

WTC
Samples

DATE ANALYZED	<u>11/8/01</u>
TIME ANALYZED	<u>10:12A</u>
ANALYST INITIALS	<u>FT</u>
REVIEWED BY	<u>18</u>

QC Reviewed by
CB 11/27/01

11/8/01				
B116	25939			26079
5571	25940			26080
IPC+CB	25944			26127
LFB+LRB	25945			26128
25264+LAB prep + splk	IPC + CB			26129
25265	LFB+LRB			26130
25377	25873+LAB prep + splk			26325
25791	25874			25525
25792	25946			527
25793	25947			583+LAB prep + splk
25830	25948			25718
25831	25949			25777
25839	26005			25952
25840	26006			25999
IPC+CB	26007			26000
25841+LAB prep + splk	26008			26028
25842	IPC + CB			TPC+CR
25843	26009+LAB prep + splk			
25844	26010			
25845	26011			
25938	26078			

Standardization Rpt.

11/08/01 10:12:09 AM

page 1

Method: IECW Standard: STD1-Blank

Run Time: 11/08/01 10:10:26

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.337	3.923	.7420	.3010	.1400	.1980	3.996
SDev	.003	.012	.0264	.0053	.0000	.0000	.012
%RSD	.1931	.3042	3.556	1.758	.0000	.0000	.3069

#1	1.340	3.940	.7460	.2960	.1400	.1980	3.978
#2	1.334	3.916	.7640	.3080	.1400	.1980	3.996
#3	1.336	3.920	.7540	.3020	.1400	.1980	4.004
#4	1.338	3.914	.7040	.2980	.1400	.1980	4.004

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.3015	2.898	1.036	.6040	.0020	5.276	1.383
SDev	.0019	.018	.003	.0016	.0071	.006	.002
%RSD	.6351	.6052	.2897	.2704	355.9	.1132	.1446

#1	.3040	2.884	1.038	.6040	.0080	5.274	1.384
#2	.3000	2.894	1.034	.6040	-.0080	5.278	1.380
#3	.3000	2.892	1.032	.6020	.0020	5.270	1.384
#4	.3020	2.924	1.038	.6060	.0060	5.284	1.384

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1015	.1780	1.851	.5290	.8880	.1975	.1890
SDev	.0019	.0037	.008	.0076	.0092	.0068	.0048
%RSD	1.887	2.051	.4091	1.431	1.040	3.447	2.519

#1	.1020	.1760	1.856	.5240	.8960	.1920	.1920
#2	.1000	.1820	1.840	.5400	.8800	.2060	.1840
#3	.1040	.1740	1.856	.5240	.8800	.1920	.1940
#4	.1000	.1800	1.852	.5280	.8960	.2000	.1860

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	5.141	.1655	.7110	.1955
SDev	.007	.0077	.0026	.0034
%RSD	.1290	4.667	.3631	1.747

#1	5.132	.1540	.7100	.1940
#2	5.146	.1700	.7080	.1920
#3	5.140	.1680	.7120	.2000
#4	5.146	.1700	.7140	.1960

Standardization Rpt.

11/08/01 10:16:04 AM

page 1

Method: IECW Standard: STD6
Run Time: 11/08/01 10:14:42

11/13/01

Elem Ag3280
Avge 43.12
SDev .12
%RSD .2839

#1 43.08
#2 43.10
#3 43.29
#4 43.00

Standardization Rpt.

11/08/01 10:18:59 AM

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Method: IECW Standard: STD3

Run Time: 11/08/01 10:17:16

11/13/01

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	24.37	222.3	14.90	8.333	11.76	17.82	1.957
SDev	.03	.3	.02	.056	.01	.04	.010
%RSD	.1090	.1147	.1524	.6744	.0914	.2415	.5235

#1	24.37	222.2	14.87	8.250	11.76	17.84	1.962
#2	24.34	222.3	14.89	8.354	11.77	17.76	1.944
#3	24.41	222.7	14.92	8.358	11.75	17.86	1.968
#4	24.37	222.1	14.91	8.372	11.77	17.83	1.956

Elem	Tl1908
Avge	1.832
SDev	.021
%RSD	1.149

#1	1.822
#2	1.808
#3	1.852
#4	1.848

Standardization Rpt.

11/08/01 10:21:18 AM

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Method: IECW Standard: STD4

Run Time: 11/08/01 10:19:56

11/13/01

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	8.482	39.51	48.70	1.452	9.295
SDev	.120	.04	.11	.026	.012
%RSD	1.418	.0914	.2351	1.786	.1271
#1	8.656	39.54	48.57	1.428	9.294
#2	8.428	39.53	48.77	1.440	9.312
#3	8.458	39.46	48.65	1.488	9.284
#4	8.384	39.51	48.82	1.454	9.292

Standardization Rpt.

11/08/01 10:23:22 AM

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Method: IECW Standard: STD2

Run Time: 11/08/01 10:22:00

11/13/01

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	28.40	89.63	40.60	141.6	27.01	10.80	8.005
SDev	.10	.30	.13	.5	.09	.03	.019
%RSD	.3403	.3372	.3119	.3270	.3335	.3127	.2408

#1	28.44	89.83	40.74	141.8	27.03	10.83	8.004
#2	28.26	89.18	40.44	140.9	26.88	10.75	7.980
#3	28.41	89.76	40.56	141.6	27.02	10.80	8.026
#4	28.48	89.74	40.63	142.0	27.10	10.81	8.012

Elem	Mn2576	Pb2203	Zn2138
Avge	31.88	6.511	35.03
SDev	.12	.030	.09
%RSD	.3753	.4608	.2504

#1	31.93	6.508	35.10
#2	31.71	6.472	34.91
#3	31.92	6.520	35.03
#4	31.97	6.544	35.10

Standardization Rpt.

11/08/01 10:27:23 AM

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Method: IECW Standard: STD5
Run Time: 11/08/01 10:26:01

11/13/01

Elem V_2924
Avge 33.04
SDev .11
%RSD .3360

#1 32.96
#2 32.96
#3 33.05
#4 33.19

Analysis Report

11/08/01 10:51:55 AM

page 1

Method: IECW Sample Name: ipc(qcs)

Operator: it

Run Time: 11/08/01 10:47:53

Comment:

11/13/01

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4958 ✓	1.005 ✓	.0107	1.023	1.023 ✓	1.010 ✓	1.048 ✓
SDev	.0014	.012	.0343	.008	.001	.002	.003
%RSD	.2733	1.187	321.6	.7724	.1426	.1849	.2677

#1	.4948	.9936	.0335	1.028	1.022	1.008	1.049
#2	.4948	.9956	.0412	1.014	1.024	1.012	1.051
#3	.4977	1.018	<.0000	1.030	1.025	1.012	1.047
#4	.4958	1.011	.0022	1.019	1.022	1.009	1.045

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.031 ✓	1.032 ✓	1.016 ✓	1.021 ✓	1.031 ✓	<.0000	1.015 ✓
SDev	.002	.002	.005	.003	.002	.2077	.020
%RSD	.2404	.2109	.4486	.2801	.1629	27.41	2.017

#1	1.030	1.029	1.009	1.017	1.029	<.0000	.9921
#2	1.029	1.033	1.018	1.021	1.030	<.0000	1.041
#3	1.034	1.033	1.018	1.023	1.030	<.0000	1.007
#4	1.029	1.033	1.019	1.021	1.033	<.0000	1.019

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.033 ✓	.9509 ✓	1.015 ✓	1.050 ✓	1.042	1.047	<.0000
SDev	.004	.0208	.005	.010	.016	.025	.0206
%RSD	.4069	2.183	.5208	.9933	1.537	2.411	45.77

#1	1.030	.9204	1.016	1.042	1.029	1.067	<.0000
#2	1.039	.9570	1.020	1.045	1.061	1.010	<.0000
#3	1.031	.9594	1.018	1.065	1.029	1.056	<.0000
#4	1.034	.9668	1.008	1.049	1.050	1.056	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7366	1.038	1.011 ✓	1.024 ✓
SDev	.0531	.031	.002	.005
%RSD	7.212	3.003	.2030	.5265

#1	.7471	1.001	1.011	1.020
#2	.8074	1.050	1.011	1.031
#3	.6913	1.026	1.014	1.027
#4	.7006	1.074	1.009	1.020

Analysis Report

11/08/01 10:55:50 AM

page 1

Method: IECW Sample Name: cb
 Run Time: 11/08/01 10:53:08
 Comment:
 Mode: CDNC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0032	<.0000	.0000	<.0000
SDev	.0006	.0019	.0266	.0010	.0004	.0000	.0009
%RSD	14.43	9.010	326.5	32.93	38.59	200.0	17.09

#1	<.0000	<.0000	<.0000	.0043	<.0000	.0000	<.0000
#2	<.0000	<.0000	<.0000	.0033	<.0000	.0000	<.0000
#3	<.0000	<.0000	.0222	.0018	<.0000	.0000	<.0000
#4	<.0000	<.0000	<.0000	.0033	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	<.0000	.0006	.0040	<.0000	<.0000
SDev	.0008	.0015	.0015	.0014	.0023	.3576	.0120
%RSD	227.2	76.88	50.08	255.1	57.58	17.52	78.97

#1	.0015	<.0000	<.0000	.0017	.0074	<.0000	<.0000
#2	.0005	<.0000	<.0000	<.0000	.0020	<.0000	<.0000
#3	.0000	<.0000	<.0000	.0002	.0033	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0017	.0033	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0000	<.0000	<.0000	.0081	.0086	<.0000
SDev	.0006	.0046	.0084	.0058	.0118	.0376	.0657
%RSD	191.9	37750.	15.14	124.9	145.7	437.5	117.9

#1	.0002	.0031	<.0000	<.0000	.0072	.0342	.0160
#2	<.0000	.0006	<.0000	<.0000	.0107	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	.0002	.0031	<.0000	.0015	.0214	.0456	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0128	.0399	.0003	.0014
%RSD	1.865	331.4	11.13	502.4

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0272	<.0000	.0016
#4	<.0000	.0152	<.0000	<.0000

Analysis Report

11/08/01 11:00:26 AM

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Method: IECW Sample Name: lfb
 Run Time: 11/08/01 10:58:32
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0236	.2543 ✓	.2461	.2542	.2549 ✓	.0494	.0305
SDev	.0005	.0042	.0285	.0003	.0010	.0002	.0011
%RSD	1.944	1.661	11.58	.0997	.3927	.3475	3.490
#1	.0239	.2543	.2798	.2545	.2549	.0496	.0313
#2	.0230	.2504	.2177	.2540	.2535	.0492	.0290
#3	.0235	.2601	.2280	.2540	.2556	.0496	.0311
#4	.0239	.2523	.2591	.2540	.2556	.0494	.0308
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790
Avge	.1055 ✓	.1068 ✓	.2519 ✓	.2647	.2562 ✓	.0000	.0029
SDev	.0026	.0014	.0016	.0007	.0032	.1772	.0103
%RSD	2.446	1.288	.6463	.2739	1.231	21.55	351.1
#1	.1032	.1053	.2513	.2653	.2585	<.0000	.0022
#2	.1077	.1060	.2517	.2638	.2519	<.0000	<.0000
#3	.1077	.1077	.2542	.2653	.2559	<.0000	<.0000
#4	.1032	.1082	.2504	.2645	.2585	<.0000	.0173
Elem	Mn2576 ✓	Mo2020	Na5889	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	.2590 ✓	.0877	.1241	.2562 ✓	.2706	.2582	.1582
SDev	.0024	.0076	.0201	.0084	.0143	.0171	.1081
%RSD	.9172	8.618	16.22	3.264	5.299	6.615	68.33
#1	.2607	.0810	.1035	.2640	.2875	.2839	.2858
#2	.2557	.0981	.1216	.2490	.2555	.2497	.0945
#3	.2588	.0883	.1518	.2629	.2768	.2497	.0466
#4	.2607	.0835	.1196	.2490	.2626	.2497	.2061
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138			
Avge	<.0000	.3164	.0988 ✓	.2629			
SDev	.0252	.0355	.0006	.0016			
%RSD	18.74	11.23	.6260	.6013			
#1	<.0000	.3527	.0997	.2639			
#2	<.0000	.2802	.0985	.2622			
#3	<.0000	.2923	.0985	.2645			
#4	<.0000	.3406	.0985	.2610			

Analysis Report

11/08/01 11:02:43 AM

page 1

Method: IECW Sample Name: lrb

Run Time: 11/08/01 11:00:57

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0011	<.0000	<.0000	<.0000
SDev	.0009	.0037	.0137	.0018	.0003	.0000	.0008
%RSD	20.29	17.98	62.89	159.5	40.10	.0000	13.57

#1	<.0000	<.0000	<.0000	.0008	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0038	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0003	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0027	<.0000	<.0000
SDev	.0007	.0005	.0009	.0004	.0008	.1258	.0100
%RSD	141.7	16.92	37.52	13.59	28.80	6.739	50.84

#1	<.0000	<.0000	<.0000	<.0000	.0020	<.0000	<.0000
#2	.0005	<.0000	<.0000	<.0000	.0034	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	.0020	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	.0033	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	<.0000	<.0000	<.0000	.0032	<.0000	.0001	<.0000
SDev	.0006	.0046	.0129	.0012	.0135	.0208	.0130
%RSD	192.2	29.15	35.05	36.28	515.5	34400.	27.24

#1	.0002	<.0000	<.0000	.0015	.0072	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0038	.0072	.0228	<.0000
#3	<.0000	<.0000	<.0000	.0038	<.0000	<.0000	<.0000
#4	.0002	<.0000	<.0000	.0038	<.0000	.0114	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	<.0000	<.0000	<.0000
SDev	.0287	.0534	.0005	.0013
%RSD	7.927	891.8	21.78	446.2

#1	<.0000	<.0000	<.0000	.0016
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0514	<.0000	<.0000
#4	<.0000	.0272	<.0000	<.0000

Analysis Report

11/08/01 11:05:20 AM

page 1

Method: IECW Sample Name: 25264

Operator: it

Run Time: 11/08/01 11:03:35

Comment:

11/13/01

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	.0031 ✓	<.0000	.0041	.0153 ✓	<.0000 ✓	6.243 ✓
SDev	.0006	.0070	.0350	.0008	.0004	.0001	.015
%RSD	42.54	225.3	516.3	18.70	2.674	57.74	.2452

#1	<.0000	.0122	<.0000	.0035	.0157	<.0000	6.251
#2	<.0000	.0004	.0133	.0035	.0150	<.0000	6.238
#3	<.0000	.0043	<.0000	.0045	.0157	<.0000	6.224
#4	<.0000	<.0000	.0211	.0050	.0150	<.0000	6.258

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009 ✓	<.0000 ✓	<.0000 ~	.0180 ✓	.0275 ✓	<.0000	1.256
SDev	.0007	.0021	.0017	.0004	.0027	.4770	.008
%RSD	75.43	899.5	176.3	2.102	10.02	101.3	.6639

#1	.0014	.0020	<.0000	.0175	.0251	<.0000	1.261
#2	<.0000	<.0000	<.0000	.0182	.0305	<.0000	1.252
#3	.0014	.0006	<.0000	.0182	.0251	.1570	1.246
#4	.0009	<.0000	.0012	.0182	.0291	<.0000	1.264

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0185 ✓	<.0000 ✓	6.925 ✓	<.0000 ✓	.0062	.0112	<.0000
SDev	.0003	.0012	.037	.0068	.0182	.0308	.0604
%RSD	1.709	7.106	.5404	2177.	293.4	276.0	245.8

#1	.0183	<.0000	6.959	.0023	.0035	.0225	<.0000
#2	.0183	<.0000	6.875	.0069	<.0000	<.0000	<.0000
#3	.0189	<.0000	6.921	<.0000	.0249	.0339	.0153
#4	.0183	<.0000	6.947	<.0000	.0142	.0226	.0153

