.026
%RSD	264.5	20.30	212.8	105.4	.0123	.0000	.4629
#1	.0011	.0109	<.0000	<.0000	.0174	<.0000	5.687
#2	.0011	.0168	.0200	.0011	.0174	<.0000	5.642
#3	<.0000	.0148	.0095	.0016	.0174	<.0000	5.704
#4	.0021	.0178	<.0000	.0021	.0174	<.0000	5.672
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0020	.0004	.0008	<.0000	.0254	.3637	1.271
SDev	.0015	.0010	.0015	.0015	.0022	.2612	.008
%RSD	75.41	242.4	184.0	162.5	8.663	71.82	.6242
#1	.0013	.0019	.0029	<.0000	.0254	.4637	1.271
#2	.0037	<.0000	<.0000	.0003	.0281	.6456	1.283
#3	.0028	.0001	.0008	<.0000	.0227	.0273	1.268
#4	.0003	.0001	<.0000	.0003	.0254	.3182	1.265
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0267	<.0000	6.696	.0076	.0053	<.0000	<.0000
SDev	.0006	.0024	.059	.0039	.0018	.0057	.1366
%RSD	2.391	13.60	.8824	50.98	33.37	183.8	2872.
#1	.0257	<.0000	6.752	.0096	.0044	<.0000	.0156
#2	.0270	<.0000	6.630	.0119	.0079	<.0000	.1786
#3	.0270	<.0000	6.740	.0049	.0044	<.0000	<.0000
#4	.0270	<.0000	6.663	.0038	.0044	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.7664	<.0000	.0004	<.0000			
SDev	.0370	.0433	.0011	.0007			
%RSD	4.824	120.1	266.2	139.3			
#1	.8218	<.0000	.0007	<.0000			
#2	.7479	<.0000	.0013	<.0000			
#3	.7479	<.0000	<.0000	<.0000			
#4	.7479	.0071	.0007	.0005			

Analysis Report

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page 1

Method: IECW Sample Name: 26434
 Run Time: 11/13/01 15:55:50
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0091	<.0000	.0028	.0150	<.0000	5.888
SDev	.0014	.0136	.0389	.0025	.0004	.0001	.015
%RSD	241.1	149.1	106.0	86.72	2.434	33.33	.2610
#1	.0011	.0207	<.0000	.0016	.0152	<.0000	5.888
#2	<.0000	.0089	<.0000	.0005	.0152	<.0000	5.885
#3	<.0000	<.0000	.0019	.0031	.0145	<.0000	5.872
#4	<.0000	.0168	<.0000	.0062	.0152	<.0000	5.909
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0006	<.0000	.0003	<.0000	.0261	.0182	1.297
SDev	.0028	.0011	.0019	.0006	.0023	.4224	.014
%RSD	513.0	67.54	711.5	48.46	8.957	2324.	1.063
#1	.0008	<.0000	.0008	<.0000	.0241	.5365	1.307
#2	.0008	<.0000	.0016	<.0000	.0295	.1000	1.304
#3	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.277
#4	.0037	<.0000	.0012	<.0000	.0254	<.0000	1.301
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0254	<.0000	7.247	.0061	.0009	<.0000	<.0000
SDev	.0006	.0062	.035	.0055	.0135	.0237	.0638
%RSD	2.507	38.27	.4789	89.77	1542.	162.5	375.9
#1	.0257	<.0000	7.203	.0131	.0185	<.0000	.0645
#2	.0257	<.0000	7.288	.0073	.0044	<.0000	<.0000
#3	.0244	<.0000	7.246	.0003	<.0000	.0113	<.0000
#4	.0257	<.0000	7.250	.0038	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.7109	<.0000	<.0000	<.0000			
SDev	.0252	.0233	.0012	.0013			
%RSD	3.548	160.6	1860.	544.3			
#1	.7304	<.0000	.0007	<.0000			
#2	.6913	<.0000	.0001	<.0000			
#3	.6870	<.0000	<.0000	.0005			
#4	.7348	.0194	.0007	.0011			

