

12/11/01 cont'd

WTC samples

28642

28044

28429

28643

28045

28430

IPC+CB

28046

28431

12/12/01

28047

28432

BIK

28048

28433

5 STD

IPC+CB

28049

28434

LFB+LRB

28164

130419 STAT Handwritten

27826+Lab Dup+s/pk IPC+CB

IPC+CB

27828

LFB+LRB

Reviewed by,

27831

28165+Lab Dup+s/pk

12/13/02

27872

28166

27873

28167

12/13/01 BIK

27874

28168

5 STD

27984

28169

IPC+CB

27985

28170

LFB+LRB

27986

28171

29012 Lab Dup+s/pk

28104

28172

28260 29124

IPC+CB

28229

28885 29125

28105+Lab Dup

28230

29302 29243

28106

IPC+CB

29020 29244

28043

28428+Lab Dup+s/pk

29021 IPC+CB

Standardization Rpt.

12/07/01 09:19:54 AM

page 1

Method: IECW Standard: STD1-Blank

Run Time: 12/07/01 09:18:11

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.380	4.001	.5635	.2980	.1460	.2040	4.095
SDev	.006	.017	.0233	.0028	.0000	.0000	.013
%RSD	.4164	.4132	4.133	.9491	.0000	.0000	.3249

#1	1.388	4.020	.5840	.3020	.1460	.2040	4.092
#2	1.376	3.982	.5700	.2960	.1460	.2040	4.078
#3	1.378	4.008	.5300	.2980	.1460	.2040	4.098
#4	1.376	3.994	.5700	.2960	.1460	.2040	4.110

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2955	2.733	1.021	.6060	.0005	5.299	1.378
SDev	.0062	.023	.004	.0043	.0057	.020	.006
%RSD	2.095	.8565	.4040	.7130	1149.	.3741	.4645

#1	.3040	2.760	1.024	.6120	.0080	5.324	1.388
#2	.2960	2.728	1.018	.6040	-.0040	5.286	1.374
#3	.2920	2.740	1.016	.6020	.0020	5.280	1.376
#4	.2900	2.704	1.024	.6060	-.0040	5.304	1.376

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0980	.1500	1.952	.5495	.8005	.1675	.1510
SDev	.0016	.0037	.006	.0101	.0132	.0057	.0035
%RSD	1.666	2.434	.3016	1.841	1.649	3.430	2.294

#1	.1000	.1480	1.952	.5580	.8180	.1680	.1460
#2	.0980	.1460	1.960	.5380	.7860	.1740	.1520
#3	.0960	.1540	1.950	.5580	.8000	.1600	.1520
#4	.0980	.1520	1.946	.5440	.7980	.1680	.1540

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	4.458	.1450	.7160	.1685
SDev	.069	.0115	.0028	.0010
%RSD	1.546	7.924	.3950	.5935

#1	4.554	.1360	.7200	.1680
#2	4.464	.1480	.7140	.1680
#3	4.408	.1360	.7160	.1680
#4	4.408	.1600	.7140	.1700

Standardization Rpt.

12/07/01 09:25:58 AM

page 1

Method: IECW Standard: STD6

Run Time: 12/07/01 09:24:36

Elem	Ag3280
Avge	40.82
SDev	.17
%RSD	.4183

#1	41.04
#2	40.63
#3	40.81
#4	40.80

Standardization Rpt.

12/07/01 09:30:19 AM

page 1

Method: IECW Standard: STD3

Run Time: 12/07/01 09:28:36

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	25.10	237.1	14.07	6.160	12.25	16.52	1.600 ^L
SDev	.13	1.9	.08	.031	.03	.12	.023
%RSD	.5212	.7949	.5942	.5061	.2823	.7183	1.422

#1	25.14	237.6	14.11	6.148	12.25	16.60	1.624
#2	25.26	239.4	14.16	6.206	12.29	16.64	1.616
#3	24.97	236.2	14.00	6.144	12.21	16.42	1.582
#4	25.02	235.0	13.99	6.140	12.26	16.41	1.580

Elem	Tl1908
Avge	1.153
SDev	.025
%RSD	2.144

#1	1.148
#2	1.180
#3	1.164
#4	1.122

Standardization Rpt.

12/07/01 09:32:55 AM

page 1

Method: IECW Standard: STD4

Run Time: 12/07/01 09:31:33

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	6.385	39.27	43.79	1.127	8.264
SDev	.091	.09	.11	.031	.015
%RSD	1.430	.2232	.2446	2.780	.1800
#1	6.388	39.26	43.79	1.140	8.260
#2	6.368	39.25	43.76	1.086	8.256
#3	6.280	39.40	43.93	1.160	8.286
#4	6.502	39.19	43.68	1.124	8.254

Standardization Rpt.

12/07/01 09:36:01 AM

page 1

Method: IECW Standard: STD2

Run Time: 12/07/01 09:34:38

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	24.87	84.85	36.25	123.1	25.40	10.54	7.655
SDev	.06	.28	.13	.4	.06	.03	.039
%RSD	.2320	.3308	.3469	.3210	.2453	.2941	.5140

#1	24.83	84.79	36.22	123.1	25.35	10.52	7.636
#2	24.86	84.82	36.19	122.9	25.40	10.52	7.636
#3	24.83	84.55	36.17	122.9	25.36	10.52	7.634
#4	24.95	85.23	36.44	123.7	25.49	10.59	7.714

Elem	Mn2576	Pb2203	Zn2138
Avge	28.16	5.457	30.09
SDev	.11	.044	.08
%RSD	.3794	.8143	.2726

#1	28.10	5.444	30.07
#2	28.12	5.424	30.02
#3	28.10	5.436	30.06
#4	28.32	5.522	30.21

Standardization Rpt.

12/07/01 09:41:43 AM

page 1

Method: IECW Standard: STD5
Run Time: 12/07/01 09:40:21



Elem	V_2924
Avge	28.82
SDev	.07
%RSD	.2454

#1	28.77
#2	28.84
#3	28.76
#4	28.91

Analysis Report

12/07/01 10:13:08 AM

page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 12/07/01 10:06:16

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4659 <i>93%</i>	.9601 ✓	.0059	1.025	.9847 ✓	1.036 ✓	.9929 ✓
SDev	.0057	.0086	.0393	.010	.0057	.008	.0042
%RSD	1.230	.8969	666.2	1.022	.5751	.7476	.4237
#1	.4711	.9620	.0508	1.035	.9875	1.039	.9956
#2	.4645	.9677	.0265	1.026	.9827	1.033	.9943
#3	.4584	.9477	<.0000	1.011	.9778	1.028	.9866
#4	.4695	.9629	<.0000	1.029	.9908	1.046	.9950
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9834 ✓	.9809 ✓	.9646 ✓	.9530 ✓	1.031 ✓	<.0000	.9562 ✓
SDev	.0051	.0065	.0063	.0076	.006	.2904	.0187
%RSD	.5151	.6613	.6510	.7945	.5557	54.87	1.952
#1	.9857	.9825	.9722	.9546	1.035	<.0000	.9458
#2	.9880	.9784	.9610	.9498	1.029	<.0000	.9363
#3	.9763	.9737	.9581	.9449	1.025	<.0000	.9650
#4	.9835	.9890	.9670	.9627	1.037	<.0000	.9777
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9814 ✓	1.062 ✓	1.086 ✓	1.050 ✓	.9728	1.033	<.0000
SDev	.0081	.025	.018	.006	.0284	.037	.0425
%RSD	.8225	2.386	1.624	.5459	2.914	3.567	846.1
#1	.9840	1.027	1.079	1.044	1.007	.9943	.0001
#2	.9812	1.063	1.113	1.049	.9383	1.008	.0414
#3	.9705	1.070	1.077	1.058	.9684	1.064	<.0000
#4	.9897	1.087	1.075	1.049	.9771	1.064	.0001
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9905	1.170	1.006 ✓	.9881 ✓			
SDev	.1130	.096	.006	.0070			
%RSD	11.41	8.227	.6395	.7073			
#1	1.149	1.225	1.006	.9935			
#2	.9906	1.265	1.005	.9815			
#3	.8953	1.146	.9983	.9828			
#4	.9270	1.047	1.014	.9948			

Analysis Report

12/07/01 10:16:15 AM

page 1

Method: IECW Sample Name: cb

Operator: it

Run Time: 12/07/01 10:14:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0049	.0283	.0013	.0023	.0006	<.0000	.0083
SD	.0030	.0100	.0138	.0022	.0007	.0001	.0051
%RSD	60.61	35.41	1031.	93.35	109.3	383.0	61.48
#1	.0079	.0288	.0126	.0001	.0014	.0000	.0132
#2	.0058	.0383	.0021	.0052	.0006	.0000	.0108
#3	.0053	.0316	.0091	.0022	.0006	<.0000	.0080
#4	.0008	.0145	<.0000	.0017	<.0000	<.0000	.0013
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0012	.0051	.0035	.0018	<.0000	1.501	.0446
SD	.0012	.0023	.0031	.0025	.0031	.630	.0080
%RSD	96.20	45.56	89.11	138.2	171.2	41.98	17.85
#1	<.0000	.0056	.0059	.0038	<.0000	2.079	.0534
#2	.0024	.0077	.0045	.0030	.0011	1.540	.0470
#3	.0012	.0051	.0045	.0022	<.0000	1.771	.0438
#4	.0018	.0021	<.0000	<.0000	<.0000	.6159	.0343
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	<.0000	<.0000	.0366	.0012	.0280	.0104	.0875
SD	.0004	.0050	.0268	.0059	.0345	.0268	.0238
%RSD	13280.	66.54	73.19	473.2	123.4	257.3	27.23
#1	<.0000	<.0000	.0634	.0075	.0301	.0314	.0669
#2	<.0000	<.0000	.0517	<.0000	.0517	.0034	.0669
#3	.0005	<.0000	.0283	.0050	.0517	.0314	.1081
#4	<.0000	<.0000	.0029	<.0000	<.0000	<.0000	.1082
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.5940	.1288	.0044	<.0000			
SD	.1949	.0472	.0017	.0012			
%RSD	32.82	36.64	38.08	39880.			
#1	.6535	.1981	.0055	<.0000			
#2	.7117	.0990	.0055	<.0000			
#3	.7065	.1188	.0048	.0017			
#4	.3042	.0991	.0020	<.0000			

Analysis Report

12/07/01 10:19:56 AM

page 1

Method: IECW Sample Name: lfb
 Run Time: 12/07/01 10:17:48
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0232	.2141	.2820	.2618	.2496	.0468	.0034
SDev	.0016	.0138	.0503	.0019	.0038	.0006	.0040
%RSD	6.998	6.427	17.83	.7241	1.506	1.296	118.0

#1	.0256	.2303	.3103	.2600	.2449	.0461	.0090
#2	.0221	.2017	.3314	.2605	.2482	.0466	.0036
#3	.0226	.2036	.2173	.2626	.2522	.0472	<.0000
#4	.0226	.2208	.2689	.2641	.2530	.0474	.0016

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1023	.1023	.2501	.2500	.2418	<.0000	.0222
SDev	.0005	.0020	.0016	.0017	.0024	.8022	.0123
%RSD	.5206	1.914	.6299	.6975	1.006	136.6	55.36

#1	.1019	.1049	.2496	.2476	.2385	.5774	.0406
#2	.1019	.1002	.2482	.2500	.2414	<.0000	.0151
#3	.1030	.1016	.2520	.2508	.2428	<.0000	.0183
#4	.1025	.1024	.2505	.2516	.2442	<.0000	.0151

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2541	.0916	.0331	.2529	.2561	.2268	.1948
SDev	.0027	.0088	.0216	.0086	.0278	.0379	.1230
%RSD	1.059	9.635	65.32	3.396	10.85	16.73	63.15

#1	.2507	.0866	.0653	.2407	.2497	.1708	.1278
#2	.2536	.0833	.0243	.2595	.2798	.2409	.3753
#3	.2550	.0933	.0185	.2582	.2195	.2409	.1691
#4	.2571	.1033	.0243	.2532	.2755	.2548	.1072

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2209	.3265	.1014	.2541
SDev	.1036	.1891	.0004	.0027
%RSD	46.87	57.92	.3511	1.060

#1	.3360	.2769	.1016	.2510
#2	.2514	.1183	.1016	.2530
#3	.0873	.3364	.1009	.2570
#4	.2090	.5743	.1016	.2557

Analysis Report

12/07/01 10:45:11 AM

page 1

Method: IECW Sample Name: lrb

Operator: it

Run Time: 12/07/01 10:43:15

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0060	.0300	.0108	.0027	.0012	.0005	.0088
SDev	.0029	.0086	.0102	.0010	.0008	.0001	.0035
%RSD	48.33	28.67	94.69	38.04	63.98	27.33	39.77

#1	.0018	.0174	<.0000	.0012	.0014	.0007	.0036
#2	.0079	.0354	.0159	.0032	.0022	.0005	.0110
#3	.0063	.0316	.0160	.0032	.0006	.0005	.0103
#4	.0079	.0354	.0159	.0032	.0006	.0004	.0105

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	.0049	.0043	.0028	.0003	1.395	.0407
SDev	.0021	.0023	.0024	.0014	.0018	.583	.0213
%RSD	134.6	46.69	56.91	48.80	535.6	41.80	52.42

#1	.0001	.0024	.0008	.0014	<.0000	.6929	.0151
#2	.0024	.0076	.0064	.0046	.0010	2.079	.0566
#3	.0040	.0037	.0045	.0022	<.0000	1.232	.0311
#4	<.0000	.0061	.0055	.0030	.0025	1.578	.0598

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0007	.0167	.0517	.0009	.0161	.0279	.1030
SDev	.0007	.0047	.0227	.0068	.0262	.0176	.0592
%RSD	95.96	28.29	44.01	733.4	162.1	63.04	57.52

#1	.0005	.0133	.0283	<.0000	<.0000	.0034	.1082
#2	.0012	.0233	.0712	.0012	.0215	.0314	.1081
#3	<.0000	.0133	.0361	.0100	.0387	.0454	.1700
#4	.0012	.0167	.0712	<.0000	.0258	.0314	.0256

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.0886	.0296	.0046	.0012
SDev	.2827	.0767	.0014	.0006
%RSD	319.1	258.9	29.11	54.90

#1	<.0000	<.0000	.0027	.0017
#2	.1454	.0593	.0048	.0003
#3	.2037	<.0000	.0055	.0010
#4	.3254	.1188	.0055	.0017

Analysis Report

12/07/01 10:49:40 AM

page 1

Method: IECW Sample Name: 27544
 Run Time: 12/07/01 10:47:55
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

✓ OK

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0014	.0142	.0723	.0035	.0142	<.0000	5.932
SDev	.0021	.0149	.0382	.0013	.0005	.0001	.025
%RSD	143.7	105.0	52.84	36.75	3.280	57.73	.4256
#1	.0032	.0309	.0634	.0049	.0146	<.0000	5.965
#2	.0027	.0137	.0947	.0039	.0138	<.0000	5.911
#3	<.0000	<.0000	.0225	.0018	.0138	<.0000	5.914
#4	.0012	.0175	.1085	.0033	.0146	<.0000	5.939
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0015	.0014	.0009	.0275	.7699	1.314
SDev	.0013	.0026	.0035	.0014	.0024	.6434	.018
%RSD	649.5	172.5	241.6	161.9	8.798	83.57	1.394
#1	.0006	.0050	.0038	.0021	.0286	1.078	1.315
#2	<.0000	.0011	.0033	.0013	.0300	1.155	1.334
#3	.0006	<.0000	<.0000	<.0000	.0243	<.0000	1.290
#4	.0001	.0012	.0024	.0013	.0272	1.039	1.315
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0250	<.0000	7.177	.0056	.0226	<.0000	.0199
SDev	.0004	.0063	.020	.0078	.0215	.0239	.0259
%RSD	1.644	68.09	.2783	137.9	95.09	167.6	130.0
#1	.0254	<.0000	7.174	.0047	.0517	<.0000	.0250
#2	.0247	<.0000	7.166	<.0000	.0258	<.0000	.0251
#3	.0247	<.0000	7.207	.0147	.0043	<.0000	<.0000
#4	.0254	<.0000	7.164	.0072	.0086	.0172	.0457
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8721	.1266	.0010	<.0000			
SDev	.1951	.0978	.0021	.0011			
%RSD	22.37	77.25	211.8	99.58			
#1	1.096	.1167	.0033	.0002			
#2	.9740	.1167	.0019	<.0000			
#3	.6883	.2555	<.0000	<.0000			
#4	.7306	.0176	.0005	<.0000			

