

NYC samples.

3/4/02

B16 ^{FT}

SSTD

IPC+CB

LFb+LRB

1687 + Dap + spk

1688

1689

1690

1691

1692

1693

1732

1733

1734

IPC+CB

1796 + Dap + spk

1797

1798

1799

1800

1801

1802

2090

2092

2093

IPC+CB

LFb+LRB

Crack

2932

2933 + spk + Dap

3033

3034

3057

3099

IPC+CB

Reviewed by,
JB 5/1/2

3/8/02

B16

SSTD

IPC

LFb

183

1842

1810

1811

1812

1813

1814

2094

1916

1936

IPC

1837

1838

2091

2145

2147

2147

Standardization Rpt.

03/04/02 10:51:21 AM

page 1

Method: IECW Standard: STD1-Blank

Run Time: 03/04/02 10:49:36

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.532	4.324	.3075	.2785	.1790	.2160	4.560
SDev	.002	.008	.0163	.0068	.0011	.0000	.022
%RSD	.1066	.1787	5.294	2.444	.6451	.0000	.4897

#1	1.534	4.324	.3220	.2780	.1780	.2160	4.536
#2	1.532	4.320	.3180	.2720	.1800	.2160	4.546
#3	1.532	4.334	.3040	.2880	.1780	.2160	4.580
#4	1.530	4.316	.2860	.2760	.1800	.2160	4.578

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2720	2.557	1.029	.6675	.0030	6.477	1.431
SDev	.0054	.018	.005	.0010	.0035	.011	.010
%RSD	1.991	.7034	.4891	.1498	115.5	.1717	.7067

#1	.2700	2.536	1.024	.6680	.0040	6.472	1.420
#2	.2700	2.558	1.028	.6680	.0060	6.466	1.426
#3	.2800	2.556	1.036	.6680	-.0020	6.476	1.440
#4	.2680	2.580	1.028	.6660	.0040	6.492	1.440

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0975	.1025	2.541	.4845	.6885	.1205	.0945
SDev	.0010	.0019	.017	.0055	.0133	.0010	.0030
%RSD	1.026	1.868	.6847	1.137	1.932	.8299	3.175

#1	.0980	.1020	2.528	.4880	.7000	.1200	.0960
#2	.0980	.1040	2.524	.4780	.6700	.1220	.0960
#3	.0960	.1000	2.556	.4820	.6880	.1200	.0900
#4	.0980	.1040	2.556	.4900	.6960	.1200	.0960

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8725	.1305	.7585	.1355
SDev	.0034	.0101	.0010	.0025
%RSD	.3915	7.752	.1318	1.857

#1	.8720	.1220	.7600	.1380
#2	.8740	.1420	.7580	.1360
#3	.8680	.1360	.7580	.1360
#4	.8760	.1220	.7580	.1320

Standardization Rpt.

03/04/02 10:53:33 AM

page 1

Method: IECW Standard: STD6
Run Time: 03/04/02 10:52:11



Elem	Ag3280
Avge	36.86
SDev	.13
%RSD	.3484

#1	36.72
#2	36.79
#3	37.01
#4	36.91

Standardization Rpt.

03/04/02 10:57:09 AM

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Method: IECW Standard: STD3

Run Time: 03/04/02 10:55:26

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	19.87	191.7	11.75	3.565	11.43	14.07	.9830
SDev	.07	1.1	.07	.045	.04	.10	.0099
%RSD	.3453	.5626	.5558	1.273	.3651	.7448	1.004

#1	19.87	191.6	11.75	3.524	11.41	14.06	.9840
#2	19.79	190.9	11.67	3.542	11.42	14.00	.9700
#3	19.96	193.3	11.83	3.628	11.48	14.22	.9940
#4	19.87	191.2	11.75	3.566	11.38	14.00	.9840

Elem	Tl1908
Avge	.6580
SDev	.0177
%RSD	2.696

#1	.6400
#2	.6480
#3	.6640
#4	.6800

Standardization Rpt.

03/04/02 11:01:30 AM

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Method: IECW Standard: STD4
Run Time: 03/04/02 11:00:07

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	2.945	26.84	40.05	.5375	4.477
SDev	.041	.04	.06	.0109	.010
%RSD	1.404	.1612	.1442	2.024	.2318
#1	2.952	26.88	40.13	.5440	4.484
#2	2.996	26.86	40.02	.5220	4.476
#3	2.896	26.82	40.06	.5380	4.484
#4	2.936	26.79	40.00	.5460	4.462

Standardization Rpt.

03/04/02 11:04:13 AM

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Method: IECW Standard: STD2

Run Time: 03/04/02 11:02:51

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	23.09	95.64	30.29	107.3	20.72	11.72	7.263
SDev	.07	.13	.07	.2	.07	.02	.011
%RSD	.3145	.1376	.2325	.1890	.3349	.1522	.1500

#1	23.06	95.60	30.31	107.4	20.70	11.71	7.256
#2	23.14	95.74	30.35	107.5	20.77	11.70	7.264
#3	22.99	95.47	30.19	107.0	20.62	11.73	7.254
#4	23.14	95.75	30.30	107.5	20.77	11.74	7.278

Elem	Mn2576	Pb2203	Zn2138
Avge	23.76	4.956	20.50
SDev	.09	.031	.05
%RSD	.3663	.6290	.2411

#1	23.75	5.000	20.51
#2	23.83	4.954	20.51
#3	23.64	4.936	20.43
#4	23.83	4.932	20.55

Standardization Rpt.

03/04/02 11:06:46 AM

page 1

Method: IECW Standard: STD5
Run Time: 03/04/02 11:05:24



Elem	V_2924
Avge	27.10
SDev	.08
%RSD	.2915

#1	27.01
#2	27.11
#3	27.09
#4	27.20

Analysis Report

03/04/02 11:17:09 AM

page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 03/04/02 11:15:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4904	1.008	.1279	.9776	.9856	.9702	1.008
SDev	.0012	.008	.0310	.0062	.0027	.0027	.003
%RSD	.2382	.7706	24.22	.6338	.2756	.2758	.2933

#1	.4891	1.012	.1431	.9865	.9825	.9673	1.007
#2	.4914	1.017	.1354	.9767	.9843	.9726	1.011
#3	.4897	1.001	.1508	.9722	.9869	.9723	1.009
#4	.4914	1.001	.0824	.9752	.9886	.9685	1.004

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9924	.9859	.9780	.9478	1.008	<.0000	.9645
SDev	.0100	.0086	.0047	.0031	.007	.3543	.0076
%RSD	1.010	.8735	.4813	.3266	.7168	34.03	.7910

#1	.9775	.9764	.9712	.9436	1.003	<.0000	.9688
#2	.9955	.9862	.9789	.9476	1.017	<.0000	.9619
#3	.9995	.9973	.9820	.9506	1.002	<.0000	.9722
#4	.9968	.9839	.9799	.9496	1.012	<.0000	.9550

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9807	.9462	.9925	.9946	1.018	.9473	<.0000
SDev	.0056	.0150	.0264	.0086	.030	.0117	.1195
%RSD	.5761	1.585	2.661	.8592	2.916	1.231	428.8

#1	.9739	.9404	1.016	.9924	1.056	.9648	.1426
#2	.9781	.9520	1.011	.9836	1.027	.9415	<.0000
#3	.9858	.9288	.9840	.9998	.9992	.9415	<.0000
#4	.9849	.9636	.9590	1.003	.9898	.9415	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.093	1.011	.9669	.9911
SDev	.021	.165	.0036	.0048
%RSD	1.931	16.36	.3685	.4813

#1	1.123	.7642	.9662	.9865
#2	1.095	1.106	.9685	.9973
#3	1.078	1.106	.9707	.9924
#4	1.078	1.068	.9624	.9884

Analysis Report

03/04/02 11:19:45 AM

page 1

Method: IECW Sample Name: CD

Operator: iv

Run Time: 03/04/02 11:18:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0555	.0000	<.0000	<.0000	<.0000
SDev	.0021	.0089	.0685	.0007	.0007	.0002	.0003
%RSD	39.74	29.17	123.4	125.5	40.85	18.75	4.009

#1	<.0000	<.0000	.0592	.0008	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.0137	.0015	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.1506	.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0023	.0024	.0031	.0017	.0024	.3277	.0163
%RSD	154.0	204.8	219.3	16.11	81.06	16.28	82.21

#1	.0005	<.0000	.0001	<.0000	<.0000	<.0000	<.0000
#2	.0005	<.0000	.0001	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0021	.0001	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	N12316	Pb2203	Si2068	Sb1960
Avge	<.0000	<.0000	<.0000	<.0000	.0024	.0001	<.0000
SDev	.0007	.0126	.0082	.0024	.0112	.0404	.1144
%RSD	109.2	108.2	13.96	163.8	473.9	44360.	201.8

#1	.0002	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0058	<.0000	<.0000	.0094	<.0000	.0569
#3	<.0000	<.0000	<.0000	<.0000	<.0000	.0585	<.0000
#4	<.0000	<.0000	<.0000	.0015	.0141	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0137	.1591	.0010	.0015
%RSD	27.20	841.4	20.96	75.15

