

(WTC same)

10/4/01 FT pr: 14A			10/
BIR	- 24293	23680	B
5STD	24333	683	55
IPC + CB	334	684	IF
LFB + LRB	335	682	LF
24214 + spk	IPC + CB	685	2
24215	LFB + LRB	686	
24216	23547	IPC + CB	
24217	548 + spk	x. pr BIR	
24218	549	Spk $\frac{3.895 \times 50}{.1078} = 1806.6$ ^{94.4}	
219	550		
220	551	Dup $\frac{4.024 \times 50}{.1032} = 1949.6$ ^{101.8}	
236	552	24774 $\frac{.1431 \times 50}{.2708} = 26.4$	
237	553		
238	554	24775 <	
IPC + CB	555	24776 $\frac{.373 \times 50}{.2703} = 6.9$	IF
24287 spk	556	24777 <	23.
24288	IPC + CB	24778 <	
289	23557 + spk	24779 <	
290	23581	24780 $\frac{.5762 \times 50}{.25} = 115$	6
291	23583		6
- 292	23660	CCU + CCB	6

Method: IECW Standard: STD1-Blank

Run Time: 10/11/01 10:16:59

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	2.280	6.827	1.781	.5520	.2185	.3215	6.944
SDev	.006	.022	.056	.0000	.0010	.0010	.024
%RSD	.2808	.3284	3.135	.0000	.4577	.3110	.3512

#1	2.276	6.818	1.712	.5520	.2180	.3220	6.974
#2	2.278	6.800	1.774	.5520	.2180	.3200	6.916
#3	2.290	6.850	1.788	.5520	.2200	.3220	6.950
#4	2.278	6.840	1.848	.5520	.2180	.3220	6.936

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.5515	6.010	1.969	.9905	.0010	7.525	2.550
SDev	.0094	.034	.012	.0019	.0050	.014	.009
%RSD	1.711	.5669	.6229	.1933	503.3	.1910	.3679

#1	.5520	5.996	1.960	.9900	.0080	7.516	2.546
#2	.5380	5.976	1.986	.9920	.0000	7.512	2.564
#3	.5580	6.056	1.968	.9880	-.0040	7.544	2.544
#4	.5580	6.014	1.960	.9920	.0000	7.528	2.546

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1880	.3960	3.350	.9025	1.884	.4365	.4230
SDev	.0016	.0037	.009	.0072	.003	.0079	.0212
%RSD	.8686	.9221	.2714	.7964	.1734	1.809	5.011

#1	.1860	.4000	3.348	.8980	1.884	.4300	.4100
#2	.1900	.3940	3.340	.9120	1.884	.4400	.4000
#3	.1880	.3920	3.362	.9040	1.880	.4460	.4400
#4	.1880	.3980	3.350	.8960	1.888	.4300	.4420

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8715	.3145	1.266	.4155
SDev	.0025	.0100	.002	.0041
%RSD	.2888	3.174	.1512	.9923

#1	.8680	.3140	1.268	.4180
#2	.8720	.3040	1.264	.4120
#3	.8720	.3280	1.266	.4120
#4	.8740	.3120	1.268	.4200

Standardization Rpt.

10/11/01 10:21:50 AM

page 1

Method: IECW Standard: STD6
Run Time: 10/11/01 10:20:28



Elem	Ag3280
Avge	32.54
SDev	.12
%RSD	.3555

#1	32.66
#2	32.59
#3	32.53
#4	32.39

Method: IECW Standard: STD3
Run Time: 10/11/01 10:22:36

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	21.80	253.5	12.80	8.154	9.822	18.66	2.493
SDev	.04	.9	.03	.054	.039	.06	.006
%RSD	.1676	.3443	.2212	.6633	.3997	.3235	.2395

#1	21.83	254.3	12.80	8.104	9.776	18.68	2.496
#2	21.75	252.5	12.77	8.132	9.808	18.66	2.486
#3	21.82	254.2	12.83	8.150	9.868	18.73	2.492
#4	21.80	253.1	12.78	8.230	9.836	18.58	2.500

Elem	Tl1908
Avge	1.849
SDev	.021
%RSD	1.139

#1	1.854
#2	1.826
#3	1.876
#4	1.842

Standardization Rpt.

10/11/01 10:28:45 AM

page 1

Method: IECW Standard: STD4

Run Time: 10/11/01 10:27:23

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	14.76	53.30	42.83	2.602	4.984
SDev	.16	.28	.09	.040	.014
%RSD	1.089	.5161	.2096	1.523	.2799
#1	14.76	53.48	42.90	2.612	5.000
#2	14.97	53.47	42.91	2.628	4.990
#3	14.57	52.90	42.74	2.544	4.978
#4	14.74	53.37	42.77	2.626	4.968

Standardization Rpt.

10/11/01 10:31:29 AM

page 1

Method: IECW

Standard: STD2

Run Time: 10/11/01 10:30:07

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cr51	Fe55	Pb214
Avge	12.24	77.44	43.28	138.8	19.73	10.79	8.814
SDev	.02	.02	.06	.1	.08	.08	.08
%RSD	.1672	.0319	.1435	.0828	.0828	.0828	.0828
#1	12.23	77.42	43.26	138.9	19.73	10.79	8.814
#2	12.22	77.46	43.25	138.9	19.73	10.80	8.814
#3	12.23	77.45	43.37	138.8	19.71	10.79	8.814
#4	12.27	77.41	43.23	138.7	19.74	10.78	8.798

Elem	Mn2576	Pb2203	Zn2138
Avge	25.97	7.253	47.04
SDev	.02	.028	.05
%RSD	.0638	.3916	.1028
#1	25.99	7.214	47.05
#2	25.95	7.280	47.04
#3	25.97	7.252	47.10
#4	25.97	7.266	46.98

Standardization Rpt.

10/11/01 10:34:08 AM

page 1

Method: IECW Standard: STD5
Run Time: 10/11/01 10:32:46

Elem V_2924
Avge 24.60
SDev .07
%RSD .2952

#1 24.55
#2 24.55
#3 24.60
#4 24.70

Analysis Report

10/11/01 10:43:56 AM

page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 10/11/01 10:42:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5046	1.003	.0197	1.004	.9849	.9981	1.021
SDev	.0007	.020	.0473	.003	.0054	.0032	.002
%RSD	.1311	1.982	240.3	.2982	.5519	.3258	.2130

#1	.5042	.9755	.0458	1.001	.9783	.9969	1.019
#2	.5042	1.010	<.0000	1.001	.9849	.9946	1.023
#3	.5042	1.022	<.0000	1.005	.9916	1.002	1.020
#4	.5056	1.004	.0715	1.007	.9849	.9989	1.023

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.015	1.010	1.006	.9849	1.024	<.0000	.9618
SDev	.006	.005	.006	.0036	.007	.3148	.0168
%RSD	.5921	.4764	.5704	.3692	.6750	13.77	1.745

#1	1.009	1.007	1.004	.9814	1.018	<.0000	.9379
#2	1.012	1.011	1.003	.9846	1.029	<.0000	.9634
#3	1.023	1.006	1.015	.9900	1.032	<.0000	.9762
#4	1.014	1.016	1.004	.9836	1.019	<.0000	.9698

Elem	Mn2576	Mo2020	Na5889	OK Ni2316	Pb2203	Sb2068	Se1960
Avge	1.004	.9849	1.037	1.019	1.013	.9851	.0588
SDev	.002	.0060	.027	.008	.008	.0197	.0586
%RSD	.2273	.6056	2.630	.7890	.8155	1.998	99.60

#1	1.002	.9798	.9985	1.009	1.025	1.015	.1458
#2	1.003	.9901	1.058	1.021	1.010	.9753	.0177
#3	1.007	.9901	1.036	1.017	1.007	.9752	.0359
#4	1.006	.9798	1.055	1.028	1.010	.9753	.0360

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.074	1.016	1.005	1.007
SDev	.012	.038	.007	.001
%RSD	1.138	3.775	.7122	.0921

#1	1.057	.9770	.9940	1.006
#2	1.077	1.055	1.008	1.006
#3	1.077	.9899	1.009	1.007
#4	1.087	1.042	1.009	1.008