Analysis Report

12/07/01 10:51:53 AM

page 1

Method: IECW Sample Name: 27544lab dup

Operator: it

Run Time: 12/07/01 10:50:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0022	.0099	.0292	.0034	.0142	<.0000	5.903
SDev	.0012	.0091	.0235	.0006	.0005	.0000	.022
%RSD	56.77	91.09	80.58	17.71	3.284	.0000	.3677
#1	.0012	<.0000	<.0000	.0039	.0146	<.0000	5.911
#2	.0012	.0118	.0533	.0028	.0138	<.0000	5.889
#3	.0037	.0156	.0256	.0039	.0146	<.0000	5.930
#4	.0027	.0156	.0394	.0028	.0138	<.0000	5.883
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0025	.0045	.0005	.0243	1.020	1.301
SDev	.0018	.0011	.0016	.0007	.0020	.398	.013
%RSD	2861.	43.32	35.55	143.2	8.249	39.03	1.011
#1	<.0000	.0039	.0029	<.0000	.0215	.5004	1.290
#2	.0023	.0012	.0047	.0005	.0243	.9239	1.290
#3	.0001	.0026	.0038	.0005	.0258	1.270	1.309
#4	<.0000	.0024	.0066	.0013	.0258	1.386	1.315
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0250	<.0000	7.137	.0009	.0065	.0068	<.0000
SDev	.0004	.0067	.049	.0025	.0191	.0289	.0842
%RSD	1.646	49.61	.6824	269.9	295.9	427.0	229.0
#1	.0254	<.0000	7.097	<.0000	<.0000	.0033	.0251
#2	.0247	<.0000	7.185	.0022	<.0000	.0453	<.0000
#3	.0247	<.0000	7.174	.0022	.0172	<.0000	<.0000
#4	.0254	<.0000	7.094	.0022	.0258	.0032	.0045
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6816	.1564	.0014	.0004			
SDev	.0726	.0584	.0015	.0006			
%RSD	10.65	37.32	107.8	155.7			
#1	.6089	.1961	<.0000	<.0000			
#2	.6301	.1168	.0005	.0009			
#3	.7359	.2158	.0026	.0009			
#4	.7517	.0969	.0026	.0002			

Analysis Report

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Method: IECW Sample Name: 27544spk

Operator: it

Run Time: 12/07/01 10:59:32

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0221	.2202	.2837	.2622	.2624	.0471	5.870
SDev	.0017	.0056	.0317	.0033	.0011	.0001	.019
%RSD	7.612	2.558	11.18	1.249	.4366	.2533	.3241
#1	.0244	.2282	.2611	.2601	.2616	.0471	5.898
#2	.0219	.2168	.2751	.2622	.2624	.0471	5.860
#3	.0203	.2197	.3306	.2668	.2640	.0473	5.861
#4	.0219	.2159	.2682	.2596	.2616	.0471	5.860
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1059	.1020	.2478	.2447	.2661	<.0000	1.270
SDev	.0014	.0021	.0019	.0013	.0024	.2410	.020
%RSD	1.321	2.040	.7451	.5388	.9115	60.34	1.544
#1	.1062	.1000	.2462	.2447	.2693	<.0000	1.290
#2	.1073	.1048	.2500	.2447	.2636	<.0000	1.284
#3	.1040	.1021	.2486	.2463	.2650	<.0000	1.255
#4	.1062	.1010	.2463	.2430	.2665	<.0000	1.252
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2784	.0890	7.120	.2547	.2631	.2479	.3426
SDev	.0009	.0032	.022	.0076	.0158	.0210	.0732
%RSD	.3221	3.592	.3091	2.969	5.988	8.482	21.35
#1	.2786	.0848	7.143	.2653	.2718	.2584	.3887
#2	.2786	.0915	7.120	.2478	.2459	.2584	.2398
#3	.2793	.0915	7.126	.2516	.2545	.2163	.4043
#4	.2772	.0881	7.090	.2541	.2804	.2584	.3426
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8832	.3771	.0999	.2537			
SDev	.0436	.0500	.0021	.0016			
%RSD	4.933	13.25	2.056	.6273			
#1	.9172	.4520	.1024	.2527			
#2	.9224	.3521	.0996	.2547			
#3	.8598	.3521	.0975	.2554			
#4	.8336	.3521	.1003	.2521			

Analysis Report

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Method: IECW Sample Name: 27545

Run Time: 12/07/01 11:05:16

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0088	.0054	.0134	<.0000	5.904
SDev	.0019	.0082	.0280	.0015	.0004	.0000	.034
%RSD	50.91	79.51	319.9	27.89	3.011	.0000	.5722

#1	<.0000	<.0000	<.0000	.0039	.0132	<.0000	5.918
#2	<.0000	<.0000	.0460	.0070	.0132	<.0000	5.857
#3	<.0000	<.0000	.0147	.0064	.0140	<.0000	5.935
#4	<.0000	<.0000	<.0000	.0044	.0132	<.0000	5.908

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	.0006	<.0000	<.0000	.0247	<.0000	1.254
SDev	.0006	.0026	.0025	.0014	.0012	.4154	.010
%RSD	41.84	399.7	88.89	50.49	4.689	32.31	.7656

#1	.0011	<.0000	<.0000	<.0000	.0233	<.0000	1.246
#2	.0011	<.0000	<.0000	<.0000	.0247	<.0000	1.246
#3	.0011	.0041	.0002	<.0000	.0261	<.0000	1.258
#4	.0022	.0006	<.0000	<.0000	.0247	<.0000	1.265

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0241	<.0000	6.822	.0028	<.0000	<.0000	.0405
SDev	.0000	.0017	.038	.0073	.0265	.0303	.0894
%RSD	.0033	21.94	.5510	260.0	111.6	421.4	220.6

#1	.0241	<.0000	6.849	<.0000	<.0000	<.0000	<.0000
#2	.0241	<.0000	6.773	<.0000	<.0000	.0068	<.0000
#3	.0241	<.0000	6.812	.0119	<.0000	.0208	.1587
#4	.0241	<.0000	6.853	.0056	.0086	<.0000	.0559

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6377	.0429	<.0000	<.0000
SDev	.0852	.0258	.0015	.0004
%RSD	13.35	60.24	42.46	41.87

#1	.5515	.0529	<.0000	<.0000
#2	.5985	.0729	<.0000	<.0000
#3	.7500	.0129	<.0000	<.0000
#4	.6508	.0329	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 27546

Operator: it

Run Time: 12/07/01 11:07:17

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0055	.0140	<.0000	5.947
SDev	.0010	.0054	.0624	.0014	.0000	.0000	.014
%RSD	30.83	64.61	380.0	25.63	.0128	100.00	.2390

#1	<.0000	<.0000	<.0000	.0069	.0140	<.0000	5.938
#2	<.0000	<.0000	.0217	.0049	.0140	<.0000	5.951
#3	<.0000	<.0000	.0287	.0039	.0140	<.0000	5.966
#4	<.0000	<.0000	<.0000	.0064	.0140	.0000	5.935

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	<.0000	.0162	.0325	<.0000	1.279
SDev	.0011	.0023	.0014	.0015	.0018	.3890	.016
%RSD	324.1	1001.	111.4	9.100	5.641	45.38	1.251

#1	<.0000	<.0000	<.0000	.0170	.0304	<.0000	1.281
#2	<.0000	<.0000	<.0000	.0154	.0347	<.0000	1.274
#3	.0010	<.0000	<.0000	.0146	.0332	<.0000	1.300
#4	.0016	.0030	.0002	.0178	.0318	<.0000	1.262

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0266	<.0000	6.338	<.0000	<.0000	<.0000	.0097
SDev	.0009	.0042	.024	.0076	.0103	.0243	.0541
%RSD	3.461	45.34	.3817	480.0	52.89	170.9	559.6

#1	.0270	<.0000	6.343	<.0000	<.0000	<.0000	.0354
#2	.0263	<.0000	6.337	.0019	<.0000	.0068	<.0000
#3	.0255	<.0000	6.366	<.0000	<.0000	<.0000	.0148
#4	.0277	<.0000	6.308	.0056	<.0000	.0068	.0559

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.5841	.0578	<.0000	.0036
SDev	.0751	.0526	.0007	.0003
%RSD	12.85	90.95	17.94	9.320

#1	.5880	.0928	<.0000	.0034
#2	.5149	.1128	<.0000	.0041
#3	.5462	.0128	<.0000	.0034
#4	.6873	.0129	<.0000	.0034

Analysis Report

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Method: IECW Sample Name: 27569

Operator: it

Run Time: 12/07/01 11:11:43

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0269	.0050	.0140	<.0000	6.043
SDev	.0015	.0042	.0568	.0013	.0000	.0000	.025
%RSD	42.42	74.95	211.2	25.65	.0203	.0000	.4112

#1	<.0000	<.0000	<.0000	.0033	.0140	<.0000	6.066
#2	<.0000	<.0000	.0391	.0064	.0140	<.0000	6.008
#3	<.0000	.0007	.0459	.0049	.0140	<.0000	6.043
#4	<.0000	<.0000	.0772	.0054	.0140	<.0000	6.054

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	.0011	<.0000	.0067	.0375	<.0000	1.269
SDev	.0025	.0025	.0017	.0008	.0026	.2095	.017
%RSD	1147.	218.1	100.6	11.52	6.938	21.30	1.356

#1	.0016	<.0000	<.0000	.0057	.0389	<.0000	1.271
#2	.0027	.0038	.0002	.0073	.0403	<.0000	1.246
#3	<.0000	.0026	<.0000	.0065	.0346	<.0000	1.271
#4	<.0000	<.0000	<.0000	.0073	.0361	<.0000	1.287

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0304	<.0000	4.015	.0072	<.0000	<.0000	<.0000
SDev	.0004	.0017	.027	.0031	.0207	.0140	.0424
%RSD	1.176	21.95	.6748	43.55	127.6	98.69	6722.

#1	.0305	<.0000	4.050	.0056	<.0000	<.0000	.0559
#2	.0305	<.0000	3.989	.0119	<.0000	<.0000	<.0000
#3	.0305	<.0000	3.999	.0056	.0086	<.0000	<.0000
#4	.0298	<.0000	4.022	.0056	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4378	.1228	<.0000	.0004
SDev	.0394	.1000	.0012	.0007
%RSD	9.002	81.41	37.74	163.0

#1	.4940	<.0000	<.0000	.0007
#2	.4105	.1728	<.0000	<.0000
#3	.4365	.1728	<.0000	.0007
#4	.4104	.1727	<.0000	.0007

Analysis Report

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page 1

Method: IECW Sample Name: 27570

Operator: it

Run Time: 12/07/01 11:13:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0257	.0154	.0288	<.0000	24.88
SDev	.0015	.0039	.0154	.0018	.0004	.0000	.08
%RSD	191.8	122.4	59.92	11.35	1.405	100.00	.3256

#1	.0002	<.0000	.0447	.0177	.0289	.0000	24.99
#2	<.0000	.0018	.0100	.0147	.0290	<.0000	24.87
#3	<.0000	<.0000	.0171	.0157	.0290	<.0000	24.80
#4	.0007	<.0000	.0309	.0136	.0281	<.0000	24.87

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	.0004	.0015	<.0000	.0611	1.189	8.251
SDev	.0011	.0015	.0011	.0007	.0014	.255	.018
%RSD	395.5	405.3	75.84	52.86	2.210	21.42	.2155

#1	.0001	.0024	.0030	<.0000	.0622	1.189	8.268
#2	.0018	.0005	.0006	<.0000	.0608	.8768	8.258
#3	<.0000	<.0000	.0016	<.0000	.0594	1.189	8.226
#4	.0002	<.0000	.0006	<.0000	.0622	1.500	8.252

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0598	<.0000	26.17	<.0000	<.0000	.0092	.0423
SDev	.0014	.0017	.10	.0058	.0262	.0176	.0682
%RSD	2.255	20.74	.3933	720.9	485.5	191.5	161.2

#1	.0607	<.0000	26.18	.0014	.0043	.0057	.0526
#2	.0607	<.0000	26.31	.0064	<.0000	<.0000	<.0000
#3	.0578	<.0000	26.09	<.0000	<.0000	.0338	.1348
#4	.0600	<.0000	26.10	<.0000	.0173	.0057	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.337	.1066	<.0000	<.0000
SDev	.064	.0597	.0016	.0008
%RSD	4.789	55.98	124.0	827.3

#1	1.416	.1815	<.0000	<.0000
#2	1.333	.0416	<.0000	<.0000
#3	1.260	.0817	<.0000	<.0000
#4	1.338	.1216	.0003	.0011

Analysis Report

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page 1

Method: IECW Sample Name: 27571

Operator: it

Run Time: 12/07/01 11:17:50

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0156	.0051	.0134	<.0000	6.010
SDev	.0015	.0027	.0426	.0009	.0004	.0000	.017
%RSD	42.42	32.72	272.6	17.29	3.040	.0000	.2838

#1	<.0000	<.0000	.0217	.0054	.0132	<.0000	5.997
#2	<.0000	<.0000	.0564	.0038	.0140	<.0000	5.995
#3	<.0000	<.0000	.0287	.0059	.0132	<.0000	6.027
#4	<.0000	<.0000	<.0000	.0054	.0132	<.0000	6.023

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	<.0000	<.0000	.0017	.0442	<.0000	1.277
SDev	.0014	.0006	.0010	.0007	.0014	.3586	.016
%RSD	94.86	203.1	81.52	39.47	3.068	55.77	1.268

#1	.0010	<.0000	<.0000	.0009	.0446	<.0000	1.271
#2	.0016	.0001	<.0000	.0017	.0432	<.0000	1.258
#3	.0033	<.0000	.0002	.0017	.0432	<.0000	1.281
#4	<.0000	.0001	<.0000	.0025	.0460	<.0000	1.297

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0271	<.0000	3.999	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0000	.040	.0071	.0134	.0176	.0828
%RSD	1.309	.0286	.9974	566.0	124.3	164.7	133.0

#1	.0270	<.0000	3.987	.0019	<.0000	.0068	<.0000
#2	.0270	<.0000	3.985	<.0000	<.0000	<.0000	<.0000
#3	.0270	<.0000	4.058	.0069	<.0000	<.0000	<.0000
#4	.0277	<.0000	3.967	<.0000	.0086	<.0000	.0559

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2941	.0428	<.0000	<.0000
SDev	.0187	.0739	.0019	.0004
%RSD	6.375	172.6	54.28	41.57

#1	.2798	<.0000	<.0000	<.0000
#2	.2850	.0528	<.0000	<.0000
#3	.2902	.0328	<.0000	<.0000
#4	.3215	.1327	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 27547

Operator: it

Run Time: 12/07/01 11:44:50

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0039	.0140	.0002	6.034
SDev	.0015	.0102	.0274	.0011	.0000	.0002	.035
%RSD	39.93	109.6	51.92	28.64	.0328	96.01	.5828

#1	<.0000	.0035	<.0000	.0054	.0140	.0004	6.086
#2	<.0000	<.0000	<.0000	.0028	.0140	.0002	6.018
#3	<.0000	<.0000	<.0000	.0039	.0140	.0001	6.021
#4	<.0000	<.0000	<.0000	.0034	.0140	.0000	6.010

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0045	.0297	<.0000	1.274
SDev	.0021	.0018	.0027	.0008	.0043	.2258	.033
%RSD	602.7	75.01	99.71	17.94	14.42	16.44	2.573

#1	<.0000	<.0000	.0006	.0057	.0247	<.0000	1.316
#2	<.0000	<.0000	<.0000	.0041	.0275	<.0000	1.271
#3	.0022	<.0000	<.0000	.0041	.0332	<.0000	1.271
#4	<.0000	<.0000	<.0000	.0041	.0332	<.0000	1.236

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0211	<.0000	6.896	.0034	<.0000	<.0000	.0919
SDev	.0004	.0064	.024	.0033	.0201	.0386	.0925
%RSD	1.689	47.58	.3462	95.54	84.62	156.2	100.7

#1	.0213	<.0000	6.921	.0081	.0043	<.0000	.0353
#2	.0206	<.0000	6.865	.0031	<.0000	.0208	.0148
#3	.0213	<.0000	6.904	.0019	<.0000	<.0000	.0970
#4	.0213	<.0000	6.892	.0006	<.0000	<.0000	.2204

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0078	<.0000	.0004
SDev	.0916	.1011	.0009	.0009
%RSD	28.30	1289.	23.56	210.2