Analysis Report

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page 1

Method: IECW Sample Name: 26470

Run Time: 11/13/01 15:57:53

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0039	.0122	.0040	.0143	<.0000	5.886
SDev	.0010	.0051	.0522	.0005	.0004	.0000	.017
%RSD	105.9	129.7	427.2	12.34	2.561	.0000	.2950
#1	<.0000	.0099	<.0000	.0046	.0145	<.0000	5.899
#2	.0001	<.0000	.0625	.0036	.0137	<.0000	5.861
#3	<.0000	.0059	.0518	.0041	.0145	<.0000	5.885
#4	<.0000	.0020	<.0000	.0036	.0145	<.0000	5.898
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0009	<.0000	.0311	<.0000	1.290
SDev	.0014	.0019	.0006	.0006	.0028	.3617	.005
%RSD	129.3	9061.	70.02	48.47	8.937	221.0	.3995
#1	<.0000	<.0000	<.0000	<.0000	.0281	<.0000	1.295
#2	<.0000	.0024	.0012	<.0000	.0335	<.0000	1.292
#3	.0003	.0001	.0012	<.0000	.0335	.3546	1.283
#4	<.0000	<.0000	.0012	<.0000	.0295	<.0000	1.289
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0273	<.0000	4.210	.0026	.0097	<.0000	<.0000
SDev	.0004	.0000	.019	.0029	.0106	.0000	.0326
%RSD	1.348	.0144	.4492	110.1	109.1	.1192	98.04
#1	.0270	<.0000	4.231	.0061	.0185	<.0000	<.0000
#2	.0276	<.0000	4.198	.0003	<.0000	<.0000	<.0000
#3	.0270	<.0000	4.190	.0038	.0044	<.0000	<.0000
#4	.0276	<.0000	4.219	.0003	.0185	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.4989	.0379	<.0000	.0008			
SDev	.0493	.0814	.0003	.0006			
%RSD	9.875	215.1	31.22	74.45			
#1	.4304	<.0000	<.0000	.0016			
#2	.5087	.1179	<.0000	.0005			
#3	.5478	<.0000	<.0000	.0005			
#4	.5087	.0933	<.0000	.0005			

Analysis Report

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page 1

Method: IECW Sample Name: 26471
 Run Time: 11/13/01 16:00:15
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0064	<.0000	.0025	.0145	<.0000	5.849
SDev	.0006	.0065	.0117	.0014	.0000	.0001	.026
%RSD	659.5	101.9	44.67	54.99	.0168	50.00	.4384

#1	.0006	.0148	<.0000	.0036	.0145	<.0000	5.857
#2	.0001	.0049	<.0000	.0031	.0145	<.0000	5.850
#3	<.0000	.0069	<.0000	.0026	.0145	<.0000	5.815
#4	<.0000	<.0000	<.0000	.0005	.0145	<.0000	5.876

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	.0006	<.0000	<.0000	.0295	.1637	1.302
SDev	.0026	.0009	.0009	.0004	.0029	.1863	.009
%RSD	865.0	155.8	194.1	115.1	9.897	113.9	.6687

#1	<.0000	.0011	.0008	.0002	.0335	.1364	1.301
#2	.0023	.0007	<.0000	<.0000	.0281	.2455	1.292
#3	<.0000	.0013	<.0000	<.0000	.0295	.3546	1.304
#4	.0028	<.0000	<.0000	<.0000	.0268	<.0000	1.313

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0252	<.0000	4.167	.0058	.0079	<.0000	<.0000
SDev	.0006	.0025	.033	.0055	.0132	.0254	.0326
%RSD	2.420	12.05	.8004	94.88	166.4	97.68	97.93

#1	.0244	<.0000	4.159	<.0000	.0220	<.0000	<.0000
#2	.0251	<.0000	4.167	.0061	<.0000	<.0000	<.0000
#3	.0257	<.0000	4.130	.0096	.0079	<.0000	<.0000
#4	.0257	<.0000	4.211	.0096	.0114	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.5021	.0317	<.0000	.0008
SDev	.0272	.0246	.0008	.0006
%RSD	5.410	77.81	1219.	74.51

#1	.5086	<.0000	.0007	.0005
#2	.4956	.0440	.0001	.0016
#3	.5347	.0440	<.0000	.0005
#4	.4695	.0440	.0001	.0005