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.1992	<.0000	<.0000

Analysis Report

03/04/02 12:30:53 PM

page 1

Method: IECW Sample Name: 1e87
 Run Time: 03/04/02 12:29:08
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0018	.0200	.0045	.0131	.0001	6.284
SDev	.0019	.0132	.0840	.0007	.0004	.0001	.019
%RSD	99.64	743.0	420.7	15.99	3.312	81.65	.3026
#1	<.0000	<.0000	.0144	.0039	.0129	.0002	6.270
#2	.0000	.0199	<.0000	.0039	.0138	.0001	6.309
#3	<.0000	<.0000	.1364	.0047	.0129	.0000	6.286
#4	<.0000	.0018	<.0000	.0054	.0129	.0001	6.269
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0006	.0001	.0339	<.0000	1.376
SDev	.0008	.0022	.0017	.0019	.0017	.3348	.012
%RSD	78.53	831.1	294.7	2009.	5.016	36.52	.8409
#1	<.0000	<.0000	.0001	<.0000	.0331	<.0000	1.359
#2	<.0000	.0030	.0026	.0026	.0331	<.0000	1.383
#3	.0001	<.0000	<.0000	.0006	.0331	<.0000	1.383
#4	<.0000	<.0000	.0011	<.0000	.0365	<.0000	1.380
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0297	.0042	8.092	<.0000	<.0000	.0114	.0333
SDev	.0008	.0111	.062	.0030	.0242	.0440	.1353
%RSD	2.852	261.0	.7675	63.79	687.7	386.1	406.5
#1	.0309	<.0000	8.121	<.0000	.0246	<.0000	<.0000
#2	.0292	<.0000	7.999	<.0000	<.0000	.0404	.0898
#3	.0292	.0071	8.126	<.0000	<.0000	.0172	<.0000
#4	.0292	.0187	8.121	<.0000	.0059	.0405	.1805
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9006	.1970	.0003	.0001			
SDev	.0079	.1652	.0004	.0011			
%RSD	.8772	83.83	122.1	760.2			
#1	.8894	.2635	.0005	<.0000			
#2	.9062	.2255	.0005	.0011			
#3	.9062	.3394	<.0000	<.0000			
#4	.9006	<.0000	.0005	.0011			

Analysis Report

03/04/02 12:33:52 PM

page 1

Method: IECW Sample Name: 1687dup

Operator: it

Run Time: 03/04/02 12:32:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0129	<.0000	6.285
SDev	.0019	.0155	.0302	.0017	.0000	.0001	.030
%RSD	79.10	213.7	50.35	49.64	.0226	40.00	.4697

#1	<.0000	<.0000	<.0000	.0039	.0129	<.0000	6.287
#2	<.0000	.0160	<.0000	.0009	.0129	<.0000	6.312
#3	<.0000	<.0000	<.0000	.0047	.0129	<.0000	6.297
#4	<.0000	<.0000	<.0000	.0039	.0129	<.0000	6.243

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0003	.0005	<.0000	.0293	<.0000	1.383
SDev	.0020	.0016	.0011	.0014	.0021	.2786	.010
%RSD	850.8	608.3	251.2	100.7	7.313	25.97	.7032

#1	.0021	.0018	.0001	<.0000	.0297	<.0000	1.383
#2	<.0000	.0015	<.0000	<.0000	.0314	<.0000	1.390
#3	<.0000	<.0000	.0021	<.0000	.0297	<.0000	1.370
#4	.0008	<.0000	.0001	<.0000	.0263	<.0000	1.390

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0303	.0100	8.083	<.0000	.0047	<.0000	<.0000
SDev	.0004	.0033	.029	.0077	.0193	.0329	.0370
%RSD	1.392	33.33	.3584	87.88	411.4	546.3	80.47

#1	.0301	.0129	8.049	<.0000	.0293	.0173	<.0000
#2	.0309	.0071	8.119	<.0000	.0059	<.0000	<.0000
#3	.0301	.0129	8.087	<.0000	<.0000	.0173	<.0000
#4	.0301	.0071	8.078	<.0000	.0012	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.8922	.0167	<.0000	.0006
SDev	.0107	.1438	.0011	.0013
%RSD	1.203	862.8	416.3	197.8

#1	.8894	.1116	<.0000	.0021
#2	.9005	.1116	.0005	.0001
#3	.9006	.0357	<.0000	<.0000
#4	.8781	<.0000	.0005	.0011

Analysis Report

03/04/02 12:41:22 PM

page 1

Method: IECW Sample Name: 1687spk

Operator: it

Run Time: 03/04/02 12:39:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0115	.2626	.2587	.2629	.2625	.0485	6.206
SDev	.0010	.0029	.0477	.0034	.0013	.0002	.022
%RSD	8.402	1.092	18.43	1.288	.4982	.3675	.3595

#1	.0114	.2603	.3159	.2650	.2609	.0483	6.177
#2	.0125	.2668	.2777	.2582	.2618	.0485	6.204
#3	.0119	.2616	.2091	.2657	.2636	.0488	6.231
#4	.0102	.2616	.2320	.2627	.2636	.0486	6.213

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1006	.1021	.2486	.2476	.2851	<.0000	1.354
SDev	.0015	.0016	.0032	.0013	.0020	.1120	.023
%RSD	1.469	1.545	1.272	.5201	.6889	9.191	1.665

#1	.1001	.1005	.2441	.2461	.2868	<.0000	1.335
#2	.0987	.1011	.2487	.2471	.2834	<.0000	1.349
#3	.1014	.1032	.2512	.2491	.2868	<.0000	1.387
#4	.1021	.1038	.2502	.2481	.2834	<.0000	1.345

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2803	.0980	8.055	.2419	.2521	.2374	.2473
SDev	.0015	.0119	.064	.0037	.0047	.0484	.2109
%RSD	.5502	12.16	.7906	1.537	1.862	20.40	85.28

#1	.2786	.0994	7.999	.2456	.2498	.2490	.2246
#2	.2811	.1110	8.033	.2426	.2498	.1792	.0434
#3	.2820	.0994	8.146	.2367	.2498	.2955	.1793
#4	.2794	.0821	8.042	.2426	.2591	.2258	.5417

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.176	.2914	.0965	.2525
SDev	.024	.1680	.0008	.0008
%RSD	2.032	57.67	.7872	.3173

#1	1.186	.1870	.0977	.2516
#2	1.169	.4528	.0961	.2525
#3	1.203	.4147	.0961	.2535
#4	1.147	.1110	.0961	.2525

Analysis Report

03/04/02 12:43:51 PM

page 1

Method: IECW Sample Name: 1688

Operator: it

Run Time: 03/04/02 12:42:07

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0127	<.0000	6.289
SDev	.0014	.0128	.0217	.0030	.0004	.0001	.015
%RSD	56.85	1125.	24.00	88.25	3.445	40.00	.2433

#1	<.0000	.0069	<.0000	.0024	.0129	<.0000	6.276
#2	<.0000	<.0000	<.0000	.0009	.0129	<.0000	6.276
#3	<.0000	.0121	<.0000	.0077	.0129	<.0000	6.299
#4	<.0000	<.0000	<.0000	.0024	.0120	<.0000	6.305

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0002	<.0000	.0318	<.0000	1.393
SDev	.0022	.0013	.0022	.0013	.0021	.4349	.017
%RSD	157.1	105.0	1152.	142.7	6.740	43.29	1.199

#1	.0001	<.0000	<.0000	.0006	.0348	<.0000	1.397
#2	.0008	<.0000	.0021	<.0000	.0314	<.0000	1.383
#3	<.0000	<.0000	.0021	<.0000	.0297	<.0000	1.414
#4	<.0000	.0003	<.0000	<.0000	.0314	<.0000	1.376

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0280	.0129	7.549	<.0000	.0047	.0056	.1126
SDev	.0005	.0082	.024	.0066	.0155	.0586	.0453
%RSD	1.740	63.29	.3229	72.17	330.7	1048.	40.28

#1	.0284	.0245	7.538	<.0000	.0059	<.0000	.0899
#2	.0276	.0071	7.524	<.0000	.0246	.0870	.0899
#3	.0284	.0071	7.554	<.0000	<.0000	<.0000	.0899
#4	.0276	.0129	7.581	<.0000	.0012	<.0000	.1806

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8781	.0356	.0001	.0004
SDev	.0188	.1641	.0014	.0019
%RSD	2.144	460.6	1203.	471.0

#1	.8669	<.0000	.0020	.0031
#2	.8670	.0356	<.0000	<.0000
#3	.9061	.1115	<.0000	.0001
#4	.8726	.1876	.0005	<.0000

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Method: IECW Sample Name: 1689

Operator: it

Run Time: 03/04/02 12:44:19

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0089	<.0000	.0054	.0129	<.0000	6.197
SDev	.0016	.0094	.0187	.0020	.0000	.0001	.025
%RSD	146.9	105.1	214.2	37.45	.0152	40.00	.3996

#1	<.0000	.0018	.0143	.0024	.0129	<.0000	6.214
#2	.0000	.0005	<.0000	.0070	.0129	<.0000	6.220
#3	<.0000	.0199	<.0000	.0062	.0129	<.0000	6.185
#4	.0000	.0134	<.0000	.0062	.0129	<.0000	6.168