#1	<.0000	<.0000	<.0000	.0001
#2	<.0000	<.0000	<.0000	.0014
#3	<.0000	.0928	<.0000	<.0000
#4	<.0000	.0929	<.0000	.0007

Analysis Report

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page 1

Method: IECW Sample Name: 27548

Operator: it

Run Time: 12/07/01 11:50:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0013	<.0000	.0050	.0143	<.0000	6.247
SDev	.0022	.0100	.0267	.0018	.0005	.0001	.052
%RSD	218.0	746.6	218.4	35.01	3.261	230.9	.8257

#1	<.0000	<.0000	.0183	.0028	.0139	<.0000	6.305
#2	<.0000	.0063	.0007	.0064	.0139	<.0000	6.210
#3	<.0000	<.0000	<.0000	.0043	.0148	.0000	6.198
#4	.0010	.0121	<.0000	.0064	.0147	.0000	6.277

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	.0003	<.0000	.0130	.0421	<.0000	1.284
SDev	.0007	.0014	.0007	.0007	.0032	.3343	.007
%RSD	335.0	527.9	84.30	5.084	7.485	48.33	.5757

#1	.0005	<.0000	<.0000	.0122	.0432	<.0000	1.278
#2	<.0000	.0001	<.0000	.0130	.0375	<.0000	1.278
#3	<.0000	.0015	.0002	.0130	.0446	<.0000	1.290
#4	.0010	.0011	<.0000	.0138	.0432	<.0000	1.290

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0254	<.0000	7.615	.0041	<.0000	<.0000	.0559
SDev	.0004	.0017	.071	.0056	.0065	.0292	.0444
%RSD	1.406	28.22	.9316	138.7	66.64	13200.	79.51

#1	.0255	<.0000	7.716	.0069	<.0000	.0349	.0970
#2	.0255	<.0000	7.573	.0069	<.0000	<.0000	<.0000
#3	.0248	<.0000	7.559	.0069	<.0000	.0068	.0559
#4	.0255	<.0000	7.614	<.0000	<.0000	<.0000	.0764

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.1078	<.0000	.0016
SDev	.0677	.0755	.0013	.0003
%RSD	22.56	70.05	59.01	21.22

#1	<.0000	.2127	<.0000	.0021
#2	<.0000	.0928	<.0000	.0014
#3	<.0000	.0328	<.0000	.0014
#4	<.0000	.0927	<.0000	.0014

Analysis Report

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page 1

Method: IECW Sample Name: 27550

Operator: it

Run Time: 12/07/01 11:56:03

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0055	.0155	<.0000	6.389
SDev	.0022	.0072	.0452	.0016	.0000	.0000	.038
%RSD	67.58	58.39	71.50	28.96	.0240	.0000	.5995

#1	<.0000	<.0000	<.0000	.0069	.0155	<.0000	6.389
#2	<.0000	<.0000	<.0000	.0054	.0155	<.0000	6.382
#3	<.0000	<.0000	<.0000	.0064	.0156	<.0000	6.346
#4	<.0000	<.0000	<.0000	.0033	.0155	<.0000	6.439

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0075	.0545	<.0000	1.245
SDev	.0016	.0006	.0023	.0008	.0026	.5736	.013
%RSD	333.3	72.86	182.7	10.30	4.757	49.90	1.036

#1	<.0000	<.0000	<.0000	.0081	.0560	<.0000	1.239
#2	.0005	<.0000	.0006	.0073	.0517	<.0000	1.258
#3	.0005	<.0000	<.0000	.0081	.0531	<.0000	1.230
#4	<.0000	<.0000	<.0000	.0065	.0574	<.0000	1.252

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0149	<.0000	7.051	.0066	<.0000	.0033	.0456
SDev	.0000	.0017	.063	.0052	.0342	.0070	.0864
%RSD	.0060	22.01	.8978	78.27	117.5	210.6	189.3

#1	.0149	<.0000	7.066	.0069	.0129	.0068	.0970
#2	.0149	<.0000	7.021	.0132	<.0000	.0068	<.0000
#3	.0149	<.0000	6.984	.0006	<.0000	.0068	.1381
#4	.0149	<.0000	7.131	.0056	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0078	<.0000	.0004
SDev	.0434	.0772	.0015	.0004
%RSD	9.106	984.3	47.47	95.22

#1	<.0000	<.0000	<.0000	.0001
#2	<.0000	<.0000	<.0000	.0007
#3	<.0000	.0528	<.0000	.0007
#4	<.0000	.0928	<.0000	.0001

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 12/07/01 12:01:49
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4549 ✓	.9734 ✓	<.0000	1.017	1.010 ✓	1.047 ✓	1.008 ✓
SDev	.0034	.0069	.0124	.012	.010	.009	.010
%RSD	.7513	.7096	28.99	1.181	.9733	.8652	1.036
#1	.4569	.9668	<.0000	1.008	.9975	1.035	.9963
#2	.4498	.9706	<.0000	1.007	1.006	1.045	1.004
#3	.4559	.9830	<.0000	1.020	1.017	1.053	1.021
#4	.4569	.9734	<.0000	1.033	1.019	1.055	1.012
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9928 ✓	1.001 ✓	.9813 ✓	.9636 ✓	1.048 ✓	<.0000	.9588 ✓
SDev	.0110	.009	.0084	.0074	.011	.0864	.0048
%RSD	1.112	.8490	.8610	.7662	1.076	5.578	.5002
#1	.9789	.9918	.9698	.9552	1.038	<.0000	.9548
#2	.9895	.9968	.9801	.9600	1.041	<.0000	.9548
#3	1.004	1.006	.9885	.9681	1.062	<.0000	.9644
#4	.9990	1.010	.9867	.9713	1.053	<.0000	.9612
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9998 ✓	1.073 ✓	1.088 ✓	1.077 ✓	.9759	1.069	.0052
SDev	.0085	.027	.010	.022	.0331	.057	.0351
%RSD	.8542	2.505	.9538	2.042	3.394	5.351	676.9
#1	.9893	1.041	1.090	1.046	.9403	1.041	.0104
#2	.9964	1.061	1.082	1.078	.9835	1.027	<.0000
#3	1.006	1.088	1.102	1.090	1.018	1.153	<.0000
#4	1.007	1.101	1.078	1.095	.9619	1.055	.0514
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	1.195	1.024 ✓	.9919 ✓			
SDev	.0328	.072	.008	.0097			
%RSD	7.523	6.009	.7411	.9802			
#1	<.0000	1.210	1.014	.9780			
#2	<.0000	1.090	1.023	.9927			
#3	<.0000	1.230	1.030	1.000			
#4	<.0000	1.250	1.029	.9967			

Analysis Report

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Method: IECW Sample Name: cb

Operator: it

Run Time: 12/07/01 12:05:39

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 ✓	<.0000	.0018	<.0000 ✓	.0001 ✓	<.0000 ✓
SDev	.0021	.0131	.0471	.0017	.0004	.0001	.0031
%RSD	233.3	228.4	57.26	94.21	200.8	76.98	51.17

#1	<.0000	<.0000	<.0000	.0006	.0000	.0001	<.0000
#2	<.0000	<.0000	<.0000	.0037	<.0000	.0000	<.0000
#3	.0022	.0129	<.0000	.0027	<.0000	.0001	<.0000
#4	<.0000	<.0000	<.0000	.0001	.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0018	.0008 ✓	.0008 ✓	<.0000 ✓	<.0000 ✓	<.0000	<.0000 ✓
SDev	.0008	.0018	.0029	.0017	.0021	.0044	.0174
%RSD	46.15	232.6	354.4	412.6	85.69	45.76	272.4

#1	.0028	.0010	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0011	.0007	.0000	<.0000	<.0000	<.0000	<.0000
#3	.0011	.0030	.0047	.0018	<.0000	<.0000	.0176
#4	.0022	<.0000	.0009	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000 ✓	.0008 ✓	<.0000 ✓	.0069 ✓	<.0000	<.0000	.0822
SDev	.0009	.0050	.0235	.0037	.0056	.0070	.0456
%RSD	504.9	596.6	300.1	54.22	36.87	201.5	55.40

#1	.0000	.0050	<.0000	.0060	<.0000	.0070	.0360
#2	.0000	<.0000	.0118	.0035	<.0000	<.0000	.1388
#3	.0007	.0050	.0118	.0122	<.0000	<.0000	.0976
#4	<.0000	<.0000	<.0000	.0060	<.0000	<.0000	.0566

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0500	<.0000 ✓	<.0000 ✓
SDev	.0943	.0341	.0024	.0010
%RSD	6.246	68.31	120.2	150.1

#1	<.0000	.0550	<.0000	.0002
#2	<.0000	.0150	<.0000	<.0000
#3	<.0000	.0349	.0014	.0002
#4	<.0000	.0950	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 27622

Run Time: 12/07/01 13:09:22

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0135	<.0000	6.110
SDev	.0009	.0059	.0638	.0009	.0005	.0001	.014
%RSD	23.75	30.82	134.5	27.95	3.444	46.19	.2303

#1	<.0000	<.0000	.0391	.0039	.0140	<.0000	6.096
#2	<.0000	<.0000	<.0000	.0044	.0131	<.0000	6.102
#3	<.0000	<.0000	<.0000	.0028	.0140	<.0000	6.128
#4	<.0000	<.0000	<.0000	.0023	.0131	<.0000	6.112

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	<.0000	<.0000	<.0000	.0258	<.0000	1.280
SDev	.0016	.0031	.0006	.0004	.0014	.0842	.005
%RSD	252.8	322.1	21.03	9.645	5.295	4.364	.3750

#1	<.0000	<.0000	<.0000	<.0000	.0247	<.0000	1.284
#2	.0010	.0010	<.0000	<.0000	.0275	<.0000	1.274
#3	.0027	<.0000	<.0000	<.0000	.0247	<.0000	1.284
#4	<.0000	.0013	<.0000	<.0000	.0261	<.0000	1.278

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0245	<.0000	7.298	.0038	<.0000	<.0000	.0405
SDev	.0004	.0069	.032	.0075	.0124	.0134	.0590
%RSD	1.681	74.37	.4402	199.4	229.9	76.00	145.7

#1	.0241	<.0000	7.277	.0056	<.0000	<.0000	<.0000
#2	.0248	<.0000	7.302	.0107	<.0000	<.0000	.0765
#3	.0248	<.0000	7.341	.0056	.0130	<.0000	.0560
#4	.0241	<.0000	7.271	<.0000	<.0000	<.0000	.0765

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0478	<.0000	<.0000
SDev	.0157	.0412	.0007	.0009
%RSD	1.250	86.16	17.89	159.8

#1	<.0000	.0928	<.0000	<.0000
#2	<.0000	.0728	<.0000	.0007
#3	<.0000	.0128	<.0000	<.0000
#4	<.0000	.0128	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 27622 *Lab Deep* Operator: it
 Run Time: 12/07/01 13:14:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0045	.0140	<.0000	6.053 <i>6.110</i>
SDev	.0011	.0077	.0232	.0015	.0000	.0000	.029
%RSD	69.50	111.1	27.10	32.66	.0182	50.00	.4764

#1	<.0000	<.0000	<.0000	.0064	.0140	<.0000	6.012
#2	<.0000	<.0000	<.0000	.0044	.0140	<.0000	6.074
#3	<.0000	<.0000	<.0000	.0028	.0140	<.0000	6.071
#4	<.0000	<.0000	<.0000	.0044	.0140	<.0000	6.055

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0017	.0003	<.0000	<.0000	.0247 <i>2.53</i>	<.0000	1.278 <i>1.230</i>
SDev	.0024	.0011	.0010	.0015	.0020	.3297	.005
%RSD	138.7	423.6	45.29	55.77	8.153	27.97	.4276

#1	<.0000	.0005	<.0000	<.0000	.0261	<.0000	1.281
#2	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.278
#3	.0038	.0018	<.0000	<.0000	.0218	<.0000	1.284
#4	.0038	<.0000	<.0000	<.0000	.0247	<.0000	1.271

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0245 <i>2.45</i>	<.0000	7.167 <i>7.298</i>	.0025	<.0000	<.0000	.0662
SDev	.0004	.0058	.063	.0042	.0237	.0362	.0118
%RSD	1.681	57.23	.8845	166.2	129.4	170.6	17.90

#1	.0241	<.0000	7.080	.0081	<.0000	<.0000	.0765
#2	.0248	<.0000	7.200	.0019	<.0000	<.0000	.0559
#3	.0248	<.0000	7.226	.0019	.0043	<.0000	.0559
#4	.0241	<.0000	7.161	<.0000	<.0000	.0208	.0765

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0078	<.0000	<.0000
SDev	.0379	.0680	.0019	.0006
%RSD	2.863	867.5	57.68	150.7

#1	<.0000	.0328	<.0000	<.0000
#2	<.0000	.0928	<.0000	.0001
#3	<.0000	<.0000	<.0000	.0001
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 27622spk

Operator: it

Run Time: 12/07/01 13:21:22

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0212	.2197	.1988	.2599	.2743	.0478	5.982
SDev	.0017	.0047	.0199	.0033	.0008	.0002	.022
%RSD	8.139	2.154	9.993	1.276	.2819	.4326	.3705

#1	.0219	.2263	.1745	.2606	.2745	.0478	5.991
#2	.0234	.2197	.2092	.2617	.2753	.0481	6.001
#3	.0198	.2168	.1919	.2550	.2737	.0478	5.985
#4	.0198	.2159	.2197	.2622	.2737	.0476	5.950

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1055	.1070	.2529	.2483	.2739	<.0000	1.261
SDev	.0036	.0011	.0015	.0005	.0032	.1119	.014
%RSD	3.427	1.007	.6121	.1876	1.152	6.641	1.142

#1	.1106	.1058	.2519	.2487	.2707	<.0000	1.281
#2	.1051	.1083	.2547	.2487	.2721	<.0000	1.249
#3	.1040	.1065	.2537	.2479	.2778	<.0000	1.262
#4	.1023	.1073	.2514	.2479	.2750	<.0000	1.252

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2845	.0864	7.182	.2606	.2265	.2198	3066
SDev	.0007	.0043	.041	.0061	.0224	.0070	.0308
%RSD	.2399	4.982	.5714	2.337	9.902	3.189	10.05

#1	.2843	.0814	7.204	.2641	.2200	.2163	.3220
#2	.2850	.0881	7.222	.2591	.1984	.2303	.3221
#3	.2850	.0915	7.176	.2666	.2372	.2163	.2604
#4	.2836	.0848	7.127	.2528	.2502	.2163	.3221

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.3371	.1024	.2541
SDev	.0684	.0412	.0012	.0026
%RSD	5.629	12.22	1.135	1.008

#1	<.0000	.3321	.1039	.2521
#2	<.0000	.2922	.1024	.2547
#3	<.0000	.3921	.1010	.2521
#4	<.0000	.3321	.1024	.2574

Analysis Report

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Method: IECW Sample Name: 27623

Operator: it

Run Time: 12/07/01 13:25:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0041	.0137	<.0000	6.154
SDev	.0015	.0053	.0831	.0013	.0004	.0000	.043
%RSD	35.05	27.00	253.8	31.50	2.912	.0000	.7003

#1	<.0000	<.0000	<.0000	.0044	.0139	<.0000	6.156
#2	<.0000	<.0000	<.0000	.0023	.0139	<.0000	6.198
#3	<.0000	<.0000	<.0000	.0054	.0131	<.0000	6.096
#4	<.0000	<.0000	.0842	.0044	.0139	<.0000	6.169

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0279	<.0000	1.284
SDev	.0018	.0006	.0004	.0010	.0024	.4201	.017
%RSD	539.9	56.31	10.56	23.77	8.680	19.00	1.303

#1	.0010	<.0000	<.0000	<.0000	.0275	<.0000	1.281
#2	<.0000	<.0000	<.0000	<.0000	.0304	<.0000	1.297
#3	<.0000	<.0000	<.0000	<.0000	.0247	<.0000	1.262
#4	.0010	<.0000	<.0000	<.0000	.0289	<.0000	1.297

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0248	<.0000	7.097	.0041	<.0000	<.0000	.0303
SDev	.0000	.0017	.051	.0047	.0089	.0265	.0351
%RSD	.0060	18.04	.7161	116.4	23.57	248.8	116.0

#1	.0248	<.0000	7.067	<.0000	<.0000	.0068	.0354
#2	.0248	<.0000	7.173	.0031	<.0000	.0069	.0765
#3	.0248	<.0000	7.071	.0107	<.0000	<.0000	<.0000
#4	.0248	<.0000	7.076	.0031	<.0000	<.0000	.0148