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7234	.0160	<.0000 ✓	.0046 ✓
SDev	.0590	.0181	.0009	.0007
%RSD	8.156	113.4	93.73	15.95

#1	.6352	<.0000	<.0000	.0055
#2	.7559	.0250	<.0000	.0049
#3	.7559	.0251	<.0000	.0038
#4	.7466	.0250	<.0000	.0044

Method: IECW Sample Name: 25264 lab dup

Operator: it

Run Time: 11/08/01 11:28:19

Comment:

Mode: CONC Corr. Factor: 1

✓ 11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0014	<.0000	.0047	.0150	<.0000	6.213 ✓
SDev	.0011	.0035	.0263	.0020	.0000	.0000	.008
%RSD	64.13	246.6	80.61	41.73	.0070	40.00	.1239

#1	<.0000	<.0000	<.0000	.0029	.0150	<.0000	6.204
#2	<.0000	<.0000	<.0000	.0040	.0150	<.0000	6.218
#3	<.0000	.0053	<.0000	.0075	.0150	<.0000	6.211
#4	<.0000	.0034	.0055	.0045	.0150	<.0000	6.221

Elem	Cd2288	Co2286	Cr2677	Cu3247 ✓	Fe2599	K_7664	Mg2790 ✓
Avge	.0011	.0003	<.0000	.0180 ✓	.0275	<.0000	1.255 ✓
SDev	.0003	.0008	.0019	.0013	.0023	.2237	.016
%RSD	23.54	288.0	174.4	7.175	8.287	22.64	1.277

#1	.0014	.0011	<.0000	.0182	.0265	<.0000	1.252
#2	.0009	.0003	<.0000	.0167	.0251	<.0000	1.234
#3	.0009	.0004	<.0000	.0197	.0278	<.0000	1.264
#4	.0009	<.0000	.0016	.0175	.0305	<.0000	1.270

Elem	Mn2576 ✓	Mo2020	Na5889 ✓	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0180 ✓	<.0000	6.881 ✓	.0032	.0027	.0112	<.0000
SDev	.0004	.0056	.021	.0049	.0152	.0186	.0589
%RSD	2.022	29.68	.3013	153.6	571.2	166.4	145.6

#1	.0177	<.0000	6.875	<.0000	.0071	.0112	<.0000
#2	.0183	<.0000	6.877	.0035	<.0000	.0112	<.0000
#3	.0177	<.0000	6.911	.0081	<.0000	<.0000	<.0000
#4	.0183	<.0000	6.863	.0046	.0213	.0339	.0312

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7281	.0492	<.0000	.0042
SDev	.0547	.0631	.0007	.0013
%RSD	7.512	128.3	62.50	30.22

#1	.6538	.1338	<.0000	.0061
#2	.7467	.0009	<.0000	.0032
#3	.7838	.0009	<.0000	.0038
#4	.7280	.0613	<.0000	.0038

OK

Analysis Report

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page 1

Method: IECW Sample Name: 25264spk
 Run Time: 11/08/01 11:30:43
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0234	.2708	.2677	.2669	.2667	.0491	6.103
SDev	.0004	.0072	.0238	.0021	.0004	.0001	.009
%RSD	1.674	2.658	8.896	.7811	.1530	.2741	.1543

#1	.0234	.2799	.2397	.2639	.2663	.0490	6.095
#2	.0239	.2623	.2788	.2674	.2663	.0490	6.095
#3	.0229	.2711	.2580	.2680	.2670	.0490	6.110
#4	.0234	.2701	.2942	.2685	.2670	.0493	6.112

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1053	.1025	.2496	.2814	.2787	.0000	1.232
SDev	.0041	.0011	.0026	.0008	.0017	.2076	.012
%RSD	3.894	1.102	1.030	.2691	.6032	29.58	1.013

#1	.1111	.1031	.2514	.2818	.2790	<.0000	1.246
#2	.1022	.1011	.2459	.2803	.2804	<.0000	1.222
#3	.1027	.1022	.2514	.2818	.2764	<.0000	1.222
#4	.1052	.1037	.2497	.2818	.2790	<.0000	1.240

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2721	.0760	8.812	.2657	.2536	.2153	.2413
SDev	.0018	.0077	.042	.0042	.0210	.0186	.0329
%RSD	.6642	10.15	.6181	1.565	8.295	8.633	13.62

#1	.2744	.0711	6.796	.2649	.2661	.2380	.2691
#2	.2700	.0687	6.786	.2626	.2234	.2153	.2692
#3	.2719	.0785	6.790	.2718	.2697	.2153	.2054
#4	.2719	.0858	6.875	.2637	.2554	.1925	.2213

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9836	.2479	.0980	.2591
SDev	.0201	.0701	.0006	.0017
%RSD	2.039	28.26	.6054	.6615

#1	.9742	.3143	.0972	.2598
#2	.9836	.1935	.0984	.2569
#3	.9650	.1815	.0984	.2586
#4	1.011	.3022	.0978	.2609

IECW

CONC F:1

SN:25264spk

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Respike

OK

Elem	Mn2576	<u>Mo2020</u>	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2725	.0978	6.821	.2587	.2652	.2440	.2828
SDev	.0031	.0012	.049	.0061	.0134	.0114	.0342
%RSD	1.153	1.248	.7143	2.352	5.065	4.672	12.09
#1	.2730	.0997	6.886	.2677	.2518	.2497	.3144
#2	.2743	.0972	6.822	.2550	.2767	.2496	.2353
#3	.2749	.0972	6.806	.2550	.2767	.2497	.2986
#4	.2680	.0972	6.770	.2573	.2554	.2269	.2828

Analysis Report

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Method: IECW Sample Name: 25265
 Run Time: 11/08/01 11:42:50
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0003	.0168	<.0000	.0053	.0155	<.0000	5.981
SDev	.0016	.0031	.0427	.0035	.0003	.0000	.013
%RSD	618.6	18.58	9354.	66.00	2.273	.0000	.2226

#1	.0025	.0214	.0415	.0054	.0160	<.0000	6.000
#2	<.0000	.0156	.0287	.0039	.0153	<.0000	5.970
#3	.0001	.0146	<.0000	.0100	.0153	<.0000	5.981
#4	<.0000	.0156	<.0000	.0018	.0153	<.0000	5.973

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	.0016	.0097	.0145	.6885	1.251
SDev	.0013	.0013	.0012	.0004	.0023	.1974	.008
%RSD	2089.	300.4	77.78	4.506	15.98	28.67	.6356

#1	<.0000	.0011	.0014	.0101	.0151	.6704	1.260
#2	<.0000	<.0000	.0002	.0093	.0151	.6341	1.245
#3	.0019	.0001	.0031	.0101	.0111	.9602	1.245
#4	<.0000	<.0000	.0014	.0093	.0165	.4892	1.257

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0189	<.0000	7.346	<.0000	<.0000	<.0000	.0587
SDev	.0003	.0054	.010	.0062	.0151	.0253	.0374
%RSD	1.660	124.0	.1422	97.40	210.5	174.4	63.71

#1	.0194	<.0000	7.343	.0014	.0071	<.0000	.0626
#2	.0188	<.0000	7.361	<.0000	<.0000	<.0000	.0310
#3	.0188	<.0000	7.337	<.0000	.0035	.0112	.0310
#4	.0188	<.0000	7.343	<.0000	<.0000	<.0000	.1101

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8790	.0431	<.0000	.0018
SDev	.0504	.0800	.0009	.0007
%RSD	5.734	185.6	1568.	40.66

#1	.9439	<.0000	.0004	.0019
#2	.8858	<.0000	<.0000	.0025
#3	.8231	.0552	.0004	.0008
#4	.8634	.1516	.0004	.0019

Analysis Report

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page 1

Method: IECW Sample Name: 25377

Run Time: 11/08/01 11:45:28

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

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Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0012	.0153	.0993	.0121	.0269	<.0000	23.58
SDev	.0015	.0090	.0665	.0009	.0000	.0000	.10
%RSD	125.8	58.79	67.00	7.658	.0424	100.0	.4359

#1	.0013	.0160	.1330	.0116	.0269	<.0000	23.54
#2	.0003	.0024	.0788	.0111	.0269	<.0000	23.51
#3	.0032	.0219	.0164	.0131	.0269	.0000	23.54
#4	<.0000	.0209	.1691	.0126	.0269	<.0000	23.74

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	<.0000	.0031	.0009	.0681	1.966	7.794
SDev	.0009	.0015	.0002	.0013	.0007	.314	.053
%RSD	263.1	1927.	6.784	144.5	.9814	15.95	.6854

#1	<.0000	<.0000	.0034	.0005	.0691	2.084	7.806
#2	.0011	<.0000	.0030	<.0000	.0678	1.612	7.733
#3	.0001	.0017	.0030	.0028	.0678	2.337	7.775
#4	.0011	.0001	.0029	.0005	.0678	1.830	7.860

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0900	<.0000	27.12	<.0000	.0026	.0073	.1069
SDev	.0007	.0020	.22	.0079	.0160	.0109	.0224
%RSD	.8067	383.5	.8129	184.8	611.4	150.0	20.93

#1	.0894	<.0000	27.16	<.0000	.0106	.0101	.1385
#2	.0907	<.0000	27.14	.0021	<.0000	<.0000	.1070
#3	.0894	<.0000	26.83	<.0000	.0106	.0215	.0911
#4	.0907	.0019	27.36	.0021	.0106	<.0000	.0910

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.800	.1109	.0012	.0000
SDev	.089	.0772	.0011	.0009
%RSD	4.922	69.59	89.30	5485.

#1	1.800	.1652	.0007	.0004
#2	1.675	.0447	.0001	<.0000
#3	1.858	.1893	.0026	.0004
#4	1.867	.0445	.0013	.0004

Analysis Report

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page 1

Method: IECW Sample Name: 25791
 Run Time: 11/08/01 11:56:36
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0025	.0177	.0747	.0130	.0268	.0000	23.38
SDev	.0011	.0062	.0121	.0010	.0003	.0000	.10
%RSD	45.60	35.17	16.19	8.016	1.303	13e6	.4418

#1	.0037	.0258	.0578	.0131	.0269	.0000	23.31
#2	.0013	.0112	.0761	.0131	.0269	<.0000	23.37
#3	.0018	.0151	.0865	.0116	.0262	.0000	23.31
#4	.0032	.0189	.0786	.0141	.0269	.0000	23.53

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0017	<.0000	.0044	.0017	.0591	2.373	7.763
SDev	.0014	.0007	.0021	.0010	.0026	.357	.050
%RSD	79.09	116.2	49.17	58.49	4.344	15.06	.6412

#1	.0026	<.0000	.0068	.0028	.0625	2.844	7.733
#2	.0031	<.0000	.0030	.0013	.0598	1.975	7.769
#3	.0001	<.0000	.0022	.0005	.0572	2.337	7.718
#4	.0011	.0004	.0055	.0020	.0571	2.337	7.830

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0748	<.0000	26.31	.0001	.0071	<.0000	.0793
SDev	.0011	.0012	.15	.0045	.0199	.0171	.0350
%RSD	1.433	108.0	.5551	5223.	282.3	174.1	44.23

#1	.0737	<.0000	26.19	.0021	<.0000	<.0000	.0911
#2	.0749	<.0000	26.45	<.0000	<.0000	<.0000	.1070
#3	.0743	<.0000	26.19	<.0000	.0142	<.0000	.0279
#4	.0762	<.0000	26.43	.0044	.0320	<.0000	.0911

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.465	.0809	.0010	.0004
SDev	.044	.0565	.0004	.0008
%RSD	3.020	69.90	34.54	180.4

#1	1.442	.0688	.0013	.0010
#2	1.496	.0085	.0007	<.0000
#3	1.415	.1051	.0007	.0005
#4	1.509	.1410	.0013	.0010

Analysis Report

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page 1

Method: IECW Sample Name: 25792

Operator: it

Run Time: 11/08/01 11:58:34

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0022	.0232	.0143	.0030	.0146	.0000	5.747
SDev	.0009	.0047	.0558	.0008	.0000	.0000	.009
%RSD	41.53	20.16	389.8	25.80	.0069	.0000	.1546

#1	.0016	.0273	.0363	.0023	.0146	.0000	5.746
#2	.0021	.0234	.0725	.0033	.0146	.0000	5.759
#3	.0035	.0254	<.0000	.0039	.0146	.0000	5.739
#4	.0016	.0166	.0079	.0023	.0146	.0000	5.743

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	.0003	.0023	.0010	.0208	.8878	1.273
SDev	.0011	.0015	.0019	.0000	.0007	.8046	.007
%RSD	247.3	560.9	83.55	.0260	3.207	34.31	.5270

#1	<.0000	<.0000	.0035	.0010	.0205	.8515	1.269
#2	<.0000	<.0000	.0019	.0010	.0205	.9965	1.281
#3	.0019	.0017	.0040	.0010	.0218	1.214	1.275
#4	.0004	.0012	<.0000	.0010	.0205	.4892	1.266

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0236	<.0000	4.031	<.0000	<.0000	<.0000	.0942
SDev	.0003	.0037	.009	.0027	.0071	.0144	.0984
%RSD	1.332	65.55	.2206	45.11	196.0	70.99	104.4

#1	.0238	<.0000	4.026	<.0000	<.0000	<.0000	<.0000
#2	.0232	<.0000	4.040	<.0000	.0070	<.0000	.2049
#3	.0238	<.0000	4.022	<.0000	<.0000	<.0000	.0467
#4	.0238	<.0000	4.038	<.0000	<.0000	<.0000	.1417

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3209	.0039	.0013	.0009
SDev	.0767	.0542	.0006	.0003
%RSD	23.91	1402.	46.51	31.34

#1	.3802	.0792	.0016	.0008
#2	.3801	.0069	.0016	.0008
#3	.3041	<.0000	.0004	.0013
#4	.2191	<.0000	.0016	.0008

Analysis Report

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page 1

Method: IECW Sample Name: 25793

Operator: it

Run Time: 11/08/01 12:00:45

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0030	.0271	.0220	.0027	.0153	<.0000	5.833
SDev	.0006	.0092	.0490	.0026	.0000	.0001	.033
%RSD	18.30	34.01	222.5	94.35	.0193	230.9	.5673

#1	.0025	.0234	.0078	.0049	.0153	<.0000	5.845
#2	.0035	.0380	.0620	.0044	.0153	<.0000	5.835
#3	.0035	.0166	<.0000	.0023	.0153	.0000	5.864
#4	.0025	.0302	.0595	<.0000	.0153	.0000	5.786

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	<.0000	.0025	.0029	.0222	1.341	1.294
SDev	.0010	.0012	.0021	.0004	.0017	.292	.002
%RSD	560.5	306.5	85.75	15.14	7.590	21.79	.1169

#1	.0004	.0005	.0044	.0033	.0205	1.504	1.296
#2	<.0000	<.0000	<.0000	.0025	.0245	1.359	1.293
#3	.0014	<.0000	.0018	.0033	.0218	.9240	1.293
#4	<.0000	.0002	.0040	.0025	.0218	1.576	1.293

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0241	<.0000	4.051	.0003	.0124	<.0000	.0704
SDev	.0004	.0012	.072	.0049	.0074	.0342	.0475
%RSD	1.506	62.94	1.787	1923.	59.80	571.3	67.39

#1	.0238	<.0000	4.060	.0037	.0213	.0453	.1258
#2	.0244	<.0000	4.070	.0049	.0141	<.0000	.0309
#3	.0244	<.0000	4.124	<.0000	.0035	<.0000	.0942
#4	.0238	<.0000	3.951	<.0000	.0106	<.0000	.0309

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4483	.0762	.0024	.0009
SDev	.0618	.0433	.0006	.0003
%RSD	13.79	56.90	24.55	31.43

#1	.3756	.0671	.0023	.0013
#2	.5188	.0189	.0029	.0008
#3	.4741	.1033	.0029	.0008
#4	.4249	.1154	.0016	.0008