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	.0019	.0046	.0305	<.0000	1.378
SDev	.0013	.0008	.0019	.0008	.0029	.2712	.010
%RSD	234.7	143.8	104.0	17.76	9.662	44.85	.7488

#1	.0001	<.0000	.0032	.0036	.0297	<.0000	1.370
#2	.0001	.0003	.0031	.0056	.0280	<.0000	1.383
#3	.0001	<.0000	.0021	.0046	.0348	<.0000	1.370
#4	<.0000	<.0000	<.0000	.0046	.0297	<.0000	1.390

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0322	.0086	6.874	<.0000	.0035	.0288	.0786
SDev	.0008	.0029	.043	.0043	.0165	.0403	.1497
%RSD	2.625	33.66	.6199	65.66	469.1	139.8	190.5

#1	.0326	.0071	6.902	<.0000	<.0000	.0172	<.0000
#2	.0326	.0071	6.900	<.0000	.0152	.0870	.2258
#3	.0326	.0129	6.882	<.0000	.0199	.0172	.1804
#4	.0309	.0071	6.811	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.8922	.0831	.0005	.0009
SDev	.0186	.1764	.0011	.0017
%RSD	2.081	212.3	214.2	189.3

#1	.8670	<.0000	.0013	.0002
#2	.8894	.1496	.0005	.0031
#3	.9062	.3015	.0013	.0011
#4	.9061	<.0000	<.0000	<.0000

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Method: IECW Sample Name: 1690

Operator: il

Run Time: 03/04/02 12:46:33

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0094	.0005	.0067	.0141	<.0000	7.400
SDev	.0010	.0071	.1178	.0011	.0005	.0001	.028
%RSD	93.16	75.52	22050.	16.95	3.560	38.49	.3751

#1	<.0000	.0055	.1208	.0061	.0137	<.0000	7.359
#2	.0000	.0171	<.0000	.0061	.0145	<.0000	7.414
#3	<.0000	.0133	.0825	.0061	.0145	<.0000	7.420
#4	<.0000	.0016	<.0000	.0084	.0137	<.0000	7.406

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0010	.0058	.0414	<.0000	1.757
SDev	.0021	.0018	.0034	.0013	.0000	.2518	.016
%RSD	121.7	1059.	337.1	21.63	.0173	27.47	.8949

#1	.0001	.0003	<.0000	.0046	.0414	<.0000	1.734
#2	.0001	<.0000	.0055	.0076	.0414	<.0000	1.761
#3	<.0000	.0018	.0019	.0056	.0414	<.0000	1.768
#4	<.0000	<.0000	<.0000	.0056	.0414	<.0000	1.765

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0313	.0071	8.468	<.0000	.0258	.0113	.0557
SDev	.0008	.0000	.033	.0058	.0335	.0516	.1191
%RSD	2.696	.0632	.3922	62.67	129.8	455.9	213.8

#1	.0309	.0071	8.446	<.0000	<.0000	<.0000	<.0000
#2	.0309	.0071	8.434	<.0000	.0622	<.0000	.2256
#3	.0326	.0071	8.493	<.0000	.0434	.0404	.0444
#4	.0309	.0071	8.500	<.0000	.0106	.0637	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9293	.0350	.0005	.0004
SDev	.0167	.1550	.0006	.0012
%RSD	1.797	442.8	128.6	330.4

#1	.9055	<.0000	.0005	<.0000
#2	.9335	.2629	<.0000	.0001
#3	.9447	<.0000	.0005	.0021
#4	.9335	<.0000	.0012	.0001

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Method: IECW Sample Name: 1691

Operator: it

Run Time: 03/04/02 12:48:26

Comment:

Mode: CONC ~ Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0574	.0156	.0289	<.0000	24.70
SDev	.0003	.0157	.0961	.0023	.0005	.0000	.06
%RSD	41.70	3096.	167.4	14.98	1.728	.0000	.2490

#1	<.0000	.0108	.0096	.0145	.0284	<.0000	24.64
#2	<.0000	<.0000	.0250	.0183	.0293	<.0000	24.73
#3	<.0000	<.0000	<.0000	.0167	.0293	<.0000	24.77
#4	<.0000	.0121	.2003	.0130	.0284	<.0000	24.67

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0040	.0213	.0605	.6047	8.246
SDev	.0008	.0019	.0018	.0005	.0016	.2218	.028
%RSD	206.9	123.5	45.64	2.336	2.678	36.69	.3445

#1	<.0000	<.0000	.0062	.0211	.0584	.3511	8.204
#2	.0004	<.0000	.0046	.0211	.0601	.7022	8.266
#3	<.0000	.0002	.0020	.0221	.0618	.5072	8.256
#4	<.0000	<.0000	.0031	.0211	.0618	.8583	8.259

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0942	.0096	27.64	<.0000	.0129	.0045	.1319
SDev	.0011	.0075	.08	.0074	.0160	.0134	.1170
%RSD	1.158	77.98	.2972	113.6	124.3	296.8	88.67

#1	.0947	.0009	27.54	.0035	<.0000	.0161	.1772
#2	.0930	.0125	27.72	<.0000	.0152	<.0000	<.0000
#3	.0955	.0183	27.68	<.0000	.0340	<.0000	.2679
#4	.0938	.0067	27.60	<.0000	.0059	.0161	.0866

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.732	.2240	.0004	.0020
SDev	.005	.1499	.0007	.0009
%RSD	.3122	66.91	193.1	46.48

#1	1.739	.1007	.0002	.0008
#2	1.728	.4423	.0009	.0028
#3	1.728	.1765	<.0000	.0018
#4	1.734	.1765	.0009	.0028

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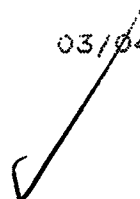
Method: IECW Sample Name: 1692

Operator: it

Run Time: 03/04/02 12:50:54

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0066	.0085	.0045	.0125	<.0000	6.283
SDev	.0006	.0095	.0575	.0020	.0005	.0001	.026
%RSD	39.45	143.8	680.3	44.11	4.064	40.00	.4162

#1	<.0000	.0031	<.0000	.0047	.0120	<.0000	6.314
#2	<.0000	.0108	<.0000	.0054	.0129	<.0000	6.261
#3	<.0000	.0173	.0751	.0062	.0120	<.0000	6.295
#4	<.0000	<.0000	.0372	.0017	.0129	<.0000	6.262

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0002	.0063	.0369	<.0000	1.376
SDev	.0015	.0012	.0011	.0013	.0029	.4730	.007
%RSD	368.1	127.0	527.8	19.84	7.882	59.14	.5152

#1	.0014	<.0000	.0001	.0046	.0382	<.0000	1.376
#2	<.0000	<.0000	<.0000	.0066	.0365	<.0000	1.376
#3	.0001	.0007	.0001	.0076	.0331	<.0000	1.383
#4	<.0000	<.0000	.0016	.0066	.0399	<.0000	1.366

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0326	.0086	7.138	<.0000	.0223	.0230	.1012
SDev	.0007	.0029	.054	.0064	.0218	.0349	.0934
%RSD	2.115	33.69	.7584	159.1	98.02	151.5	92.29

#1	.0326	.0071	7.116	.0022	<.0000	<.0000	.0446
#2	.0335	.0129	7.132	<.0000	.0434	.0637	.1805
#3	.0326	.0071	7.216	<.0000	.0246	.0404	<.0000
#4	.0318	.0071	7.091	<.0000	.0293	<.0000	.1805

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8992	.1401	.0001	.0024
SDev	.0071	.1134	.0019	.0005
%RSD	.7851	80.97	1584.	20.82

#1	.9006	.1116	<.0000	.0021
#2	.9006	.1116	.0005	.0031
#3	.8894	.0356	.0005	.0021
#4	.9062	.3015	.0020	.0021

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Method: IECW Sample Name: 1693

Operator: it

Run Time: 03/04/02 12:53:42

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0086	<.0000	.0058	.0127	<.0000	6.330
SDev	.0017	.0127	.0750	.0010	.0004	.0000	.038
%RSD	87.50	148.9	124.5	16.76	3.455	.0000	.5933

#1	<.0000	<.0000	<.0000	.0047	.0129	<.0000	6.315
#2	<.0000	<.0000	.0372	.0062	.0120	<.0000	6.353
#3	<.0000	.0121	<.0000	.0069	.0129	<.0000	6.368
#4	<.0000	.0250	<.0000	.0054	.0129	<.0000	6.285

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0005	.0007	.0056	.0531	<.0000	1.364
SDev	.0006	.0018	.0011	.0014	.0008	.3694	.010
%RSD	30.89	323.3	158.4	25.29	1.610	42.09	.7559

#1	<.0000	<.0000	.0011	.0046	.0535	<.0000	1.356
#2	<.0000	<.0000	.0021	.0046	.0518	<.0000	1.376
#3	<.0000	.0015	.0001	.0056	.0535	<.0000	1.370
#4	<.0000	.0026	<.0000	.0076	.0535	<.0000	1.356