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0378	<.0000	<.0000
SDev	.0312	.0597	.0009	.0006
%RSD	2.079	157.8	16.05	43.29

#1	<.0000	.1128	<.0000	<.0000
#2	<.0000	.0128	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0528	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 27624

Operator: it

Run Time: 12/07/01 13:27:51

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0038	.0152	<.0000	6.249
SDev	.0019	.0075	.0213	.0021	.0005	.0000	.027
%RSD	61.40	119.6	81.77	55.68	3.079	50.00	.4350

#1	<.0000	.0016	<.0000	.0044	.0156	<.0000	6.226
#2	<.0000	<.0000	<.0000	.0013	.0148	<.0000	6.227
#3	<.0000	<.0000	.0008	.0033	.0156	<.0000	6.281
#4	<.0000	<.0000	<.0000	.0064	.0147	<.0000	6.262

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	<.0000	.0172	.0432	<.0000	1.282
SDev	.0005	.0014	.0018	.0012	.0023	.3548	.010
%RSD	150.7	235.2	110.6	7.036	5.379	22.62	.7484

#1	<.0000	<.0000	<.0000	.0178	.0432	<.0000	1.271
#2	.0010	<.0000	.0006	.0162	.0432	<.0000	1.278
#3	.0005	.0010	<.0000	.0186	.0460	<.0000	1.290
#4	<.0000	<.0000	<.0000	.0162	.0403	<.0000	1.290

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0339	<.0000	6.443	.0103	<.0000	<.0000	.0867
SDev	.0004	.0050	.055	.0033	.0054	.0369	.0778
%RSD	1.053	45.77	.8600	31.91	29.61	344.1	89.75

#1	.0341	<.0000	6.378	.0119	<.0000	.0208	<.0000
#2	.0341	<.0000	6.443	.0107	<.0000	.0208	.0970
#3	.0334	<.0000	6.437	.0132	<.0000	<.0000	.1381
#4	.0341	<.0000	6.513	.0056	<.0000	<.0000	.1381

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0878	<.0000	.0002
SDev	.0197	.0252	.0013	.0010
%RSD	1.340	28.66	44.60	417.7

#1	<.0000	.1128	<.0000	.0007
#2	<.0000	.0928	<.0000	<.0000
#3	<.0000	.0927	<.0000	.0014
#4	<.0000	.0528	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 27625

Operator: it

Run Time: 12/07/01 13:31:28

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0032	.0142	<.0000	6.112
SDev	.0011	.0100	.0754	.0009	.0004	.0000	.043
%RSD	27.08	52.17	302.4	27.21	2.852	50.00	.7033

#1	<.0000	<.0000	<.0000	.0034	.0140	<.0000	6.112
#2	<.0000	<.0000	<.0000	.0028	.0148	<.0000	6.117
#3	<.0000	<.0000	.0879	.0044	.0139	<.0000	6.163
#4	<.0000	<.0000	<.0000	.0023	.0140	<.0000	6.058

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	<.0000	<.0000	.0047	.0243	<.0000	1.291
SDev	.0020	.0022	.0022	.0010	.0018	.4345	.015
%RSD	168.3	557.7	60.07	21.65	7.377	21.04	1.187

#1	<.0000	<.0000	<.0000	.0049	.0247	<.0000	1.297
#2	.0038	.0016	<.0000	.0057	.0218	<.0000	1.310
#3	<.0000	<.0000	<.0000	.0033	.0247	<.0000	1.274
#4	.0016	.0003	<.0000	.0049	.0261	<.0000	1.284

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0207	<.0000	7.008	.0094	<.0000	<.0000	.0046
SDev	.0004	.0047	.068	.0062	.0213	.0353	.0617
%RSD	1.718	31.24	.9767	66.25	65.77	249.0	1353.

#1	.0213	<.0000	7.002	.0119	<.0000	.0209	<.0000
#2	.0206	<.0000	7.027	.0169	<.0000	<.0000	<.0000
#3	.0206	<.0000	7.084	.0056	<.0000	<.0000	.0971
#4	.0206	<.0000	6.920	.0031	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.1128	<.0000	.0007
SDev	.0580	.0400	.0015	.0009
%RSD	3.634	35.45	35.47	126.8

#1	<.0000	.1728	<.0000	.0007
#2	<.0000	.0928	<.0000	.0021
#3	<.0000	.0928	<.0000	.0001
#4	<.0000	.0928	<.0000	.0001

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Method: IECW Sample Name: 27626

Operator: it

Run Time: 12/07/01 13:33:51

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0030	.0135	<.0000	6.140
SDev	.0005	.0032	.0372	.0014	.0005	.0000	.028
%RSD	13.32	21.99	143.5	45.59	3.427	.0000	.4554

#1	<.0000	<.0000	.0010	.0028	.0131	<.0000	6.107
#2	<.0000	<.0000	<.0000	.0018	.0131	<.0000	6.127
#3	<.0000	<.0000	<.0000	.0049	.0139	<.0000	6.161
#4	<.0000	<.0000	.0045	.0023	.0139	<.0000	6.166

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	.0001	<.0000	.0045	.0325	<.0000	1.292
SDev	.0009	.0026	.0006	.0005	.0018	.2513	.014
%RSD	86.66	4110.	20.76	10.37	5.636	16.22	1.079

#1	.0022	.0020	<.0000	.0041	.0304	<.0000	1.274
#2	<.0000	.0013	<.0000	.0049	.0332	<.0000	1.287
#3	.0010	.0006	<.0000	.0049	.0346	<.0000	1.303
#4	.0010	<.0000	<.0000	.0041	.0318	<.0000	1.303

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0264	<.0000	7.340	.0016	<.0000	<.0000	.0868
SDev	.0004	.0042	.059	.0099	.0331	.0140	.0394
%RSD	1.349	45.38	.7988	635.0	153.2	8112.	45.36

#1	.0263	<.0000	7.296	<.0000	<.0000	<.0000	.0559
#2	.0270	<.0000	7.328	.0157	.0043	<.0000	.1381
#3	.0263	<.0000	7.426	.0006	<.0000	<.0000	.0559
#4	.0263	<.0000	7.310	<.0000	.0043	.0209	.0970

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0628	<.0000	<.0000
SDev	.0326	.0347	.0010	.0006
%RSD	2.049	55.18	27.78	150.1

#1	<.0000	.1128	<.0000	<.0000
#2	<.0000	.0528	<.0000	<.0000
#3	<.0000	.0328	<.0000	.0001
#4	<.0000	.0528	<.0000	.0001

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Method: IECW Sample Name: 27627

Operator: it

Run Time: 12/07/01 13:41:53

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0235	.0031	.0149	<.0000	6.414
SDev	.0009	.0030	.0275	.0010	.0004	.0000	.021
%RSD	26.85	24.20	117.0	31.70	2.719	.0000	.3211

#1	<.0000	<.0000	.0010	.0044	.0147	<.0000	6.412
#2	<.0000	<.0000	.0633	.0034	.0155	<.0000	6.395
#3	<.0000	<.0000	.0183	.0023	.0147	<.0000	6.406
#4	<.0000	<.0000	.0114	.0023	.0147	<.0000	6.443

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	<.0000	<.0000	.0138	.0225	<.0000	1.262
SDev	.0005	.0008	.0019	.0000	.0025	.0025	.012
%RSD	36.29	71.62	87.52	.0033	10.95	6.375	.9570

#1	.0011	<.0000	.0006	.0138	.0247	<.0000	1.265
#2	.0016	<.0000	<.0000	.0138	.0247	<.0000	1.246
#3	.0022	<.0000	<.0000	.0138	.0204	<.0000	1.274
#4	.0011	<.0000	<.0000	.0138	.0204	<.0000	1.265

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0163	<.0000	7.106	.0078	<.0000	<.0000	.0097
SDev	.0000	.0033	.055	.0067	.0086	.0140	.0894
%RSD	.0034	49.42	.7726	85.04	200.1	98.78	922.3

#1	.0163	<.0000	7.141	.0082	<.0000	<.0000	<.0000
#2	.0163	<.0000	7.045	<.0000	<.0000	<.0000	.1382
#3	.0163	<.0000	7.076	.0082	<.0000	<.0000	<.0000
#4	.0163	<.0000	7.163	.0157	.0086	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.1028	<.0000	.0031
SDev	.0227	.0663	.0004	.0012
%RSD	1.390	64.47	12.59	37.56

#1	<.0000	.1928	<.0000	.0041
#2	<.0000	.0329	<.0000	.0014
#3	<.0000	.0928	<.0000	.0034
#4	<.0000	.0928	<.0000	.0034

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Method: IECW Sample Name: 27628

Operator: it

Run Time: 12/07/01 13:47:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0046	.0143	<.0000	6.208
SDev	.0021	.0106	.0253	.0024	.0005	.0001	.025
%RSD	66.39	60.59	117.6	52.32	3.271	46.19	.4089

#1	<.0000	<.0000	.0147	.0064	.0139	<.0000	6.208
#2	<.0000	<.0000	<.0000	.0044	.0139	<.0000	6.241
#3	<.0000	<.0000	<.0000	.0013	.0148	<.0000	6.201
#4	<.0000	<.0000	<.0000	.0064	.0148	<.0000	6.180

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0065	.0240	<.0000	1.281
SDev	.0011	.0011	.0019	.0011	.0025	.5642	.014
%RSD	238.7	62.17	70.44	17.54	10.29	33.67	1.060

#1	<.0000	<.0000	.0001	.0073	.0247	<.0000	1.297
#2	<.0000	<.0000	<.0000	.0049	.0204	<.0000	1.287
#3	<.0000	<.0000	<.0000	.0073	.0261	<.0000	1.268
#4	.0010	<.0000	<.0000	.0065	.0247	<.0000	1.271

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0175	<.0000	6.654	.0107	<.0000	<.0000	.0097
SDev	.0007	.0000	.070	.0076	.0234	.0311	.0700
%RSD	3.896	.0777	1.045	71.26	77.37	175.7	721.3

#1	.0170	<.0000	6.551	.0157	<.0000	<.0000	.0353
#2	.0177	<.0000	6.694	.0132	<.0000	<.0000	.0765
#3	.0184	<.0000	6.676	<.0000	<.0000	.0209	<.0000
#4	.0170	<.0000	6.696	.0144	<.0000	<.0000	.0148

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0478	<.0000	<.0000
SDev	.0599	.0500	.0024	.0008
%RSD	3.488	104.5	70.34	920.8

#1	<.0000	.0528	<.0000	.0001
#2	<.0000	.0328	<.0000	<.0000
#3	<.0000	.1128	<.0000	.0001
#4	<.0000	<.0000	<.0000	.0007

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Method: IECW Sample Name: 27631

Operator: it

Run Time: 12/07/01 13:50:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0036	.0139	<.0000	6.156
SDev	.0015	.0051	.0496	.0012	.0000	.0001	.023
%RSD	40.31	27.72	122.3	33.80	.0168	63.83	.3657

#1	<.0000	<.0000	<.0000	.0028	.0140	<.0000	6.132
#2	<.0000	<.0000	.0219	.0049	.0139	<.0000	6.186
#3	<.0000	<.0000	<.0000	.0023	.0140	<.0000	6.152
#4	<.0000	<.0000	<.0000	.0044	.0140	<.0000	6.152

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0265	<.0000	1.278
SDev	.0008	.0020	.0019	.0017	.0036	.4985	.016
%RSD	1245.	136.8	87.79	39.76	13.43	29.08	1.227

#1	.0010	<.0000	.0002	<.0000	.0304	<.0000	1.284
#2	<.0000	<.0000	<.0000	<.0000	.0275	<.0000	1.297
#3	<.0000	.0005	<.0000	<.0000	.0218	<.0000	1.265
#4	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.265

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0254	<.0000	7.347	.0094	<.0000	<.0000	.0354
SDev	.0011	.0017	.064	.0000	.0075	.0280	.0237
%RSD	4.219	22.00	.8688	.0417	18.23	132.3	67.07

#1	.0241	<.0000	7.316	.0094	<.0000	<.0000	.0148
#2	.0248	<.0000	7.418	.0094	<.0000	<.0000	.0560
#3	.0263	<.0000	7.275	.0094	<.0000	<.0000	.0560
#4	.0263	<.0000	7.379	.0094	<.0000	<.0000	.0149

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0228	<.0000	<.0000
SDev	.0485	.0683	.0012	.0007
%RSD	2.791	299.0	26.92	41.94

#1	<.0000	.0528	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0928	<.0000	<.0000
#4	<.0000	.0129	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 27632

Operator: it

Run Time: 12/07/01 13:52:27

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0140	<.0000	6.132
SDev	.0008	.0093	.0302	.0011	.0000	.0001	.016
%RSD	19.49	57.93	42.15	33.00	.0126	46.19	.2545

#1	<.0000	<.0000	<.0000	.0049	.0140	<.0000	6.117
#2	<.0000	<.0000	<.0000	.0033	.0139	<.0000	6.153
#3	<.0000	<.0000	<.0000	.0028	.0140	<.0000	6.124
#4	<.0000	<.0000	<.0000	.0023	.0140	<.0000	6.134

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	<.0000	<.0000	.0265	<.0000	1.276
SDev	.0008	.0015	.0026	.0013	.0024	.3724	.012
%RSD	235.5	2491.	66.76	33.08	9.161	21.97	.9270

#1	.0010	.0006	<.0000	<.0000	.0275	<.0000	1.284
#2	<.0000	<.0000	<.0000	<.0000	.0289	<.0000	1.287
#3	<.0000	.0010	<.0000	<.0000	.0233	<.0000	1.262
#4	.0010	.0005	<.0000	<.0000	.0261	<.0000	1.271

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0243	<.0000	6.977	.0053	<.0000	<.0000	.0251
SDev	.0004	.0017	.040	.0050	.0204	.0403	.0864
%RSD	1.464	22.08	.5795	92.96	57.17	227.6	344.0

#1	.0241	<.0000	6.937	.0094	<.0000	<.0000	.0354
#2	.0248	<.0000	7.020	.0069	<.0000	<.0000	.1381
#3	.0241	<.0000	6.949	.0069	<.0000	<.0000	<.0000
#4	.0241	<.0000	7.004	<.0000	<.0000	.0349	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0528	<.0000	<.0000
SDev	.0300	.0462	.0010	.0003
%RSD	1.704	87.41	27.80	30.51

#1	<.0000	.0928	<.0000	<.0000
#2	<.0000	.0128	<.0000	<.0000
#3	<.0000	.0929	<.0000	<.0000
#4	<.0000	.0129	<.0000	<.0000

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Method: IECW Sample Name: 27632

Operator: it

Run Time: 12/07/01 13:57:59

Comment:

Mode: CONC Corr. Factor: 1

why rerun

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0035	.0140	<.0000	6.150
SDev	.0020	.0121	.0386	.0020	.0000	.0001	.034
%RSD	39.39	54.87	266.4	56.92	.0242	46.66	.5571

#1	<.0000	<.0000	<.0000	.0028	.0140	<.0000	6.125
#2	<.0000	<.0000	<.0000	.0023	.0140	<.0000	6.118
#3	<.0000	<.0000	<.0000	.0023	.0139	<.0000	6.188
#4	<.0000	<.0000	.0288	.0064	.0139	<.0000	6.171

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0268	<.0000	1.270
SDev	.0028	.0022	.0018	.0008	.0008	.3838	.011
%RSD	578.5	102.8	31.17	13.33	3.067	16.69	.8571

#1	.0016	<.0000	<.0000	<.0000	.0275	<.0000	1.255
#2	<.0000	.0010	<.0000	<.0000	.0261	<.0000	1.271
#3	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.274
#4	.0010	<.0000	<.0000	<.0000	.0275	<.0000	1.281

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0252	<.0000	7.028	.0110	<.0000	<.0000	.0560
SDev	.0009	.0039	.076	.0071	.0134	.0243	.0731
%RSD	3.650	32.83	1.082	64.92	45.87	86.17	130.7

#1	.0241	<.0000	7.041	.0056	<.0000	<.0000	<.0000
#2	.0248	<.0000	6.927	.0207	<.0000	<.0000	.0559
#3	.0255	<.0000	7.112	.0056	<.0000	.0069	.0149
#4	.0263	<.0000	7.033	.0119	<.0000	<.0000	.1587

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.1228	<.0000	<.0000
SDev	.0747	.1160	.0011	.0000
%RSD	4.061	94.44	21.93	.0486