Analysis Report

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page 1

Method: IECW Sample Name: 25830

Operator: it

Run Time: 11/08/01 12:02:57

Comment:

Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0063	<.0000	.0033	.0146	<.0000	5.780
SDev	.0004	.0077	.0159	.0025	.0000	.0001	.020
%RSD	117.9	121.7	89.29	75.87	.0125	46.19	.3494

#1	<.0000	<.0000	<.0000	.0049	.0146	<.0000	5.809
#2	.0001	.0127	.0054	.0033	.0146	<.0000	5.782
#3	<.0000	.0127	<.0000	.0054	.0146	<.0000	5.765
#4	<.0000	.0029	<.0000	<.0000	.0146	<.0000	5.766

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0000	.0235	.3623	1.264
SDev	.0012	.0006	.0019	.0007	.0027	.2164	.002
%RSD	285.5	54.13	253.4	1529.	11.72	59.72	.1380

#1	.0009	<.0000	<.0000	<.0000	.0258	.2718	1.266
#2	<.0000	<.0000	.0014	.0010	.0218	.6341	1.266
#3	<.0000	<.0000	<.0000	<.0000	.0205	.4167	1.263
#4	<.0000	<.0000	<.0000	.0002	.0259	.1268	1.263

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0225	<.0000	6.913	<.0000	<.0000	<.0000	.0389
SDev	.0000	.0042	.027	.0036	.0101	.0421	.0585
%RSD	.0014	74.68	.3857	58.96	70.73	146.7	150.4

#1	.0225	<.0000	6.949	<.0000	<.0000	<.0000	.1101
#2	.0225	<.0000	6.892	<.0000	<.0000	.0112	<.0000
#3	.0225	<.0000	6.917	<.0000	<.0000	<.0000	.0310
#4	.0225	<.0000	6.892	<.0000	<.0000	<.0000	.0468

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.3567	.0039	<.0000	<.0000
SDev	.0379	.0346	.0006	.0000
%RSD	10.61	889.4	87.15	.0247

#1	.4025	.0431	<.0000	<.0000
#2	.3712	<.0000	<.0000	<.0000
#3	.3354	.0069	<.0000	<.0000
#4	.3175	.0069	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25831

Run Time: 11/08/01 12:05:20

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0007	.0154	.0183	.0039	.0148	<.0000	5.775
SDev	.0009	.0058	.0253	.0008	.0003	.0001	.023
%RSD	121.6	37.53	138.0	21.69	2.382	230.9	.4029
#1	.0001	.0146	<.0000	.0039	.0146	<.0000	5.793
#2	.0021	.0137	.0209	.0039	.0153	.0000	5.790
#3	.0001	.0234	.0311	.0028	.0146	.0000	5.773
#4	.0006	.0098	.0391	.0049	.0146	<.0000	5.742
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	.0003	.0010	.0222	.8243	1.264
SDev	.0012	.0011	.0006	.0006	.0017	.1857	.006
%RSD	665.4	554.5	215.6	62.19	7.584	22.52	.4581
#1	<.0000	.0005	.0006	.0010	.0218	.7428	1.257
#2	<.0000	<.0000	.0010	.0018	.0205	1.069	1.269
#3	.0014	.0010	<.0000	.0002	.0245	.6341	1.269
#4	<.0000	<.0000	<.0000	.0010	.0218	.8515	1.263
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0232	<.0000	7.437	<.0000	.0044	.0026	.0507
SDev	.0007	.0050	.033	.0056	.0079	.0195	.0597
%RSD	3.136	90.06	.4441	174.2	179.2	748.4	117.7
#1	.0238	<.0000	7.473	<.0000	.0071	<.0000	.0942
#2	.0238	<.0000	7.455	<.0000	<.0000	<.0000	<.0000
#3	.0225	<.0000	7.401	<.0000	.0106	.0225	.1100
#4	.0225	<.0000	7.419	.0049	.0071	.0112	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.4014	.0340	.0007	<.0000			
SDev	.0277	.0486	.0008	.0010			
%RSD	6.890	142.9	112.1	71.01			
#1	.3623	.0551	<.0000	<.0000			
#2	.4249	<.0000	.0016	<.0000			
#3	.4025	.0069	.0010	<.0000			
#4	.4160	.0913	.0004	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 25839

Operator: it

Run Time: 11/08/01 12:09:40

Comment:

Mode: CONC Corr. Factor: 1

✓

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0040 ✓	.0256 ✓	.0033	.0012	.0152 ✓	.0000 ✓	5.862 ✓
SDev	.0004	.0055	.0566	.0018	.0003	.0000	.011
%RSD	9.831	21.42	1729.	153.3	2.327	.0000	.1802

#1	.0040	.0302	<.0000	.0003	.0153	.0000	5.873
#2	.0035	.0195	.0389	.0033	.0153	.0000	5.857
#3	.0045	.0302	.0595	<.0000	.0153	.0000	5.868
#4	.0040	.0224	<.0000	.0018	.0146	.0000	5.849

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013 ✓	.0000 ✓	.0019 ✓	.0023 ✓	.0212 ✓	1.531	1.305 ✓
SDev	.0006	.0011	.0011	.0004	.0017 ✓	.181	.010 ✓
%RSD	48.03	7017.	56.41	16.34	8.159	11.81	.7569

#1	.0004	<.0000	.0014	.0025	.0232	1.395	1.305
#2	.0014	.0005	.0018	.0017	.0191	1.359	1.305
#3	.0014	.0012	.0035	.0025	.0205	1.649	1.317
#4	.0019	<.0000	.0010	.0025	.0218	1.721	1.293

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0241 ✓	<.0000 ✓	7.472 ✓	<.0000 ✓	.0035	<.0000	<.0000
SDev	.0004 ✓	.0040	.034	.0037	.0162	.0235	.0736
%RSD	1.509	156.9	.4536	157.5	465.4	161.6	852.9

#1	.0238	<.0000	7.518	<.0000	<.0000	<.0000	<.0000
#2	.0244	.0023	7.455	.0003	.0213	<.0000	<.0000
#3	.0238	<.0000	7.439	.0014	.0035	.0111	<.0000
#4	.0244	<.0000	7.475	<.0000	.0070	<.0000	.0942

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4159	.0189	.0018 ✓	<.0000 ✓
SDev	.0356	.0260	.0012	.0011
%RSD	8.558	137.9	65.30	1205.

#1	.3801	.0189	.0010	.0008
#2	.4069	.0430	.0010	<.0000
#3	.4651	.0309	.0035	.0008
#4	.4114	<.0000	.0016	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25840
 Run Time: 11/08/01 12:11:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0042	.0371	.0025	.0019	.0153	.0000	5.890
SDev	.0013	.0086	.0443	.0013	.0000	.0000	.032
%RSD	30.06	23.07	1790.	66.22	.0194	13e6	.5439
#1	.0025	.0283	.0595	.0033	.0153	<.0000	5.904
#2	.0049	.0361	.0077	.0023	.0153	.0000	5.928
#3	.0054	.0488	<.0000	.0003	.0153	.0000	5.859
#4	.0040	.0351	<.0000	.0018	.0153	.0000	5.869
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0007	.0026	.0021	.0033	.0252	1.594	1.310
SDev	.0009	.0004	.0013	.0011	.0023	.063	.008
%RSD	126.5	14.32	63.82	32.82	9.197	3.936	.6110
#1	.0019	.0023	.0018	.0017	.0245	1.540	1.308
#2	.0004	.0030	.0014	.0040	.0245	1.576	1.314
#3	.0004	.0024	.0039	.0033	.0232	1.685	1.299
#4	<.0000	.0030	.0010	.0040	.0285	1.576	1.317
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0238	<.0000	7.258	<.0000	.0177	.0054	.0190
SDev	.0005	.0042	.041	.0049	.0041	.0237	.0723
%RSD	2.157	215.0	.5688	405.9	23.22	441.0	380.8
#1	.0238	<.0000	7.244	<.0000	.0213	<.0000	.0942
#2	.0244	.0023	7.313	.0003	.0141	.0339	.0309
#3	.0232	<.0000	7.214	<.0000	.0212	<.0000	.0308
#4	.0238	<.0000	7.262	.0037	.0141	.0111	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.5669	.0008	.0033	.0001			
SDev	.0123	.0120	.0006	.0009			
%RSD	2.175	1558.	17.75	1696.			
#1	.5546	.0068	.0029	<.0000			
#2	.5725	.0068	.0041	.0008			
#3	.5814	<.0000	.0035	.0008			
#4	.5590	.0068	.0029	<.0000			

Analysis Report

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page 1

Method: IECW

Sample Name: ipc

Operator: it

Run Time: 11/08/01 12:13:38

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179
Avge	.4966 ✓	1.021 ✓	.0130	1.018	1.016 ✓	1.006 ✓	1.048 ✓
SDev	.0012	.005	.0586	.005	.004	.004	.005
%RSD	.2427	.4584	449.5	.4963	.4332	.3792	.4371

#1	.4968	1.024	.0305	1.011	1.010	1.001	1.048
#2	.4949	1.018	<.0000	1.024	1.020	1.010	1.052
#3	.4978	1.027	.0874	1.018	1.017	1.008	1.050
#4	.4968	1.017	<.0000	1.019	1.018	1.007	1.042

Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avge	1.028 ✓	1.029 ✓	1.012 ✓	1.020 ✓	1.023 ✓	1.214	1.036 ✓
SDev	.004	.003	.005	.007	.006	.284	.016
%RSD	.4001	.2468	.5353	.6698	.5683	23.38	1.563

#1	1.022	1.029	1.005	1.010	1.015	1.141	1.027
#2	1.031	1.025	1.015	1.023	1.026	1.359	1.030
#3	1.029	1.030	1.017	1.020	1.022	1.504	1.060
#4	1.031	1.031	1.011	1.025	1.029	.8515	1.027

Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	1.028 ✓	.9621 ✓	1.064 ✓	1.036 ✓	1.032	1.014	.0897
SDev	.005	.0168	.013	.008	.014	.025	.0931
%RSD	.4751	1.743	1.239	.7738	1.362	2.494	103.9

#1	1.023	.9378	1.051	1.025	1.015	.9998	.0580
#2	1.035	.9719	1.081	1.043	1.043	1.045	.2162
#3	1.029	.9646	1.057	1.039	1.043	.9883	.0898
#4	1.026	.9743	1.067	1.039	1.025	1.023	<.0000

Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓
Avge	.6781	1.099	1.009 ✓	1.012 ✓
SDev	.1060	.094	.004	.005
%RSD	15.63	8.561	.3758	.4870

#1	.7251	.9815	1.004	1.014
#2	.7295	1.186	1.013	1.018
#3	.7384	1.162	1.011	1.008
#4	.5193	1.066	1.008	1.008

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 11/08/01 12:15:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	S_2496	Ba4934	Be3130	Ca3179
Avge	.0019 ✓	.0085 ✓	<.0000	.0003	.0005 ✓	.0006 ✓	<.0000 ✓
SDev	.0012	.0044	.0198	.0005	.0003	.0002	.0019
%RSD	62.91	51.95	48.47	191.2	66.72	39.20	53.24
#1	.0017	.0095	<.0000	.0001	.0011	.0009	<.0000
#2	.0036	.0134	<.0000	<.0000	.0004	.0007	<.0000
#3	.0007	.0085	<.0000	.0006	.0004	.0005	<.0000
#4	.0017	.0027	<.0000	.0006	.0004	.0004	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010 ✓	.0009 ✓	.0010 ✓	.0055 ✓	<.0000 ✓	.2265	.0053 ✓
SDev	.0010	.0024	.0021	.0016	.0023	.1760	.0128
%RSD	100.1	261.8	199.8	28.43	136.7	77.70	242.5
#1	.0005	.0010	<.0000	.0064	.0013	.2718	<.0000
#2	.0005	.0041	.0039	.0072	<.0000	.4529	.0204
#3	.0025	<.0000	.0014	.0042	<.0000	.0544	<.0000
#4	.0005	<.0000	<.0000	.0042	<.0000	.1268	.0113

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0005 ✓	.0232 ✓	.0121 ✓	<.0000 ✓	<.0000 ✓	<.0000	.0435
SDev	.0003	.0047	.0091	.0098	.0169	.0469	.0538
%RSD	66.74	20.15	75.78	308.9	472.4	149.4	123.8
#1	.0006	.0268	.0221	<.0000	.0071	<.0000	.0474
#2	.0006	.0268	<.0000	.0064	.0142	.0114	.0632
#3	.0006	.0219	.0141	<.0000	<.0000	<.0000	.0949
#4	<.0000	.0171	.0121	.0040	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	.0012 ✓	<.0000 ✓
SDev	.0451	.0670	.0006	.0003
%RSD	9.601	468900.	47.89	66.54
#1	<.0000	<.0000	.0017	<.0000
#2	<.0000	<.0000	.0011	<.0000
#3	<.0000	.0211	.0017	<.0000
#4	<.0000	.0814	.0005	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25841

Operator: it

Run Time: 11/08/01 12:42:17

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0012 ✓	.0129 ✓	<.0000	.0028	.0173 ✓	.0000 ✓	7.773 ✓
SDev	.0013	.0083	.0249	.0011	.0000	.0000	.033
%RSD	105.6	64.69	221.2	40.42	.0202	13e6	.4205

#1	.0011	.0144	<.0000	.0011	.0173	.0000	7.749
#2	.0001	.0065	<.0000	.0032	.0173	.0000	7.799
#3	.0030	.0241	.0151	.0032	.0173	.0000	7.803
#4	.0006	.0065	<.0000	.0037	.0173	<.0000	7.741

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011 ✓	<.0000 ✓	.0015 ✓	.0083 ✓	.0312 ✓	.4620	1.944 ✓
SDev	.0006	.0015	.0011	.0004	.0013	.3286	.011
%RSD	56.00	193.2	72.15	4.555	4.116	71.13	.5872

#1	.0014	<.0000	.0011	.0085	.0322	.7791	1.940
#2	.0004	<.0000	.0028	.0085	.0322	.2355	1.946
#3	.0009	.0007	.0019	.0078	.0295	.7066	1.958
#4	.0019	.0004	.0002	.0085	.0308	.1268	1.931

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0282 ✓	<.0000 ✓	9.550 ✓	.0021 ✓	.0115	<.0000	.0504
SDev	.0009	.0024	.055	.0057	.0106	.0361	.0724
%RSD	3.158	64.19	.5760	269.0	92.06	306.9	143.5

#1	.0282	<.0000	9.515	.0001	.0142	<.0000	.0306
#2	.0288	<.0000	9.631	.0105	.0142	.0339	.0148
#3	.0288	<.0000	9.521	.0001	.0213	<.0000	<.0000
#4	.0269	<.0000	9.531	<.0000	<.0000	<.0000	.1572

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.1396	.0751	.0010 ✓	.0027 ✓
SDev	.0504	.0712	.0009	.0007
%RSD	36.11	94.82	88.42	26.97

#1	.0837	.0058	.0016	.0025
#2	.1776	.1625	.0010	.0036
#3	.1865	.1022	.0016	.0030
#4	.1105	.0299	<.0000	.0019

Analysis Report

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page 1

Method: IECW Sample Name: 25841lab dup

Operator: it

Run Time: 11/08/01 12:44:21

Comment:

Mode: CONC Corr. Factor: 1

✓

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0007	.0092	<.0000	.0029	.0174	<.0000	7.765 ✓
SDev	.0011	.0037	.0209	.0010	.0004	.0000	.026
%RSD	148.7	39.90	132.7	33.43	2.036	.0000	.3387

#1	<.0000	.0065	.0076	.0022	.0180	<.0000	7.747
#2	.0016	.0065	<.0000	.0032	.0173	<.0000	7.772
#3	.0011	.0143	<.0000	.0022	.0173	<.0000	7.798
#4	.0011	.0095	<.0000	.0042	.0173	<.0000	7.741

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0008	.0085	.0298 ✓	.5073	1.956 ✓
SDev	.0018	.0001	.0016	.0006	.0017	.2339	.008
%RSD	218.2	5.752	209.6	7.262	5.640	46.11	.3865

#1	<.0000	<.0000	.0019	.0078	.0322	.3080	1.958
#2	.0014	<.0000	.0019	.0085	.0281	.5616	1.946
#3	<.0000	<.0000	.0006	.0085	.0295	.3442	1.964
#4	<.0000	<.0000	<.0000	.0093	.0295	.8153	1.955

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0282 ✓	<.0000	9.578 ✓	.0036	<.0000	.0054	<.0000
SDev	.0005	.0037	.047	.0068	.0034	.0066	.0638
%RSD	1.824	83.14	.4958	191.3	76.25	122.7	1290.