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0254	.0086	7.426	<.0000	.0223	<.0000	<.0000
SDev	.0011	.0029	.032	.0047	.0118	.0398	.0679
%RSD	4.286	33.76	.4298	127.5	52.99	15350.	118.4

#1	.0250	.0071	7.386	.0008	.0246	<.0000	<.0000
#2	.0259	.0129	7.433	<.0000	.0059	.0405	<.0000
#3	.0267	.0071	7.422	<.0000	.0340	.0172	<.0000
#4	.0242	.0071	7.463	<.0000	.0246	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9048	.1306	<.0000	.0021
SDev	.0154	.1899	.0011	.0008
%RSD	1.703	145.4	252.3	38.02

#1	.8950	.1876	.0005	.0031
#2	.9230	<.0000	<.0000	.0021
#3	.9118	.1116	<.0000	.0011
#4	.8894	.3394	.0005	.0021

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Method: IECW Sample Name: 1732

Operator: it

Run Time: 03/04/02 12:57:58

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0212	.0158	.0289	<.0000	24.71
SDev	.0007	.0050	.0649	.0011	.0009	.0001	.14
%RSD	29.89	67.89	306.0	7.202	2.985	40.00	.5662

#1	<.0000	<.0000	<.0000	.0168	.0276	<.0000	24.53
#2	<.0000	<.0000	.0480	.0168	.0293	<.0000	24.76
#3	<.0000	<.0000	.0403	.0153	.0293	<.0000	24.70
#4	<.0000	<.0000	.0707	.0145	.0293	<.0000	24.86

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	.0039	<.0000	.0567	.5169	8.278
SDev	.0013	.0015	.0015	.0015	.0034	.2215	.028
%RSD	312.7	5650.	36.98	131.7	5.979	42.86	.3364

#1	<.0000	<.0000	.0031	<.0000	.0550	.5462	8.252
#2	<.0000	.0021	.0030	.0001	.0550	.3511	8.273
#3	.0024	<.0000	.0036	<.0000	.0550	.3511	8.269
#4	<.0000	<.0000	.0061	.0001	.0618	.8193	8.318

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0828	.0067	27.88	<.0000	.0070	.0103	.0640
SDev	.0014	.0000	.13	.0062	.0267	.0223	.0943
%RSD	1.664	.0608	.4724	1038.	378.8	215.3	147.4

#1	.0828	.0067	27.78	<.0000	<.0000	<.0000	.0414
#2	.0828	.0067	27.76	<.0000	.0106	<.0000	.1773
#3	.0811	.0067	27.95	<.0000	.0246	.0394	.0867
#4	.0845	.0067	28.03	.0079	.0246	.0161	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.451	.2999	.0004	<.0000
SDev	.025	.1365	.0013	.0008
%RSD	1.712	45.51	345.2	424.4

#1	1.470	.3285	.0017	<.0000
#2	1.459	.1765	.0002	<.0000
#3	1.414	.4803	<.0000	<.0000
#4	1.459	.2144	.0009	.0008

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Method: IECW Sample Name: 1733

Operator: it

Run Time: 03/04/02 13:00:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0066	<.0000	.0045	.0127	<.0000	6.376
SDev	.0015	.0114	.0315	.0016	.0004	.0001	.039
%RSD	88.11	172.2	640.6	34.61	3.450	28.57	.6142

#1	<.0000	.0121	.0294	.0062	.0120	<.0000	6.392
#2	.0000	<.0000	.0142	.0047	.0129	<.0000	6.423
#3	<.0000	<.0000	<.0000	.0024	.0129	<.0000	6.341
#4	<.0000	.0199	<.0000	.0047	.0129	<.0000	6.346

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0009	<.0000	.0263	<.0000	1.419
SDev	.0009	.0027	.0015	.0014	.0044	.2909	.019
%RSD	76.21	342.5	155.5	347.5	16.74	34.28	1.318

#1	<.0000	<.0000	.0026	<.0000	.0212	<.0000	1.404
#2	<.0000	<.0000	.0011	<.0000	.0280	<.0000	1.445
#3	<.0000	<.0000	.0011	<.0000	.0314	<.0000	1.407
#4	<.0000	.0022	<.0000	.0016	.0246	<.0000	1.418

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0238	.0042	4.874	<.0000	.0106	<.0000	.0333
SDev	.0005	.0058	.053	.0078	.0138	.0397	.1133
%RSD	2.058	136.5	1.091	106.6	130.9	15880.	340.6

#1	.0242	.0071	4.918	<.0000	.0106	.0405	.1805
#2	.0233	.0071	4.922	.0022	.0246	<.0000	.0446
#3	.0233	.0071	4.831	<.0000	<.0000	.0172	<.0000
#4	.0242	<.0000	4.825	<.0000	.0152	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6485	.1115	.0005	.0009
SDev	.0194	.0620	.0000	.0009
%RSD	2.989	55.58	.2715	106.4

#1	.6317	.0356	.0005	.0021
#2	.6652	.1875	.0005	.0001
#3	.6653	.1116	.0005	.0011
#4	.6317	.1115	.0005	.0001

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Method: IECW Sample Name: 1734

Operator: it

Run Time: 03/04/02 13:04:03

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0048	.0049	.0129	<.0000	6.281
SDev	.0018	.0089	.0880	.0019	.0000	.0000	.018
%RSD	64.18	107.4	1823.	38.62	.0099	.0000	.2896

#1	<.0000	<.0000	<.0000	.0024	.0129	<.0000	6.262
#2	<.0000	<.0000	<.0000	.0047	.0129	<.0000	6.299
#3	<.0000	<.0000	.1061	.0054	.0129	<.0000	6.294
#4	<.0000	.0018	.0448	.0070	.0129	<.0000	6.269

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0011	<.0000	.0271	<.0000	1.401
SDev	.0018	.0012	.0022	.0014	.0029	.1812	.008
%RSD	112.4	198.5	203.6	100.7	10.87	16.74	.6017

#1	<.0000	.0003	.0001	<.0000	.0263	<.0000	1.411
#2	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.390
#3	<.0000	<.0000	.0011	<.0000	.0263	<.0000	1.401
#4	.0001	.0003	.0042	<.0000	.0246	<.0000	1.401

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0252	.0014	4.730	<.0000	.0094	.0172	.0560
SDev	.0004	.0067	.040	.0028	.0193	.0329	.0434
%RSD	1.674	491.9	.8536	58.43	205.7	190.7	77.52

#1	.0259	<.0000	4.675	<.0000	.0340	<.0000	.0899
#2	.0250	.0071	4.745	<.0000	.0059	<.0000	.0899
#3	.0250	<.0000	4.732	<.0000	.0106	.0173	.0447
#4	.0250	.0071	4.770	<.0000	<.0000	.0637	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.6527	.0736	<.0000	.0009
SDev	.0173	.2299	.0007	.0012
%RSD	2.656	312.4	1063.	139.4

#1	.6541	.3394	<.0000	<.0000
#2	.6429	.1875	<.0000	.0011
#3	.6373	<.0000	.0005	.0011
#4	.6765	<.0000	.0005	.0021

Analysis Report

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Method: IECW Sample Name: ipc

Operator: it

Run Time: 03/04/02 13:06:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4911	1.012	<.0000	.9804	.9937	.9809	1.004
SDev	.0033	.007	.0814	.0068	.0029	.0043	.004
%RSD	.6750	.7257	366.3	.6979	.2914	.4413	.4030

#1	.4873	1.007	<.0000	.9714	.9916	.9774	.9999
#2	.4952	1.022	.0234	.9865	.9977	.9872	1.009
#3	.4901	1.007	<.0000	.9850	.9916	.9793	1.001
#4	.4918	1.011	.0617	.9789	.9942	.9797	1.004

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9955	.9919	.9841	.9652	1.010	<.0000	.9582
SDev	.0049	.0071	.0055	.0039	.005	.2558	.0165
%RSD	.4965	.7157	.5578	.4082	.5241	24.75	1.718

#1	.9892	.9842	.9821	.9620	1.006	<.0000	.9505
#2	1.001	1.001	.9923	.9699	1.018	<.0000	.9573
#3	.9952	.9905	.9810	.9620	1.009	<.0000	.9436
#4	.9965	.9916	.9810	.9669	1.007	<.0000	.9814

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9911	.9700	1.005	.9955	1.008	.9213	<.0000
SDev	.0048	.0119	.016	.0128	.015	.0000	.0784
%RSD	.4824	1.228	1.593	1.288	1.537	.0026	282.1

#1	.9877	.9773	.9966	.9771	.9909	.9213	<.0000
#2	.9979	.9830	1.028	1.007	1.028	.9213	.0401
#3	.9877	.9599	.9988	.9977	1.005	.9213	<.0000
#4	.9911	.9599	.9943	1.001	1.010	.9213	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.9979	1.040	.9772	.9955
SDev	.0140	.190	.0054	.0019
%RSD	1.403	18.25	.5548	.1889

#1	.9798	1.021	.9738	.9970
#2	.9965	1.249	.9852	.9970
#3	1.013	1.097	.9738	.9931
#4	1.002	.7934	.9761	.9950

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Method: IECW Sample Name: cb