#1	<.0000	.0929	<.0000	<.0000
#2	<.0000	.2727	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.1328	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 27638

Operator: it

Run Time: 12/07/01 14:00:28

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0028	.0139	<.0000	6.211
SDev	.0006	.0039	.0358	.0017	.0000	.0001	.016
%RSD	17.49	33.12	297.4	59.01	.0087	46.19	.2542

#1	<.0000	<.0000	.0010	.0028	.0139	<.0000	6.231
#2	<.0000	<.0000	<.0000	.0049	.0139	<.0000	6.216
#3	<.0000	<.0000	.0148	.0028	.0139	<.0000	6.204
#4	<.0000	<.0000	.0009	.0008	.0139	<.0000	6.194

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	<.0000	<.0000	<.0000	.0254	<.0000	1.286
SDev	.0009	.0007	.0010	.0007	.0027	.2624	.015
%RSD	79.98	35.49	34.82	16.54	10.73	14.17	1.159

#1	.0016	<.0000	<.0000	<.0000	.0247	<.0000	1.271
#2	<.0000	<.0000	<.0000	<.0000	.0275	<.0000	1.300
#3	.0010	<.0000	<.0000	<.0000	.0275	<.0000	1.274
#4	.0022	<.0000	<.0000	<.0000	.0218	<.0000	1.297

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0254	<.0000	7.374	.0066	<.0000	<.0000	.0405
SDev	.0007	.0017	.040	.0047	.0191	.0198	.0456
%RSD	2.691	22.01	.5366	72.01	98.55	275.9	112.5

#1	.0248	<.0000	7.380	.0132	<.0000	<.0000	.0559
#2	.0248	<.0000	7.418	.0056	<.0000	.0068	.0765
#3	.0263	<.0000	7.375	.0019	.0043	<.0000	<.0000
#4	.0255	<.0000	7.322	.0056	<.0000	.0068	.0559

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0828	<.0000	<.0000
SDev	.0203	.0774	.0004	.0006
%RSD	1.144	93.52	9.353	44.81

#1	<.0000	.0528	<.0000	<.0000
#2	<.0000	.0728	<.0000	<.0000
#3	<.0000	.1928	<.0000	<.0000
#4	<.0000	.0128	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 12/07/01 14:35:49
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	.5034 ✓	.9081 ✓	<.0000	.9939	1.079 ✓	.9784 ✓	1.063 ✓
SDev	.0019	.0052	.0121	.0066	.005	.0030	.003
%RSD	.3867	.5751	51.01	.6587	.5087	.3055	.3146

#1	.5029	.9024	<.0000	.9998	1.085	.9804	1.061
#2	.5044	.9091	<.0000	.9993	1.082	.9807	1.066
#3	.5009	.9062	<.0000	.9875	1.072	.9742	1.059
#4	.5054	.9148	<.0000	.9890	1.077	.9784	1.064

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K17664	Mg2790
Avge	1.028 ✓	1.046 ✓	1.025 ✓	1.002 ✓	.9951 ✓	<.0000	1.0000 ✓
SDev	.007	.002	.004	.003	.0065	.0863	.01599
%RSD	.7159	.1872	.3733	.3481	.6494	5.578	1.599

#1	1.025	1.046	1.026	1.004	.9993	<.0000	.9896
#2	1.037	1.049	1.029	1.006	1.001	<.0000	1.015
#3	1.020	1.044	1.021	.9976	.9865	<.0000	.9832
#4	1.030	1.045	1.022	1.002	.9936	<.0000	1.012

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.048 ✓	.9715 ✓	.9981 ✓	1.012 ✓	1.022	.9836	<.0000
SDev	.004	.0141	.0185	.005	.026	.0070	.0547
%RSD	.3379	1.449	1.858	.5126	2.590	.7148	269.2

#1	1.051	.9531	.9823	1.012	1.002	.9801	<.0000
#2	1.050	.9765	1.004	1.012	1.041	.9801	.0107
#3	1.043	.9698	1.022	1.017	.9973	.9942	.0314
#4	1.046	.9866	.9843	1.005	1.049	.9801	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.8008	1.187	1.075 ✓	1.012 ✓
SDev	.0249	.074	.003	.002
%RSD	3.112	6.240	.2704	.1973

#1	.8100	1.102	1.075	1.014
#2	.8059	1.282	1.078	1.011
#3	.7649	1.182	1.071	1.009
#4	.8223	1.182	1.075	1.012

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 12/07/01 14:43:41
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0001 ✓	.0010 ✓	<.0000	<.0000	<.0000	<.0000 ✓	.0004 ✓
SDev	.0016	.0109	.0312	.0024	.0005	.0000	.0019
%RSD	1322.	1146.	90.43	45.41	57.64	5.714	526.2
#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0012	.0086	<.0000	<.0000	<.0000	<.0000	<.0000
#3	.0002	.0057	<.0000	<.0000	<.0000	<.0000	.0030
#4	.0012	.0048	<.0000	<.0000	<.0000	<.0000	.0002
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	.1946	.0040 ✓
SDev	.0014	.0026	.0014	.0008	.0018	.4965	.0121
%RSD	499.6	122.0	99.03	15.38	258.3	255.1	302.0
#1	<.0000	<.0000	<.0000	<.0000	.0014	<.0000	<.0000
#2	<.0000	<.0000	.0006	<.0000	<.0000	.2725	.0192
#3	.0013	.0006	<.0000	<.0000	<.0000	.6618	.0064
#4	.0001	<.0000	<.0000	<.0000	<.0000	.3504	<.0000
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000 ✓	<.0000 ✓	.0049 ✓	<.0000 ✓	<.0000	<.0000	.0103
SDev	.0004	.0043	.0135	.0055	.0145	.0114	.0617
%RSD	33.37	9.390	274.0	97.67	84.18	81.43	597.2
#1	<.0000	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
#2	<.0000	<.0000	.0123	.0006	<.0000	<.0000	.0362
#3	<.0000	<.0000	.0123	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0103	<.0000	<.0000	<.0000	.0775
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	.0754	<.0000	<.0000 ✓			
SDev	.0067	.0962	.0014	.0008			
%RSD	31.06	127.7	94.64	83.85			
#1	<.0000	.1206	<.0000	<.0000			
#2	<.0000	<.0000	<.0000	.0002			
#3	<.0000	.1809	<.0000	<.0000			
#4	<.0000	.0402	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: lfb
 Run Time: 12/07/01 14:47:20
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0204	.2152	.2161	.2442	.2646	.0472	.0212
SDev	.0013	.0021	.0424	.0026	.0008	.0001	.0022
%RSD	6.415	.9564	19.61	1.064	.2928	.2250	10.39

#1	.0215	.2152	.2013	.2451	.2652	.0474	.0221
#2	.0195	.2133	.1737	.2410	.2636	.0472	.0183
#3	.0215	.2180	.2152	.2436	.2644	.0472	.0236
#4	.0190	.2142	.2741	.2472	.2652	.0471	.0208

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1026	.1052	.2555	.2523	.2528	<.0000	<.0000
SDev	.0030	.0026	.0008	.0010	.0023	.3236	.0118
%RSD	2.915	2.447	.3161	.4027	.9189	21.10	46.06

#1	.0986	.1085	.2548	.2509	.2499	<.0000	<.0000
#2	.1031	.1060	.2562	.2525	.2556	<.0000	<.0000
#3	.1058	.1029	.2562	.2525	.2528	<.0000	<.0000
#4	.1031	.1035	.2549	.2533	.2528	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2602	.0891	.0481	.2531	.2319	.2376	.1859
SDev	.0018	.0074	.0085	.0084	.0147	.0181	.0461
%RSD	.6895	8.303	17.65	3.304	6.335	7.617	24.78

#1	.2577	.0916	.0481	.2525	.2265	.2165	.2222
#2	.2620	.0783	.0559	.2487	.2438	.2306	.2014
#3	.2605	.0949	.0520	.2651	.2438	.2446	.1184
#4	.2605	.0916	.0363	.2462	.2136	.2586	.2015

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0977	.3116	.1027	.2540
SDev	.0122	.0668	.0004	.0026
%RSD	12.45	21.43	.3466	1.039

#1	.0926	.4023	.1025	.2518
#2	.0845	.3217	.1025	.2532
#3	.1007	.2613	.1032	.2578
#4	.1130	.2613	.1025	.2532

Analysis Report

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page 1

Method: IECW Sample Name: lrb
 Run Time: 12/07/01 14:51:28
 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	.0010	.0075	.0349	.0017	.0005	.0000	.0009
%RSD	34.78	42.09	35.78	132.9	77.08	.0000	25.26
#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0012	<.0000	<.0000	<.0000
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664 ✓	Mg2790 ✓
Avge	.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0016	.0009	.0022	.0008	.0014	.2440	.0171
%RSD	149500.	44.51	210.6	27.36	57.49	34.65	82.39
#1	.0001	<.0000	<.0000	<.0000	<.0000	<.0000	.0016
#2	.0001	<.0000	.0013	<.0000	<.0000	<.0000	<.0000
#3	.0018	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203 ✓	Sb2068 ✓	Se1960 ✓
Avge	<.0000	<.0000	<.0000	.0019	<.0000	<.0000	<.0000
SDev	.0007	.0033	.0036	.0022	.0160	.0229	.0461
%RSD	100.1	33.38	24.35	115.3	73.96	329.2	63.44
#1	<.0000	<.0000	<.0000	<.0000	<.0000	.0211	<.0000
#2	<.0000	<.0000	<.0000	.0038	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0038	<.0000	<.0000	<.0000
Elem	Si2881 ✓	Tl1908 ✓	V_2924 ✓	Zn2138 ✓			
Avge	<.0000	<.0000	<.0000	<.0000			
SDev	.0402	.0878	.0013	.0009			
%RSD	50.05	876.3	45.67	172.7			
#1	<.0000	.1209	<.0000	.0005			
#2	<.0000	<.0000	<.0000	<.0000			
#3	<.0000	<.0000	<.0000	<.0000			
#4	<.0000	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 27639
 Run Time: 12/07/01 14:55:15
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0107	.0021	.0139	<.0000	6.235
SDev	.0015	.0055	.0463	.0009	.0004	.0000	.035
%RSD	21.10	19.78	433.2	42.80	2.890	18.18	.5640
#1	<.0000	<.0000	.0236	.0033	.0145	<.0000	6.253
#2	<.0000	<.0000	.0653	.0013	.0137	<.0000	6.266
#3	<.0000	<.0000	<.0000	.0018	.0137	<.0000	6.186
#4	<.0000	<.0000	<.0000	.0018	.0137	<.0000	6.234
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0257	<.0000	1.268
SDev	.0015	.0010	.0009	.0010	.0020	.2680	.010
%RSD	112.0	20.33	22.54	21.73	7.793	15.79	.7978
#1	<.0000	<.0000	<.0000	<.0000	.0286	<.0000	1.280
#2	<.0000	<.0000	<.0000	<.0000	.0257	<.0000	1.271
#3	.0006	<.0000	<.0000	<.0000	.0243	<.0000	1.261
#4	<.0000	<.0000	<.0000	<.0000	.0243	<.0000	1.258
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0243	<.0000	7.201	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0069	.074	.0060	.0129	.0289	.0393
%RSD	1.468	51.77	1.026	54.77	36.20	117.2	184.5
#1	.0245	<.0000	7.215	<.0000	<.0000	<.0000	<.0000
#2	.0238	<.0000	7.296	<.0000	<.0000	.0069	<.0000
#3	.0245	<.0000	7.123	<.0000	<.0000	<.0000	<.0000
#4	.0245	<.0000	7.168	<.0000	<.0000	<.0000	.0358
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.4788	<.0000	<.0000	<.0000			
SDev	.0267	.0678	.0007	.0008			
%RSD	5.569	3196.	15.10	198.1			
#1	.5011	.0986	<.0000	<.0000			
#2	.5012	<.0000	<.0000	.0004			
#3	.4483	<.0000	<.0000	<.0000			
#4	.4646	<.0000	<.0000	<.0000			

Analysis Report

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page '1

Method: IECW Sample Name: 27639lab dup

Operator: it

Run Time: 12/07/01 14:57:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0018	.0137	<.0000	6.211 <i>6.235</i>
SDev	.0011	.0143	.0218	.0012	.0000	.0000	.021
%RSD	14.45	51.15	34.71	65.59	.0114	18.18	.3304
#1	<.0000	<.0000	<.0000	.0028	.0137	<.0000	6.218
#2	<.0000	<.0000	<.0000	.0028	.0137	<.0000	6.193
#3	<.0000	<.0000	<.0000	.0008	.0137	<.0000	6.195
#4	<.0000	<.0000	<.0000	.0008	.0137	<.0000	6.236
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0254 <i>257</i>	<.0000	1.277 <i>1.268</i>
SDev	.0026	.0020	.0017	.0021	.0032	.5683	.015
%RSD	216.5	75.43	49.76	40.11	12.42	42.08	1.193
#1	<.0000	<.0000	<.0000	<.0000	.0243	<.0000	1.293
#2	.0001	<.0000	<.0000	<.0000	.0215	<.0000	1.268
#3	<.0000	.0000	<.0000	<.0000	.0286	<.0000	1.287
#4	.0017	<.0000	<.0000	<.0000	.0272	<.0000	1.261
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0243 <i>243</i>	<.0000	7.179 <i>7.201</i>	<.0000	<.0000	<.0000	<.0000
SDev	.0007	.0050	.044	.0059	.0289	.0239	.0813
%RSD	2.805	26.00	.6066	72.55	52.56	658.6	91.55
#1	.0245	<.0000	7.202	<.0000	<.0000	.0089	<.0000
#2	.0238	<.0000	7.147	<.0000	<.0000	<.0000	<.0000
#3	.0252	<.0000	7.139	<.0000	<.0000	.0209	<.0000
#4	.0238	<.0000	7.229	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.3974	<.0000	<.0000	<.0000			
SDev	.0427	.0717	.0012	.0018			
%RSD	10.75	321.7	21.79	140.2			
#1	.3709	.0180	<.0000	<.0000			
#2	.3872	<.0000	<.0000	<.0000			
#3	.4604	.0381	<.0000	.0004			
#4	.3710	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 27639spk

Operator: it

Run Time: 12/07/01 15:04:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0189	.2139	.2481	.2615	.2852	.0476	6.151
SDev	.0009	.0037	.0395	.0005	.0014	.0002	.022
%RSD	4.797	1.725	15.94	.1969	.4913	.5090	.3544
#1	.0179	.2087	.2698	.2612	.2848	.0475	6.121
#2	.0184	.2153	.2870	.2612	.2872	.0480	6.162
#3	.0199	.2172	.2385	.2622	.2848	.0477	6.171
#4	.0194	.2144	.1970	.2612	.2840	.0475	6.148
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.1034	.1041	.2551	.2543	.2743	<.0000	1.274
SDev	.0008	.0013	.0031	.0010	.0041	.2547	.010
%RSD	.8073	1.204	1.220	.4097	1.489	28.09	.8204
#1	.1030	.1035	.2522	.2539	.2803	<.0000	1.287
#2	.1041	.1054	.2527	.2556	.2732	<.0000	1.261
#3	.1041	.1050	.2578	.2548	.2718	<.0000	1.274
#4	.1024	.1027	.2578	.2531	.2718	<.0000	1.274
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.2884	.0857	7.198	.2585	.2341	.2233	.2164
SDev	.0016	.0079	.065	.0102	.0170	.0479	.1064
%RSD	.5481	9.202	.8988	3.949	7.280	21.43	49.17
#1	.2875	.0915	7.131	.2547	.2481	.1603	.0970
#2	.2868	.0848	7.235	.2735	.2481	.2724	.1593
#3	.2904	.0915	7.269	.2509	.2265	.2163	.2839
#4	.2889	.0748	7.157	.2547	.2136	.2444	.3254
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.5571	.3346	.1033	.2547			
SDev	.0388	.0876	.0014	.0012			
%RSD	6.966	26.18	1.305	.4545			
#1	.5011	.3799	.1024	.2551			
#2	.5704	.2188	.1024	.2557			
#3	.5907	.4202	.1053	.2551			
#4	.5663	.3195	.1031	.2531			

Analysis Report

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page 1

Method: IECW Sample Name: 27678

Operator: it

Run Time: 12/07/01 15:07:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0033	.0147	<.0000	6.360
SDev	.0025	.0092	.0322	.0020	.0004	.0000	.056
%RSD	58.12	79.96	106.4	58.81	2.758	.0000	.8836