Analysis Report

10/11/01 10:46:32 AM

page 1

Method: IECW Sample Name: cb
 Run Time: 10/11/01 10:44:45
 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	.0013	.0144	.0313	.0012	.0000	.0001	.0020
%RSD	27.36	49.86	166.2	156.1	.1845	34.43	27.19

#1	<.0000	<.0000	.0004	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.0125	.0006	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	.0006	<.0000	<.0000	.0031	<.0000	<.0000
SDev	.0004	.0010	.0025	.0014	.0030	.4289	.0109
%RSD	190.1	170.4	102.9	21.52	94.33	17.11	36.80

#1	.0006	.0010	<.0000	<.0000	.0051	<.0000	<.0000
#2	.0006	.0004	<.0000	<.0000	.0051	<.0000	<.0000
#3	.0001	.0016	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	.0035	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	.0014	<.0000	<.0000	.0138
SDev	.0006	.0056	.0533	.0043	.0330	.0188	.0739
%RSD	164.0	217.6	66.90	300.4	295.3	40.36	534.6

#1	<.0000	.0026	<.0000	<.0000	.0130	<.0000	<.0000
#2	.0004	<.0000	<.0000	.0051	<.0000	<.0000	.0229
#3	<.0000	.0000	<.0000	.0051	.0205	<.0000	.1143
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0066	<.0000	<.0000
SDev	.0101	.0770	.0019	.0017
%RSD	48.71	1169.	46.67	519.2

#1	<.0000	.0555	<.0000	<.0000
#2	<.0000	.0685	<.0000	.0004
#3	<.0000	.0033	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0013

Method: IECW Sample Name: lfb
Run Time: 10/11/01 10:59:43
Comment:
Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0198	.2356	.2376	.2543	.2439	.0483	.0081
SDev	.0017	.0017	.0436	.0004	.0034	.0001	.0021
%RSD	8.767	.7322	18.35	.1486	1.407	.2110	25.57

#1	.0174	.2377	.2210	.2545	.2418	.0482	.0110
#2	.0200	.2363	.2180	.2538	.2468	.0484	.0079
#3	.0207	.2336	.2088	.2545	.2468	.0484	.0073
#4	.0213	.2350	.3025	.2545	.2401	.0483	.0061

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1039	.0993	.2484	.2579	.2489	<.0000	<.0000
SDev	.0038	.0008	.0034	.0005	.0033	.3996	.0112
%RSD	3.623	.8302	1.355	.2071	1.308	18.65	197.7

#1	.1011	.0989	.2489	.2576	.2450	<.0000	.0055
#2	.1091	.1002	.2503	.2587	.2482	<.0000	<.0000
#3	.1011	.0984	.2435	.2576	.2528	<.0000	<.0000
#4	.1044	.0998	.2508	.2576	.2497	<.0000	.0023

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2494	.0973	<.0000	.2513	.2191	.2214	.2719
SDev	.0017	.0053	.0466	.0119	.0167	.0276	.0548
%RSD	.6721	5.470	139.1	4.745	7.631	12.47	20.16

#1	.2486	.0941	<.0000	.2581	.2182	.2409	.2949
#2	.2494	.1018	<.0000	.2491	.2293	.2409	.2582
#3	.2517	.0915	<.0000	.2355	.1959	.1823	.3316
#4	.2479	.1018	.0303	.2626	.2331	.2214	.2031

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.1993	.2450	.0964	.2516
SDev	.0049	.0614	.0018	.0009
%RSD	2.432	25.07	1.851	.3409

#1	.2017	.2842	.0968	.2521
#2	.2017	.1533	.0942	.2521
#3	.1920	.2712	.0959	.2504
#4	.2017	.2711	.0985	.2521

Analysis Report

10/11/01 11:04:02 AM

page 1

Method: IECW Sample Name: lrb

Operator: it

Run Time: 10/11/01 11:02:18

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0032	.0198	.0148	.0004	.0008	.0001	.0046
%RSD	971.4	184.8	150.3	12.90	99.78	230.9	180.8

#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	.0028	.0134	<.0000	<.0000	.0004	.0000	.0024
#4	.0015	<.0000	.0063	<.0000	<.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	.0000	.0002	<.0000	.0027	<.0000	.0135
SDev	.0021	.0016	.0027	.0018	.0034	.7815	.0291
%RSD	904.7	4421.	1109.	341.4	123.4	724.3	215.2

#1	<.0000	<.0000	<.0000	<.0000	.0027	<.0000	.0056
#2	.0033	<.0000	.0012	<.0000	.0043	<.0000	<.0000
#3	<.0000	.0014	.0012	.0013	.0058	.7552	.0564
#4	<.0000	.0015	.0022	.0003	<.0000	.2620	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	<.0000	.0000	.0049	.0138
SDev	.0004	.0013	.0482	.0055	.0345	.0216	.0890
%RSD	57.54	18.35	123.8	70.04	1080000.	439.9	645.5

#1	<.0000	<.0000	<.0000	<.0000	.0437	.0171	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	.0102	.0268	.1215
#4	<.0000	<.0000	.0210	<.0000	<.0000	<.0000	.0390

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0036	<.0000	<.0000	<.0000
SDev	.0073	.0377	.0016	.0015
%RSD	200.2	44.26	182.2	285.1

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0003
#3	.0120	<.0000	.0009	<.0000
#4	.0073	<.0000	.0000	.0012

Method: IECW Sample Name: 24214

Operator: it

Run Time: 10/11/01 11:12:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0018	.0157	<.0000	5.599
SDev	.0005	.0106	.0188	.0010	.0010	.0001	.014
%RSD	28.30	98.79	59.08	53.89	6.131	46.19	.2524

#1	<.0000	<.0000	<.0000	.0012	.0148	<.0000	5.605
#2	<.0000	<.0000	<.0000	.0008	.0148	<.0000	5.592
#3	<.0000	<.0000	<.0000	.0027	.0165	<.0000	5.615
#4	<.0000	<.0000	<.0000	.0027	.0165	<.0000	5.583

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0017	<.0000	<.0000	<.0000	.0175	.5857	1.195
SDev	.0007	.0020	.0030	.0019	.0022	.2037	.014
%RSD	41.36	556.7	315.1	125.7	12.62	34.78	1.198

#1	.0023	<.0000	<.0000	<.0000	.0160	.5703	1.207
#2	.0013	<.0000	<.0000	<.0000	.0175	.6319	1.175
#3	.0009	<.0000	.0015	<.0000	.0207	.3237	1.194
#4	.0023	.0022	.0005	.0012	.0160	.8169	1.204

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0230	<.0000	7.736	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0032	.025	.0060	.0175	.0269	.0318
%RSD	1.687	45.37	.3193	523.4	85.78	68.48	428.0

#1	.0236	<.0000	7.729	.0076	<.0000	<.0000	.0017
#2	.0228	<.0000	7.707	<.0000	<.0000	<.0000	.0018
#3	.0228	<.0000	7.741	<.0000	<.0000	<.0000	.0201
#4	.0228	<.0000	7.766	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9212	.0013	<.0000	<.0000
SDev	.0122	.0722	.0008	.0006
%RSD	1.325	5647.	72.67	43.85

#1	.9382	.0340	<.0000	<.0000
#2	.9091	.0865	<.0000	<.0000
#3	.9188	<.0000	<.0000	<.0000
#4	.9188	<.0000	<.0000	<.0000

Analysis Report

10/11/01 11:20:11 AM

page 1

Method: IECW Sample Name: 24214spk

Operator: it

Run Time: 10/11/01 11:18:26

Comment:

Mode: CONC — Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0194	.2453	.2335	.2550	.2620	.0483	5.543
SDev	.0025	.0106	.0237	.0022	.0017	.0001	.007
%RSD	12.85	4.342	10.13	.8756	.6350	.2455	.1268

#1	.0186	.2369	.2632	.2527	.2612	.0482	5.536
#2	.0225	.2516	.2185	.2542	.2612	.0482	5.547
#3	.0199	.2570	.2415	.2550	.2645	.0482	5.551
#4	.0166	.2356	.2110	.2580	.2612	.0484	5.538

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1050	.0986	.2480	.2641	.2727	<.0000	1.168
SDev	.0012	.0008	.0025	.0010	.0008	.6193	.010
%RSD	1.121	.8029	1.023	.3871	.2877	251.1	.8888