Operator: it

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Comment:

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Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0028	<.0000	.0004	<.0000
SDev	.0016	.0095	.0666	.0017	.0004	.0001	.0013
%RSD	75.43	75.56	159.2	61.60	201.2	29.61	21.92

#1	<.0000	.0013	.0534	.0013	.0004	.0006	<.0000
#2	<.0000	<.0000	<.0000	.0043	<.0000	.0004	<.0000
#3	<.0000	<.0000	<.0000	.0043	<.0000	.0004	<.0000
#4	<.0000	<.0000	<.0000	.0013	<.0000	.0003	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	<.0000	.0001	.0015	<.0000	<.0000	<.0000
SDev	.0015	.0026	.0015	.0013	.0026	.3583	.0033
%RSD	919.3	364.8	1130.	83.86	608.3	20.64	20.15

#1	.0015	.0015	.0009	.0017	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0027	<.0000	<.0000	<.0000
#3	.0015	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0015	.0019	.0017	.0034	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0006	.0275	<.0000	<.0000	.0305	.0349	.1586
SDev	.0000	.0100	.0206	.0022	.0177	.0349	.0867
%RSD	.0612	36.44	66.14	60.06	58.06	99.83	54.70

#1	.0006	.0419	<.0000	<.0000	.0481	.0640	.0906
#2	.0006	.0246	<.0000	<.0000	.0340	.0175	.0907
#3	.0006	.0246	<.0000	<.0000	.0340	<.0000	.1813
#4	.0006	.0188	<.0000	<.0000	.0059	.0640	.2718

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0855	<.0000	.0000
SDev	.0106	.0570	.0000	.0019
%RSD	13.07	66.64	.2915	137300.

#1	<.0000	.1139	<.0000	.0012
#2	<.0000	.0380	<.0000	<.0000
#3	<.0000	.1520	<.0000	.0012
#4	<.0000	.0380	<.0000	.0002

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Method: IECW Sample Name: 1796

Operator: it

Run Time: 03/04/02 13:11:55

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0069	.0129	<.0000	6.322
SDev	.0010	.0056	.0977	.0028	.0000	.0001	.046
%RSD	78.38	182.9	2046.	40.64	.0354	66.67	.7310

#1	<.0000	.0044	<.0000	.0107	.0129	<.0000	6.269
#2	<.0000	<.0000	.1212	.0062	.0129	<.0000	6.381
#3	.0000	<.0000	<.0000	.0069	.0129	.0000	6.315
#4	<.0000	<.0000	.0143	.0039	.0129	<.0000	6.323

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0001	.0331	<.0000	1.386
SDev	.0011	.0008	.0009	.0013	.0044	.3595	.012
%RSD	490.9	123.6	1436.	1368.	13.28	33.21	.8442

#1	.0001	<.0000	.0011	.0016	.0280	<.0000	1.376
#2	.0001	<.0000	.0001	<.0000	.0348	<.0000	1.401
#3	.0008	.0003	<.0000	<.0000	.0382	<.0000	1.376
#4	<.0000	<.0000	<.0000	.0006	.0314	<.0000	1.390

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0284	.0144	8.127	<.0000	.0106	.0347	.0786
SDev	.0007	.0055	.045	.0065	.0163	.0116	.1710
%RSD	2.432	38.55	.5485	67.81	154.0	33.52	217.6

#1	.0293	.0071	8.074	<.0000	.0340	.0405	<.0000
#2	.0284	.0129	8.144	<.0000	.0059	.0172	<.0000
#3	.0284	.0187	8.178	<.0000	.0059	.0405	.3164
#4	.0276	.0187	8.112	<.0000	<.0000	.0405	.0899

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8613	.1496	.0005	<.0000
SDev	.0112	.1781	.0014	.0009
%RSD	1.299	119.1	276.8	972.8

#1	.8446	.3395	<.0000	<.0000
#2	.8669	.2255	.0020	.0001
#3	.8670	<.0000	.0013	<.0000
#4	.8669	.1116	<.0000	.0011

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Method: IECW Sample Name: 1796
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 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0076	<.0000	.0051	.0131	<.0000	6.352
SDev	.0011	.0123	.0912	.0004	.0004	.0001	.033
%RSD	78.83	161.5	726.5	8.595	3.342	40.00	.5225

#1	.0000	<.0000	<.0000	.0054	.0129	<.0000	6.332
#2	<.0000	<.0000	<.0000	.0047	.0129	<.0000	6.395
#3	<.0000	.0212	<.0000	.0054	.0138	<.0000	6.320
#4	<.0000	.0147	.1209	.0047	.0129	<.0000	6.359

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0004	<.0000	.0318	<.0000	1.401
SDev	.0014	.0016	.0008	.0010	.0016	.1885	.004
%RSD	56.05	111.9	173.1	612.1	5.126	20.13	.2836

#1	<.0000	<.0000	<.0000	.0006	.0314	<.0000	1.397
#2	<.0000	<.0000	.0011	<.0000	.0331	<.0000	1.397
#3	<.0000	<.0000	.0011	<.0000	.0331	<.0000	1.404
#4	<.0000	.0003	.0001	.0006	.0297	<.0000	1.404

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0282	.0013	8.142	<.0000	.0094	.0346	.0899
SDev	.0008	.0067	.024	.0053	.0135	.0398	.0640
%RSD	2.870	495.6	.3005	54.87	143.7	114.7	71.25

#1	.0276	<.0000	8.137	<.0000	<.0000	.0172	.0899
#2	.0284	.0071	8.158	<.0000	.0106	.0870	.0446
#3	.0276	.0071	8.110	<.0000	.0246	<.0000	.1804
#4	.0292	<.0000	8.165	<.0000	.0105	.0404	.0446

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8809	.0166	<.0000	.0016
SDev	.0107	.1005	.0009	.0010
%RSD	1.218	604.7	338.3	60.64

#1	.8781	<.0000	.0005	.0031
#2	.8893	.0356	<.0000	.0011
#3	.8669	<.0000	.0005	.0011
#4	.8893	.1495	<.0000	.0011

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Method: IECW Sample Name: 1796dup

Operator: it

Run Time: 03/04/02 13:17:16

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0050	.0333	.0056	.0129	<.0000	6.361
SDev	.0011	.0133	.0416	.0007	.0000	.0001	.020
%RSD	68.27	265.0	125.0	12.75	.0129	38.49	.3185

#1	.0000	<.0000	.0295	.0062	.0129	<.0000	6.353
#2	<.0000	<.0000	.0220	.0062	.0129	<.0000	6.385
#3	<.0000	.0225	<.0000	.0054	.0129	<.0000	6.368
#4	<.0000	.0069	.0905	.0047	.0129	<.0000	6.337

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0284	<.0000	1.395
SDev	.0007	.0014	.0017	.0010	.0049	.0552	.018
%RSD	73.97	239.2	2552.	110.4	17.23	4.159	1.264

#1	<.0000	.0015	.0001	<.0000	.0297	<.0000	1.401
#2	.0001	<.0000	<.0000	<.0000	.0348	<.0000	1.370
#3	<.0000	<.0000	.0011	<.0000	.0246	<.0000	1.411
#4	<.0000	<.0000	.0011	.0006	.0246	<.0000	1.397

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0286	.0057	8.146	<.0000	.0317	.0405	<.0000
SDev	.0008	.0073	.034	.0091	.0156	.0425	.0453
%RSD	2.830	127.9	.4171	356.3	49.14	105.0	193.9

#1	.0292	<.0000	8.137	<.0000	.0434	.0172	<.0000
#2	.0292	.0071	8.110	.0052	.0293	.0870	<.0000
#3	.0276	.0129	8.192	<.0000	.0434	<.0000	<.0000
#4	.0284	.0071	8.146	.0052	.0106	.0637	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.0655	.1306	<.0000	<.0000
SDev	.0148	.0727	.0008	.0005
%RSD	1.705	55.68	119.0	83.50

#1	.8725	.1875	.0005	<.0000
#2	.8782	.0357	<.0000	<.0000
#3	.8445	.1115	<.0000	<.0000
#4	.8669	.1875	<.0000	.0001

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Method: IECW Sample Name: 179espk

Operator: it

Run Time: 03/04/02 13:32:32

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1950	B_2496	Ba4934	Be3130	Ca3179
Avg	.0117	.2587	.2377	.2687	.2668	.0496	6.277
SDev	.0014	.0117	.0307	.0012	.0016	.0004	.033
%RSD	11.57	4.536	12.92	.4601	.6186	.7570	.5207
#1	.0131	.2707	.2700	.2687	.2679	.0499	6.294
#2	.0102	.2474	.2550	.2687	.2679	.0498	6.300
#3	.0108	.2668	.2243	.2702	.2644	.0491	6.229
#4	.0125	.2500	.2016	.2672	.2671	.0495	6.287

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.1029	.1057	.2533	.2509	.2902	.0000	1.368
SDev	.0029	.0014	.0023	.0019	.0057	.1121	.017
%RSD	2.817	1.354	.9198	.7529	1.975	6.798	1.257
#1	.1014	.1072	.2554	.2511	.2936	<.0000	1.349
#2	.1034	.1059	.2528	.2521	.2936	<.0000	1.363
#3	.1067	.1038	.2502	.2481	.2817	<.0000	1.370
#4	.1001	.1061	.2548	.2521	.2919	<.0000	1.390