#1	<.0000	<.0000	<.0000	.0008	.0145	<.0000	6.348
#2	<.0000	<.0000	<.0000	.0049	.0145	<.0000	6.443
#3	<.0000	<.0000	<.0000	.0028	.0145	<.0000	6.322
#4	<.0000	<.0000	.0130	.0049	.0153	<.0000	6.329

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	<.0000	<.0000	.0257	<.0000	1.316
SDev	.0023	.0027	.0003	.0014	.0031	.4160	.003
%RSD	3066.	185.6	10.57	58.90	11.95	38.51	.2332

#1	.0023	.0012	<.0000	<.0000	.0257	<.0000	1.319
#2	<.0000	<.0000	<.0000	<.0000	.0243	<.0000	1.312
#3	.0017	<.0000	<.0000	<.0000	.0229	<.0000	1.319
#4	<.0000	.0005	<.0000	<.0000	.0300	<.0000	1.316

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0255	<.0000	7.547	<.0000	<.0000	<.0000	<.0000
SDev	.0009	.0047	.099	.0007	.0143	.0081	.0572
%RSD	3.602	40.08	1.317	15.33	101.7	4438.	78.00

#1	.0245	<.0000	7.506	<.0000	<.0000	<.0000	<.0000
#2	.0259	<.0000	7.693	<.0000	<.0000	<.0000	<.0000
#3	.0252	<.0000	7.522	<.0000	<.0000	.0068	<.0000
#4	.0266	<.0000	7.469	<.0000	.0022	.0068	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6109	<.0000	<.0000	<.0000
SDev	.1050	.0233	.0026	.0008
%RSD	17.19	54.73	67.28	110.2

#1	.4848	<.0000	<.0000	<.0000
#2	.5987	<.0000	<.0000	<.0000
#3	.6191	<.0000	<.0000	<.0000
#4	.7411	<.0000	<.0000	.0004

Analysis Report

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Method: IECW Sample Name: 27679
 Run Time: 12/07/01 15:10:29
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0018	.0143	<.0000	6.282
SDev	.0015	.0114	.0449	.0018	.0004	.0000	.018
%RSD	26.66	52.30	158.2	101.2	2.817	22.22	.2810

#1	<.0000	<.0000	<.0000	<.0000	.0145	<.0000	6.274
#2	<.0000	<.0000	<.0000	.0008	.0145	<.0000	6.280
#3	<.0000	<.0000	<.0000	.0033	.0145	<.0000	6.308
#4	<.0000	<.0000	.0234	.0033	.0137	<.0000	6.268

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0268	<.0000	1.299
SDev	.0021	.0015	.0019	.0010	.0037	.3188	.011
%RSD	109.8	76.88	96.25	30.03	13.97	25.42	.8622

#1	<.0000	<.0000	<.0000	<.0000	.0272	<.0000	1.287
#2	<.0000	.0002	<.0000	<.0000	.0286	<.0000	1.293
#3	.0006	<.0000	<.0000	<.0000	.0215	<.0000	1.312
#4	<.0000	<.0000	<.0000	<.0000	.0300	<.0000	1.303

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0252	<.0000	7.187	.0009	<.0000	<.0000	<.0000
SDev	.0006	.0050	.030	.0054	.0147	.0176	.0494
%RSD	2.309	25.95	.4123	582.5	43.93	55.70	49.82

#1	.0245	<.0000	7.170	.0009	<.0000	<.0000	<.0000
#2	.0252	<.0000	7.225	<.0000	<.0000	<.0000	<.0000
#3	.0259	<.0000	7.196	.0085	<.0000	<.0000	<.0000
#4	.0252	<.0000	7.158	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4523	<.0000	<.0000	<.0000
SDev	.0264	.0745	.0012	.0008
%RSD	5.830	141.8	26.29	297.2

#1	.4645	<.0000	<.0000	<.0000
#2	.4198	<.0000	<.0000	.0004
#3	.4441	.0381	<.0000	<.0000
#4	.4808	<.0000	<.0000	.0004

Analysis Report

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Method: IECW Sample Name: 27764

Operator: it

Run Time: 12/07/01 15:12:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0031	.0145	<.0000	6.304
SDev	.0010	.0114	.0571	.0020	.0007	.0000	.039
%RSD	16.23	48.18	850.0	64.85	4.537	22.22	.6150

#1	<.0000	<.0000	<.0000	.0038	.0145	<.0000	6.249
#2	<.0000	<.0000	<.0000	.0008	.0137	<.0000	6.324
#3	<.0000	<.0000	<.0000	.0054	.0145	<.0000	6.305
#4	<.0000	<.0000	.0652	.0023	.0153	<.0000	6.337

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	<.0000	.0059	.0467	<.0000	1.311
SDev	.0023	.0021	.0010	.0010	.0032	.4489	.017
%RSD	663.9	104.1	81.72	17.22	6.744	37.23	1.329

#1	<.0000	<.0000	<.0000	.0069	.0428	<.0000	1.306
#2	<.0000	<.0000	<.0000	.0045	.0485	<.0000	1.293
#3	.0034	<.0000	<.0000	.0061	.0499	<.0000	1.335
#4	.0006	.0005	<.0000	.0061	.0456	<.0000	1.309

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0346	<.0000	4.128	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0000	.017	.0018	.0163	.0243	.0804
%RSD	1.031	.0476	.4044	43.34	48.71	171.1	497.2

#1	.0345	<.0000	4.115	<.0000	<.0000	.0068	<.0000
#2	.0352	<.0000	4.145	<.0000	<.0000	<.0000	<.0000
#3	.0345	<.0000	4.139	<.0000	<.0000	<.0000	<.0000
#4	.0345	<.0000	4.112	<.0000	<.0000	<.0000	.0981

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2234	<.0000	<.0000	.0002
SDev	.0333	.0260	.0009	.0003
%RSD	14.89	80.10	19.83	139.4

#1	.2082	<.0000	<.0000	<.0000
#2	.1878	<.0000	<.0000	.0004
#3	.2325	<.0000	<.0000	.0004
#4	.2651	<.0000	<.0000	.0004

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Method: IECW Sample Name: 27765
 Run Time: 12/07/01 15:16:48
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0037	.0143	<.0000	6.236
SDev	.0012	.0077	.0311	.0015	.0004	.0001	.018
%RSD	22.37	46.50	72.01	39.52	2.817	23.09	.2826
#1	<.0000	<.0000	<.0000	.0028	.0146	<.0000	6.222
#2	<.0000	<.0000	<.0000	.0033	.0145	<.0000	6.262
#3	<.0000	<.0000	<.0000	.0028	.0137	<.0000	6.228
#4	<.0000	<.0000	<.0000	.0059	.0145	<.0000	6.231
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0268	<.0000	1.293
SDev	.0014	.0009	.0016	.0015	.0032	.2323	.005
%RSD	118.2	103.6	83.77	45.20	11.76	23.16	.3500
#1	<.0000	.0004	<.0000	<.0000	.0229	<.0000	1.293
#2	<.0000	<.0000	<.0000	<.0000	.0300	<.0000	1.290
#3	.0006	<.0000	.0000	<.0000	.0286	<.0000	1.290
#4	<.0000	<.0000	<.0000	<.0000	.0257	<.0000	1.300
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0250	<.0000	4.096	<.0000	<.0000	<.0000	.0202
SDev	.0007	.0079	.044	.0024	.0155	.0198	.0572
%RSD	2.728	47.40	1.071	62.96	75.67	276.6	283.4
#1	.0245	<.0000	4.123	<.0000	<.0000	.0069	.0565
#2	.0259	<.0000	4.143	<.0000	<.0000	.0068	<.0000
#3	.0252	<.0000	4.060	<.0000	<.0000	<.0000	.0773
#4	.0245	<.0000	4.057	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.2346	<.0000	<.0000	<.0000			
SDev	.0243	.0685	.0009	.0006			
%RSD	10.36	70.05	21.54	58.88			
#1	.2000	<.0000	<.0000	<.0000			
#2	.2570	<.0000	<.0000	<.0000			
#3	.2407	<.0000	<.0000	<.0000			
#4	.2407	<.0000	<.0000	<.0000			

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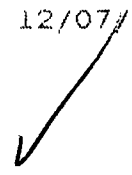
Method: IECW Sample Name: 27766

Operator: it

Run Time: 12/07/01 15:19:28

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0743	.0129	.0307	<.0000	26.13
SDev	.0018	.0167	.0278	.0020	.0004	.0001	.31
%RSD	23.49	56.37	37.38	15.37	1.450	29.46	1.203

#1	<.0000	<.0000	.0605	.0110	.0303	<.0000	25.94
#2	<.0000	<.0000	.1159	.0130	.0303	<.0000	25.94
#3	<.0000	<.0000	.0605	.0120	.0310	<.0000	26.60
#4	<.0000	<.0000	.0602	.0156	.0311	<.0000	26.05

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0734	<.0000	8.492
SDev	.0010	.0024	.0005	.0013	.0018	.5051	.113
%RSD	52.29	59.58	60.25	40.19	2.491	158.7	1.336

#1	<.0000	<.0000	<.0000	<.0000	.0731	<.0000	8.403
#2	<.0000	<.0000	<.0000	<.0000	.0759	<.0000	8.451
#3	<.0000	<.0000	<.0000	<.0000	.0715	<.0000	8.658
#4	<.0000	<.0000	<.0000	<.0000	.0731	.3376	8.457

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0733	<.0000	27.40	<.0000	<.0000	<.0000	.0116
SDev	.0007	.0019	.46	.0074	.0127	.0210	.0882
%RSD	.9235	13.83	1.679	108.7	30.98	112.1	760.9

#1	.0724	<.0000	27.18	<.0000	<.0000	<.0000	.0947
#2	.0731	<.0000	27.15	<.0000	<.0000	.0058	.0324
#3	.0738	<.0000	28.09	<.0000	<.0000	<.0000	.0323
#4	.0738	<.0000	27.17	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9100	.1222	<.0000	<.0000
SDev	.0637	.0303	.0007	.0006
%RSD	7.002	24.79	13.19	140.4

#1	.8868	.1475	<.0000	<.0000
#2	.8663	.1475	<.0000	<.0000
#3	.8822	.1069	<.0000	.0000
#4	1.005	.0870	<.0000	.0000

Analysis Report

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Method: IECW Sample Name: 27767
 Run Time: 12/07/01 15:22:32
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0016	.0143	<.0000	6.272
SDev	.0015	.0058	.0358	.0017	.0004	.0000	.033
%RSD	21.80	29.08	181.5	109.7	2.819	18.18	.5257
#1	<.0000	<.0000	<.0000	.0028	.0145	<.0000	6.281
#2	<.0000	<.0000	<.0000	.0013	.0145	<.0000	6.233
#3	<.0000	<.0000	<.0000	<.0000	.0145	<.0000	6.311
#4	<.0000	<.0000	.0270	.0028	.0137	<.0000	6.262
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0236	<.0000	1.304
SDev	.0029	.0008	.0010	.0007	.0014	.5724	.012
%RSD	604.1	34.32	33.23	15.03	6.003	39.82	.9262
#1	.0001	<.0000	<.0000	<.0000	.0243	<.0000	1.306
#2	.0034	<.0000	<.0000	<.0000	.0215	<.0000	1.287
#3	<.0000	<.0000	<.0000	<.0000	.0243	<.0000	1.306
#4	<.0000	<.0000	<.0000	<.0000	.0243	<.0000	1.316
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0291	<.0000	4.100	<.0000	<.0000	<.0000	<.0000
SDev	.0007	.0050	.012	.0042	.0284	.0210	.0686
%RSD	2.450	31.43	.2979	164.4	101.3	119.0	216.3
#1	.0280	<.0000	4.110	<.0000	<.0000	<.0000	<.0000
#2	.0295	<.0000	4.102	<.0000	.0022	<.0000	<.0000
#3	.0295	<.0000	4.106	.0034	<.0000	<.0000	.0566
#4	.0295	<.0000	4.082	<.0000	<.0000	.0068	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.1888	<.0000	<.0000	<.0000			
SDev	.0183	.0754	.0006	.0006			
%RSD	9.699	120.4	13.42	210.2			
#1	.1675	.0180	<.0000	<.0000			
#2	.2041	<.0000	<.0000	<.0000			
#3	.1797	<.0000	<.0000	<.0000			
#4	.2041	<.0000	<.0000	.0004			

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Method: IECW Sample Name: 27768

Operator: it

Run Time: 12/07/01 15:27:26

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0005	.0149	<.0000	6.313
SDev	.0010	.0053	.0279	.0015	.0005	.0000	.052
%RSD	24.62	135.8	108400.	297.1	3.122	.0000	.8282

#1	<.0000	<.0000	.0234	.0023	.0153	<.0000	6.329
#2	<.0000	<.0000	<.0000	.0013	.0154	<.0000	6.311
#3	<.0000	.0021	<.0000	<.0000	.0145	<.0000	6.243
#4	<.0000	<.0000	.0233	<.0000	.0145	<.0000	6.368

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.308
SDev	.0011	.0022	.0006	.0010	.0041	.1637	.015
%RSD	80.93	128.9	106.4	43.93	16.13	20.95	1.118

#1	.0001	<.0000	<.0000	<.0000	.0229	<.0000	1.306
#2	<.0000	.0012	<.0000	<.0000	.0229	<.0000	1.312
#3	<.0000	<.0000	.0000	<.0000	.0314	<.0000	1.290
#4	<.0000	<.0000	<.0000	<.0000	.0243	<.0000	1.325

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0261	<.0000	4.149	<.0000	<.0000	.0138	<.0000
SDev	.0004	.0017	.038	.0047	.0025	.0243	.0494
%RSD	1.367	10.48	.9281	36370.	14.43	175.8	85.60

#1	.0259	<.0000	4.168	.0034	<.0000	.0068	<.0000
#2	.0266	<.0000	4.147	<.0000	<.0000	.0489	<.0000
#3	.0259	<.0000	4.096	.0034	<.0000	<.0000	<.0000
#4	.0259	<.0000	4.184	<.0000	<.0000	.0068	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3272	.0481	<.0000	.0014
SDev	.0254	.1381	.0008	.0007
%RSD	7.766	286.8	28.22	47.41

#1	.3424	.0582	<.0000	.0017
#2	.3099	.2395	<.0000	.0017
#3	.3547	<.0000	<.0000	.0004
#4	.3017	<.0000	<.0000	.0017

Analysis Report

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Method: IECW Sample Name: 27769

Operator: it

Run Time: 12/07/01 15:32:58

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0887	.0137	.0313	<.0000	26.23
SDev	.0012	.0031	.0242	.0021	.0004	.0000	.07
%RSD	51.61	54.69	27.29	15.10	1.282	28.57	.2506

#1	<.0000	<.0000	.1190	.0125	.0319	<.0000	26.29
#2	<.0000	<.0000	.0602	.0136	.0310	<.0000	26.22
#3	<.0000	<.0000	.0843	.0166	.0310	<.0000	26.26
#4	<.0000	<.0000	.0914	.0120	.0311	<.0000	26.14

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0011	<.0000	.0717	1.052	8.423
SDev	.0010	.0017	.0014	.0010	.0012	.245	.016
%RSD	57.82	117.0	131.9	44.38	1.621	23.31	.1920

#1	<.0000	<.0000	.0009	<.0000	.0731	.7235	8.431
#2	<.0000	<.0000	.0004	<.0000	.0717	1.302	8.409
#3	<.0000	.0006	.0032	<.0000	.0702	1.032	8.441
#4	<.0000	<.0000	<.0000	<.0000	.0717	1.148	8.409

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0696	<.0000	26.98	.0067	<.0000	<.0000	.0012
SDev	.0006	.0032	.09	.0037	.0129	.0369	.0768
%RSD	.8382	24.44	.3346	55.25	70.24	311.5	6625.