#1	.1034	.0995	.2482	.2649	.2739	<.0000	1.156
#2	.1053	.0980	.2462	.2639	.2723	.5703	1.168
#3	.1062	.0980	.2462	.2628	.2723	<.0000	1.168
#4	.1053	.0992	.2516	.2649	.2723	<.0000	1.181

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2734	.0914	7.645	.2493	.2126	.1894	.2208
SDev	.0020	.0037	.040	.0108	.0094	.0402	.0666
%RSD	.7327	3.992	.5185	4.327	4.397	21.22	30.16

#1	.2710	.0940	7.626	.2443	.2033	.2016	.2209
#2	.2757	.0914	7.704	.2645	.2256	.1625	.3126
#3	.2741	.0940	7.620	.2397	.2108	.1528	.1933
#4	.2726	.0862	7.629	.2488	.2108	.2407	.1566

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.105	.2757	.0970	.2505
SDev	.002	.0811	.0008	.0018
%RSD	.2214	29.41	.8466	.7059

#1	1.108	.3216	.0967	.2486
#2	1.104	.3477	.0976	.2494
#3	1.104	.1644	.0976	.2520
#4	1.104	.2691	.0959	.2520

Analysis Report

10/11/01 11:23:21 AM

page 1

Method: IECW Sample Name: 24215
 Run Time: 10/11/01 11:21:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0275	.0015	.0136	<.0000	5.553
SDev	.0013	.0038	.0253	.0009	.0008	.0000	.008
%RSD	36.87	14.90	91.80	63.95	6.124	33.33	.1488
#1	<.0000	<.0000	.0087	.0027	.0132	<.0000	5.562
#2	<.0000	<.0000	.0072	.0004	.0148	<.0000	5.547
#3	<.0000	<.0000	.0610	.0016	.0132	<.0000	5.559
#4	<.0000	<.0000	.0332	.0012	.0132	<.0000	5.546
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0183	<.0000	1.165
SDev	.0013	.0023	.0011	.0018	.0041	.2780	.017
%RSD	90.53	48.37	35.21	54.61	22.56	200.4	1.495
#1	.0004	<.0000	<.0000	<.0000	.0238	.2004	1.184
#2	<.0000	<.0000	<.0000	<.0000	.0144	<.0000	1.175
#3	<.0000	<.0000	<.0000	<.0000	.0191	<.0000	1.156
#4	<.0000	<.0000	<.0000	<.0000	.0160	<.0000	1.146
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0214	<.0000	6.911	.0006	<.0000	<.0000	<.0000
SDev	.0004	.0053	.036	.0037	.0205	.0338	.0420
%RSD	1.806	74.29	.5195	671.8	146.9	1323.	82.35
#1	.0220	<.0000	6.944	.0008	.0065	.0072	<.0000
#2	.0212	<.0000	6.904	.0031	<.0000	.0072	<.0000
#3	.0212	<.0000	6.863	.0031	<.0000	<.0000	<.0000
#4	.0212	<.0000	6.932	<.0000	<.0000	.0267	.0110
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8909	<.0000	<.0000	<.0000			
SDev	.0100	.0393	.0008	.0008			
%RSD	1.123	334.2	18.03	70.45			
#1	.9043	.0078	<.0000	<.0000			
#2	.8800	<.0000	<.0000	<.0000			
#3	.8897	<.0000	<.0000	<.0000			
#4	.8897	.0341	<.0000	<.0000			

Analysis Report

10/11/01 11:25:44 AM

page 1

Method: IECW Sample Name: 24216

Run Time: 10/11/01 11:24:00

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0226	.0028	.0163	<.0000	7.395
SDev	.0006	.0118	.0179	.0009	.0000	.0000	.013
%RSD	8.965	32.19	79.28	33.48	.0076	.0000	.1798
#1	<.0000	<.0000	.0021	.0026	.0163	<.0000	7.414
#2	<.0000	<.0000	.0252	.0018	.0163	<.0000	7.395
#3	<.0000	<.0000	.0453	.0029	.0163	<.0000	7.389
#4	<.0000	<.0000	.0178	.0041	.0163	<.0000	7.384
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0025	.0258	<.0000	1.849
SDev	.0020	.0021	.0012	.0010	.0020	.3537	.029
%RSD	132.8	41.45	20.26	41.11	7.856	49.89	1.589
#1	.0004	<.0000	<.0000	.0033	.0281	<.0000	1.823
#2	<.0000	<.0000	<.0000	.0033	.0250	<.0000	1.874
#3	<.0000	<.0000	<.0000	.0022	.0266	<.0000	1.823
#4	<.0000	<.0000	<.0000	.0012	.0234	<.0000	1.874
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0299	<.0000	9.892	<.0000	<.0000	<.0000	.0015
SDev	.0007	.0068	.031	.0030	.0267	.0138	.0290
%RSD	2.486	61.36	.3180	291.3	52.28	43.20	1922.
#1	.0297	<.0000	9.867	<.0000	<.0000	<.0000	.0107
#2	.0289	<.0000	9.902	<.0000	<.0000	<.0000	<.0000
#3	.0305	<.0000	9.867	.0029	<.0000	<.0000	.0382
#4	.0305	<.0000	9.933	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.080	<.0000	<.0000	.0015			
SDev	.009	.0376	.0012	.0007			
%RSD	.8629	54.92	23.18	46.87			
#1	1.093	<.0000	<.0000	.0015			
#2	1.073	<.0000	<.0000	.0015			
#3	1.073	<.0000	<.0000	.0024			
#4	1.083	<.0000	<.0000	.0006			

Analysis Report

10/11/01 11:29:30 AM

page 1

Method: IECW Sample Name: 24217

Run Time: 10/11/01 11:27:46

Comment:

Operator: it

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0170	.0027	.0160	<.0000	6.097
SDev	.0021	.0123	.0253	.0008	.0008	.0000	.025
%RSD	41.86	51.62	148.9	30.60	5.171	33.33	.4037

#1	<.0000	<.0000	.0207	.0034	.0164	<.0000	6.117
#2	<.0000	<.0000	.0514	.0030	.0164	<.0000	6.117
#3	<.0000	<.0000	<.0000	.0030	.0165	<.0000	6.085
#4	<.0000	<.0000	<.0000	.0015	.0148	<.0000	6.068

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0012	.0518	<.0000	1.287
SDev	.0014	.0014	.0026	.0019	.0013	.5838	.039
%RSD	470.9	24.49	59.84	164.4	2.445	180.4	3.035

#1	.0013	<.0000	<.0000	.0033	.0534	<.0000	1.331
#2	<.0000	<.0000	<.0000	.0023	.0518	.2620	1.305
#3	<.0000	<.0000	<.0000	<.0000	.0503	<.0000	1.270
#4	.0004	<.0000	<.0000	.0001	.0519	<.0000	1.242

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0358	<.0000	7.416	<.0000	<.0000	<.0000	<.0000
SDev	.0012	.0042	.056	.0049	.0167	.0211	.0760
%RSD	3.252	64.47	.7484	64.15	60.00	95.26	1016.

#1	.0352	<.0000	7.495	<.0000	<.0000	.0071	.0751
#2	.0367	<.0000	7.370	<.0000	<.0000	<.0000	<.0000
#3	.0367	<.0000	7.386	<.0000	<.0000	<.0000	<.0000
#4	.0344	<.0000	7.411	<.0000	<.0000	<.0000	.0293

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9393	<.0000	<.0000	.0008
SDev	.0140	.0458	.0022	.0010
%RSD	1.485	299.7	70.25	132.2

#1	.9380	.0076	<.0000	.0015
#2	.9381	<.0000	<.0000	.0015
#3	.9576	.0339	<.0000	<.0000
#4	.9236	<.0000	<.0000	.0007

Analysis Report

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page 1

Method: IECW Sample Name: 24218
 Run Time: 10/11/01 11:30:19
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0078	.0038	.0151	<.0000	6.764
SDev	.0019	.0092	.0362	.0017	.0008	.0000	.010
%RSD	35.74	25.45	465.9	45.36	5.508	25.00	.1548

#1	<.0000	<.0000	.0424	.0034	.0147	<.0000	6.774
#2	<.0000	<.0000	<.0000	.0041	.0147	<.0000	6.770
#3	<.0000	<.0000	<.0000	.0060	.0164	<.0000	6.751
#4	<.0000	<.0000	.0345	.0018	.0147	<.0000	6.760