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.2841	.0994	8.045	.2573	.2486	.2258	.2699
SDev	.0016	.0000	.022	.0087	.0181	.0329	.0979
%RSD	.5697	.0059	.2788	3.373	7.291	14.58	36.26
#1	.2853	.0994	8.083	.2573	.2498	.2490	.2699
#2	.2853	.0994	8.071	.2544	.2310	.2258	.2246
#3	.2820	.0994	8.022	.2485	.2404	.1792	.1793
#4	.2836	.0994	8.056	.2691	.2732	.2490	.4058

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	1.038	.3673	.0990	.2584
SDev	.011	.2468	.0004	.0016
%RSD	1.036	67.20	.3825	.6209
#1	1.046	.1489	.0992	.2565
#2	1.046	.2629	.0992	.2604
#3	1.035	.3388	.0984	.2584
#4	1.024	.7185	.0992	.2584

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Method: IECW Sample Name: 1797

Operator: it

Run Time: 03/04/02 13:35:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0008	<.0000	.0060	.0133	<.0000	6.310
SDev	.0010	.0103	.0367	.0027	.0009	.0001	.045
%RSD	46.41	1284.	123.7	45.16	6.524	66.67	.7097

#1	<.0000	<.0000	.0144	.0039	.0129	<.0000	6.259
#2	<.0000	.0069	<.0000	.0047	.0146	.0000	6.351
#3	<.0000	<.0000	<.0000	.0054	.0129	<.0000	6.343
#4	<.0000	.0121	<.0000	.0100	.0129	<.0000	6.286

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0284	<.0000	1.395
SDev	.0023	.0024	.0022	.0010	.0043	.2784	.018
%RSD	252.3	140.8	1162.	110.4	14.96	18.90	1.296

#1	<.0000	<.0000	<.0000	<.0000	.0280	<.0000	1.411
#2	.0014	.0018	<.0000	.0006	.0331	<.0000	1.411
#3	<.0000	<.0000	<.0000	<.0000	.0297	<.0000	1.383
#4	.0001	<.0000	.0031	<.0000	.0229	<.0000	1.376

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0286	.0115	7.619	<.0000	.0188	.0114	<.0000
SDev	.0008	.0055	.030	.0033	.0177	.0516	.0570
%RSD	2.830	48.31	.3993	301.4	94.40	452.4	473.9

#1	.0292	.0129	7.586	<.0000	.0434	.0405	<.0000
#2	.0276	.0071	7.622	<.0000	.0059	.0637	.0446
#3	.0292	.0187	7.658	.0008	.0059	<.0000	<.0000
#4	.0284	.0071	7.608	.0022	.0199	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8403	.0641	<.0000	.0001
SDev	.0154	.1046	.0008	.0011
%RSD	1.831	163.1	119.0	760.8

#1	.8501	<.0000	.0005	<.0000
#2	.8557	.1875	<.0000	.0011
#3	.8334	<.0000	<.0000	<.0000
#4	.8222	.1116	<.0000	.0011

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Method: IECW Sample Name: 1798

Operator: it

Run Time: 03/04/02 13:39:38

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0068	.0131	<.0000	6.424
SDev	.0017	.0062	.0756	.0025	.0004	.0001	.022
%RSD	100.4	57.03	725.4	36.89	3.334	40.00	.3498

#1	<.0000	<.0000	.0372	.0100	.0129	<.0000	6.405
#2	.0006	<.0000	.0143	.0039	.0129	<.0000	6.457
#3	<.0000	<.0000	<.0000	.0062	.0138	<.0000	6.416
#4	<.0000	<.0000	.0297	.0069	.0129	<.0000	6.417

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0006	<.0000	<.0000	.0051	.0275	<.0000	1.436
SDev	.0015	.0006	.0011	.0010	.0021	.2193	.008
%RSD	248.1	88.47	308.0	19.65	7.777	14.69	.5310

#1	.0001	<.0000	<.0000	.0066	.0280	<.0000	1.425
#2	.0021	<.0000	.0011	.0046	.0297	<.0000	1.442
#3	<.0000	<.0000	<.0000	.0046	.0280	<.0000	1.438
#4	.0014	<.0000	<.0000	.0046	.0246	<.0000	1.438

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0288	.0042	7.072	<.0000	<.0000	<.0000	.0446
SDev	.0008	.0058	.037	.0025	.0205	.0397	.0370
%RSD	2.933	136.1	.5244	137.3	1744.	19520.	82.85

#1	.0292	.0071	7.043	<.0000	<.0000	<.0000	.0446
#2	.0292	.0071	7.122	<.0000	<.0000	<.0000	.0899
#3	.0276	.0071	7.077	<.0000	.0293	.0173	<.0000
#4	.0292	<.0000	7.045	.0007	<.0000	.0405	.0446

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.8599	.1875	<.0000	.0016
SDev	.0084	.1278	.0010	.0013
%RSD	.9762	68.19	79.00	78.21

#1	.8557	.1495	<.0000	.0031
#2	.8724	.3394	<.0000	.0011
#3	.8557	.0356	<.0000	.0021
#4	.8557	.2255	<.0000	.0001

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Method: IECW Sample Name: 1799

Operator: it

Run Time: 03/04/02 13:42:30

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0068	<.0000	.0076	.0134	<.0000	7.592
SDev	.0019	.0146	.0507	.0006	.0004	.0001	.063
%RSD	198.5	216.3	128.2	8.131	3.214	40.00	.8324

#1	<.0000	<.0000	<.0000	.0076	.0136	<.0000	7.613
#2	<.0000	<.0000	.0293	.0083	.0128	<.0000	7.518
#3	.0017	.0274	<.0000	.0076	.0136	<.0000	7.666
#4	<.0000	.0068	<.0000	.0068	.0136	<.0000	7.569

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	.0021	.0031	.0452	<.0000	1.840
SDev	.0007	.0009	.0018	.0017	.0009	.3239	.031
%RSD	163.2	236.2	82.13	56.55	1.904	30.46	1.681

#1	.0014	<.0000	<.0000	.0016	.0448	<.0000	1.816
#2	.0001	.0001	.0039	.0016	.0465	<.0000	1.817
#3	.0001	.0003	.0029	.0046	.0447	<.0000	1.882
#4	.0001	<.0000	.0019	.0046	.0448	<.0000	1.844

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0347	.0042	8.892	<.0000	.0082	.0171	.0783
SDev	.0005	.0058	.058	.0040	.0267	.0190	.0774
%RSD	1.409	137.4	.6505	105.6	325.2	110.8	98.84

#1	.0343	.0071	8.913	<.0000	<.0000	.0172	.0897
#2	.0351	.0071	8.807	<.0000	<.0000	<.0000	.1803
#3	.0343	.0071	8.934	<.0000	.0199	.0171	<.0000
#4	.0351	<.0000	8.916	<.0000	.0387	.0404	.0443

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9095	.0254	<.0000	.0011
SDev	.0201	.1091	.0011	.0008
%RSD	2.207	429.6	1240.	72.29

#1	.8998	.1489	<.0000	.0011
#2	.8942	<.0000	<.0000	.0001
#3	.9388	.0348	.0012	.0021
#4	.9053	.0349	.0005	.0011

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Method: IECW Sample Name: 1800

Operator: it

Run Time: 03/04/02 13:46:24

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0021	<.0000	.0052	.0127	<.0000	6.379
SDev	.0010	.0080	.0251	.0011	.0004	.0001	.015
%RSD	26.93	382.9	175.1	21.50	3.434	38.49	.2417

#1	<.0000	<.0000	<.0000	.0039	.0120	<.0000	6.374
#2	<.0000	.0018	.0142	.0062	.0129	<.0000	6.373
#3	<.0000	<.0000	<.0000	.0062	.0129	<.0000	6.368
#4	<.0000	.0134	<.0000	.0047	.0129	<.0000	6.402

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0003	.0036	.0373	<.0000	1.360
SDev	.0012	.0012	.0032	.0011	.0029	.3064	.024
%RSD	214.4	81.84	960.0	32.12	7.880	20.94	1.768

#1	<.0000	<.0000	<.0000	.0026	.0348	<.0000	1.328
#2	<.0000	<.0000	.0016	.0046	.0399	<.0000	1.363
#3	.0008	<.0000	<.0000	.0026	.0348	<.0000	1.363
#4	.0001	<.0000	.0042	.0046	.0399	<.0000	1.387

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0385	.0042	8.345	<.0000	.0176	<.0000	<.0000
SDev	.0007	.0058	.039	.0027	.0090	.0570	.0641
%RSD	1.786	136.2	.4695	380.4	51.08	942.2	139.3

#1	.0377	<.0000	8.403	.0008	.0059	<.0000	<.0000
#2	.0385	.0071	8.319	.0022	.0246	.0172	<.0000
#3	.0385	.0071	8.324	<.0000	.0246	.0638	<.0000
#4	.0394	.0071	8.335	<.0000	.0152	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8544	.1591	<.0000	.0004
SDev	.0185	.1254	.0006	.0025
%RSD	2.168	78.84	60.83	623.9