#1	.0282	<.0000	9.553	.0012	<.0000	<.0000	.0306
#2	.0282	<.0000	9.535	<.0000	<.0000	<.0000	<.0000
#3	.0288	<.0000	9.644	.0036	<.0000	.0110	<.0000
#4	.0275	<.0000	9.579	.0128	<.0000	.0111	.0623

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.1273	.0329	.0005	.0029
SDev	.0480	.0594	.0008	.0003
%RSD	37.69	180.4	148.5	9.922

#1	.1105	<.0000	<.0000	.0030
#2	.1821	.1023	.0016	.0025
#3	.1463	.0419	.0004	.0030
#4	.0702	.0299	.0004	.0030

OK

Analysis Report

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page 1

Method: IECW Sample Name: 25841spk

Operator: it

Run Time: 11/08/01 12:49:33

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0262 ✓	.2724 ✓	.2336	.2614	.2670 ✓	.0489 ✓	7.564
SDev	.0008 ✓	.0063 ✓	.0270	.0008	.0009	.0003	.035
%RSD	3.164	2.295	11.56	.2919	.3326	.6062	.4604

#1	.0255	.2670	.2628	.2605	.2672	.0491	7.575
#2	.0255	.2670	.1981	.2621	.2672	.0487	7.557
#3	.0269	.2767	.2420	.2621	.2679	.0492	7.603
#4	.0269	.2787	.2316	.2610	.2658	.0485	7.520

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	Mn_7664	Mg2790
Avge	.1038 ✓	.1019 ✓	.2489 ✓	.2662 ✓	.2801 ✓	.9783	1.919
SDev	.0023	.0003	.0016	.0013	.0028	.3748	.011
%RSD	2.188	.3139	.6371	.4856	.9936	38.31	.5900

#1	.1061	.1023	.2478	.2660	.2808	.9602	1.904
#2	.1012	.1020	.2478	.2667	.2834	.4892	1.919
#3	.1051	.1016	.2487	.2675	.2794	1.395	1.922
#4	.1027	.1018	.2512	.2645	.2768	1.069	1.931

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2794 ✓	.0917 ✓	9.351	.2600 ✓	.2483	.2012	.2944
SDev	.0018	.0037	.046	.0069	.0174	.0270	.0151
%RSD	.6470	3.988	.4931	2.660	7.016	13.39	5.137

#1	.2799	.0948	9.334	.2675	.2341	.1812	.2825
#2	.2805	.0899	9.314	.2583	.2341	.2382	.2825
#3	.2805	.0874	9.418	.2513	.2696	.2040	.2983
#4	.2767	.0948	9.338	.2629	.2554	.1812	.3141

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3197	.2644	.1001 ✓	.2545 ✓
SDev	.0321	.0595	.0009	.0040
%RSD	10.05	22.49	.9273	1.563

#1	.3387	.1981	.0993	.2533
#2	.2805	.2946	.0993	.2533
#3	.3521	.2343	.1012	.2602
#4	.3074	.3307	.1006	.2510

Analysis Report

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page 1

Method: IECW Sample Name: 25842
 Run Time: 11/08/01 13:03:15
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0171	.0006	.0161	<.0000	6.915
SDev	.0018	.0120	.0258	.0015	.0003	.0001	.020
%RSD	43.45	104.8	151.4	235.8	2.197	46.19	.2900

#1	<.0000	<.0000	.0131	<.0000	.0166	<.0000	6.909
#2	<.0000	<.0000	.0547	.0016	.0159	<.0000	6.943
#3	<.0000	<.0000	.0003	<.0000	.0159	<.0000	6.895
#4	<.0000	<.0000	.0001	.0022	.0159	<.0000	6.915

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	<.0000	<.0000	.0731	.0871	<.0000	1.607
SDev	.0017	.0009	.0011	.0011	.0039	.2844	.008
%RSD	183.2	21.46	71.51	1.554	4.515	31.71	.4952

#1	.0034	<.0000	<.0000	.0721	.0845	<.0000	1.610
#2	<.0000	<.0000	<.0000	.0737	.0911	<.0000	1.613
#3	<.0000	<.0000	<.0000	.0721	.0831	<.0000	1.607
#4	.0004	<.0000	<.0000	.0744	.0898	<.0000	1.595

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0326	<.0000	8.143	<.0000	<.0000	<.0000	.0347
SDev	.0005	.0032	.016	.0024	.0145	.0197	.0455
%RSD	1.575	28.46	.2021	187.8	81.65	68.60	130.8

#1	.0326	<.0000	8.142	<.0000	.0036	<.0000	.0308
#2	.0332	<.0000	8.142	<.0000	<.0000	<.0000	.0941
#3	.0320	<.0000	8.164	.0013	<.0000	<.0000	.0308
#4	.0326	<.0000	8.124	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	<.0000	.0153	<.0000	.0022
SDev	.0132	.0618	.0013	.0006
%RSD	2.316	403.2	56.57	26.32

#1	<.0000	.0063	<.0000	.0019
#2	<.0000	.0424	<.0000	.0019
#3	<.0000	<.0000	<.0000	.0030
#4	<.0000	.0786	<.0000	.0019

Analysis Report

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Method: IECW Sample Name: 25843
 Run Time: 11/08/01 13:05:29
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0154	.0032	.0165	<.0000	8.074
SDev	.0009	.0045	.0331	.0015	.0000	.0001	.010
%RSD	25.17	89.76	214.7	47.78	.0038	46.19	.1217

#1	<.0000	.0016	.0386	.0011	.0165	<.0000	8.060
#2	<.0000	<.0000	<.0000	.0047	.0165	<.0000	8.079
#3	<.0000	<.0000	.0284	.0037	.0165	<.0000	8.072
#4	<.0000	<.0000	.0284	.0031	.0165	<.0000	8.082

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0098	.0354	<.0000	2.084
SDev	.0017	.0009	.0004	.0007	.0035	.2261	.007
%RSD	744.5	36.99	33.29	7.374	9.977	42.29	.3429

#1	<.0000	<.0000	<.0000	.0093	.0388	<.0000	2.094
#2	<.0000	<.0000	<.0000	.0108	.0348	<.0000	2.085
#3	.0014	<.0000	<.0000	.0100	.0308	<.0000	2.079
#4	.0004	<.0000	<.0000	.0093	.0374	<.0000	2.079

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0340	<.0000	10.07	.0044	<.0000	<.0000	.0385
SDev	.0006	.0037	.05	.0044	.0111	.0093	.0736
%RSD	1.772	45.40	.5199	99.35	88.91	26.96	191.1

#1	.0344	<.0000	9.999	.0001	<.0000	<.0000	.0464
#2	.0344	<.0000	10.10	.0105	<.0000	<.0000	<.0000
#3	.0332	<.0000	10.06	.0035	<.0000	<.0000	.1097
#4	.0338	<.0000	10.12	.0035	<.0000	<.0000	.0623

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	.0017
SDev	.0270	.0515	.0008	.0009
%RSD	6.493	543.4	47.25	49.63

#1	<.0000	<.0000	<.0000	.0013
#2	<.0000	.0538	<.0000	.0013
#3	<.0000	.0056	<.0000	.0030
#4	<.0000	<.0000	<.0000	.0013

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Next we too

Analysis Report

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Method: IECW Sample Name: 25844

Operator: it

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

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0005	.0153	<.0000	5.882
SDev	.0011	.0106	.0481	.0009	.0000	.0001	.021
%RSD	40.70	226.4	272.0	166.9	.0127	46.19	.3511

#1	<.0000	<.0000	<.0000	.0018	.0153	<.0000	5.859
#2	<.0000	<.0000	.0289	.0003	.0153	<.0000	5.902
#3	<.0000	<.0000	<.0000	.0003	.0153	<.0000	5.897
#4	<.0000	.0097	.0184	<.0000	.0153	<.0000	5.871

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	<.0000	<.0000	.0137	.0235	<.0000	1.299
SDev	.0007	.0008	.0015	.0007	.0025	.1880	.015
%RSD	92.48	23.43	195.1	5.301	10.78	48.26	1.156

#1	<.0000	<.0000	<.0000	.0131	.0272	<.0000	1.293
#2	.0004	<.0000	.0014	.0139	.0232	<.0000	1.281
#3	.0014	<.0000	<.0000	.0131	.0218	<.0000	1.314
#4	.0014	<.0000	<.0000	.0146	.0218	<.0000	1.308

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0219	<.0000	6.684	<.0000	<.0000	<.0000	.0112
SDev	.0005	.0040	.035	.0065	.0035	.0171	.0723
%RSD	2.346	53.77	.5279	716.8	15.27	118.5	643.9

#1	.0219	<.0000	6.655	.0003	<.0000	<.0000	.0627
#2	.0219	<.0000	6.728	<.0000	<.0000	<.0000	.0310
#3	.0213	<.0000	6.697	.0014	<.0000	<.0000	<.0000
#4	.0225	<.0000	6.655	.0049	<.0000	<.0000	.0468

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0246	.0418	.0006	.0007
%RSD	4.687	803.9	45.56	309.9

#1	<.0000	.0069	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0068	<.0000	<.0000
#4	<.0000	.0310	<.0000	.0008

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Method: IECW Sample Name: 25845

Run Time: 11/08/01 13:12:12

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0021	.0151	<.0000	6.394
SDev	.0013	.0068	.0125	.0010	.0003	.0001	.007
%RSD	50.74	195.0	36.18	47.12	2.343	63.83	.1043

#1	<.0000	<.0000	<.0000	.0013	.0153	<.0000	6.395
#2	<.0000	<.0000	<.0000	.0033	.0153	<.0000	6.385
#3	<.0000	<.0000	<.0000	.0023	.0146	<.0000	6.396
#4	<.0000	.0058	<.0000	.0013	.0153	<.0000	6.400

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0046	.0205	.0000	1.159
SDev	.0013	.0005	.0012	.0014	.0024	.4313	.012
%RSD	429.9	16.52	60.56	31.30	11.91	91.56	1.052

#1	<.0000	<.0000	<.0000	.0055	.0232	.0544	1.160
#2	<.0000	<.0000	<.0000	.0025	.0218	<.0000	1.166
#3	.0014	<.0000	<.0000	.0048	.0191	<.0000	1.169
#4	<.0000	<.0000	<.0000	.0055	.0178	<.0000	1.142

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0155	<.0000	7.197	<.0000	<.0000	<.0000	<.0000
SDev	.0003	.0042	.024	.0060	.0137	.0132	.0822
%RSD	2.037	38.20	.3277	1038.	90.87	38.27	970.4

#1	.0156	<.0000	7.186	<.0000	<.0000	<.0000	.1102
#2	.0150	<.0000	7.230	<.0000	<.0000	<.0000	<.0000
#3	.0156	<.0000	7.176	<.0000	<.0000	<.0000	<.0000
#4	.0156	<.0000	7.198	.0084	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	.0025
SDev	.0549	.0362	.0017	.0007
%RSD	11.16	156.7	131.7	26.60

#1	<.0000	.0071	.0004	.0019
#2	<.0000	.0071	<.0000	.0019
#3	<.0000	<.0000	<.0000	.0031
#4	<.0000	<.0000	<.0000	.0031

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Method: IECW Sample Name: 25938
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Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0005	.0145	<.0000	5.643
SD	.0011	.0078	.0353	.0009	.0003	.0000	.018
%RSD	49.24	71.31	201.2	160.8	2.452	50.00	.3261

#1	<.0000	<.0000	<.0000	.0013	.0147	<.0000	5.631
#2	<.0000	<.0000	.0238	.0008	.0147	<.0000	5.625
#3	<.0000	<.0000	<.0000	.0008	.0139	<.0000	5.665
#4	<.0000	<.0000	<.0000	<.0000	.0147	<.0000	5.651

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0195	<.0000	1.234
SD	.0018	.0008	.0017	.0004	.0017	.0456	.011
%RSD	317.1	29.16	116.4	34.89	8.614	15.25	.8611

#1	<.0000	<.0000	<.0000	<.0000	.0179	<.0000	1.245
#2	<.0000	<.0000	<.0000	<.0000	.0219	<.0000	1.242
#3	.0019	<.0000	<.0000	<.0000	.0192	<.0000	1.223
#4	<.0000	<.0000	.0010	<.0000	.0192	<.0000	1.226

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0225	<.0000	3.986	.0006	<.0000	<.0000	.0311
SD	.0000	.0053	.037	.0053	.0062	.0132	.0466
%RSD	.0022	53.56	.9326	946.2	12.82	38.33	149.9

#1	.0225	<.0000	3.990	<.0000	<.0000	<.0000	.0943
#2	.0225	<.0000	3.941	<.0000	<.0000	<.0000	.0310
#3	.0225	<.0000	4.032	.0014	<.0000	<.0000	<.0000
#4	.0225	<.0000	3.980	.0072	<.0000	<.0000	.0152

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0522	<.0000	<.0000
SD	.0180	.0373	.0013	.0014
%RSD	1.989	71.50	92.07	594.4

#1	<.0000	.0311	<.0000	.0008
#2	<.0000	.0552	<.0000	.0008
#3	<.0000	.0191	<.0000	<.0000
#4	<.0000	.1034	<.0000	<.0000

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Method: IECW Sample Name: 25939

Operator: it

Run Time: 11/08/01 13:17:39

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0024	.0107	.0003	.0143	<.0000	5.712
SDev	.0011	.0045	.0291	.0013	.0004	.0000	.025
%RSD	74.61	186.3	271.3	444.6	2.843	50.00	.4453

#1	.0001	<.0000	.0289	<.0000	.0139	<.0000	5.695
#2	<.0000	.0088	<.0000	.0008	.0146	<.0000	5.742
#3	<.0000	.0019	<.0000	.0018	.0146	<.0000	5.724
#4	<.0000	.0010	.0418	<.0000	.0139	<.0000	5.687

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	<.0000	.0002	.0262	<.0000	1.248
SDev	.0016	.0010	.0011	.0006	.0017	.2102	.015
%RSD	2627.	45.62	55.29	259.2	6.425	96.70	1.193

#1	<.0000	<.0000	<.0000	.0002	.0259	<.0000	1.236
#2	.0019	<.0000	<.0000	.0010	.0245	<.0000	1.263
#3	.0004	<.0000	<.0000	.0002	.0259	<.0000	1.236
#4	<.0000	<.0000	<.0000	<.0000	.0285	<.0000	1.260

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0236	<.0000	4.028	<.0000	<.0000	<.0000	.0191
SDev	.0006	.0037	.024	.0035	.0107	.0406	.0638
%RSD	2.545	65.70	.5903	236.5	66.67	88.57	333.2

#1	.0232	<.0000	4.030	.0003	<.0000	<.0000	.1101
#2	.0238	<.0000	4.042	<.0000	<.0000	<.0000	.0152
#3	.0232	<.0000	4.046	.0026	<.0000	<.0000	<.0000
#4	.0244	<.0000	3.994	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0250	<.0000	.0002
SDev	.0502	.0561	.0010	.0007
%RSD	5.225	224.3	121.0	331.9