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	<.0000	.0046	.0282	<.0000	1.606
SDev	.0023	.0023	.0011	.0013	.0046	.2307	.010
%RSD	597.9	43.28	27.14	28.96	16.30	213.8	.6157

#1	.0037	<.0000	<.0000	.0044	.0267	.1387	1.601
#2	<.0000	<.0000	<.0000	.0065	.0236	<.0000	1.620
#3	.0004	<.0000	<.0000	.0033	.0282	<.0000	1.598
#4	<.0000	<.0000	<.0000	.0044	.0345	<.0000	1.604

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0280	<.0000	9.096	<.0000	<.0000	<.0000	<.0000
SDev	.0007	.0053	.028	.0067	.0292	.0093	.0431
%RSD	2.653	32.78	.3028	123.0	80.56	31.72	97.27

#1	.0282	<.0000	9.133	<.0000	<.0000	<.0000	.0200
#2	.0274	<.0000	9.067	<.0000	.0065	<.0000	<.0000
#3	.0274	<.0000	9.098	<.0000	<.0000	<.0000	<.0000
#4	.0290	<.0000	9.086	.0007	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.038	.0137	<.0000	.0015
SDev	.012	.0610	.0015	.0009
%RSD	1.172	444.1	29.23	61.56

#1	1.040	<.0000	<.0000	.0028
#2	1.025	.0726	<.0000	.0015
#3	1.054	.0596	<.0000	.0006
#4	1.035	<.0000	<.0000	.0011

Method: IECW Sample Name: 24219
 Run Time: 10/11/01 11:33:01
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0165	.0032	.0140	<.0000	5.624
SDev	.0010	.0043	.0116	.0023	.0010	.0000	.009
%RSD	13.47	11.96	70.34	71.35	6.866	.0000	.1517

#1	<.0000	<.0000	.0149	.0016	.0132	<.0000	5.635
#2	<.0000	<.0000	.0334	.0027	.0132	<.0000	5.616
#3	<.0000	<.0000	.0089	.0065	.0148	<.0000	5.619
#4	<.0000	<.0000	.0088	.0019	.0148	<.0000	5.624

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0039	.0293	<.0000	1.173
SDev	.0015	.0016	.0013	.0006	.0037	.3428	.008
%RSD	126.4	26.83	17.91	15.94	12.72	85.54	.6452

#1	<.0000	<.0000	<.0000	.0033	.0269	<.0000	1.175
#2	<.0000	<.0000	<.0000	.0033	.0285	<.0000	1.178
#3	<.0000	<.0000	<.0000	.0044	.0347	.0154	1.178
#4	.0004	<.0000	<.0000	.0044	.0269	<.0000	1.162

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0197	<.0000	7.621	<.0000	<.0000	<.0000	<.0000
SDev	.0006	.0065	.024	.0101	.0202	.0201	.0493
%RSD	3.222	50.11	.3156	102.3	57.26	51.41	53.49

#1	.0197	<.0000	7.604	.0042	<.0000	<.0000	<.0000
#2	.0197	<.0000	7.598	<.0000	<.0000	<.0000	<.0000
#3	.0189	<.0000	7.648	<.0000	<.0000	<.0000	<.0000
#4	.0205	<.0000	7.635	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9091	<.0000	<.0000	.0033
SDev	.0112	.1066	.0016	.0019
%RSD	1.236	378.7	29.96	55.70

#1	.9189	<.0000	<.0000	.0058
#2	.8994	<.0000	<.0000	.0037
#3	.8994	.0995	<.0000	.0024
#4	.9189	.0079	<.0000	.0015

Analysis Report

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page 1

Method: IECW Sample Name: 24220

Operator: it

Run Time: 10/11/01 12:00:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0011	.0144	<.0000	5.851
SDev	.0011	.0133	.0296	.0020	.0008	.0000	.020
%RSD	14.67	31.28	119.3	182.9	5.772	20.00	.3498
#1	<.0000	<.0000	.0057	<.0000	.0132	<.0000	5.830
#2	<.0000	<.0000	<.0000	.0038	.0148	<.0000	5.876
#3	<.0000	<.0000	<.0000	<.0000	.0148	<.0000	5.838
#4	<.0000	<.0000	<.0000	.0012	.0148	<.0000	5.858
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0394	<.0000	1.069
SDev	.0021	.0019	.0009	.0026	.0038	.3834	.005
%RSD	237.4	33.80	13.34	277.7	9.715	37.12	.5080
#1	.0004	<.0000	<.0000	.0012	.0426	<.0000	1.070
#2	<.0000	<.0000	<.0000	<.0000	.0426	<.0000	1.064
#3	<.0000	<.0000	<.0000	.0012	.0379	<.0000	1.067
#4	.0014	<.0000	<.0000	<.0000	.0347	<.0000	1.076
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0236	<.0000	7.304	<.0000	<.0000	<.0000	<.0000
SDev	.0009	.0076	.094	.0081	.0345	.0093	.0321
%RSD	3.803	45.15	1.288	262.6	60.81	23.86	641.7
#1	.0228	<.0000	7.178	.0031	<.0000	<.0000	<.0000
#2	.0243	<.0000	7.405	<.0000	<.0000	<.0000	<.0000
#3	.0243	<.0000	7.321	.0009	<.0000	<.0000	.0110
#4	.0228	<.0000	7.315	<.0000	<.0000	<.0000	.0294
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9057	<.0000	<.0000	.0002			
SDev	.0092	.0419	.0017	.0009			
%RSD	1.016	501.6	28.30	387.8			
#1	.8996	<.0000	<.0000	.0002			
#2	.9045	.0342	<.0000	.0011			
#3	.9191	<.0000	<.0000	.0007			
#4	.8996	.0211	<.0000	<.0000			

Method: IECW Sample Name: 24236
 Run Time: 10/11/01 12:03:58
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	.0136	<.0000	5.469
SDev	.0024	.0154	.0542	.0009	.0008	.0001	.032
%RSD	35.47	33.57	25620.	218.1	6.120	25.66	.5788

#1	<.0000	<.0000	<.0000	.0008	.0132	<.0000	5.503
#2	<.0000	<.0000	<.0000	<.0000	.0132	<.0000	5.479
#3	<.0000	<.0000	.0366	<.0000	.0149	<.0000	5.469
#4	<.0000	<.0000	.0518	<.0000	.0132	<.0000	5.427

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0176	<.0000	1.110
SDev	.0014	.0015	.0024	.0026	.0029	.7054	.033
%RSD	68.45	25.05	44.50	41.71	16.32	61.85	2.973

#1	<.0000	<.0000	<.0000	<.0000	.0144	<.0000	1.140
#2	<.0000	<.0000	<.0000	<.0000	.0160	<.0000	1.134
#3	<.0000	<.0000	<.0000	<.0000	.0191	<.0000	1.095
#4	<.0000	<.0000	<.0000	<.0000	.0207	<.0000	1.070

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0208	<.0000	3.702	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0053	.032	.0078	.0247	.0313	.0377
%RSD	2.150	32.89	.8744	71.36	52.24	212.9	51.12

#1	.0212	<.0000	3.693	<.0000	<.0000	.0171	<.0000
#2	.0205	<.0000	3.662	<.0000	<.0000	.0073	<.0000
#3	.0205	<.0000	3.737	<.0000	<.0000	<.0000	<.0000
#4	.0212	<.0000	3.718	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6237	.0014	<.0000	.0013
SDev	.0073	.0721	.0016	.0004
%RSD	1.174	4985.	25.33	32.54

#1	.6273	<.0000	<.0000	.0015
#2	.6127	.0866	<.0000	.0007
#3	.6274	<.0000	<.0000	.0015
#4	.6274	.0342	<.0000	.0015