#1	.8671	<.0000	<.0000	<.0000
#2	.8726	.1496	<.0000	<.0000
#3	.8334	.1876	<.0000	.0041
#4	.8445	.3014	<.0000	<.0000

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Method: IECW Sample Name: 1801

Operator: it

Run Time: 03/04/02 13:49:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0485	.0072	.0145	<.0000	7.423
SDev	.0008	.0116	.0579	.0019	.0000	.0001	.037
%RSD	23.73	66.58	119.4	26.28	.0291	22.22	.4995

#1	<.0000	<.0000	.0521	.0068	.0145	<.0000	7.468
#2	<.0000	<.0000	.1059	.0053	.0145	<.0000	7.397
#3	<.0000	<.0000	.0676	.0099	.0145	<.0000	7.388
#4	<.0000	<.0000	<.0000	.0068	.0145	<.0000	7.438

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0041	.0375	<.0000	1.853
SDev	.0017	.0024	.0022	.0006	.0029	.1333	.018
%RSD	105.5	314.8	1220.	14.23	7.765	7.676	.9761

#1	<.0000	.0022	.0019	.0036	.0345	<.0000	1.878
#2	.0001	<.0000	<.0000	.0046	.0414	<.0000	1.844
#3	<.0000	<.0000	<.0000	.0046	.0380	<.0000	1.837
#4	<.0000	<.0000	.0014	.0036	.0363	<.0000	1.851

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0301	<.0000	7.882	<.0000	.0141	.0288	.0331
SDev	.0007	.0058	.048	.0083	.0059	.0300	.1133
%RSD	2.293	370.8	.6078	992.0	41.92	104.1	342.2

#1	.0309	<.0000	7.946	.0051	.0199	.0404	<.0000
#2	.0292	<.0000	7.855	<.0000	.0059	.0172	.1804
#3	.0301	.0071	7.837	<.0000	.0153	.0637	<.0000
#4	.0301	<.0000	7.889	.0065	.0153	<.0000	.0445

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.071	<.0000	<.0000	.0006
SDev	.012	.1471	.0009	.0017
%RSD	1.086	666.8	48.73	274.7

#1	1.084	<.0000	<.0000	.0001
#2	1.068	<.0000	<.0000	<.0000
#3	1.057	.1868	<.0000	.0001
#4	1.073	<.0000	<.0000	.0031

Analysis Report

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page 1

Method: IECW Sample Name: 1802

Operator: it

Run time: 03/04/02 13:51:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0056	.0122	<.0000	6.550
SDev	.0018	.0073	.0755	.0017	.0004	.0001	.014
%RSD	53.28	40.46	194.2	29.57	3.558	28.57	.2185

#1	<.0000	<.0000	.0375	.0077	.0129	<.0000	6.565
#2	<.0000	<.0000	.0144	.0047	.0120	<.0000	6.530
#3	<.0000	<.0000	<.0000	.0062	.0120	<.0000	6.551
#4	<.0000	<.0000	<.0000	.0039	.0120	<.0000	6.551

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	<.0000	.0009	.0023	.0246	<.0000	1.324
SDev	.0019	.0016	.0016	.0013	.0000	.3348	.017
%RSD	151.0	109.1	185.7	53.75	.0237	18.86	1.297

#1	.0008	<.0000	.0016	.0036	.0246	<.0000	1.349
#2	.0001	<.0000	.0011	.0026	.0246	<.0000	1.321
#3	.0041	.0007	.0021	.0026	.0246	<.0000	1.311
#4	.0001	<.0000	<.0000	.0006	.0246	<.0000	1.315

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0229	.0071	7.444	<.0000	.0000	.0115	.1240
SDev	.0005	.0000	.034	.0082	.0140	.0516	.1004
%RSD	2.132	.0577	.4542	454.0	473400.	449.9	81.02

#1	.0225	.0071	7.413	<.0000	.0153	.0406	.0900
#2	.0233	.0071	7.456	.0096	.0059	<.0000	.0447
#3	.0233	.0071	7.420	<.0000	<.0000	.0638	.2712
#4	.0225	.0072	7.486	<.0000	<.0000	<.0000	.0900

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8475	.0452	<.0000	<.0000
SDev	.0117	.0998	.0009	.0019
%RSD	1.375	220.7	49.42	1942.

#1	.8502	.1876	<.0000	.0011
#2	.8447	<.0000	<.0000	.0011
#3	.8335	<.0000	<.0000	.0001
#4	.8615	.0358	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 2090

Operator: it

Run Time: 03/04/02 13:54:27

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0346	.0182	.0291	<.0000	24.86
SDev	.0028	.0150	.0542	.0011	.0004	.0001	.05
%RSD	126.5	113.8	156.7	5.836	1.522	100.7	.2185
#1	<.0000	<.0000	.0253	.0167	.0284	<.0000	24.94
#2	<.0000	<.0000	.1091	.0183	.0293	<.0000	24.82
#3	<.0000	<.0000	.0250	.0190	.0293	<.0000	24.84
#4	.0009	.0056	<.0000	.0190	.0293	.0000	24.85
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	<.0000	.0017	<.0000	.0528	<.0000	8.360
SDev	.0011	.0019	.0013	.0016	.0035	.7528	.028
%RSD	99.86	237.9	75.43	86.37	6.654	1286.	.3365
#1	.0024	<.0000	.0004	<.0000	.0498	<.0000	8.400
#2	.0011	.0002	.0015	<.0000	.0498	.0390	8.335
#3	<.0000	<.0000	.0015	<.0000	.0549	<.0000	8.352
#4	.0011	.0014	.0035	.0001	.0566	.8583	8.352
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0790	.0067	28.07	.0023	<.0000	<.0000	.1886
SDev	.0005	.0000	.09	.0052	.0234	.0116	.0774
%RSD	.6177	.1194	.3043	220.9	1278000.	905.0	41.02
#1	.0786	.0067	28.15	.0079	<.0000	<.0000	.0867
#2	.0786	.0067	28.08	.0005	<.0000	<.0000	.2679
#3	.0795	.0067	28.08	<.0000	<.0000	<.0000	.1772
#4	.0795	.0067	27.95	.0049	.0340	.0161	.2225
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.411	.3473	<.0000	.0003			
SDev	.016	.1684	.0027	.0013			
%RSD	1.148	48.49	231.9	422.6			
#1	1.397	.4042	<.0000	.0018			
#2	1.425	.1005	<.0000	<.0000			
#3	1.397	.4043	.0002	<.0000			
#4	1.425	.4802	.0017	.0008			

Analysis Report

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page 1

Method: IECW Sample Name: 2092

Operator: it

Run Time: 03/04/02 13:56:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0122	<.0000	6.451
SDev	.0018	.0096	.0267	.0022	.0004	.0001	.020
%RSD	47.92	125.8	44.47	66.79	3.582	28.57	.3167

#1	<.0000	<.0000	<.0000	.0039	.0120	<.0000	6.462
#2	<.0000	.0005	<.0000	.0002	.0129	<.0000	6.421
#3	<.0000	<.0000	<.0000	.0039	.0120	<.0000	6.456
#4	<.0000	<.0000	<.0000	.0054	.0120	<.0000	6.465

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0292	<.0000	1.391
SDev	.0016	.0013	.0015	.0022	.0029	.4327	.021
%RSD	673.8	153.0	101.9	102.7	9.942	22.87	1.542

#1	.0014	<.0000	<.0000	<.0000	.0331	<.0000	1.404
#2	<.0000	<.0000	<.0000	.0006	.0280	<.0000	1.397
#3	<.0000	<.0000	<.0000	<.0000	.0297	<.0000	1.359
#4	.0008	.0003	.0001	<.0000	.0263	<.0000	1.404

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0214	.0028	4.851	<.0000	.0012	<.0000	.0220
SDev	.0004	.0087	.041	.0051	.0054	.0117	.1359
%RSD	1.976	309.6	.8540	233.2	462.4	98.39	618.1

#1	.0208	<.0000	4.845	<.0000	<.0000	<.0000	.0899
#2	.0216	.0071	4.884	<.0000	.0059	<.0000	.1805
#3	.0216	.0071	4.795	<.0000	.0059	<.0000	<.0000
#4	.0216	.0071	4.881	.0022	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6009	.0641	<.0000	.0004
SDev	.0141	.1736	.0011	.0012
%RSD	2.345	270.8	57.96	313.8

#1	.6205	.1875	<.0000	.0001
#2	.5981	.1116	<.0000	.0001
#3	.5982	<.0000	<.0000	<.0000
#4	.5869	.1495	<.0000	.0021

Analysis Report

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Method: IECW Sample Name: 2093

Run Time: 03/04/02 13:59:19

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0412	.0045	.0127	<.0000	6.334
SDev	.0008	.0066	.0460	.0017	.0004	.0001	.041
%RSD	22.44	43.87	111.7	37.02	3.420	28.57	.6444