#1	<.0000	.0190	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0070	<.0000	.0008
#4	<.0000	.1034	.0004	.0008

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Method: IECW Sample Name: 25940
 Run Time: 11/08/01 13:19:32
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0718	.0125	.0267	<.0000	24.00
SDev	.0006	.0077	.0255	.0012	.0003	.0000	.09
%RSD	15.63	42.22	35.50	9.693	1.309	50.00	.3639

#1	<.0000	<.0000	.0556	.0116	.0269	<.0000	24.13
#2	<.0000	<.0000	.0454	.0141	.0269	<.0000	23.97
#3	<.0000	<.0000	.0867	.0116	.0262	<.0000	23.94
#4	<.0000	<.0000	.0995	.0126	.0269	<.0000	23.96

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0456	.7609	8.004
SDev	.0016	.0014	.0009	.0004	.0040	.3519	.020
%RSD	1136.	31.20	310.0	19.46	8.761	46.25	.2512

#1	.0011	<.0000	<.0000	<.0000	.0503	.4167	8.029
#2	<.0000	<.0000	.0008	<.0000	.0423	.5616	8.008
#3	<.0000	<.0000	<.0000	<.0000	.0423	.8515	7.981
#4	.0011	<.0000	<.0000	<.0000	.0477	1.214	7.999

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0622	<.0000	26.25	.0041	<.0000	<.0000	.0990
SDev	.0008	.0031	.16	.0027	.0089	.0377	.0525
%RSD	1.271	42.49	.5915	67.21	27.12	75.86	52.97

#1	.0630	<.0000	26.44	.0020	<.0000	<.0000	.0279
#2	.0623	<.0000	26.31	.0021	<.0000	<.0000	.1386
#3	.0611	<.0000	26.10	.0078	<.0000	<.0000	.0912
#4	.0623	<.0000	26.16	.0044	<.0000	<.0000	.1386

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0866	<.0000	<.0000
SDev	.0654	.0287	.0005	.0012
%RSD	25.97	33.12	28.67	96.94

#1	<.0000	.1046	<.0000	<.0000
#2	<.0000	.0926	<.0000	.0004
#3	<.0000	.0444	<.0000	<.0000
#4	<.0000	.1046	<.0000	<.0000

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Method: IECW Sample Name: 25944

Operator: it

Run Time: 11/08/01 13:21:40

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0030	.0019	.0146	<.0000	5.761
SDev	.0022	.0061	.0295	.0013	.0000	.0001	.016
%RSD	168.9	166.0	975.8	69.10	.0107	46.19	.2758

#1	<.0000	<.0000	<.0000	.0018	.0146	<.0000	5.768
#2	<.0000	<.0000	<.0000	.0013	.0146	<.0000	5.768
#3	<.0000	.0029	.0340	.0039	.0146	<.0000	5.772
#4	.0016	<.0000	.0185	.0008	.0146	<.0000	5.738

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0000	.0222	<.0000	1.270
SDev	.0013	.0003	.0019	.0011	.0017	.2404	.011
%RSD	121.4	8.947	555.6	2369.	7.590	78.04	.8781

#1	<.0000	<.0000	<.0000	<.0000	.0245	<.0000	1.269
#2	<.0000	<.0000	<.0000	<.0000	.0218	<.0000	1.257
#3	<.0000	<.0000	.0019	.0010	.0205	<.0000	1.284
#4	.0004	<.0000	.0006	.0010	.0218	.0181	1.269

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0227	<.0000	4.077	.0032	<.0000	<.0000	.0429
SDev	.0006	.0076	.012	.0056	.0132	.0340	.0676
%RSD	2.654	68.55	.2829	176.0	49.26	107.9	157.6

#1	.0219	<.0000	4.066	.0037	<.0000	<.0000	.1259
#2	.0232	<.0000	4.070	.0107	<.0000	<.0000	.0627
#3	.0232	<.0000	4.092	.0003	<.0000	<.0000	.0152
#4	.0225	<.0000	4.078	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	<.0000	.0582	<.0000	<.0000
SDev	.0722	.0398	.0016	.0007
%RSD	7.555	68.52	143.0	112.0

#1	<.0000	.1034	<.0000	<.0000
#2	<.0000	.0552	<.0000	.0002
#3	<.0000	.0069	.0004	<.0000
#4	<.0000	.0672	<.0000	<.0000

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Method: IECW Sample Name: 25945
 Run Time: 11/08/01 13:23:49
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0002	.0141	<.0000	5.749
SDev	.0008	.0019	.0370	.0010	.0003	.0000	.030
%RSD	54.26	42.42	1330.	623.1	2.492	.0000	.5190

#1	<.0000	<.0000	.0211	<.0000	.0146	<.0000	5.786
#2	<.0000	<.0000	<.0000	.0008	.0139	<.0000	5.713
#3	<.0000	<.0000	<.0000	.0008	.0139	<.0000	5.747
#4	<.0000	<.0000	.0341	.0003	.0139	<.0000	5.751

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0004	<.0000	<.0000	.0000	.0232	<.0000	1.260
SDev	.0018	.0003	.0014	.0004	.0024	.3089	.003
%RSD	417.4	12.57	118.1	782.6	10.51	89.73	.2769

#1	.0024	<.0000	.0002	.0002	.0245	.0181	1.263
#2	<.0000	<.0000	<.0000	<.0000	.0205	<.0000	1.257
#3	<.0000	<.0000	<.0000	.0002	.0218	<.0000	1.257
#4	.0014	<.0000	<.0000	.0002	.0259	<.0000	1.263

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0229	<.0000	4.047	<.0000	<.0000	<.0000	.0113
SDev	.0004	.0058	.008	.0063	.0105	.0300	.0568
%RSD	1.590	55.17	.1923	1042.	147.5	148.8	505.2

#1	.0232	<.0000	4.044	<.0000	.0000	<.0000	<.0000
#2	.0232	<.0000	4.040	.0084	.0036	<.0000	<.0000
#3	.0225	<.0000	4.058	<.0000	<.0000	<.0000	.0943
#4	.0225	<.0000	4.046	<.0000	<.0000	.0112	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0099	<.0000	.0001
SDev	.0385	.0398	.0004	.0009
%RSD	3.586	400.6	20.26	1526.

#1	<.0000	<.0000	<.0000	.0008
#2	<.0000	.0069	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0672	<.0000	.0008

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Method: IECW Sample Name: ipc

Operator: it

Run Time: 11/08/01 13:29:42

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avg	.4861 ✓	.9902 ✓	<.0000	1.002	1.005 ✓	.9899 ✓	1.016 ✓
SDev	.0018	.0062	.0315	.011	.009	.0075	.004
%RSD	.3718	.6302	344.3	1.092	.9426	.7558	.3987
#1	.4863	.9915	.0284	1.009	1.007	.9899	1.017
#2	.4848	.9836	.0051	1.007	1.002	.9892	1.017
#3	.4887	.9983	<.0000	1.007	1.016	.9993	1.020
#4	.4848	.9876	<.0000	.9859	.9935	.9810	1.010
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avg	1.010 ✓	1.006 ✓	.9889 ✓	1.000 ✓	1.007 ✓	<.0000	.9871 ✓
SDev	.004	.009	.0077	.012	.006	.3193	.0136
%RSD	.3723	.9206	.7749	1.156	.5578	62.95	1.379
#1	1.012	1.003	.9862	.9961	1.006	<.0000	.9788
#2	1.010	1.005	.9882	.9961	1.009	<.0000	1.006
#3	1.012	1.019	.9996	1.017	1.013	<.0000	.9879
#4	1.004	.9970	.9815	.9915	.9993	<.0000	.9758
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avg	1.010 ✓	.9207 ✓	1.033 ✓	1.020 ✓	.9873	1.006	.0977
SDev	.007	.0072	.015	.013	.0204	.029	.0274
%RSD	.6547	.7794	1.466	1.231	2.069	2.855	28.03
#1	1.008	.9158	1.020	1.011	.9686	1.034	.0582
#2	1.006	.9134	1.018	1.019	1.015	1.011	.1056
#3	1.019	.9256	1.047	1.038	.9899	.9658	.1214
#4	1.006	.9280	1.045	1.011	.9757	1.011	.1056
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avg	<.0000	1.060	.9919	.9950			
SDev	.0518	.030	.0081	.0043			
%RSD	8.772	2.861	.8201	.4368			
#1	<.0000	1.090	.9908	.9979			
#2	<.0000	1.066	.9914	.9956			
#3	<.0000	1.066	1.003	.9979			
#4	<.0000	1.018	.9828	.9887			

Analysis Report

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Method: IECW Sample Name: cb

Operator: it

Run Time: 11/08/01 13:31:45

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	.0003	<.0000
SDev	.0017	.0093	.0209	.0024	.0004	.0001	.0018
%RSD	62.51	54.70	54.04	634.0	58.01	48.80	15.54

#1	<.0000	<.0000	<.0000	.0017	<.0000	.0005	<.0000
#2	<.0000	<.0000	<.0000	.0017	<.0000	.0004	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	.0003	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	.0001	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	<.0000	<.0000	.0002	.0007	<.0000	<.0000
SDev	.0010	.0011	.0013	.0016	.0008	.2154	.0052
%RSD	413.9	39.66	50.09	821.3	113.9	18.29	17.08

#1	.0015	<.0000	<.0000	.0019	.0013	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0004	.0000	<.0000	<.0000
#3	.0005	<.0000	<.0000	.0004	.0000	<.0000	<.0000
#4	.0000	<.0000	<.0000	<.0000	.0013	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0000	.0134	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0065	.0093	.0088	.0134	.0109	.0475
%RSD	27300.	48.66	39.55	437.7	138.0	29.53	605.5

#1	.0000	.0195	<.0000	<.0000	.0036	<.0000	<.0000
#2	.0006	.0171	<.0000	.0110	<.0000	<.0000	<.0000
#3	.0000	.0122	<.0000	<.0000	.0000	<.0000	<.0000
#4	<.0000	.0049	<.0000	<.0000	<.0000	<.0000	.0634

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0232	.0752	.0012	.0017
%RSD	1.405	627.2	69.67	144.6

#1	<.0000	<.0000	<.0000	.0009
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0091	<.0000	<.0000
#4	<.0000	.0694	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: lfb
 Run Time: 11/08/01 13:33:39
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0229	.2455	.2049	.2501	.2526	.0489	.0227
SDev	.0006	.0046	.0340	.0014	.0009	.0002	.0015
%RSD	2.635	1.864	16.61	.5399	.3528	.3348	6.672

#1	.0223	.2436	.2050	.2503	.2524	.0488	.0223
#2	.0227	.2514	.1919	.2519	.2517	.0487	.0207
#3	.0237	.2407	.2516	.2488	.2524	.0490	.0240
#4	.0227	.2465	.1713	.2493	.2538	.0491	.0237

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1033	.0993	.2483	.2618	.2503	<.0000	<.0000
SDev	.0030	.0019	.0025	.0011	.0030	.1290	.0097
%RSD	2.911	1.899	.9996	.4338	1.183	12.49	49.03

#1	.1028	.0988	.2456	.2609	.2459	<.0000	<.0000
#2	.0993	.0975	.2468	.2609	.2513	<.0000	<.0000
#3	.1062	.0990	.2506	.2624	.2526	<.0000	<.0000
#4	.1047	.1019	.2502	.2631	.2513	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2546	.0943	.1377	.2564	.2146	.2158	.1926
SDev	.0012	.0050	.0117	.0063	.0111	.0263	.0757
%RSD	.4735	5.333	8.474	2.472	5.159	12.20	39.132

#1	.2536	.0949	.1427	.2588	.2164	.1930	.2203
#2	.2536	.0876	.1467	.2634	.2199	.2386	.1570
#3	.2549	.0998	.1206	.2553	.2235	.2386	.2836
#4	.2561	.0949	.1407	.2483	.1986	.1930	.1096

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.2767	.0976	.2550
SDev	.0204	.0826	.0005	.0013
%RSD	1.525	29.85	.5174	.4991

#1	<.0000	.2014	.0969	.2546
#2	<.0000	.2496	.0976	.2563
#3	<.0000	.2616	.0976	.2534
#4	<.0000	.3943	.0982	.2557

Analysis Report

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Method: IECW Sample Name: lrb

Operator: it

Run Time: 11/08/01 13:35:47

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 ✓	<.0000	<.0000	<.0000 ✓	<.0000 ✓	<.0000 ✓
SDev	.0008	.0098	.0525	.0005	.0003	.0000	.0012
%RSD	86.61	175.4	87.31	13.78	201.3	.0000	13.79

#1	<.0000	.0076	<.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	<.0000	.0004	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0000 ✓	<.0000	<.0000 ✓
SDev	.0020	.0008	.0008	.0008	.0011	.1041	.0091
%RSD	230.4	113.6	793.4	100.0	31630.	28.02	109.1

#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.0005	<.0000	.0000	<.0000	<.0000
#3	.0000	.0001	<.0000	<.0000	.0013	<.0000	<.0000
#4	.0015	<.0000	.0005	.0004	.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000 ✓	<.0000 ✓	.0020 ✓	.0014 ✓	<.0000	<.0000	<.0000
SDev	.0003	.0060	.0103	.0020	.0146	.0147	.1036
%RSD	200.9	245.2	508.5	136.5	149.8	36.93	374.7

#1	.0000	<.0000	.0020	<.0000	<.0000	<.0000	<.0000
#2	.0000	.0049	<.0000	.0017	<.0000	<.0000	.0949
#3	.0000	<.0000	<.0000	.0041	.0036	<.0000	<.0000
#4	<.0000	<.0000	.0161	.0006	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000 ✓	<.0000 ✓
SDev	.0515	.0524	.0008	.0003
%RSD	3.390	290.3	252.0	28.93

#1	<.0000	.0091	.0005	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0332	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 25873

Operator: it

Run Time: 11/08/01 13:37:49

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0011	.0143	<.0000	5.783
SDev	.0019	.0087	.0398	.0019	.0004	.0000	.021
%RSD	59.95	76.20	90.23	179.3	2.869	33.33	.3693

#1	<.0000	<.0000	<.0000	<.0000	.0146	<.0000	5.789
#2	<.0000	<.0000	.0006	<.0000	.0139	<.0000	5.787
#3	<.0000	<.0000	<.0000	.0033	.0139	<.0000	5.803
#4	<.0000	.0010	<.0000	.0018	.0146	<.0000	5.752

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	<.0000	<.0000	<.0000	.0202	<.0000	1.261
SDev	.0004	.0014	.0008	.0006	.0017	.5033	.006
%RSD	43.52	53.15	27.92	30.40	8.335	41.77	.4992

#1	.0014	<.0000	<.0000	<.0000	.0218	<.0000	1.269
#2	.0009	<.0000	<.0000	<.0000	.0178	<.0000	1.263
#3	.0009	<.0000	<.0000	<.0000	.0205	<.0000	1.260
#4	.0004	<.0000	<.0000	<.0000	.0205	<.0000	1.254

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0225	<.0000	7.504	.0063	<.0000	<.0000	.0548
SDev	.0000	.0034	.064	.0105	.0173	.0372	.0274
%RSD	.0020	46.68	.8469	164.9	92.53	108.3	50.06

#1	.0225	<.0000	7.508	.0130	<.0000	.0112	.0469
#2	.0225	<.0000	7.546	.0084	<.0000	<.0000	.0943
#3	.0225	<.0000	7.550	<.0000	<.0000	<.0000	.0469
#4	.0225	<.0000	7.413	.0130	.0036	<.0000	.0310

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0250	<.0000	<.0000
SDev	.0322	.0319	.0011	.0003
%RSD	3.696	127.5	45.01	26.32

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0672	<.0000	<.0000
#3	<.0000	.0311	<.0000	<.0000
#4	<.0000	.0069	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25873 lab dup