#1	.0688	<.0000	27.08	.0054	<.0000	<.0000	.0531
#2	.0696	<.0000	27.02	.0029	<.0000	<.0000	<.0000
#3	.0696	<.0000	26.87	.0117	<.0000	.0197	.0323
#4	.0703	<.0000	26.97	.0067	<.0000	.0057	.0323

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.049	.1324	<.0000	<.0000
SDev	.090	.1437	.0010	.0006
%RSD	8.605	108.6	55.43	87.80

#1	.9274	.2079	<.0000	<.0000
#2	1.037	.1475	<.0000	.0000
#3	1.131	.2482	<.0000	<.0000
#4	1.102	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 27770
 Run Time: 12/07/01 15:35:29
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0147	<.0000	6.469
SDev	.0015	.0071	.0325	.0013	.0004	.0000	.044
%RSD	29.26	63.76	129.6	37.45	2.747	22.22	.6761
#1	<.0000	<.0000	.0026	.0028	.0145	<.0000	6.436
#2	<.0000	<.0000	<.0000	.0028	.0153	<.0000	6.472
#3	<.0000	<.0000	<.0000	.0054	.0145	<.0000	6.438
#4	<.0000	<.0000	<.0000	.0028	.0145	<.0000	6.530

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0065	.0559	<.0000	1.335
SDev	.0003	.0014	.0014	.0008	.0021	.1736	.009
%RSD	30.84	73.96	56.53	12.41	3.821	14.29	.7055
#1	<.0000	<.0000	<.0000	.0069	.0541	<.0000	1.341
#2	<.0000	<.0000	<.0000	.0069	.0584	<.0000	1.325
#3	<.0000	<.0000	<.0000	.0053	.0570	<.0000	1.328
#4	<.0000	<.0000	<.0000	.0069	.0541	<.0000	1.344

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0280	<.0000	4.155	<.0000	<.0000	.0033	<.0000
SDev	.0000	.0032	.025	.0043	.0177	.0210	.0768
%RSD	.0017	18.13	.5989	152.8	182.7	636.1	472.5
#1	.0280	<.0000	4.155	.0009	.0108	.0348	.0564
#2	.0280	<.0000	4.153	<.0000	<.0000	<.0000	<.0000
#3	.0280	<.0000	4.125	<.0000	<.0000	<.0000	.0357
#4	.0280	<.0000	4.186	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2193	<.0000	<.0000	.0006
SDev	.0121	.1258	.0007	.0006
%RSD	5.538	386.9	17.86	112.3
#1	.2325	.1185	<.0000	.0011
#2	.2244	<.0000	<.0000	<.0000
#3	.2040	<.0000	<.0000	.0004
#4	.2162	.0178	<.0000	.0011

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 12/07/01 15:43:21
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5001 ✓	.9063 ✓	<.0000	.9723	1.084 ✓	.9654 ✓	1.059 ✓
SDev	.0033	.0102	.0188	.0089	.006	.0058	.007
%RSD	.6595	1.121	644.4	.9208	.5670	.6052	.6562
#1	.4956	.9023	<.0000	.9599	1.075	.9576	1.053
#2	.4996	.8965	.0162	.9727	1.084	.9643	1.053
#3	.5025	.9061	.0023	.9809	1.090	.9700	1.063
#4	.5025	.9204	<.0000	.9758	1.086	.9697	1.067
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.011 ✓	1.040 ✓	1.019 ✓	.9913 ✓	.9946 ✓	<.0000	1.004 ✓
SDev	.006	.007	.006	.0077	.0085	.3210	.005
%RSD	.5464	.6673	.5566	.7800	.8527	23.79	.4779
#1	1.004	1.032	1.012	.9804	.9821	<.0000	.9980
#2	1.011	1.038	1.016	.9917	.9963	<.0000	1.008
#3	1.015	1.049	1.024	.9982	.9992	<.0000	1.008
#4	1.016	1.042	1.023	.9949	1.001	<.0000	1.001
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.039 ✓	.9658 ✓	.9495 ✓	1.014 ✓	1.036	.9249	<.0000
SDev	.006	.0234	.0107	.021	.018	.0518	.0891
%RSD	.5694	2.423	1.124	2.042	1.700	5.600	81.63
#1	1.031	.9374	.9338	.9917	1.062	.9284	<.0000
#2	1.038	.9574	.9535	1.003	1.023	.8581	<.0000
#3	1.043	.9775	.9574	1.023	1.027	.9284	<.0000
#4	1.044	.9909	.9535	1.038	1.031	.9846	.0108
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.7159	1.180	1.070 ✓	.9963 ✓			
SDev	.0482	.059	.005	.0068			
%RSD	6.738	5.029	.5136	.6806			
#1	.7319	1.240	1.063	.9881			
#2	.6677	1.119	1.068	.9935			
#3	.6878	1.220	1.073	1.001			
#4	.7760	1.140	1.076	1.003			

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 12/07/01 15:46:20
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0057	.0016	.0006	<.0000	<.0000	.0014
SDev	.0012	.0063	.0268	.0007	.0004	.0001	.0013
%RSD	979.8	110.6	1635.	104.0	49.90	15.40	94.10
#1	<.0000	.0048	.0258	.0009	<.0000	<.0000	.0009
#2	.0014	.0105	<.0000	.0004	<.0000	<.0000	.0018
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	.0004	.0105	.0223	.0014	<.0000	<.0000	.0028

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0006	<.0000	<.0000	.0025	.2038	.0136
SDev	.0009	.0021	.0014	.0004	.0014	.2383	.0108
%RSD	54.40	366.5	245.4	66.64	54.68	116.9	79.21
#1	<.0000	<.0000	<.0000	<.0000	.0014	<.0000	.0104
#2	<.0000	.0016	.0010	<.0000	.0043	.3786	.0264
#3	<.0000	<.0000	<.0000	<.0000	.0014	.3786	.0008
#4	<.0000	.0029	.0001	<.0000	.0028	.1844	.0168

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0058	.0181	.0025	.0138	.0290	.0851
%RSD	33580.	34.62	3649.	133.1	639.7	102.9	125.6
#1	.0005	<.0000	<.0000	.0019	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.0256	<.0000	.0097	.0035	.0156
#3	<.0000	<.0000	<.0000	<.0000	.0097	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0090	<.0000	<.0000	<.0000
SDev	.0237	.0781	.0007	.0006
%RSD	263.1	221.2	127.3	46.56
#1	<.0000	<.0000	<.0000	<.0000
#2	.0320	<.0000	.0004	<.0000
#3	<.0000	.0554	<.0000	<.0000
#4	.0240	<.0000	<.0000	<.0000

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Method: IECW Sample Name: 27771

Operator: it

Run Time: 12/07/01 15:58:27

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0785	.0117	.0305	<.0000	26.02
SDev	.0013	.0090	.0221	.0007	.0004	.0001	.18
%RSD	10.69	18.22	28.16	6.287	1.268	11.97	.7093

#1	<.0000	<.0000	.0551	.0127	.0303	<.0000	25.97
#2	<.0000	<.0000	.0897	.0112	.0303	<.0000	25.96
#3	<.0000	<.0000	.0656	.0111	.0310	<.0000	26.28
#4	<.0000	<.0000	.1035	.0117	.0303	<.0000	25.86

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0199	.1566	<.0000	8.393
SDev	.0011	.0011	.0011	.0014	.0027	.5365	.059
%RSD	45.17	15.13	39.95	7.041	1.748	37.34	.7066

#1	<.0000	<.0000	<.0000	.0203	.1545	<.0000	8.355
#2	<.0000	<.0000	<.0000	.0211	.1602	<.0000	8.381
#3	<.0000	<.0000	<.0000	.0179	.1544	<.0000	8.480
#4	<.0000	<.0000	<.0000	.0203	.1574	<.0000	8.356

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0656	<.0000	27.49	.0007	<.0000	<.0000	<.0000
SDev	.0011	.0000	.32	.0044	.0079	.0290	.0525
%RSD	1.624	.0069	1.181	603.3	27.05	44.92	63.85

#1	.0662	<.0000	27.30	<.0000	<.0000	<.0000	<.0000
#2	.0647	<.0000	27.38	<.0000	<.0000	<.0000	<.0000
#3	.0669	<.0000	27.97	.0023	<.0000	<.0000	<.0000
#4	.0647	<.0000	27.31	.0061	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8907	.1727	<.0000	<.0000
SDev	.0367	.0117	.0018	.0007
%RSD	4.120	6.762	20.30	107.0

#1	.9068	.1627	<.0000	<.0000
#2	.9228	.1828	<.0000	<.0000
#3	.8384	.1625	<.0000	<.0000
#4	.8948	.1829	<.0000	<.0000

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Method: IECW Sample Name: 27771lab dup

Operator: it

Run Time: 12/07/01 16:04:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0894	.0127	.0306	<.0000	26.23
SDev	.0014	.0091	.0639	.0020	.0005	.0001	.12
%RSD	15.44	29.25	71.50	15.83	1.521	7.450	.4734
#1	<.0000	<.0000	.1239	.0152	.0302	<.0000	26.36
#2	<.0000	<.0000	.0893	.0106	.0310	<.0000	26.24
#3	<.0000	<.0000	<.0000	.0132	.0303	<.0000	26.06
#4	<.0000	<.0000	.1447	.0117	.0310	<.0000	26.25
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0219	.1609	<.0000	8.438
SDev	.0021	.0014	.0010	.0017	.0008	.4587	.022
%RSD	214.0	26.47	60.29	7.949	.5161	56.26	.2576
#1	<.0000	<.0000	<.0000	.0219	.1601	<.0000	8.467
#2	<.0000	<.0000	<.0000	.0244	.1616	<.0000	8.439
#3	<.0000	<.0000	<.0000	.0211	.1616	<.0000	8.429
#4	.0018	<.0000	<.0000	.0203	.1602	<.0000	8.416
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0665	<.0000	27.41	<.0000	<.0000	<.0000	<.0000
SDev	.0014	.0000	.15	.0062	.0191	.0000	.0599
%RSD	2.050	.0167	.5487	227.8	53.74	.0691	169.3
#1	.0676	<.0000	27.61	<.0000	<.0000	<.0000	<.0000
#2	.0662	<.0000	27.25	.0048	<.0000	<.0000	.0532
#3	.0647	<.0000	27.39	<.0000	<.0000	<.0000	<.0000
#4	.0676	<.0000	27.37	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9748	.0870	<.0000	<.0000			
SDev	.0249	.1071	.0012	.0006			
%RSD	2.558	123.1	21.83	503.9			
#1	.9627	.0819	<.0000	<.0000			
#2	1.011	.2230	<.0000	.0004			
#3	.9548	<.0000	<.0000	<.0000			
#4	.9709	.0820	<.0000	.0004			

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Method: IECW Sample Name: 27771spk

Operator: it

Run Time: 12/07/01 16:16:22

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0155	.2148	.3817	.2719	.3085	.0491	25.58
SDev	.0019	.0126	.0581	.0028	.0022	.0003	.09
%RSD	12.57	5.863	15.22	1.035	.7207	.6186	.3364

#1	.0145	.2010	.4367	.2750	.3107	.0493	25.60
#2	.0135	.2086	.3405	.2704	.3099	.0492	25.60
#3	.0180	.2296	.3232	.2735	.3058	.0487	25.46
#4	.0160	.2200	.4262	.2688	.3074	.0490	25.66

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1031	.1054	.2595	.2805	.4088	<.0000	8.246
SDev	.0026	.0004	.0019	.0008	.0041	.6255	.030
%RSD	2.469	.3498	.7464	.2749	.9961	258.4	.3602

#1	.0993	.1058	.2593	.2803	.4091	<.0000	8.272
#2	.1049	.1050	.2570	.2811	.4091	<.0000	8.262
#3	.1043	.1056	.2617	.2795	.4035	.4841	8.205
#4	.1038	.1053	.2598	.2811	.4134	<.0000	8.246

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3320	.0935	26.83	.2655	.2456	.1944	.2322
SDev	.0018	.0069	.25	.0050	.0041	.0437	.0882
%RSD	.5396	7.352	.9162	1.869	1.680	22.46	37.97

#1	.3324	.0893	26.93	.2670	.2488	.2296	.2993
#2	.3338	.0993	27.12	.2582	.2402	.2015	.1135
#3	.3295	.0993	26.59	.2696	.2488	.1312	.2167
#4	.3324	.0860	26.67	.2670	.2445	.2155	.2993

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.128	.3505	.1057	.2577
SDev	.038	.1011	.0012	.0012
%RSD	3.392	28.86	1.152	.4739

#1	1.121	.2137	.1055	.2570
#2	1.077	.3758	.1040	.2590
#3	1.148	.4568	.1069	.2584
#4	1.164	.3555	.1062	.2564

Analysis Report,

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Method: IECW Sample Name: 27772

Run Time: 12/07/01 16:21:07

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0441	.0042	.0141	<.0000	6.320
SDev	.0008	.0052	.0444	.0019	.0000	.0001	.033
%RSD	8.555	14.52	100.5	44.61	.0229	25.66	.5221

#1	<.0000	<.0000	<.0000	.0019	.0141	<.0000	6.300
#2	<.0000	<.0000	.0639	.0045	.0141	<.0000	6.285
#3	<.0000	<.0000	.0741	.0065	.0141	<.0000	6.358
#4	<.0000	<.0000	.0605	.0040	.0141	<.0000	6.335

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0279	<.0000	1.275
SDev	.0015	.0010	.0013	.0007	.0018	.1025	.012
%RSD	112.0	18.41	21.29	11.34	6.411	3.624	.9705

#1	<.0000	<.0000	<.0000	<.0000	.0275	<.0000	1.258
#2	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.287
#3	<.0000	<.0000	<.0000	<.0000	.0304	<.0000	1.281
#4	.0001	<.0000	<.0000	<.0000	.0275	<.0000	1.274

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0257	<.0000	4.112	<.0000	<.0000	<.0000	.0304
SDev	.0006	.0043	.019	.0012	.0187	.0181	.0898
%RSD	2.262	51.26	.4551	127.0	87.03	42.93	294.9

#1	.0257	<.0000	4.109	<.0000	<.0000	<.0000	.1182
#2	.0250	<.0000	4.087	<.0000	<.0000	<.0000	<.0000
#3	.0264	<.0000	4.121	<.0000	<.0000	<.0000	.0975
#4	.0257	<.0000	4.131	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2583	<.0000	<.0000	<.0000
SDev	.0094	.0304	.0007	.0003
%RSD	3.629	93.38	9.482	365.1

#1	.2653	<.0000	<.0000	<.0000
#2	.2652	<.0000	<.0000	.0001
#3	.2454	<.0000	<.0000	.0001
#4	.2573	<.0000	<.0000	.0001

Analysis Report

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Method: IECW Sample Name: 27773
 Run Time: 12/07/01 16:28:44
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0638	.0044	.0137	<.0000	6.344
SDev	.0011	.0040	.0281	.0014	.0005	.0000	.061
%RSD	12.70	13.58	44.12	30.81	3.415	25.00	.9666

#1	<.0000	<.0000	.0671	.0050	.0133	<.0000	6.427
#2	<.0000	<.0000	.0364	.0045	.0141	<.0000	6.311
#3	<.0000	<.0000	.1016	.0025	.0133	<.0000	6.287
#4	<.0000	<.0000	.0501	.0055	.0141	<.0000	6.350

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0268	<.0000	1.282
SDev	.0008	.0010	.0019	.0005	.0008	.3773	.020
%RSD	48.13	23.24	33.02	10.12	3.056	16.44	1.560

#1	<.0000	<.0000	<.0000	<.0000	.0275	<.0000	1.303
#2	<.0000	<.0000	<.0000	<.0000	.0275	<.0000	1.258
#3	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.274
#4	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.293

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0271	<.0000	4.122	.0006	<.0000	<.0000	.0149
SDev	.0000	.0050	.022	.0036	.0163	.0290	.0772
%RSD	.0056	54.12	.5284	584.0	757.3	74.74	517.2

#1	.0271	<.0000	4.145	.0012	<.0000	<.0000	<.0000
#2	.0272	<.0000	4.113	.0050	.0205	<.0000	.0356
#3	.0271	<.0000	4.095	<.0000	<.0000	<.0000	.0149
#4	.0271	<.0000	4.133	<.0000	<.0000	<.0000	.0975

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2464	.0029	<.0000	.0009
SDev	.0198	.1032	.0007	.0008
%RSD	8.022	3540.	11.83	92.47

#1	.2731	.0029	<.0000	.0001
#2	.2455	<.0000	<.0000	.0007
#3	.2256	<.0000	<.0000	.0021
#4	.2414	.1447	<.0000	.0007

Analysis Report

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Method: IECW Sample Name: 27774
 Run Time: 12/07/01 16:31:11
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0629	.0029	.0141	<.0000	6.394
SDev	.0009	.0039	.0442	.0007	.0000	.0000	.046
%RSD	11.46	14.24	70.31	24.54	.0341	33.33	.7167

#1	<.0000	<.0000	.0467	.0024	.0141	<.0000	6.347
#2	<.0000	<.0000	.1083	.0024	.0141	<.0000	6.362
#3	<.0000	<.0000	.0088	.0029	.0141	<.0000	6.440
#4	<.0000	<.0000	.0877	.0040	.0141	<.0000	6.425