Analysis Report

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page 1

Method: IECW Sample Name: 26472
 Run Time: 11/13/01 16:13:00
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0017	.0894	.0135	.0288	<.0000	24.90
SDev	.0013	.0046	.0223	.0008	.0004	.0000	.09
%RSD	93.32	264.8	24.99	5.646	1.259	.0000	.3633

#1	.0003	.0032	.0788	.0139	.0286	<.0000	24.97
#2	<.0000	.0003	.1080	.0129	.0286	<.0000	24.88
#3	<.0000	.0072	.0630	.0129	.0286	<.0000	24.78
#4	<.0000	<.0000	.1080	.0144	.0294	<.0000	24.97

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	.0013	<.0000	.0615	1.064	8.318
SDev	.0012	.0010	.0012	.0004	.0039	.113	.029
%RSD	1402.	72.05	91.51	20.51	6.326	10.63	.3465

#1	<.0000	<.0000	.0029	<.0000	.0662	1.191	8.333
#2	.0009	<.0000	.0004	<.0000	.0567	.9365	8.324
#3	<.0000	<.0000	.0004	<.0000	.0608	1.009	8.276
#4	.0009	.0000	.0016	<.0000	.0621	1.118	8.339

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0679	<.0000	27.46	.0078	<.0000	<.0000	.0245
SDev	.0000	.0012	.17	.0050	.0241	.0236	.0963
%RSD	.0034	6.480	.6222	63.20	2718.	238.2	392.7

#1	.0679	<.0000	27.50	.0032	.0185	<.0000	<.0000
#2	.0679	<.0000	27.45	.0137	.0150	<.0000	<.0000
#3	.0679	<.0000	27.24	.0102	<.0000	.0216	.0612
#4	.0679	<.0000	27.66	.0043	<.0000	<.0000	.1427

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.335	.1159	<.0000	.0003
SDev	.016	.0407	.0008	.0010
%RSD	1.190	35.12	148.6	349.7

#1	1.318	.1190	.0004	.0013
#2	1.326	.1683	<.0000	.0007
#3	1.344	.1067	<.0000	.0001
#4	1.352	.0697	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: ipc
 Run Time: 11/13/01 16:19:58
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4684	.9552	.0166	.8943	.9477	.9512	.9680
SDev	.0009	.0049	.0314	.0058	.0037	.0024	.0045
%RSD	.1932	.5090	189.7	.6514	.3922	.2539	.4623

#1	.4697	.9569	.0522	.9022	.9520	.9547	.9732
#2	.4683	.9589	<.0000	.8940	.9446	.9497	.9652
#3	.4678	.9569	.0205	.8883	.9498	.9510	.9702
#4	.4678	.9480	.0180	.8925	.9446	.9494	.9634

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9578	.9538	.9310	.9255	.9409	1.346	.9589
SDev	.0085	.0033	.0038	.0030	.0030	.200	.0076
%RSD	.8904	.3485	.4034	.3200	.3177	14.87	.7917

#1	.9702	.9543	.9365	.9298	.9419	1.082	.9513
#2	.9515	.9559	.9282	.9236	.9392	1.300	.9574
#3	.9564	.9490	.9294	.9251	.9446	1.518	.9694
#4	.9530	.9561	.9299	.9236	.9379	1.482	.9574

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9516	.9103	1.035	.9788	.9676	1.008	.0359
SDev	.0031	.0065	.024	.0164	.0244	.017	.0507
%RSD	.3215	.7163	2.292	1.678	2.527	1.706	141.3

#1	.9558	.9091	1.065	.9884	1.004	.9940	<.0000
#2	.9500	.9017	1.036	.9966	.9544	.9940	.0929
#3	.9519	.9140	1.007	.9616	.9615	1.028	.0114
#4	.9487	.9165	1.032	.9686	.9509	1.017	.0604

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9039	1.006	.9369	.9448
SDev	.0396	.043	.0028	.0047
%RSD	4.381	4.284	.2956	.5031

#1	.9007	.9910	.9398	.9445
#2	.8615	.9540	.9335	.9382
#3	.8963	1.053	.9360	.9486
#4	.9572	1.028	.9385	.9480