Operator: it

Run Time: 11/08/01 13:40:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0009	.0143	<.0000	5.790 ✓
SDev	.0000	.0063	.0345	.0014	.0004	.0000	.032
%RSD	.0140	44.48	98.51	152.2	2.864	33.33	.5549

#1	<.0000	<.0000	<.0000	.0023	.0146	<.0000	5.818
#2	<.0000	<.0000	<.0000	.0003	.0146	<.0000	5.751
#3	<.0000	<.0000	<.0000	.0018	.0139	<.0000	5.777
#4	<.0000	<.0000	.0109	<.0000	.0139	<.0000	5.815

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0228 ✓	<.0000	1.257 ✓
SDev	.0006	.0013	.0011	.0006	.0025	.4338	.015
%RSD	37.32	29.48	52.35	30.36	11.05	46.95	1.195

#1	<.0000	<.0000	<.0000	<.0000	.0245	<.0000	1.278
#2	<.0000	<.0000	<.0000	<.0000	.0192	<.0000	1.245
#3	<.0000	<.0000	<.0000	<.0000	.0245	<.0000	1.248
#4	<.0000	<.0000	<.0000	<.0000	.0232	<.0000	1.257

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0224 ✓	<.0000	7.532 ✓	.0014	<.0000	<.0000	.0508
SDev	.0003	.0049	.043	.0047	.0163	.0336	.0840
%RSD	1.402	98.51	.5675	332.3	67.87	146.2	165.4

#1	.0225	<.0000	7.584	.0037	<.0000	<.0000	.0469
#2	.0219	<.0000	7.536	.0049	<.0000	<.0000	.1576
#3	.0225	<.0000	7.479	.0026	<.0000	.0113	<.0000
#4	.0225	<.0000	7.530	<.0000	<.0000	<.0000	.0469

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0401	<.0000	<.0000
SDev	.0184	.0455	.0008	.0013
%RSD	2.177	113.5	30.67	76.43

#1	<.0000	.0069	<.0000	<.0000
#2	<.0000	.0070	<.0000	<.0000
#3	<.0000	.0431	<.0000	<.0000
#4	<.0000	.1034	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25873spk

Operator: it

Run Time: 11/08/01 13:48:00

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0219	.2468	.2157	.2564	.2646	.0485	5.649
SDev	.0009	.0035	.0299	.0036	.0013	.0003	.030
%RSD	4.179	1.405	13.85	1.400	.4878	.5750	.5396
#1	.0207	.2438	.1808	.2510	.2639	.0484	5.615
#2	.0217	.2468	.2351	.2587	.2660	.0486	5.662
#3	.0227	.2448	.2015	.2581	.2632	.0482	5.633
#4	.0227	.2516	.2454	.2576	.2653	.0488	5.684
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.1012	.1001	.2446	.2535	.2701	.0000	1.235
SDev	.0034	.0029	.0026	.0014	.0045	.0783	.013
%RSD	3.350	2.876	1.051	.5716	1.683	10.05	1.019
#1	.0977	.0977	.2427	.2524	.2638	<.0000	1.232
#2	.1017	.0976	.2448	.2539	.2718	<.0000	1.220
#3	.0997	.1016	.2427	.2524	.2704	<.0000	1.238
#4	.1057	.1034	.2482	.2554	.2744	<.0000	1.251
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.2730	.0893	.342	.2509	.2199	.2014	.2513
SDev	.0011	.0042	.017	.0047	.0133	.0327	.0958
%RSD	.4207	4.657	2262	1.865	6.057	16.26	38.10
#1	.2724	.0851	7.341	.2446	.2235	.2270	.1090
#2	.2737	.0899	7.353	.2538	.2021	.1586	.2988
#3	.2718	.0875	7.319	.2550	.2342	.1928	.2829
#4	.2743	.0948	7.355	.2503	.2199	.2270	.3145
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	<.0000	.3198	.0967	.2492			
SDev	.0043	.0341	.0018	.0026			
%RSD	.5260	10.66	1.836	1.053			
#1	<.0000	.2957	.0944	.2487			
#2	<.0000	.2957	.0969	.2499			
#3	<.0000	.3680	.0969	.2459			
#4	<.0000	.3198	.0987	.2522			

Analysis Report

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Method: IECW Sample Name: 25874
Run Time: 11/08/01 13:51:09
Comment:
Mode: CONC Corr. Factor: 1

Operator: it

11/12/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0021	.0141	<.0000	5.845
SDev	.0012	.0051	.0323	.0011	.0003	.0000	.025
%RSD	27.36	25.28	311.6	51.45	2.499	50.00	.4231

#1	<.0000	<.0000	<.0000	.0023	.0139	<.0000	5.858
#2	<.0000	<.0000	.0213	.0033	.0146	<.0000	5.874
#3	<.0000	<.0000	<.0000	.0008	.0139	<.0000	5.827
#4	<.0000	<.0000	.0136	.0018	.0139	<.0000	5.822

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0003	<.0000	<.0000	<.0000	.0272	<.0000	1.259
SDev	.0016	.0011	.0008	.0004	.0027	.2429	.012
%RSD	529.1	24.68	24.20	18.13	9.829	21.11	.9883

#1	<.0000	<.0000	<.0000	<.0000	.0285	<.0000	1.275
#2	.0014	<.0000	<.0000	<.0000	.0285	<.0000	1.245
#3	.0014	<.0000	<.0000	<.0000	.0285	<.0000	1.257
#4	.0004	<.0000	<.0000	<.0000	.0232	<.0000	1.260

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0243	<.0000	7.082	.0014	<.0000	<.0000	<.0000
SDev	.0006	.0061	.023	.0066	.0089	.0057	.0568
%RSD	2.480	109.6	.3255	465.3	25.65	13.30	201.3

#1	.0251	<.0000	7.112	<.0000	<.0000	<.0000	<.0000
#2	.0244	<.0000	7.081	<.0000	<.0000	<.0000	.0152
#3	.0238	<.0000	7.055	.0037	<.0000	<.0000	<.0000
#4	.0238	<.0000	7.079	.0095	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0009	<.0000	<.0000
SDev	.0578	.0120	.0006	.0011
%RSD	4.966	1326.	17.10	135.0

#1	<.0000	.0069	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0008
#3	<.0000	.0069	<.0000	<.0000
#4	<.0000	.0069	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 25946

Operator: it

Run Time: 11/08/01 13:55:11

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0822	.0126	.0265	<.0000	24.06
SDev	.0014	.0028	.0466	.0018	.0004	.0000	.09
%RSD	39.57	16.08	56.72	14.04	1.509	33.33	.3637

#1	<.0000	<.0000	.0970	.0111	.0262	<.0000	23.99
#2	<.0000	<.0000	.0970	.0111	.0269	<.0000	24.10
#3	<.0000	<.0000	.1203	.0141	.0262	<.0000	23.99
#4	<.0000	<.0000	.0142	.0141	.0269	<.0000	24.17

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0463	.4167	8.023
SDev	.0021	.0011	.0012	.0004	.0011	.2579	.037
%RSD	318.5	24.50	238.5	31.81	2.335	61.90	.4558

#1	.0011	<.0000	<.0000	<.0000	.0450	.7791	8.020
#2	<.0000	<.0000	<.0000	<.0000	.0463	.2718	8.045
#3	<.0000	<.0000	.0004	<.0000	.0463	.4167	7.972
#4	.0011	<.0000	.0003	<.0000	.0476	.1993	8.054

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0582	<.0000	26.34	.0061	<.0000	<.0000	.0279
SDev	.0004	.0028	.21	.0067	.0089	.0285	.0517
%RSD	.6233	52.24	.7935	110.2	28.61	106.1	185.4

#1	.0586	<.0000	26.23	<.0000	<.0000	<.0000	.0279
#2	.0585	<.0000	26.48	.0067	<.0000	<.0000	.0279
#3	.0579	<.0000	26.11	.0148	<.0000	<.0000	.0911
#4	.0579	<.0000	26.56	.0044	<.0000	.0102	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	<.0000	.0835	<.0000	<.0000
SDev	.0531	.0618	.0013	.0009
%RSD	7.915	73.97	62.22	101.3

#1	<.0000	.1046	<.0000	.0004
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0926	<.0000	<.0000
#4	<.0000	.1407	<.0000	<.0000

dropping result

Analysis Report

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page 1

Method: IECW Sample Name: 25947

Operator: it

Run Time: 11/08/01 13:58:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 ✓	.0057	.0035	.0141 ✓	<.0000 ✓	5.755 ✓
SDev	.0008	.0098	.0323	.0017	.0003	.0001	.031
%RSD	24.07	77.63	563.7	48.53	2.500	46.66	.5336

#1	<.0000	<.0000	.0133	.0033	.0146	<.0000	5.769
#2	<.0000	<.0000	<.0000	.0039	.0139	<.0000	5.788
#3	<.0000	<.0000	<.0000	.0054	.0139	<.0000	5.743
#4	<.0000	<.0000	.0447	.0013	.0139	<.0000	5.718

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599 ²⁴	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0222 ^{23.6}	<.0000	1.251 <i>Reported 1200</i>
SDev	.0006	.0021	.0008	.0010	.0032	.3914	.013
%RSD	207.0	54.48	29.96	59.04	14.25	34.29	1.045

#1	<.0000	<.0000	<.0000	<.0000	.0218 ⁺	<.0000	1.257
#2	<.0000	<.0000	<.0000	<.0000	.0245 ⁺	<.0000	1.251
#3	<.0000	<.0000	<.0000	<.0000	.0178 ⁻	<.0000	1.263
#4	.0004	<.0000	<.0000	<.0000	.0245 ⁺	<.0000	1.232

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0222 ✓	<.0000 ✓	4.025 ✓	<.0000 ✓	<.0000	<.0000	.0152
SDev	.0004 ✓	.0060	.028 ✓	.0048	.0085	.0246	.0857
%RSD	1.632	48.70	.6994	20510.	31.82	107.2	562.3

#1	.0225	<.0000	4.020	.0061	<.0000	<.0000	<.0000
#2	.0225	<.0000	4.066	<.0000	<.0000	<.0000	<.0000
#3	.0219	<.0000	4.002	<.0000	<.0000	.0112	<.0000
#4	.0219	<.0000	4.014	.0003	<.0000	<.0000	.1418

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0190	<.0000 ✓	<.0000 ✓
SDev	.0324	.0170	.0006	.0008
%RSD	2.340	89.61	25.98	217.7

#1	<.0000	.0431	<.0000	<.0000
#2	<.0000	.0069	<.0000	<.0000
#3	<.0000	.0190	<.0000	<.0000
#4	<.0000	.0070	<.0000	.0008

Analysis Report

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page 1

Method: IECW Sample Name: 25948

Operator: it

Run Time: 11/08/01 14:00:32

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0006	.0131	<.0000	5.625
SDev	.0006	.0084	.0476	.0019	.0003	.0000	.018
%RSD	7.508	19.61	249.9	339.4	2.700	.0000	.3141

#1	<.0000	<.0000	.0087	<.0000	.0132	<.0000	5.619
#2	<.0000	<.0000	<.0000	.0034	.0132	<.0000	5.620
#3	<.0000	<.0000	.0319	<.0000	.0132	<.0000	5.651
#4	<.0000	<.0000	<.0000	<.0000	.0125	<.0000	5.610

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K17664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0239	<.0000	1.178
SDev	.0010	.0006	.0007	.0004	.0023	.2392	.017
%RSD	79.56	7.554	11.52	7.207	9.699	11.43	1.406

#1	<.0000	<.0000	<.0000	<.0000	.0232	<.0000	1.169
#2	<.0000	<.0000	<.0000	<.0000	.0272	<.0000	1.166
#3	<.0000	<.0000	<.0000	<.0000	.0232	<.0000	1.202
#4	<.0000	<.0000	<.0000	<.0000	.0219	<.0000	1.175

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0219	<.0000	3.980	<.0000	<.0000	<.0000	.0193
SDev	.0005	.0042	.043	.0024	.0208	.0057	.0651
%RSD	2.340	31.34	1.089	92.47	34.98	13.27	336.8

#1	.0219	<.0000	3.966	<.0000	<.0000	<.0000	<.0000
#2	.0219	<.0000	3.976	.0003	<.0000	<.0000	.0312
#3	.0226	<.0000	4.040	<.0000	<.0000	<.0000	.0153
#4	.0213	<.0000	3.937	<.0000	<.0000	<.0000	.0945

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0222	<.0000	<.0000
SDev	.0502	.0602	.0009	.0009
%RSD	2.512	271.6	13.68	30.69

#1	<.0000	.1036	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0312	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 25949

Operator: it

Run Time: 11/08/01 14:02:49

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0644	.0124	.0258	<.0000	23.74
SDev	.0016	.0173	.0257	.0017	.0004	.0001	.11
%RSD	28.60	47.79	39.87	13.67	1.543	47.87	.4643

#1	<.0000	<.0000	.0511	.0111	.0255	<.0000	23.61
#2	<.0000	<.0000	.1025	.0126	.0255	<.0000	23.70
#3	<.0000	<.0000	.0480	.0111	.0262	<.0000	23.87
#4	<.0000	<.0000	.0558	.0147	.0262	<.0000	23.77

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0474	<.0000	7.902
SDev	.0016	.0034	.0022	.0020	.0037	.5935	.037
%RSD	258.6	45.95	79.05	47.27	7.729	139.4	.4696

#1	<.0000	<.0000	<.0000	<.0000	.0437	<.0000	7.857
#2	<.0000	<.0000	<.0000	<.0000	.0450	<.0000	7.905
#3	.0011	<.0000	<.0000	<.0000	.0517	<.0000	7.948
#4	<.0000	<.0000	<.0000	<.0000	.0490	.2355	7.899

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0612	<.0000	26.13	.0044	<.0000	<.0000	.0557
SDev	.0008	.0042	.08	.0021	.0073	.0143	.0830
%RSD	1.290	49.39	.3078	48.05	17.50	67.96	149.2

#1	.0611	<.0000	26.13	.0032	<.0000	<.0000	.0123
#2	.0604	<.0000	26.20	.0021	<.0000	<.0000	<.0000
#3	.0623	<.0000	26.18	.0055	<.0000	<.0000	.1703
#4	.0611	<.0000	26.02	.0067	<.0000	<.0000	.0596

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.1078	<.0000	<.0000
SDev	.1601	.0577	.0022	.0005
%RSD	14.05	53.52	45.38	25.40

#1	<.0000	.1532	<.0000	<.0000
#2	<.0000	.0325	<.0000	<.0000
#3	<.0000	.1530	<.0000	<.0000
#4	<.0000	.0928	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26005

Operator: it

Run Time: 11/08/01 14:04:59

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0026	.0145	<.0000	5.753
SDev	.0014	.0056	.0402	.0018	.0003	.0000	.031
%RSD	68.86	210.0	134.0	69.57	2.430	50.00	.5371

#1	<.0000	<.0000	<.0000	.0039	.0146	<.0000	5.784
#2	<.0000	.0049	<.0000	.0044	.0146	<.0000	5.774
#3	<.0000	<.0000	<.0000	.0008	.0139	<.0000	5.720
#4	<.0000	<.0000	.0186	.0013	.0146	<.0000	5.734

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0252	<.0000	1.257
SDev	.0004	.0009	.0014	.0004	.0017	.3145	.010
%RSD	38.45	24.86	65.65	34.78	6.864	91.36	.7860

#1	<.0000	<.0000	<.0000	<.0000	.0245	<.0000	1.257
#2	<.0000	<.0000	<.0000	<.0000	.0232	<.0000	1.257
#3	<.0000	<.0000	<.0000	<.0000	.0272	<.0000	1.245
#4	<.0000	<.0000	<.0000	<.0000	.0259	.0544	1.269

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0222	<.0000	7.412	.0023	<.0000	<.0000	.0468
SDev	.0006	.0034	.021	.0048	.0084	.0279	.0764
%RSD	2.829	46.58	.2839	207.8	23.07	240.8	163.2