Analysis Report

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Method: IECW Sample Name: 24237
 Run Time: 10/11/01 12:06:07
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1121	.0074	.0231	<.0000	21.47
SDev	.0026	.0164	.0415	.0012	.0000	.0000	.09
%RSD	26.29	22.23	36.98	16.44	.0355	.0000	.4000
#1	<.0000	<.0000	.0945	.0086	.0231	<.0000	21.58
#2	<.0000	<.0000	.0917	.0063	.0231	<.0000	21.48
#3	<.0000	<.0000	.0882	.0063	.0231	<.0000	21.44
#4	<.0000	<.0000	.1742	.0082	.0232	<.0000	21.38
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0734	<.0000	7.066
SDev	.0009	.0013	.0014	.0012	.0041	.5814	.013
%RSD	75.97	15.30	25.94	13.98	5.607	110.9	.1890
#1	<.0000	<.0000	<.0000	<.0000	.0738	<.0000	7.081
#2	<.0000	<.0000	<.0000	<.0000	.0675	<.0000	7.074
#3	<.0000	<.0000	<.0000	<.0000	.0754	.1387	7.058
#4	.0001	<.0000	<.0000	<.0000	.0769	<.0000	7.052
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0831	<.0000	27.76	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0077	.14	.0019	.0109	.0485	.0611
%RSD	.4658	48.70	.4984	56.46	18.11	114.3	144.8
#1	.0836	<.0000	27.87	<.0000	<.0000	<.0000	<.0000
#2	.0829	<.0000	27.84	<.0000	<.0000	<.0000	<.0000
#3	.0829	<.0000	27.76	<.0000	<.0000	<.0000	.0450
#4	.0829	<.0000	27.56	<.0000	<.0000	.0064	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	2.480	<.0000	<.0000	<.0000			
SDev	.005	.0151	.0014	.0000			
%RSD	.1953	103.2	19.47	.1040			
#1	2.483	<.0000	<.0000	<.0000			
#2	2.483	<.0000	<.0000	<.0000			
#3	2.483	<.0000	<.0000	<.0000			
#4	2.473	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 24238

Operator: it

Run Time: 10/11/01 12:09:30

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0018	.0132	<.0000	5.475
SDev	.0013	.0097	.0385	.0012	.0000	.0000	.010
%RSD	14.42	16.25	113.6	66.67	.0097	.0000	.1799
#1	<.0000	<.0000	<.0000	.0023	.0132	<.0000	5.468
#2	<.0000	<.0000	.0090	.0020	.0132	<.0000	5.468
#3	<.0000	<.0000	<.0000	.0001	.0132	<.0000	5.488
#4	<.0000	<.0000	<.0000	.0027	.0132	<.0000	5.478
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0183	<.0000	1.127
SDev	.0007	.0024	.0027	.0005	.0030	.4043	.017
%RSD	1191.	27.39	41.44	9.760	16.34	43.00	1.493
#1	.0004	<.0000	<.0000	<.0000	.0191	<.0000	1.105
#2	<.0000	<.0000	<.0000	<.0000	.0222	<.0000	1.124
#3	<.0000	<.0000	<.0000	<.0000	.0160	<.0000	1.137
#4	.0004	<.0000	<.0000	<.0000	.0160	<.0000	1.143
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0234	<.0000	3.749	.0006	<.0000	<.0000	<.0000
SDev	.0010	.0053	.022	.0060	.0159	.0252	.0693
%RSD	4.178	32.91	.5754	1063.	23.10	114.7	175.9
#1	.0236	<.0000	3.743	.0031	<.0000	<.0000	<.0000
#2	.0243	<.0000	3.730	<.0000	<.0000	<.0000	.0570
#3	.0220	<.0000	3.743	<.0000	<.0000	.0073	<.0000
#4	.0236	<.0000	3.780	.0076	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6456	<.0000	<.0000	.0010			
SDev	.0170	.0988	.0014	.0011			
%RSD	2.640	661.4	20.26	107.7			
#1	.6663	<.0000	<.0000	.0011			
#2	.6516	.0342	<.0000	.0007			
#3	.6273	<.0000	<.0000	<.0000			
#4	.6370	.0996	<.0000	.0024			

Analysis Report

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Method: IECW Sample Name: ipc

Run Time: 10/11/01 12:22:27

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5034	1.001	<.0000	.9935	.9838	.9759	1.013
SDev	.0022	.015	.0081	.0048	.0048	.0016	.005
%RSD	.4335	1.503	51.93	.4852	.4860	.1641	.4839
#1	.5049	.9846	<.0000	.9928	.9826	.9749	1.009
#2	.5003	.9925	<.0000	.9981	.9776	.9783	1.019
#3	.5036	1.018	<.0000	.9871	.9876	.9751	1.014
#4	.5049	1.008	<.0000	.9962	.9876	.9753	1.009
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.007	.9931	1.001	.9794	1.010	<.0000	.9683
SDev	.005	.0027	.004	.0012	.006	.1783	.0203
%RSD	.4718	.2713	.3799	.1258	.6374	30.19	2.094
#1	1.010	.9913	1.004	.9783	1.003	<.0000	.9541
#2	1.010	.9970	.9966	.9783	1.019	<.0000	.9984
#3	1.000	.9931	1.004	.9805	1.009	<.0000	.9604
#4	1.007	.9913	1.000	.9805	1.009	<.0000	.9604
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9926	1.017	1.034	.9981	.9602	1.011	.0336
SDev	.0022	.013	.025	.0124	.0213	.032	.0449
%RSD	.2244	1.264	2.389	1.242	2.213	3.183	133.5
#1	.9893	.9998	1.011	1.014	.9658	1.048	<.0000
#2	.9940	1.015	1.061	.9874	.9880	1.009	.0769
#3	.9940	1.026	1.015	1.001	.9436	1.019	.0677
#4	.9932	1.028	1.049	.9896	.9436	.9699	<.0000
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	1.039	1.054	.9960	.9893			
SDev	.002	.037	.0021	.0041			
%RSD	.2342	3.482	.2148	.4178			
#1	1.038	1.002	.9953	.9849			
#2	1.038	1.054	.9988	.9947			
#3	1.043	1.080	.9962	.9879			
#4	1.038	1.080	.9936	.9896			

Analysis Report

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Method: IECW Sample Name: cb

Operator: it

Run Time: 10/11/01 12:25:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0017	.0053	.0038	.0043	.0021	.0006	.0047
SDev	.0022	.0086	.0134	.0006	.0008	.0002	.0023
%RSD	134.7	162.0	355.9	15.24	40.00	34.48	48.88

#1	.0023	.0159	<.0000	.0040	.0025	.0008	.0038
#2	.0010	.0013	.0034	.0051	.0025	.0006	.0023
#3	.0043	.0080	.0218	.0036	.0008	.0005	.0077
#4	<.0000	<.0000	.0004	.0044	.0025	.0004	.0049

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	<.0000	.0006	.0037	.0039	1.227	<.0000
SDev	.0007	.0008	.0008	.0014	.0033	.593	.0120
%RSD	99.96	110.4	135.0	36.88	83.25	48.39	94.64

#1	.0004	<.0000	.0015	.0043	.0078	1.953	<.0000
#2	.0004	<.0000	.0010	.0032	<.0000	1.469	.0047
#3	.0004	<.0000	.0005	.0053	.0047	.7420	<.0000
#4	.0018	.0001	<.0000	.0021	.0031	.7420	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0002	.0245	.0302	.0028	<.0000	<.0000	.0091
SDev	.0007	.0039	.0209	.0039	.0140	.0302	.0288
%RSD	382.4	15.78	69.06	139.8	302.7	124.2	316.5

#1	.0012	.0264	.0364	<.0000	.0046	.0097	.0455
#2	<.0000	.0264	.0426	.0076	<.0000	<.0000	.0182
#3	.0004	.0264	.0426	.0042	.0046	<.0000	<.0000
#4	<.0000	.0187	<.0000	.0008	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0012	<.0000	.0017	.0012
SDev	.0083	.1181	.0009	.0002
%RSD	671.4	1821.	49.99	18.20

#1	.0025	<.0000	.0021	.0013
#2	<.0000	<.0000	.0021	.0013
#3	<.0000	.1493	.0021	.0009
#4	.0122	.0195	.0004	.0013