#1	<.0000	<.0000	.1060	.0039	.0120	<.0000	6.284
#2	<.0000	<.0000	<.0000	.0024	.0129	<.0000	6.322
#3	<.0000	<.0000	.0373	.0054	.0129	<.0000	6.348
#4	<.0000	<.0000	.0222	.0062	.0129	<.0000	6.381

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	.0002	<.0000	.0263	<.0000	1.395
SDev	.0004	.0007	.0020	.0010	.0020	.3511	.010
%RSD	89.33	34.59	1032.	52.44	7.473	18.95	.7363

#1	.0008	<.0000	<.0000	<.0000	.0280	<.0000	1.397
#2	.0008	<.0000	.0011	<.0000	.0246	<.0000	1.383
#3	.0001	<.0000	.0001	<.0000	.0246	<.0000	1.390
#4	.0001	<.0000	.0021	<.0000	.0280	<.0000	1.407

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0227	.0042	4.791	<.0000	.0153	<.0000	.0560
SDev	.0004	.0058	.034	.0078	.0242	.0232	.0858
%RSD	1.859	136.0	.7169	92.65	158.9	131.8	153.2

#1	.0225	.0071	4.791	<.0000	<.0000	<.0000	.0447
#2	.0225	<.0000	4.838	<.0000	.0059	<.0000	.1806
#3	.0225	.0071	4.759	<.0000	.0246	<.0000	<.0000
#4	.0233	.0071	4.775	<.0000	.0434	<.0000	<.0000

Elem	Si2881	P11908	V_2924	Zn2138
Avge	.6163	.0072	<.0000	<.0000
SDev	.0211	.1216	.0013	.0010
%RSD	3.431	1697.	107.5	288.0

#1	.5925	.1116	<.0000	<.0000
#2	.6093	.1116	.0005	<.0000
#3	.6429	<.0000	<.0000	.0011
#4	.6205	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 03/04/02 14:06:44
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4853	.9794	.0240	.9833	.9822	.9677	.9928
SDev	.0006	.0085	.0473	.0161	.0029	.0029	.0032
%RSD	.1167	.8645	197.4	1.637	.2938	.3015	.3170

#1	.4850	.9694	<.0000	.9654	.9793	.9647	.9900
#2	.4850	.9797	.0316	.9744	.9837	.9683	.9933
#3	.4850	.9901	.0620	.9932	.9854	.9714	.9971
#4	.4861	.9784	.0469	1.000	.9802	.9663	.9909

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9811	.9787	.9737	.9500	1.013	<.0000	.9427
SDev	.0056	.0055	.0037	.0026	.013	.4214	.0081
%RSD	.5722	.5604	.3780	.2713	1.246	20.00	.8619

#1	.9872	.9766	.9744	.9470	1.002	<.0000	.9367
#2	.9839	.9842	.9698	.9490	1.008	<.0000	.9367
#3	.9746	.9819	.9785	.9510	1.031	<.0000	.9436
#4	.9786	.9720	.9723	.9530	1.013	<.0000	.9539

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9761	.9455	1.005	.9866	.9803	.8923	.1535
SDev	.0037	.0138	.027	.0112	.0097	.0516	.2804
%RSD	.3765	1.455	2.728	1.135	.9864	5.781	182.7

#1	.9725	.9368	.9875	.9726	.9674	.8749	.1762
#2	.9768	.9368	1.001	.9933	.9815	.8516	<.0000
#3	.9810	.9426	1.044	.9977	.9909	.8748	.5385
#4	.9742	.9657	.9852	.9830	.9815	.9679	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.118	1.088	.9613	.9827
SDev	.053	.153	.0038	.0046
%RSD	4.721	14.07	.3947	.4721

#1	1.069	1.173	.9571	.9793
#2	1.097	.9074	.9617	.9793
#3	1.114	1.249	.9662	.9891
#4	1.193	1.021	.9602	.9832

Analysis Report

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Method: IECW Sample Name: cb

Operator: it

Run Time: 03/04/02 14:14:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0002	<.0000	.0001	<.0000
SDev	.0022	.0052	.0482	.0029	.0005	.0001	.0016
%RSD	70.22	15.36	52.91	1478.	57.81	127.7	25.79

#1	<.0000	<.0000	<.0000	.0043	<.0000	.0002	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	.0001	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	.0003	<.0000	<.0000	.0009	<.0000	<.0000
SDev	.0007	.0024	.0024	.0013	.0022	.3996	.0118
%RSD	133.0	852.5	187.2	41.95	256.0	13.89	56.94

#1	.0002	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0002	<.0000	.0004	<.0000	.0034	<.0000	<.0000
#3	.0002	<.0000	<.0000	<.0000	.0017	<.0000	<.0000
#4	.0015	.0036	.0009	<.0000	.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0002	.0116	<.0000	<.0000	.0164	.0350	.1700
SDev	.0005	.0055	.0262	.0084	.0181	.0349	.1191
%RSD	229.3	47.81	135.7	189.5	110.3	99.67	70.09

#1	.0006	.0072	<.0000	<.0000	.0059	.0641	.2266
#2	.0006	.0130	<.0000	<.0000	.0059	.0175	.0001
#3	<.0000	.0188	<.0000	<.0000	.0106	<.0000	.2719
#4	<.0000	.0072	.0097	.0026	.0434	.0641	.1813

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	.0007
SDev	.0079	.1438	.0010	.0006
%RSD	7.548	252.7	46.94	76.64

#1	<.0000	.0380	<.0000	.0002
#2	<.0000	<.0000	<.0000	.0012
#3	<.0000	.0381	<.0000	.0002
#4	<.0000	<.0000	<.0000	.0012

Analysis Report

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page 1

Method: IECW Sample Name: lfp

Operator: it

Run Time: 03/04/02 14:46:55

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0086	.2133	.2317	.2499	.2485	.0480	<.0000
SDev	.0005	.0065	.0267	.0019	.0014	.0002	.0014
%RSD	5.354	3.051	11.53	.7563	.5738	.3550	2180.

#1	.0086	.2120	.2183	.2525	.2485	.0480	<.0000
#2	.0092	.2223	.2411	.2495	.2502	.0482	.0020
#3	.0081	.2120	.2031	.2495	.2485	.0480	<.0000
#4	.0086	.2068	.2642	.2480	.2467	.0478	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1001	.1011	.2444	.2458	.2630	<.0000	<.0000
SDev	.0020	.0029	.0006	.0019	.0051	.2653	.0120
%RSD	1.959	2.896	.2423	.7776	1.941	7.216	42.30

#1	.1015	.1036	.2439	.2443	.2673	<.0000	<.0000
#2	.0988	.1032	.2449	.2483	.2673	<.0000	<.0000
#3	.0981	.0973	.2449	.2463	.2605	<.0000	<.0000
#4	.1021	.1003	.2439	.2443	.2571	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2506	.1053	<.0000	.2533	.2451	.2494	.2821
SDev	.0004	.0047	.0208	.0075	.0236	.0503	.0226
%RSD	.1688	4.476	228.4	2.968	9.636	20.16	8.029

#1	.2500	.1053	.0096	.2533	.2498	.2028	.3160
#2	.2508	.1111	.0051	.2636	.2685	.2493	.2707
#3	.2508	.1053	<.0000	.2503	.2498	.2261	.2708
#4	.2508	.0995	<.0000	.2459	.2122	.3192	.2708

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0253	.3697	.0945	.2517
SDev	.0124	.2763	.0007	.0047
%RSD	49.11	74.73	.7698	1.858

#1	.0406	.1133	.0939	.2546
#2	.0294	.1893	.0947	.2566
#3	.0127	.4552	.0954	.2487
#4	.0183	.7210	.0939	.2467

Analysis Report

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page 1

Method: IECW Sample Name: lrb

Operator: it

Run Time: 03/04/02 15:15:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	<.0000
SDev	.0015	.0157	.0649	.0007	.0004	.0000	.0009
%RSD	72.21	55.05	149.2	64.58	66.74	.0000	455.8

#1	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	.0007
#3	.0001	<.0000	<.0000	<.0000	<.0000	.0000	.0002
#4	<.0000	<.0000	.0464	<.0000	<.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0023	.0027	.0012	.0006	.0029	.2305	.0112
%RSD	136.2	105.4	103.2	20.99	69.41	13.99	93.35

#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0017
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	.0002	.0011	<.0000	<.0000	<.0000	<.0000	<.0000
#4	.0002	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0015	.0068	<.0000	<.0000	.0059	<.0000
SDev	.0000	.0067	.0188	.0076	.0197	.0135	.1585
%RSD	.2824	455.7	276.5	346.3	1696.	228.4	1413.

#1	<.0000	.0072	.0119	.0026	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.0051	.0011	<.0000	.0176	<.0000
#3	<.0000	.0072	.0278	.0011	.0246	<.0000	.0453
#4	<.0000	<.0000	<.0000	<.0000	.0012	.0176	.1814

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0190	<.0000	.0002
SDev	.0028	.1096	.0019	.0008
%RSD	5.885	575.7	125.1	323.5

#1	<.0000	.1519	<.0000	.0002
#2	<.0000	.0381	<.0000	.0002
#3	<.0000	<.0000	.0013	<.0000
#4	<.0000	.0001	<.0000	.0012