#1	.0225	<.0000	7.441	.0084	<.0000	<.0000	.0152
#2	.0225	<.0000	7.409	<.0000	<.0000	.0112	.0310
#3	.0213	<.0000	7.391	<.0000	<.0000	.0112	.1576
#4	.0225	<.0000	7.407	.0037	<.0000	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	<.0000	.0099	<.0000	<.0000
SDev	.0257	.0060	.0006	.0007
%RSD	2.150	60.52	35.07	43.51

#1	<.0000	.0069	<.0000	<.0000
#2	<.0000	.0069	<.0000	<.0000
#3	<.0000	.0070	<.0000	<.0000
#4	<.0000	.0190	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26006

Operator: it

Run Time: 11/08/01 14:07:06

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0008	.0139	<.0000	5.757
SDev	.0010	.0070	.0236	.0017	.0000	.0001	.014
%RSD	23.05	59.67	258.1	217.0	.0114	46.66	.2398

#1	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.745
#2	<.0000	<.0000	<.0000	.0003	.0139	<.0000	5.755
#3	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.777
#4	<.0000	<.0000	.0162	.0033	.0139	<.0000	5.750

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	<.0000	<.0000	<.0000	.0272	<.0000	1.239
SDev	.0009	.0010	.0007	.0004	.0022	.2339	.010
%RSD	459.8	19.17	23.34	20.50	8.013	19.56	.8063

#1	<.0000	<.0000	<.0000	<.0000	.0245	<.0000	1.232
#2	<.0000	<.0000	<.0000	<.0000	.0272	<.0000	1.229
#3	<.0000	<.0000	<.0000	<.0000	.0299	<.0000	1.251
#4	.0014	<.0000	<.0000	<.0000	.0272	<.0000	1.245

Elem	Mn2576	Mo2020	Na5889	Ni2316	Rb2203	Sb2068	Se1960
Avge	.0211	<.0000	6.799	.0035	<.0000	<.0000	<.0000
SDev	.0003	.0012	.054	.0050	.0103	.0271	.0316
%RSD	1.490	11.69	.7925	143.3	25.15	157.1	192.8

#1	.0213	<.0000	6.844	.0107	<.0000	<.0000	.0310
#2	.0213	<.0000	6.740	.0003	<.0000	<.0000	<.0000
#3	.0213	<.0000	6.766	.0026	<.0000	.0226	<.0000
#4	.0207	<.0000	6.844	.0003	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0130	<.0000	<.0000
SDev	.0380	.0626	.0014	.0006
%RSD	3.131	482.3	53.08	31.77

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0311	<.0000	<.0000
#3	<.0000	.0672	<.0000	<.0000
#4	<.0000	.0311	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26007

Operator: it

Run Time: 11/08/01 14:09:21

Comment:

Mode: CONC Corr. Factor: 1

✓

11/2/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0021	.0143 ✓	<.0000 ✓	5.901 ✓
SDev	.0009	.0058	.0177	.0009	.0004	.0000	.006
%RSD	29.36	49.34	267.3	40.88	2.861	25.00	.1005

#1	<.0000	<.0000	<.0000	.0023	.0139	<.0000	5.900
#2	<.0000	<.0000	<.0000	.0018	.0139	<.0000	5.904
#3	<.0000	<.0000	<.0000	.0033	.0146	<.0000	5.893
#4	<.0000	<.0000	.0185	.0012	.0146	<.0000	5.907

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0057 ✓	.0619 ✓	<.0000 ✓	1.255
SDev	.0007	.0013	.0005	.0009	.0039	.3399	.016
%RSD	125.7	30.46	17.29	16.64	6.347	32.92	1.252

#1	<.0000	<.0000	<.0000	.0055	.0593	<.0000	1.235
#2	<.0000	<.0000	<.0000	.0055	.0659	<.0000	1.263
#3	<.0000	<.0000	<.0000	.0048	.0579	<.0000	1.251
#4	<.0000	<.0000	<.0000	.0070	.0646	<.0000	1.272

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0210 ✓	<.0000 ✓	7.727 ✓	.0026 ✓	<.0000 ✓	<.0000 ✓	.0310
SDev	.0008	.0034	.063	.0039	.0146	.0270	.0129
%RSD	3.873	46.67	.8093	151.1	46.99	104.3	41.58

#1	.0213	<.0000	7.689	.0049	<.0000	<.0000	.0152
#2	.0207	<.0000	7.805	<.0000	<.0000	.0112	.0310
#3	.0200	<.0000	7.749	.0037	<.0000	<.0000	.0310
#4	.0219	<.0000	7.666	.0049	<.0000	<.0000	.0468

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000 ✓	.0581 ✓	<.0000 ✓	.0011 ✓
SDev	.0232	.0152	.0004	.0006
%RSD	1.949	26.16	11.87	54.31

#1	<.0000	.0793	<.0000	.0008
#2	<.0000	.0551	<.0000	.0019
#3	<.0000	.0551	<.0000	.0008
#4	<.0000	.0430	<.0000	.0008

FL report.

Analysis Report

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page 1

Method: IECW Sample Name: 26008

Operator: it

Run Time: 11/08/01 14:11:37

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0021	.0143	<.0000	5.748
SDev	.0006	.0089	.0418	.0011	.0004	.0001	.027
%RSD	25.47	72.87	115.0	51.11	2.854	46.19	.4639

#1	<.0000	<.0000	<.0000	.0033	.0146	<.0000	5.754
#2	<.0000	<.0000	<.0000	.0023	.0139	<.0000	5.770
#3	<.0000	<.0000	.0187	.0008	.0146	<.0000	5.759
#4	<.0000	<.0000	<.0000	.0018	.0139	<.0000	5.709

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K17664	Mg2790
Avge	.0001	<.0000	<.0000	.0103	.0205	<.0000	1.251
SDev	.0019	.0005	.0007	.0009	.0036	.2966	.008
%RSD	3074.	12.87	27.24	9.276	17.65	38.98	.6356

#1	<.0000	<.0000	<.0000	.0093	.0259	<.0000	1.245
#2	.0019	<.0000	<.0000	.0101	.0178	<.0000	1.251
#3	<.0000	<.0000	<.0000	.0116	.0192	<.0000	1.263
#4	.0014	<.0000	<.0000	.0101	.0192	<.0000	1.248

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0183	<.0000	6.597	.0006	<.0000	<.0000	.0666
SDev	.0006	.0073	.049	.0042	.0132	.0378	.0523
%RSD	3.291	69.75	.7497	749.3	43.51	94.33	78.44

#1	.0181	<.0000	6.645	.0061	<.0000	<.0000	.1418
#2	.0188	<.0000	6.601	<.0000	<.0000	<.0000	.0310
#3	.0188	<.0000	6.615	<.0000	<.0000	<.0000	.0311
#4	.0175	<.0000	6.529	.0014	<.0000	<.0000	.0627

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0160	<.0000	.0011
SDev	.0129	.0410	.0008	.0006
%RSD	1.008	256.5	34.99	54.07

#1	<.0000	<.0000	<.0000	.0019
#2	<.0000	.0552	<.0000	.0008
#3	<.0000	.0190	<.0000	.0008
#4	<.0000	.0311	<.0000	.0008

Analysis Report

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page 1

Method: IECW

Sample Name: ipc

Operator: it

Run Time: 11/08/01 14:13:55

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4860 ✓	.9771 ✓	<.0000	.9995	1.004 ✓	.9906 ✓	1.017 ✓
SDev	.0016	.0081	.0143	.0028	.001	.0013	.002
%RSD	.3268	.8292	88.98	.2783	.1151	.1296	.2040

#1	.4848	.9661	<.0000	1.003	1.004	.9899	1.019
#2	.4882	.9778	<.0000	.9987	1.006	.9923	1.014
#3	.4863	.9856	.0051	.9992	1.003	.9893	1.016
#4	.4848	.9788	<.0000	.9966	1.004	.9908	1.017

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.009 ✓	1.008 ✓	.9890 ✓	1.003 ✓	1.007 ✓	<.0000	.9841 ✓
SDev	.003	.003	.0018	.006	.004	.0544	.0149
%RSD	.2981	.2787	.1781	.5596	.4112	9.524	1.514

#1	1.010	1.011	.9916	.9976	1.007	<.0000	.9788
#2	1.004	1.008	.9882	1.009	1.003	<.0000	1.006
#3	1.010	1.005	.9878	.9983	1.005	<.0000	.9788
#4	1.011	1.006	.9883	1.006	1.013	<.0000	.9727

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.010 ✓	.9311 ✓	1.028 ✓	1.015 ✓	.9820	.9572	.0582
SDev	.002	.0186	.022	.008	.0114	.0300	.0671
%RSD	.1996	1.998	2.145	.7931	1.162	3.132	115.3

#1	1.008	.9085	1.020	1.023	.9900	.9429	.0899
#2	1.009	.9256	1.000	1.009	.9864	.9315	.1373
#3	1.009	.9378	1.043	1.008	.9651	.9543	<.0000
#4	1.013	.9524	1.049	1.021	.9864	.9999	.0108

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	1.042	.9902 ✓	.9940 ✓
SDev	.0157	.030	.0036	.0036
%RSD	1.592	2.836	.3679	.3572

#1	<.0000	1.030	.9939	.9893
#2	<.0000	1.006	.9914	.9967
#3	<.0000	1.066	.9852	.9967
#4	<.0000	1.066	.9902	.9933

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 11/08/01 14:16:42
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0023	.0000	.0004	<.0000
SDev	.0006	.0019	.0171	.0028	.0007	.0001	.0012
%RSD	43.04	16.29	179.0	123.4	32060.	21.28	11.76

#1	<.0000	<.0000	<.0000	.0062	.0004	.0005	<.0000
#2	<.0000	<.0000	<.0000	<.0000	.0004	.0005	<.0000
#3	<.0000	<.0000	.0144	.0022	.0004	.0004	<.0000
#4	<.0000	<.0000	<.0000	.0012	<.0000	.0003	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0021	.0023	<.0000	<.0000
SDev	.0016	.0010	.0014	.0011	.0013	.1388	.0062
%RSD	221.5	70.81	153.9	54.52	54.42	12.98	22.91

#1	<.0000	<.0000	<.0000	.0034	.0040	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0027	.0027	<.0000	<.0000
#3	.0015	<.0000	<.0000	.0011	.0013	<.0000	<.0000
#4	<.0000	<.0000	.0005	.0011	.0013	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0000	.0226	<.0000	.0015	<.0000	<.0000	.0356
SDev	.0005	.0054	.0109	.0031	.0067	.0421	.0270
%RSD	34620.	23.96	242.2	209.5	30.35	247.0	75.83

#1	.0006	.0293	<.0000	<.0000	<.0000	<.0000	.0000
#2	.0000	.0244	.0020	.0041	<.0000	<.0000	.0633
#3	.0000	.0195	.0040	<.0000	<.0000	<.0000	.0317
#4	<.0000	.0171	<.0000	.0041	<.0000	.0456	.0475

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0453	<.0000	<.0000
SDev	.0265	.0139	.0004	.0008
%RSD	1.436	30.75	33.00	56.64

#1	<.0000	.0573	<.0000	<.0000
#2	<.0000	.0332	<.0000	<.0000
#3	<.0000	.0332	<.0000	<.0000
#4	<.0000	.0573	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26009

Operator: it

Run Time: 11/08/01 14:19:13

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 ✓	<.0000	.0036	.0146 ✓	<.0000	5.917 ✓
SDev	.0003	.0046	.0205	.0005	.0000	.0000	.027
%RSD	8.032	69.59	120.5	14.25	.0199	50.00	.4552

#1	<.0000	<.0000	<.0000	.0033	.0146	<.0000	5.911
#2	<.0000	<.0000	<.0000	.0033	.0146	<.0000	5.933
#3	<.0000	<.0000	.0133	.0033	.0146	<.0000	5.942
#4	<.0000	<.0000	<.0000	.0044	.0146	<.0000	5.881

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0061 ✓	.0232 ✓	<.0000	1.249 ✓
SDev	.0015	.0019	.0014	.0007	.0011	.2995	.013
%RSD	191.5	57.68	81.88	11.88	4.692	31.79	1.074

#1	.0014	<.0000	<.0000	.0070	.0232	<.0000	1.232
#2	<.0000	<.0000	<.0000	.0055	.0245	<.0000	1.263
#3	<.0000	<.0000	.0002	.0063	.0232	<.0000	1.257
#4	<.0000	<.0000	<.0000	.0055	.0218	<.0000	1.245

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0200 ✓	<.0000 ✓	7.852 ✓	<.0000 ✓	<.0000	<.0000	.0350
SDev	.0000	.0023	.040	.0022	.0194	.0171	.0688
%RSD	.0048	53.76	.5030	709.7	99.09	195.7	196.6

#1	.0200	<.0000	7.825	.0003	.0000	<.0000	<.0000
#2	.0200	<.0000	7.871	.0026	<.0000	<.0000	<.0000
#3	.0200	<.0000	7.898	<.0000	<.0000	<.0000	.0943
#4	.0200	<.0000	7.813	<.0000	<.0000	<.0000	.0943

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0702	<.0000	.0001
SDev	.0222	.0410	.0008	.0009
%RSD	1.995	58.40	34.95	1562.

#1	<.0000	.0311	<.0000	<.0000
#2	<.0000	.0551	<.0000	<.0000
#3	<.0000	.1275	<.0000	.0008
#4	<.0000	.0672	<.0000	.0008

Analysis Report

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page 1

Method: IECW Sample Name: 26009lab dup

Operator: it

Run Time: 11/08/01 14:21:11

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0035	.0146	<.0000	5.930 ✓
SDev	.0008	.0067	.0265	.0009	.0000	.0000	.018
%RSD	24.38	60.72	571.3	25.20	.0147	33.33	.2968

#1	<.0000	<.0000	.0316	.0044	.0146	<.0000	5.944
#2	<.0000	<.0000	<.0000	.0039	.0146	<.0000	5.908
#3	<.0000	<.0000	<.0000	.0033	.0146	<.0000	5.923
#4	<.0000	<.0000	<.0000	.0023	.0146	<.0000	5.944

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0055	.0235 ✓	<.0000	1.242 ✓
SDev	.0007	.0017	.0009	.0006	.0013	.1490	.017
%RSD	52.14	50.52	41.25	11.16	5.426	14.06	1.397

#1	<.0000	<.0000	<.0000	.0055	.0245	<.0000	1.229
#2	<.0000	<.0000	<.0000	.0048	.0218	<.0000	1.226
#3	<.0000	<.0000	<.0000	.0055	.0232	<.0000	1.251
#4	<.0000	<.0000	<.0000	.0063	.0245	<.0000	1.263

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0202 ✓	<.0000	7.886 ✓	.0008	<.0000	<.0000	.0271
SDev	.0006	.0034	.043	.0064	.0102	.0208	.0416
%RSD	2.984	69.64	.5459	752.8	39.61	45.43	153.6

#1	.0207	<.0000	7.942	<.0000	<.0000	<.0000	.0627
#2	.0200	<.0000	7.837	.0084	<.0000	<.0000	.0627
#3	.0194	<.0000	7.886	.0037	<.0000	<.0000	<.0000
#4	.0207	<.0000	7.877	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0039	<.0000	<.0000
SDev	.0570	.0346	.0013	.0011
%RSD	5.277	878.2	79.31	1248.