Analysis Report

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page 1

Method: IECW Sample Name: 24287

Operator: it

Run Time: 10/11/01 13:02:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0010	.0040	.0148	.0000	5.492
SDev	.0021	.0063	.0277	.0018	.0008	.0001	.018
%RSD	47.68	26.53	2729.	45.25	5.599	163.3	.3268
#1	<.0000	<.0000	.0351	.0033	.0153	.0001	5.469
#2	<.0000	<.0000	<.0000	.0025	.0136	.0000	5.488
#3	<.0000	<.0000	.0121	.0067	.0153	.0000	5.510
#4	<.0000	<.0000	<.0000	.0037	.0153	<.0000	5.502
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	<.0000	<.0000	.0203	<.0000	1.143
SDev	.0017	.0011	.0018	.0006	.0037	.3746	.030
%RSD	565.7	59.66	119.1	92.21	18.33	33.43	2.602
#1	.0012	<.0000	<.0000	<.0000	.0180	<.0000	1.115
#2	.0003	<.0000	<.0000	<.0000	.0195	<.0000	1.125
#3	.0017	<.0000	.0008	<.0000	.0258	<.0000	1.150
#4	<.0000	<.0000	<.0000	<.0000	.0179	<.0000	1.182
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0232	<.0000	7.611	.0011	<.0000	<.0000	.0269
SDev	.0008	.0088	.026	.0105	.0187	.0200	.0661
%RSD	3.353	649.4	.3469	936.1	69.89	91.08	246.3
#1	.0243	<.0000	7.620	.0130	<.0000	<.0000	.1180
#2	.0228	.0057	7.580	<.0000	<.0000	<.0000	<.0000
#3	.0228	<.0000	7.642	<.0000	<.0000	<.0000	.0268
#4	.0228	.0057	7.601	.0062	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8912	.0792	<.0000	.0002			
SDev	.0115	.0524	.0018	.0010			
%RSD	1.288	66.09	47.75	420.1			
#1	.8828	.0825	<.0000	.0016			
#2	.9070	.1215	<.0000	<.0000			
#3	.8924	.1084	<.0000	<.0000			
#4	.8827	.0045	<.0000	.0003			

Analysis Report

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Method: IECW Sample Name: 24287spk

Operator: it

Run Time: 10/11/01 13:08:35

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0171	.2336	.2541	.2536	.2603	.0477	5.428
SDev	.0031	.0059	.0238	.0022	.0016	.0000	.010
%RSD	18.27	2.520	9.368	.8633	.6122	.0828	.1911

#1	.0148	.2316	.2219	.2509	.2616	.0477	5.443
#2	.0148	.2263	.2756	.2562	.2616	.0477	5.425
#3	.0214	.2369	.2509	.2539	.2599	.0477	5.426
#4	.0174	.2395	.2678	.2532	.2582	.0477	5.420

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1032	.0960	.2411	.2474	.2688	<.0000	1.123
SDev	.0025	.0026	.0035	.0012	.0037	.8297	.025
%RSD	2.411	2.699	1.454	.4979	1.382	54.25	2.238

#1	.1000	.0992	.2394	.2463	.2649	<.0000	1.106
#2	.1023	.0929	.2385	.2463	.2665	<.0000	1.099
#3	.1051	.0963	.2463	.2485	.2712	<.0000	1.153
#4	.1051	.0957	.2404	.2485	.2727	<.0000	1.134

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2693	.0938	7.562	.2504	.2126	.1767	.2763
SDev	.0013	.0068	.046	.0107	.0152	.0384	.0397
%RSD	.4926	7.222	.6135	4.291	7.157	21.75	14.38

#1	.2710	.0932	7.518	.2450	.2301	.1451	.2627
#2	.2694	.0906	7.626	.2529	.2153	.1937	.3082
#3	.2679	.0880	7.543	.2394	.1931	.2229	.2261
#4	.2687	.1035	7.561	.2641	.2116	.1450	.3082

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.208	.3155	.0920	.2468
SDev	.020	.0687	.0010	.0013
%RSD	1.640	21.77	1.073	.5192

#1	1.217	.2507	.0911	.2486
#2	1.213	.4065	.0911	.2465
#3	1.222	.3285	.0928	.2465
#4	1.179	.2766	.0928	.2456

Analysis Report

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page 1

Method: IECW Sample Name: 24289

Run Time: 10/11/01 13:11:05

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0035	.0148	<.0000	5.655
SDev	.0021	.0163	.0251	.0008	.0008	.0000	.010
%RSD	41.41	65.37	2849.	23.65	5.612	66.67	.1713
#1	<.0000	<.0000	<.0000	.0040	.0152	<.0000	5.646
#2	<.0000	<.0000	.0011	.0044	.0152	<.0000	5.668
#3	<.0000	<.0000	<.0000	.0025	.0136	<.0000	5.657
#4	<.0000	<.0000	.0306	.0033	.0152	<.0000	5.649
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	<.0000	<.0000	.0300	.0312	<.0000	1.114
SDev	.0031	.0026	.0018	.0016	.0033	.5440	.013
%RSD	307.6	116.1	327.2	5.333	10.43	36.29	1.169
#1	.0036	.0014	<.0000	.0287	.0351	<.0000	1.102
#2	.0017	<.0000	.0013	.0319	.0304	<.0000	1.106
#3	<.0000	<.0000	.0008	.0287	.0273	<.0000	1.131
#4	.0022	<.0000	<.0000	.0308	.0320	<.0000	1.118
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0303	<.0000	7.695	<.0000	<.0000	<.0000	.0177
SDev	.0012	.0039	.029	.0051	.0135	.0413	.0631
%RSD	3.836	59.33	.3739	69.95	76.87	35820.	355.8
#1	.0321	<.0000	7.697	<.0000	<.0000	<.0000	.0360
#2	.0298	<.0000	7.719	<.0000	<.0000	.0193	.0359
#3	.0298	<.0000	7.654	<.0000	<.0000	<.0000	<.0000
#4	.0298	<.0000	7.710	<.0000	<.0000	.0486	.0724
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9022	.0695	<.0000	.0069			
SDev	.0040	.0519	.0015	.0004			
%RSD	.4385	74.69	56.50	5.960			
#1	.8974	.0436	<.0000	.0068			
#2	.9071	.1474	<.0000	.0072			
#3	.9022	.0436	<.0000	.0072			
#4	.9022	.0436	<.0000	.0064			

Analysis Report

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page 1

Method: IECW Sample Name: 24290
 Run Time: 10/11/01 13:13:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0108	.0053	.0152	<.0000	6.294
SDev	.0008	.0067	.0127	.0009	.0000	.0001	.012
%RSD	14.11	25.46	117.7	18.00	.0118	57.74	.1840
#1	<.0000	<.0000	.0243	.0055	.0152	<.0000	6.295
#2	<.0000	<.0000	.0119	.0055	.0152	<.0000	6.307
#3	<.0000	<.0000	.0134	.0040	.0152	<.0000	6.279
#4	<.0000	<.0000	<.0000	.0062	.0152	<.0000	6.296
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0068	.0319	<.0000	1.426
SDev	.0030	.0014	.0006	.0006	.0018	.3999	.021
%RSD	269.9	31.87	13.95	9.080	5.671	28.70	1.443
#1	.0012	<.0000	<.0000	.0073	.0334	<.0000	1.428
#2	.0017	<.0000	<.0000	.0073	.0303	<.0000	1.454
#3	<.0000	<.0000	<.0000	.0062	.0303	<.0000	1.406
#4	<.0000	<.0000	<.0000	.0062	.0334	<.0000	1.416
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0249	.0019	8.324	.0013	<.0000	.0047	<.0000
SDev	.0012	.0026	.038	.0116	.0155	.0245	.0547
%RSD	4.674	139.2	.4541	871.1	44.15	520.2	561.4
#1	.0235	.0006	8.267	<.0000	<.0000	<.0000	.0541
#2	.0259	.0006	8.344	<.0000	<.0000	<.0000	<.0000
#3	.0259	.0006	8.338	<.0000	<.0000	.0388	.0176
#4	.0243	.0057	8.344	.0185	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9792	.0398	<.0000	.0017			
SDev	.0137	.0545	.0019	.0004			
%RSD	1.398	136.8	45.87	23.78			
#1	.9695	.0560	<.0000	.0012			
#2	.9985	<.0000	<.0000	.0016			
#3	.9792	.0431	<.0000	.0020			
#4	.9695	.0950	<.0000	.0020			

Analysis Report

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page 1

Method: IECW Sample Name: 24291
Run Time: 10/11/01 13:17:01
Comment:
Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0037	.0148	<.0000	5.674
SDev	.0017	.0107	.0295	.0010	.0008	.0000	.018
%RSD	20.43	33.54	451.0	27.98	5.604	66.67	.3109