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0364	<.0000	1.306
SDev	.0005	.0006	.0016	.0008	.0024	.1803	.015
%RSD	26.46	18.32	28.70	39.14	6.661	8.620	1.167

#1	<.0000	<.0000	<.0000	<.0000	.0332	<.0000	1.290
#2	<.0000	<.0000	<.0000	<.0000	.0375	<.0000	1.297
#3	<.0000	<.0000	<.0000	<.0000	.0389	<.0000	1.316
#4	<.0000	<.0000	<.0000	<.0000	.0360	<.0000	1.322

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0255	<.0000	4.155	.0047	<.0000	<.0000	<.0000
SDev	.0004	.0033	.010	.0022	.0256	.0610	.0619
%RSD	1.398	39.67	.2340	45.73	139.9	157.6	385.7

#1	.0257	<.0000	4.155	.0075	<.0000	<.0000	.0149
#2	.0257	<.0000	4.143	.0050	.0162	.0209	<.0000
#3	.0250	<.0000	4.167	.0025	<.0000	<.0000	.0149
#4	.0257	<.0000	4.157	.0038	<.0000	<.0000	.0149

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2265	<.0000	<.0000	.0012
SDev	.0386	.1085	.0010	.0014
%RSD	17.04	187.3	22.29	110.9

#1	.2057	<.0000	<.0000	.0001
#2	.1938	.1041	<.0000	.0021
#3	.2255	<.0000	<.0000	.0027
#4	.2810	<.0000	<.0000	.0001

Analysis Report

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Method: IECW Sample Name: 27775

Run Time: 12/07/01 16:33:15

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1175	.0124	.0310	<.0000	26.32
SDev	.0015	.0123	.0661	.0010	.0004	.0001	.24
%RSD	15.65	28.48	56.22	8.071	1.425	25.66	.9202
#1	<.0000	<.0000	.0626	.0132	.0307	<.0000	26.04
#2	<.0000	<.0000	.2068	.0121	.0314	<.0000	26.47
#3	<.0000	<.0000	.1279	.0111	.0314	<.0000	26.57
#4	<.0000	<.0000	.0727	.0132	.0307	<.0000	26.20
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0627	<.0000	8.473
SDev	.0018	.0014	.0016	.0012	.0015	.6806	.106
%RSD	120.4	25.72	33.52	19.85	2.323	59.08	1.248
#1	<.0000	<.0000	<.0000	<.0000	.0649	<.0000	8.378
#2	<.0000	<.0000	<.0000	<.0000	.0620	<.0000	8.532
#3	<.0000	<.0000	<.0000	<.0000	.0620	<.0000	8.592
#4	.0008	<.0000	<.0000	<.0000	.0621	<.0000	8.391
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0639	<.0000	27.88	<.0000	<.0000	<.0000	.1096
SDev	.0009	.0050	.47	.0025	.0086	.0134	.0682
%RSD	1.395	51.58	1.669	461.8	47.10	284.1	62.23
#1	.0630	<.0000	27.63	.0007	<.0000	<.0000	.1148
#2	.0637	<.0000	27.89	.0007	<.0000	.0058	.1973
#3	.0651	<.0000	28.53	<.0000	<.0000	<.0000	.0322
#4	.0637	<.0000	27.47	.0007	<.0000	.0058	.0941
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9705	.0420	<.0000	.0002			
SDev	.0589	.1066	.0019	.0010			
%RSD	6.067	253.8	32.73	464.8			
#1	.9618	.0928	<.0000	<.0000			
#2	1.041	<.0000	<.0000	.0010			
#3	.8979	.0520	<.0000	<.0000			
#4	.9816	.1333	<.0000	.0011			

Analysis Report

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Method: IECW Sample Name: 27817

Operator: it

Run Time: 12/07/01 16:35:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0406	.0060	.0139	<.0000	6.398
SDev	.0015	.0066	.0412	.0010	.0008	.0001	.043
%RSD	18.17	22.45	101.4	16.94	5.587	47.87	.6778
#1	<.0000	<.0000	<.0000	.0065	.0141	<.0000	6.434
#2	<.0000	<.0000	.0260	.0065	.0133	<.0000	6.410
#3	<.0000	<.0000	.0570	.0065	.0133	<.0000	6.412
#4	<.0000	<.0000	.0877	.0045	.0149	<.0000	6.335
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0282	<.0000	1.300
SDev	.0010	.0009	.0014	.0017	.0014	.3693	.033
%RSD	40.99	21.68	26.27	34.71	5.057	16.09	2.521
#1	<.0000	<.0000	<.0000	<.0000	.0289	<.0000	1.332
#2	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.319
#3	<.0000	<.0000	<.0000	<.0000	.0289	<.0000	1.290
#4	<.0000	<.0000	<.0000	<.0000	.0289	<.0000	1.258
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0264	<.0000	7.592	<.0000	<.0000	<.0000	<.0000
SDev	.0000	.0042	.071	.0018	.0127	.0134	.0742
%RSD	.0075	55.43	.9305	16210.	56.10	126.1	13390.
#1	.0264	<.0000	7.655	<.0000	<.0000	.0069	<.0000
#2	.0264	<.0000	7.604	.0012	<.0000	<.0000	.0149
#3	.0264	<.0000	7.618	.0012	<.0000	<.0000	<.0000
#4	.0264	<.0000	7.491	<.0000	<.0000	<.0000	.0975
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.3940	<.0000	<.0000	<.0000			
SDev	.0147	.1158	.0014	.0000			
%RSD	3.735	200.1	26.72	.1285			
#1	.3801	<.0000	<.0000	<.0000			
#2	.3841	<.0000	<.0000	<.0000			
#3	.4000	.0839	<.0000	<.0000			
#4	.4120	<.0000	<.0000	<.0000			

Analysis Report

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Method: IECW Sample Name: 27818

Run Time: 12/07/01 16:38:33

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0335	.0046	.0139	<.0000	6.381
SDev	.0026	.0099	.0297	.0015	.0004	.0000	.027
%RSD	41.66	79.59	88.46	31.80	2.909	50.00	.4174

#1	<.0000	<.0000	.0569	.0035	.0141	<.0000	6.411
#2	<.0000	<.0000	.0567	.0065	.0133	<.0000	6.385
#3	<.0000	<.0000	<.0000	.0050	.0141	<.0000	6.380
#4	<.0000	<.0000	.0258	.0035	.0141	<.0000	6.346

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0264	<.0000	1.304
SDev	.0008	.0015	.0024	.0014	.0027	.5799	.013
%RSD	29.05	73.88	49.75	36.92	10.18	32.38	1.011

#1	<.0000	<.0000	<.0000	<.0000	.0246	<.0000	1.316
#2	<.0000	<.0000	<.0000	<.0000	.0303	<.0000	1.313
#3	<.0000	<.0000	<.0000	<.0000	.0261	<.0000	1.287
#4	<.0000	<.0000	<.0000	<.0000	.0247	<.0000	1.300

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0263	<.0000	7.252	.0082	<.0000	<.0000	<.0000
SDev	.0007	.0017	.087	.0080	.0316	.0070	.0997
%RSD	2.602	28.13	1.195	97.87	977.0	65.73	1728.

#1	.0257	<.0000	7.357	<.0000	<.0000	<.0000	<.0000
#2	.0257	<.0000	7.284	.0050	<.0000	<.0000	.0355
#3	.0271	<.0000	7.208	.0088	.0205	<.0000	.0148
#4	.0264	<.0000	7.159	.0188	.0162	<.0000	.0768

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4793	<.0000	<.0000	.0004
SDev	.0397	.0582	.0019	.0013
%RSD	8.276	136.3	47.05	314.4

#1	.4277	.0029	<.0000	.0021
#2	.4753	<.0000	<.0000	.0007
#3	.5229	.0029	<.0000	<.0000
#4	.4912	<.0000	<.0000	<.0000

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Method: IECW Sample Name: 27819
 Run Time: 12/07/01 16:40:43
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0629	.0031	.0137	<.0000	6.462
SDev	.0034	.0120	.0237	.0011	.0005	.0001	.042
%RSD	40.40	49.62	37.75	34.37	3.417	47.87	.6472
#1	<.0000	<.0000	.0740	.0030	.0133	<.0000	6.471
#2	<.0000	<.0000	.0879	.0045	.0133	<.0000	6.490
#3	<.0000	<.0000	.0567	.0019	.0141	<.0000	6.400
#4	<.0000	<.0000	.0329	.0029	.0141	<.0000	6.486
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0747	.0332	<.0000	1.285
SDev	.0003	.0029	.0027	.0008	.0016	.7618	.010
%RSD	16.08	88.35	45.01	1.035	4.945	31.85	.7753
#1	<.0000	<.0000	<.0000	.0757	.0318	<.0000	1.277
#2	<.0000	<.0000	<.0000	.0741	.0346	<.0000	1.284
#3	<.0000	.0007	<.0000	.0749	.0318	<.0000	1.300
#4	<.0000	<.0000	<.0000	.0741	.0346	<.0000	1.281
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0263	<.0000	8.168	.0022	<.0000	<.0000	<.0000
SDev	.0004	.0079	.139	.0054	.0124	.0256	.0876
%RSD	1.356	72.23	1.701	244.9	37.24	72.68	1528.
#1	.0257	<.0000	8.156	.0013	<.0000	<.0000	.0975
#2	.0264	<.0000	8.308	.0063	<.0000	<.0000	<.0000
#3	.0264	<.0000	7.982	.0063	<.0000	<.0000	<.0000
#4	.0264	<.0000	8.227	<.0000	<.0000	<.0000	.0356
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.4317	<.0000	<.0000	.0026			
SDev	.0399	.0926	.0024	.0003			
%RSD	9.242	99.27	43.53	12.96			
#1	.4397	.0029	<.0000	.0027			
#2	.3762	<.0000	<.0000	.0027			
#3	.4713	<.0000	<.0000	.0027			
#4	.4397	<.0000	<.0000	.0021			

Analysis Report

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Method: IECW Sample Name: 27823
 Run Time: 12/07/01 16:43:00
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0558	.0052	.0155	<.0000	6.950
SDev	.0017	.0080	.0220	.0019	.0004	.0000	.012
%RSD	31.85	39.50	39.36	36.33	2.613	50.00	.1739

#1	<.0000	<.0000	.0740	.0070	.0149	<.0000	6.956
#2	<.0000	<.0000	.0292	.0045	.0157	<.0000	6.937
#3	<.0000	<.0000	.0738	.0029	.0157	<.0000	6.944
#4	<.0000	<.0000	.0464	.0065	.0157	<.0000	6.964

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0071	.0349	<.0000	1.444
SDev	.0016	.0023	.0011	.0013	.0027	.5407	.006
%RSD	335.1	85.63	25.38	18.58	7.720	33.44	.4438

#1	.0012	<.0000	<.0000	.0055	.0388	<.0000	1.441
#2	<.0000	<.0000	<.0000	.0071	.0331	<.0000	1.441
#3	.0001	<.0000	<.0000	.0087	.0345	<.0000	1.454
#4	<.0000	<.0000	<.0000	.0071	.0331	<.0000	1.441

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0332	<.0000	7.661	.0028	<.0000	<.0000	.0613
SDev	.0004	.0050	.017	.0044	.0075	.0140	.0543
%RSD	1.240	84.49	.2280	158.2	46.19	49.60	88.59

#1	.0328	<.0000	7.685	.0050	<.0000	<.0000	.0561
#2	.0336	<.0000	7.651	.0050	<.0000	<.0000	.0355
#3	.0335	<.0000	7.645	.0050	<.0000	<.0000	.1386
#4	.0328	<.0000	7.663	<.0000	<.0000	<.0000	.0148

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4810	<.0000	<.0000	.0021
SDev	.0326	.0765	.0015	.0014
%RSD	6.778	67.16	40.41	69.78

#1	.4394	<.0000	<.0000	.0001
#2	.4711	<.0000	<.0000	.0034
#3	.5107	<.0000	<.0000	.0021
#4	.5028	<.0000	<.0000	.0027

Analysis Report

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page 1

Method: IECW Sample Name: ipc
 Run Time: 12/07/01 16:47:31
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280 ✓	Al3082 ✓	As1936 ✓	B_2496 ✓	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	.5061	.9322	.0542	.9864	1.092	.9731	1.077
SDev	.0027	.0062	.0312	.0087	.011	.0072	.004
%RSD	.5320	.6697	57.62	.8845	9619	.7438	.3755
#1	.5071	.9244	.0337	.9841	1.090	.9731	1.074
#2	.5071	.9368	.0267	.9877	1.099	.9756	1.079
#3	.5081	.9377	.0610	.9974	1.102	.9805	1.082
#4	.5021	.9301	.0954	.9764	1.079	.9633	1.073
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664 ✓	Mg2790 ✓
Avge	1.026	1.050	1.032	1.006	1.000	<.0000	1.010
SDev	.010	.004	.007	.008	.011	.4151	.012
%RSD	.9624	.4054	.6588	.8223	1.105	109.9	1.226
#1	1.032	1.054	1.034	1.003	1.008	<.0000	1.022
#2	1.027	1.050	1.032	1.009	1.005	<.0000	.9928
#3	1.033	1.052	1.040	1.015	1.004	<.0000	1.015
#4	1.012	1.044	1.023	.9953	.9837	.0968	1.009
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203 ✓	Sb2068 ✓	Se1960 ✓
Avge	1.049	1.024	1.065	1.018	1.065	.9653	.0415
SDev	.007	.011	.013	.011	.011	.0479	.0492
%RSD	.7131	1.076	1.263	1.067	1.018	4.967	118.4
#1	1.047	1.009	1.052	1.021	1.050	.9443	.0312
#2	1.051	1.026	1.084	1.011	1.067	1.028	.0106
#3	1.059	1.023	1.060	1.032	1.067	.9161	.0105
#4	1.041	1.036	1.066	1.009	1.076	.9723	.1138
Elem	Si2881 ✓	Tl1908 ✓	V_2924 ✓	Zn2138 ✓			
Avge	.6473	1.110	1.083	1.008			
SDev	.0331	.060	.008	.011			
%RSD	5.108	5.451	.7109	1.062			
#1	.6304	1.095	1.083	1.003			
#2	.6186	1.176	1.086	1.011			
#3	.6463	1.034	1.090	1.021			
#4	.6939	1.135	1.072	.9966			

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 12/07/01 16:49:46
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0022	.0091	.0471	.0042	.0006	.0004	<.0000
SDev	.0018	.0065	.0241	.0006	.0005	.0001	.0033
%RSD	82.14	72.07	51.28	15.31	76.76	27.96	28.44
#1	.0040	.0141	.0230	.0049	.0010	.0005	<.0000
#2	.0015	.0093	.0299	.0044	.0002	.0004	<.0000
#3	.0035	.0131	.0710	.0033	.0010	.0004	<.0000
#4	.0000	<.0000	.0644	.0044	.0002	.0003	<.0000
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0006	.0022	.0005	.0046	<.0000	.1162	.0072
SDev	.0012	.0031	.0027	.0020	.0020	.3528	.0124
%RSD	221.8	145.1	574.0	43.47	141.2	303.7	171.6
#1	.0018	.0051	.0019	.0073	<.0000	.2904	.0192
#2	<.0000	.0007	<.0000	.0040	<.0000	.0968	.0000
#3	.0013	.0044	.0033	.0048	.0014	.4453	.0160
#4	.0001	<.0000	<.0000	.0024	<.0000	<.0000	<.0000
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0002	.0267	<.0000	.0047	.0140	.0105	.0619
SDev	.0000	.0047	.0099	.0046	.0235	.0134	.0425
%RSD	.4865	17.68	37.73	98.58	167.6	127.8	68.74
#1	.0002	.0333	<.0000	.0053	.0420	.0210	.1186
#2	.0002	.0233	<.0000	<.0000	.0205	.0070	.0155
#3	.0002	.0233	<.0000	.0104	<.0000	.0210	.0567
#4	.0002	.0267	<.0000	.0041	.0075	<.0000	.0568
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	<.0000	<.0000	.0025	.0008			
SDev	.0265	.1270	.0016	.0008			
%RSD	15.35	228.0	63.33	92.39			
#1	<.0000	<.0000	.0034	.0002			
#2	<.0000	<.0000	.0005	.0015			
#3	<.0000	<.0000	.0041	.0015			
#4	<.0000	.0861	.0020	.0002			