Analysis Report

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page 1

Method: IECW Sample Name: cb
Run Time: 11/13/01 16:25:42
Comment:
Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0008	.0088	.0369	.0007	.0004	.0001	.0019
%RSD	326.6	123.1	102.0	22.62	200.7	38.49	194.9
#1	<.0000	.0030	.0033	<.0000	<.0000	<.0000	.0014
#2	.0007	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0005	<.0000	<.0000	.0003	<.0000	<.0000
SDev	.0005	.0016	.0010	.0010	.0017	.2370	.0125
%RSD	80.03	344.3	118.5	103.3	510.5	173.3	117.8
#1	<.0000	.0019	.0005	.0002	<.0000	.0729	<.0000
#2	<.0000	<.0000	<.0000	<.0000	.0010	<.0000	<.0000
#3	<.0000	.0010	<.0000	<.0000	.0024	<.0000	.0000
#4	<.0000	.0008	<.0000	<.0000	<.0000	<.0000	<.0000
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0000	<.0000	<.0000	.0023	<.0000	<.0000	.0082
SDev	.0003	.0084	.0168	.0031	.0261	.0434	.0820
%RSD	49580.	80.11	78.86	132.1	1484.	759.7	1003.
#1	.0002	<.0000	<.0000	.0053	.0026	.0573	<.0000
#2	.0002	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0018	.0273	<.0000	<.0000
#4	.0002	<.0000	<.0000	.0041	<.0000	<.0000	.1222
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.0303	<.0000	<.0000	<.0000			
SDev	.0562	.0415	.0004	.0009			
%RSD	185.3	675.9	76.90	200.2			
#1	.0866	<.0000	<.0000	<.0000			
#2	.0390	.0556	<.0000	.0000			
#3	.0433	<.0000	<.0000	.0000			
#4	<.0000	<.0000	<.0000	<.0000			

Analysis Report

02/05/02 10:55:41 AM

page 1

Method: IECW Sample Name: 26317 Operator: it
 Run Time: 02/05/02 10:53:57
 Comment:
 Mode: CONC Corr. Factor: 1

*FL analyzed bottle
 from orig No digest
 2/5/02*

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0492	.0286	.0039	.0839	<.0000	17.53
SDev	.0017	.0192	.0274	.0016	.0004	.0001	.05
%RSD	15.38	38.95	95.73	40.29	.4510	6.667	.2690

#1	<.0000	.0765	.0308	.0060	.0841	<.0000	17.53
#2	<.0000	.0452	.0521	.0040	.0841	<.0000	17.59
#3	<.0000	.0319	<.0000	.0022	.0834	<.0000	17.48
#4	<.0000	.0430	.0418	.0035	.0841	<.0000	17.53

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0517	7.255	<.0000	5.380
SDev	.0015	.0015	.0016	.0009	.041	.2137	.010
%RSD	277.0	20.97	38.12	1.666	5666	22.72	.1895

#1	.0010	<.0000	<.0000	.0530	7.286	<.0000	5.370
#2	<.0000	<.0000	<.0000	.0512	7.293	<.0000	5.394
#3	<.0000	<.0000	<.0000	.0512	7.214	<.0000	5.382
#4	.0004	<.0000	<.0000	.0512	7.224	<.0000	5.376

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	1.387	<.0000	18.84	<.0000	<.0000	<.0000	.0183
SDev	.013	.0096	.09	.0040	.0069	.0558	.0847
%RSD	.9154	80.93	.4666	49.85	13.96	100.7	462.7

#1	1.405	.0006	18.72	<.0000	<.0000	<.0000	<.0000
#2	1.381	<.0000	18.93	<.0000	<.0000	<.0000	.1435
#3	1.377	<.0000	18.81	<.0000	<.0000	<.0000	<.0000
#4	1.383	<.0000	18.87	<.0000	<.0000	.0130	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	1.753	.2204	<.0000	.0072
SDev	.054	.1825	.0006	.0013
%RSD	3.092	82.79	8.591	18.08

#1	1.833	.3140	<.0000	.0085
#2	1.724	.0798	<.0000	.0055
#3	1.719	.0565	<.0000	.0070
#4	1.734	.4313	<.0000	.0078