#1	<.0000	<.0000	.0183	.0033	.0136	<.0000	5.653
#2	<.0000	<.0000	<.0000	.0025	.0152	<.0000	5.688
#3	<.0000	<.0000	<.0000	.0048	.0152	<.0000	5.690
#4	<.0000	<.0000	.0152	.0044	.0152	<.0000	5.667

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	<.0000	.0057	.0293	<.0000	1.090
SDev	.0023	.0019	.0033	.0011	.0035	.4178	.011
%RSD	771.8	51.13	98.22	18.62	11.84	24.20	1.006

#1	.0012	<.0000	<.0000	.0052	.0320 +	<.0000	1.099
#2	<.0000	<.0000	.0003	.0052	.0304 +	<.0000	1.093
#3	<.0000	<.0000	<.0000	.0052	.0304 +	<.0000	1.074
#4	.0031	<.0000	<.0000	.0073	.0242 -	<.0000	1.093

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0294	<.0000	7.036	<.0000	<.0000	<.0000	.0087
SDev	.0010	.0013	.044	.0046	.0169	.0291	.0483
%RSD	3.410	48.89	.6201	101.2	38.11	62.81	556.9

#1	.0282	<.0000	7.047	<.0000	<.0000	<.0000	<.0000
#2	.0298	<.0000	6.979	<.0000	<.0000	<.0000	.0725
#3	.0290	<.0000	7.034	<.0000	<.0000	<.0000	.0178
#4	.0305	<.0000	7.084	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8707	.0176	<.0000	.0006
SDev	.0049	.0645	.0008	.0014
%RSD	.5582	365.7	18.03	253.2

#1	.8634	<.0000	<.0000	<.0000
#2	.8731	.0436	<.0000	.0003
#3	.8732	.0956	<.0000	.0016
#4	.8731	<.0000	<.0000	.0016

Analysis Report

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Method: IECW Sample Name: 24292
 Run Time: 10/11/01 13:19:40
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0202	.0027	.0144	<.0000	5.722
SDev	.0036	.0127	.0324	.0007	.0010	.0001	.014
%RSD	58.58	57.75	160.5	27.29	6.658	163.3	.2424
#1	<.0000	<.0000	<.0000	.0033	.0152	<.0000	5.741
#2	<.0000	<.0000	.0106	.0033	.0136	<.0000	5.708
#3	<.0000	<.0000	.0489	.0025	.0136	<.0000	5.720
#4	<.0000	<.0000	.0427	.0017	.0152	.0000	5.720
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	.0063	.0386	36.7<.0000	1.089
SDev	.0010	.0019	.0019	.0019	.0045	.7258	.023
%RSD	127.5	49.95	76.64	31.10	11.61	70.49	2.115
#1	<.0000	<.0000	<.0000	.0052	.0351 +	<.0000	1.087
#2	<.0000	<.0000	<.0000	.0041	.0398 +	<.0000	1.068
#3	<.0000	<.0000	<.0000	.0073	.0351 +	<.0000	1.080
#4	.0003	<.0000	<.0000	.0084	.0445 -	<.0000	1.121 ✓
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0265	<.0000	7.237	<.0000	<.0000	<.0000	.0474
SDev	.0007	.0049	.050	.0069	.0110	.0292	.0971
%RSD	2.809	58.52	.6878	351.9	31.42	198.3	205.1
#1	.0274	<.0000	7.239	<.0000	<.0000	<.0000	<.0000
#2	.0267	<.0000	7.180	.0017	<.0000	<.0000	.1818
#3	.0259	<.0000	7.226	<.0000	<.0000	<.0000	.0086
#4	.0259	<.0000	7.301	.0051	<.0000	.0193	.0450
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.8889	<.0000	<.0000	.0015			
SDev	.0046	.0373	.0023	.0004			
%RSD	.5185	120.1	75.88	26.85			
#1	.8925	.0176	<.0000	.0012			
#2	.8829	<.0000	<.0000	.0016			
#3	.8877	<.0000	<.0000	.0012			
#4	.8925	<.0000	.0004	.0021			

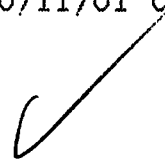
Analysis Report

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page 1

Method: IECW Sample Name: 24293
 Run Time: 10/11/01 13:22:09
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0166	.0081	.0180	<.0000	10.96
SDev	.0028	.0132	.0267	.0013	.0000	.0001	.01
%RSD	33.24	30.75	161.1	15.99	.0067	57.74	.0837
#1	<.0000	<.0000	.0349	.0064	.0180	<.0000	10.96
#2	<.0000	<.0000	.0290	.0079	.0180	<.0000	10.96
#3	<.0000	<.0000	<.0000	.0087	.0180	<.0000	10.96
#4	<.0000	<.0000	.0257	.0094	.0180	<.0000	10.94
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0101	.1206	<.0000	3.915
SDev	.0022	.0019	.0017	.0010	.0047	.6265	.015
%RSD	281.8	41.66	58.77	10.10	3.890	44.49	.3879
#1	<.0000	<.0000	<.0000	.0093	.1182	<.0000	3.929
#2	.0002	<.0000	<.0000	.0104	.1276	<.0000	3.907
#3	.0006	<.0000	<.0000	.0093	.1182	<.0000	3.926
#4	.0002	<.0000	<.0000	.0114	.1183	<.0000	3.897
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0267	<.0000	14.93	<.0000	<.0000	<.0000	.0164
SDev	.0007	.0013	.04	.0027	.0152	.0166	.0333
%RSD	2.788	23.82	.2744	126.3	54.84	74.07	203.4
#1	.0265	<.0000	14.97	<.0000	<.0000	<.0000	.0345
#2	.0257	<.0000	14.94	<.0000	<.0000	<.0000	.0528
#3	.0272	<.0000	14.94	<.0000	<.0000	<.0000	<.0000
#4	.0272	<.0000	14.87	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	2.955	.0455	<.0000	.0150			
SDev	.005	.1073	.0004	.0004			
%RSD	.1636	235.7	8.357	2.855			
#1	2.953	.1558	<.0000	.0148			
#2	2.953	<.0000	<.0000	.0148			
#3	2.962	.1169	<.0000	.0148			
#4	2.953	<.0000	<.0000	.0157			

Analysis Report

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Method: IECW Sample Name: 24333

Operator: it

Run Time: 10/11/01 13:40:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0565	.0108	.0236	<.0000	21.16
SDev	.0010	.0034	.0463	.0009	.0000	.0001	.05
%RSD	11.76	6.950	81.95	8.798	.0190	57.74	.2258

#1	<.0000	<.0000	.0423	.0107	.0236	<.0000	21.19
#2	<.0000	<.0000	.0255	.0096	.0236	<.0000	21.20
#3	<.0000	<.0000	.0330	.0118	.0236	<.0000	21.10
#4	<.0000	<.0000	.1251	.0111	.0236	<.0000	21.13

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	<.0000	<.0000	.0711	<.0000	6.986
SDev	.0021	.0022	.0012	.0010	.0026	.3514	.015
%RSD	1666.	57.69	39.92	22.48	3.588	21.29	.2093

#1	.0023	<.0000	<.0000	<.0000	.0680	<.0000	6.973
#2	<.0000	<.0000	<.0000	<.0000	.0711	<.0000	6.998
#3	.0014	<.0000	<.0000	<.0000	.0711	<.0000	6.973
#4	<.0000	<.0000	<.0000	<.0000	.0742	<.0000	6.998

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0805	.0015	27.38	<.0000	<.0000	<.0000	<.0000
SDev	.0006	.0068	.08	.0049	.0129	.0536	.0360
%RSD	.7864	453.6	.3014	89.95	28.00	344.3	187.7

#1	.0813	<.0000	27.41	<.0000	<.0000	<.0000	.0241
#2	.0805	.0002	27.48	<.0000	<.0000	.0380	<.0000
#3	.0798	.0079	27.29	<.0000	<.0000	<.0000	<.0000
#4	.0805	.0054	27.35	<.0000	<.0000	.0185	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	2.367	.0731	<.0000	<.0000
SDev	.011	.1044	.0009	.0008
%RSD	.4837	142.8	15.66	140.8

#1	2.375	.1640	<.0000	<.0000
#2	2.375	<.0000	<.0000	.0005
#3	2.351	.0342	<.0000	<.0000
#4	2.365	.1510	<.0000	<.0000

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Method: IECW Sample Name: 24334

Operator: it

Run Time: 10/11/01 13:42:56

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0067	.0045	.0149	<.0000	5.425
SDev	.0012	.0243	.0303	.0014	.0008	.0000	.019
%RSD	32.42	165.8	454.7	30.22	5.612	200.0	.3550

#1	<.0000	<.0000	<.0000	.0048	.0153	<.0000	5.439
#2	<.0000	<.0000	.0186	.0037	.0153	<.0000	5.426
#3	<.0000	<.0000	.0427	.0063	.0153	.0000	5.398
#4	<.0000	.0113	<.0000	.0033	.0136	<.0000	5.438

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	<.0000	.0001	<.0000	.0172	<.0000	1.127
SDev	.0022	.0013	.0009	.0010	.0027	.2391	.012
%RSD	201.1	108.6	1863.	256.2	15.77	17.16	1.084

#1	.0017	<.0000	<.0000	<.0000	.0195	<.0000	1.134
#2	.0040	<.0000	<.0000	<.0000	.0195	<.0000	1.115
#3	<.0000	.0007	.0008	.0009	.0148	<.0000	1.118
#4	<.0000	<.0000	.0008	<.0000	.0148	<.0000	1.141

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0245	.0044	3.720	<.0000	<.0000	<.0000	.0542
SDev	.0012	.0097	.038	.0018	.0393	.0210	.0985
%RSD	4.744	219.3	1.033	108.9	327.1	107.0	181.7

#1	.0236	.0109	3.763	<.0000	<.0000	<.0000	<.0000
#2	.0259	<.0000	3.729	.0006	<.0000	<.0000	.1545
#3	.0236	.0057	3.717	<.0000	.0046	<.0000	<.0000
#4	.0251	.0109	3.670	<.0000	.0342	.0095	.1179

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6488	.0500	<.0000	.0027
SDev	.0150	.0951	.0022	.0011
%RSD	2.316	190.0	82.15	39.80

#1	.6355	.0046	<.0000	.0038
#2	.6695	<.0000	.0004	.0012
#3	.6501	.1085	<.0000	.0029
#4	.6403	.1474	<.0000	.0029

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Method: IECW Sample Name: 24335

Operator: it

Run Time: 10/11/01 13:46:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0162	.0039	.0140	<.0000	5.437
SDev	.0014	.0067	.0291	.0017	.0016	.0000	.011
%RSD	38.31	51.78	179.1	43.71	11.36	200.0	.2082

#1	<.0000	<.0000	<.0000	.0056	.0136	<.0000	5.447
#2	<.0000	<.0000	.0349	.0048	.0153	.0000	5.443
#3	<.0000	<.0000	.0089	.0033	.0153	<.0000	5.436
#4	<.0000	<.0000	.0427	.0018	.0119	<.0000	5.421

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0003	.0001	.0160	<.0000	1.122
SDev	.0012	.0016	.0019	.0013	.0027	.7053	.011
%RSD	404.6	98.12	631.7	998.6	16.69	55.45	.9780

#1	.0012	<.0000	.0018	<.0000	.0164	<.0000	1.112
#2	<.0000	<.0000	<.0000	.0020	.0148	<.0000	1.112
#3	<.0000	<.0000	<.0000	<.0000	.0133	<.0000	1.131
#4	<.0000	<.0000	.0018	<.0000	.0195	<.0000	1.131

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0208	.0012	3.741	<.0000	<.0000	.0023	.0246
SDev	.0004	.0053	.020	.0107	.0140	.0359	.0430
%RSD	2.148	434.9	.5340	271.1	40.93	1568.	175.0

#1	.0205	.0057	3.717	<.0000	<.0000	.0485	<.0000
#2	.0212	.0057	3.760	<.0000	<.0000	<.0000	.0268
#3	.0205	<.0000	3.754	<.0000	<.0000	<.0000	.0542
#4	.0212	<.0000	3.732	.0084	<.0000	<.0000	.0542

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6319	<.0000	<.0000	.0031
SDev	.0061	.0775	.0016	.0003
%RSD	.9677	190.0	71.23	7.899

#1	.6307	<.0000	<.0000	.0034
#2	.6404	.0436	<.0000	.0034
#3	.6306	<.0000	<.0000	.0029
#4	.6258	<.0000	<.0000	.0029

Analysis Report

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Method: IECW Sample Name: 1pc
 Run Time: 10/11/01 13:52:42
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4992	1.003	.0153	.9897	.9733	.9768	1.000
SDev	.0031	.020	.0352	.0047	.0019	.0026	.003
%RSD	.6145	1.982	229.8	.4797	.1973	.2652	.2496

#1	.5030	1.007	.0141	.9917	.9750	.9787	1.001
#2	.4970	.9875	.0557	.9829	.9717	.9731	.9970
#3	.4964	.9888	<.0000	.9901	.9717	.9767	1.001
#4	.5003	1.030	.0215	.9939	.9750	.9785	1.003

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9908	.9829	.9877	.9742	.9974	<.0000	.9839
SDev	.0042	.0040	.0023	.0037	.0040	.3103	.0163
%RSD	.4267	.4016	.2352	.3793	.4052	122.1	1.657

#1	.9902	.9856	.9911	.9774	.9927	<.0000	1.003
#2	.9935	.9785	.9862	.9710	.9990	<.0000	.9650
#3	.9851	.9806	.9872	.9710	1.002	<.0000	.9776
#4	.9944	.9868	.9862	.9774	.9958	<.0000	.9903

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9839	1.007	1.064	.9854	.9761	1.032	<.0000
SDev	.0046	.009	.028	.0100	.0140	.021	.0318
%RSD	.4642	.8959	2.629	1.012	1.432	2.081	327.1

#1	.9901	.9972	1.033	.9781	.9669	1.039	.0178
#2	.9823	1.002	1.073	.9758	.9964	1.039	<.0000
#3	.9792	1.018	1.098	.9916	.9669	1.001	.0178
#4	.9839	1.010	1.052	.9961	.9742	1.049	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.046	1.071	.9852	.9831
SDev	.012	.093	.0046	.0028
%RSD	1.193	8.719	.4674	.2859

#1	1.051	1.006	.9863	.9833
#2	1.042	1.175	.9795	.9794
#3	1.032	.9799	.9846	.9833
#4	1.061	1.123	.9906	.9863

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 10/11/01 13:57:07
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0008	<.0000	.0176	.0027	<.0000	.0001	<.0000
SDev	.0021	.0062	.0506	.0004	.0000	.0001	.0028
%RSD	248.7	144.3	287.0	13.26	463.0	95.74	52.62

#1	<.0000	<.0000	.0456	.0030	.0000	.0002	<.0000
#2	.0018	<.0000	.0150	.0030	.0000	.0000	<.0000
#3	<.0000	<.0000	<.0000	.0023	<.0000	.0000	<.0000
#4	.0031	.0036	.0622	.0026	<.0000	.0001	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	.0008	.0002	.0005	<.0000	<.0000	.0205
SDev	.0020	.0015	.0005	.0022	.0049	.3997	.0151
%RSD	244.5	188.8	205.4	412.2	248.1	190.9	73.64

#1	.0030	.0004	<.0000	<.0000	.0035	.0299	.0024
#2	.0016	.0022	<.0000	.0003	<.0000	<.0000	.0150
#3	<.0000	<.0000	.0010	.0003	<.0000	<.0000	.0371
#4	.0002	.0017	<.0000	.0035	.0004	<.0000	.0276

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0002	.0129	<.0000	<.0000	<.0000	.0315	<.0000
SDev	.0004	.0057	.0428	.0019	.0177	.0349	.0654
%RSD	200.6	44.37	212.9	48.68	174.1	110.6	571.2

#1	.0004	.0187	.0116	<.0000	<.0000	.0825	<.0000
#2	<.0000	.0161	<.0000	<.0000	.0111	.0049	.0229
#3	.0004	.0058	<.0000	<.0000	<.0000	.0146	<.0000
#4	.0004	.0109	.0208	<.0000	<.0000	.0242	.0412

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0072	.0423	<.0000	.0003
SDev	.0079	.0468	.0015	.0008
%RSD	109.5	110.6	115.4	255.3

#1	.0073	.0065	<.0000	<.0000
#2	.0072	.0326	<.0000	.0010
#3	<.0000	.0195	<.0000	.0010
#4	.0169	.1107	<.0000	.0001