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0070	<.0000	.0008
#3	<.0000	.0069	<.0000	<.0000
#4	<.0000	.0431	<.0000	.0008

OK

Analysis Report

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page 1

Method: IECW Sample Name: 26009spk

Operator: it

Run Time: 11/08/01 14:27:11

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	.0224	.2716	.2166	.2576	.2670	.0491	5.774
SDev	.0009	.0066	.0581	.0021	.0007	.0000	.006
%RSD	4.091	2.446	26.80	.8072	.2648	.0000	.1100

#1	.0217	.2809	.2527	.2566	.2674	.0491	5.781
#2	.0236	.2653	.2063	.2607	.2674	.0491	5.776
#3	.0217	.2711	.2684	.2571	.2660	.0491	5.767
#4	.0227	.2692	.1390	.2561	.2674	.0491	5.771

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1043	.0994	.2446	.2668	.2908	<.0000	1.218
SDev	.0025	.0020	.0020	.0014	.0013	.2079	.022
%RSD	2.438	1.994	.8097	.5183	.4387	29.05	1.840

#1	.1047	.0986	.2474	.2653	.2918	<.0000	1.211
#2	.1052	.0993	.2448	.2675	.2918	<.0000	1.251
#3	.1007	.0976	.2432	.2660	.2905	<.0000	1.199
#4	.1067	.1022	.2432	.2683	.2891	<.0000	1.211

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2732	.0851	7.658	.2506	.2358	.1899	.3461
SDev	.0009	.0072	.041	.0115	.0118	.0253	.0447
%RSD	.3459	8.438	.5382	4.594	5.005	13.32	12.93

#1	.2736	.0850	7.682	.2457	.2340	.1585	.3144
#2	.2724	.0777	7.652	.2550	.2341	.2041	.3461
#3	.2743	.0826	7.695	.2642	.2519	.1813	.3145
#4	.2724	.0948	7.602	.2376	.2234	.2155	.4094

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.3439	.0978	.2568
SDev	.0541	.0730	.0012	.0022
%RSD	6.144	21.22	1.210	.8757

#1	<.0000	.3077	.0981	.2539
#2	<.0000	.4524	.0993	.2562
#3	<.0000	.2957	.0969	.2579
#4	<.0000	.3198	.0969	.2591

Analysis Report

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page 1

Method: IECW Sample Name: 26010

Operator: it

Run Time: 11/08/01 14:29:33

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0032	.0150	<.0000	5.906
SDev	.0010	.0097	.0159	.0006	.0004	.0000	.011
%RSD	29.67	132.7	218.3	20.02	2.721	50.00	.1842

#1	<.0000	<.0000	<.0000	.0039	.0153	<.0000	5.906
#2	<.0000	.0058	<.0000	.0023	.0146	<.0000	5.904
#3	<.0000	<.0000	<.0000	.0033	.0146	<.0000	5.894
#4	<.0000	<.0000	.0057	.0033	.0153	<.0000	5.920

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	<.0000	<.0000	.0046	.0225	<.0000	1.244
SDev	.0018	.0018	.0018	.0009	.0008	.2586	.019
%RSD	268.5	43.86	66.11	20.76	3.442	20.83	1.517

#1	.0014	<.0000	<.0000	.0048	.0218	<.0000	1.232
#2	.0014	<.0000	<.0000	.0055	.0232	<.0000	1.248
#3	<.0000	<.0000	<.0000	.0033	.0232	<.0000	1.226
#4	.0019	<.0000	<.0000	.0048	.0218	<.0000	1.269

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0189	<.0000	7.188	.0049	<.0000	<.0000	.0073
SDev	.0006	.0037	.037	.0071	.0146	.0279	.0377
%RSD	3.180	84.26	.5114	145.7	65.76	121.5	514.7

#1	.0194	<.0000	7.198	.0049	<.0000	<.0000	.0311
#2	.0188	<.0000	7.148	.0142	<.0000	<.0000	<.0000
#3	.0181	<.0000	7.234	.0037	<.0000	<.0000	<.0000
#4	.0194	<.0000	7.174	<.0000	<.0000	<.0000	.0458

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0612	<.0000	.0001
SDev	.0328	.0209	.0011	.0009
%RSD	2.914	34.08	44.99	1552.

#1	<.0000	.0431	<.0000	.0008
#2	<.0000	.0552	<.0000	.0008
#3	<.0000	.0552	<.0000	<.0000
#4	<.0000	.0913	<.0000	<.0000

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Analysis Report

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page 1

Method: IECW Sample Name: 26011

Operator: it

Run Time: 11/08/01 14:31:49

Comment:

Mode: CONC Corr. Factor: 1

✓

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	.0031 ✓	<.0000	.0014	.0148 ✓	<.0000 ✓	5.930 ✓
SDev	.0010	.0097	.0582	.0017	.0003	.0000	.009
%RSD	41.66	309.3	316.6	118.1	2.386	.0000	.1433

#1	<.0000	<.0000	.0497	.0033	.0146	<.0000	5.930
#2	<.0000	<.0000	<.0000	<.0000	.0146	<.0000	5.918
#3	<.0000	.0146	.0106	.0018	.0146	<.0000	5.936
#4	<.0000	.0078	<.0000	.0013	.0153	<.0000	5.937

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0112	.0248 24 ✓	<.0000	1.230 ✓
SDev	.0006	.0015	.0018	.0014	.0030	.4529	.007
%RSD	207.5	59.42	239.5	12.93	11.93	58.82	.5452

#1	<.0000	<.0000	<.0000	.0101	.0232 +	<.0000	1.223
#2	.0004	<.0000	<.0000	.0101	.0258 +	<.0000	1.232
#3	<.0000	<.0000	<.0000	.0116	.0285 +	<.0000	1.226
#4	<.0000	<.0000	.0015	.0131	.0218 +	<.0000	1.238

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0236 ✓	<.0000 ✓	6.620 ✓	.0046 ✓	<.0000	<.0000	.0231
SDev	.0008	.0034	.023	.0066	.0198	.0377	.0652
%RSD	3.349	136.7	.3413	144.0	96.58	145.6	282.3

#1	.0238	<.0000	6.643	.0037	<.0000	<.0000	.0943
#2	.0225	<.0000	6.615	<.0000	<.0000	<.0000	<.0000
#3	.0238	<.0000	6.591	.0130	<.0000	<.0000	<.0000
#4	.0244	<.0000	6.631	.0049	<.0000	<.0000	.0626

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	.0005 ✓
SDev	.1072	.0678	.0018	.0006
%RSD	8.932	3249.	136.9	118.3

#1	<.0000	.0673	<.0000	.0008
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0311	<.0000	.0008
#4	<.0000	<.0000	.0010	.0008

Analysis Report

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page 1

Method: IECW Sample Name: 26078

Operator: it

Run Time: 11/08/01 14:33:59

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0009	.0125	<.0000	5.611
SDev	.0011	.0095	.0530	.0018	.0000	.0000	.014
%RSD	11.71	22.95	192.7	195.3	.0109	.0000	.2482

#1	<.0000	<.0000	<.0000	.0034	.0125	<.0000	5.615
#2	<.0000	<.0000	<.0000	<.0000	.0125	<.0000	5.629
#3	<.0000	<.0000	<.0000	<.0000	.0125	<.0000	5.600
#4	<.0000	<.0000	.0502	.0013	.0125	<.0000	5.599

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0242	<.0000	1.170
SDev	.0022	.0008	.0016	.0007	.0013	.1127	.013
%RSD	279.0	10.26	24.79	12.89	5.288	4.711	1.146

#1	<.0000	<.0000	<.0000	<.0000	.0259	<.0000	1.154
#2	<.0000	<.0000	<.0000	<.0000	.0246	<.0000	1.184
#3	.0024	<.0000	<.0000	<.0000	.0232	<.0000	1.166
#4	<.0000	<.0000	<.0000	<.0000	.0232	<.0000	1.178

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0221	<.0000	3.925	<.0000	<.0000	<.0000	.0470
SDev	.0006	.0024	.012	.0051	.0079	.0365	.0548
%RSD	2.728	18.10	.3166	353.8	11.53	67.33	116.5

#1	.0226	<.0000	3.927	<.0000	<.0000	<.0000	.0312
#2	.0226	<.0000	3.939	.0049	<.0000	<.0000	<.0000
#3	.0213	<.0000	3.909	<.0000	<.0000	<.0000	.1261
#4	.0219	<.0000	3.923	.0003	<.0000	<.0000	.0312

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0101	<.0000	<.0000
SDev	.0360	.0346	.0006	.0003
%RSD	1.648	342.4	9.039	20.90

#1	<.0000	.0554	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0071	<.0000	<.0000
#4	<.0000	.0071	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26079

Operator: it

Run Time: 11/08/01 14:36:59

Comment:

Mode: CONC Corr. Factor: 1



11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0439	.0108	.0251	<.0000	23.58
SDev	.0013	.0073	.0332	.0020	.0004	.0000	.07
%RSD	14.47	13.63	75.60	18.26	1.637	16.67	.3163

#1	<.0000	<.0000	.0251	.0116	.0255	<.0000	23.48
#2	<.0000	<.0000	.0149	.0080	.0248	<.0000	23.59
#3	<.0000	<.0000	.0898	.0111	.0255	<.0000	23.63
#4	<.0000	<.0000	.0458	.0126	.0248	<.0000	23.64

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0001	<.0000	<.0000	<.0000	.0484	<.0000	7.889
SDev	.0007	.0010	.0017	.0004	.0026	.2554	.032
%RSD	643.5	10.42	35.91	5.515	5.276	22.73	.4027

#1	.0001	<.0000	<.0000	<.0000	.0477	<.0000	7.860
#2	<.0000	<.0000	<.0000	<.0000	.0504	<.0000	7.890
#3	.0011	<.0000	<.0000	<.0000	.0504	<.0000	7.933
#4	<.0000	<.0000	<.0000	<.0000	.0450	<.0000	7.872

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0592	<.0000	26.05	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0042	.12	.0050	.0084	.0132	.0300
%RSD	.8657	28.70	.4627	455.9	13.36	18.96	193.8

#1	.0592	<.0000	25.95	.0032	<.0000	<.0000	<.0000
#2	.0592	<.0000	26.22	<.0000	<.0000	<.0000	.0281
#3	.0598	<.0000	26.05	.0032	<.0000	<.0000	<.0000
#4	.0586	<.0000	25.98	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0386	<.0000	<.0000
SDev	.0573	.0544	.0000	.0017
%RSD	3.610	141.1	.0270	86.18

#1	<.0000	.1170	<.0000	<.0000
#2	<.0000	.0084	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0326	<.0000	.0005

Analysis Report

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page 1

Method: IECW Sample Name: 26080

Operator: it

Run Time: 11/08/01 14:39:13

Comment:

Mode: CONC Corr. Factor: 1

✓

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0004	.0134	<.0000	5.745
SDev	.0009	.0032	.0418	.0008	.0003	.0000	.006
%RSD	15.71	11.29	271.1	184.2	2.641	.0000	.0985

#1	<.0000	<.0000	.0292	<.0000	.0132	<.0000	5.747
#2	<.0000	<.0000	<.0000	<.0000	.0132	<.0000	5.750
#3	<.0000	<.0000	<.0000	.0013	.0132	<.0000	5.737
#4	<.0000	<.0000	.0111	.0008	.0139	<.0000	5.747

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0229	<.0000	1.239
SDev	.0006	.0011	.0008	.0009	.0017	.1523	.016
%RSD	102.8	27.97	19.24	31.33	7.362	9.553	1.266

#1	<.0000	<.0000	<.0000	<.0000	.0245	<.0000	1.251
#2	<.0000	<.0000	<.0000	<.0000	.0232	<.0000	1.220
#3	<.0000	<.0000	<.0000	<.0000	.0205	<.0000	1.254
#4	<.0000	<.0000	<.0000	<.0000	.0232	<.0000	1.232

Elem	Mn2576	Mo2020	Na5889	Ni2316	Rb2203	Sb2068	Se1960
Avge	.0208	<.0000	4.075	.0037	<.0000	<.0000	.0034
SDev	.0003	.0012	.017	.0080	.0034	.0263	.0299
%RSD	1.515	13.25	.4156	212.9	10.95	114.9	871.7

#1	.0207	<.0000	4.084	<.0000	<.0000	<.0000	.0469
#2	.0213	<.0000	4.086	.0084	<.0000	<.0000	<.0000
#3	.0207	<.0000	4.050	.0095	<.0000	<.0000	<.0000
#4	.0207	<.0000	4.080	.0049	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0281	<.0000	<.0000
SDev	.0440	.0719	.0008	.0006
%RSD	2.522	256.2	18.85	39.92

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0794	<.0000	<.0000
#3	<.0000	.0431	<.0000	<.0000
#4	<.0000	.0673	<.0000	<.0000

Fe

Analysis Report

11/08/01 02:43:01 PM

page 1

Method: IECW Sample Name: 26127

Operator: it

Run Time: 11/08/01 14:41:16

Comment:

Mode: CONC Corr. Factor: 1



11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0002	.0136	<.0000	5.709
SDev	.0013	.0034	.0196	.0020	.0004	.0001	.008
%RSD	37.89	24.21	201.0	1236.	3.006	46.19	.1450

#1	<.0000	<.0000	.0187	<.0000	.0132	<.0000	5.703
#2	<.0000	<.0000	<.0000	<.0000	.0139	<.0000	5.719
#3	<.0000	<.0000	<.0000	.0018	.0139	<.0000	5.701
#4	<.0000	<.0000	<.0000	.0018	.0132	<.0000	5.711

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	<.0000	<.0000	<.0000	.0215	.0000	1.236
SDev	.0006	.0017	.0016	.0011	.0030	.3024	.012
%RSD	93.66	58.86	49.81	61.61	13.77	27.82	.9376

#1	.0004	<.0000	<.0000	<.0000	.0232	<.0000	1.226
#2	<.0000	<.0000	<.0000	<.0000	.0178	<.0000	1.226
#3	.0014	<.0000	<.0000	<.0000	.0205	<.0000	1.251
#4	.0009	<.0000	<.0000	<.0000	.0245	<.0000	1.239

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0213	<.0000	7.373	.0032	<.0000	<.0000	<.0000
SDev	.0000	.0028	.038	.0012	.0073	.0218	.0457
%RSD	.0034	56.88	.5091	36.60	28.49	126.5	187.9

#1	.0213	<.0000	7.383	.0037	<.0000	<.0000	<.0000
#2	.0213	<.0000	7.415	.0037	<.0000	<.0000	<.0000
#3	.0213	<.0000	7.325	.0037	<.0000	<.0000	.0311
#4	.0213	<.0000	7.369	.0014	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0100	<.0000	<.0000
SDev	.0573	.0360	.0009	.0014
%RSD	4.071	360.3	32.60	131.6

#1	<.0000	.0191	<.0000	<.0000
#2	<.0000	.0191	<.0000	<.0000
#3	<.0000	.0431	<.0000	.0008
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26128
 Run Time: 11/08/01 14:43:40
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000 ✓	<.0000 ✓	<.0000	.0026	.0139 ✓	<.0000 ✓	5.700 ✓
SDev	.0013	.0070	.0573	.0012	.0006	.0001	.025
%RSD	50.62	716.6	414.6	46.93	4.134	46.19	.4332

#1	<.0000	.0010	<.0000	.0018	.0139	<.0000	5.693
#2	<.0000	<.0000	.0185	.0018	.0146	<.0000	5.736
#3	<.0000	<.0000	<.0000	.0044	.0132	<.0000	5.685
#4	<.0000	.0059	.0495	.0023	.0139	<.0000	5.685

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0235 ✓	<.0000	1.241 ✓
SDev	.0005	.0008	.0005	.0004	.0020	.1971	.009 ✓
%RSD	42.07	22.19	26.27	17.03	8.519	18.92	.7281

#1	.0014	<.0000	<.0000	<.0000	.0219	<.0000	1.232
#2	.0004	<.0000	<.0000	<.0000	.0219	<.0000	1.239
#3	.0014	<.0000	<.0000	<.0000	.0259	<.0000	1.254
#4	.0014	<.0000	<.0000	<.0000	.0245	<.0000	1.239

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0207 ✓	<.0000 ✓	6.812 ✓	.0020 ✓	<.0000	<.0000	.0231
SDev	.0000	.0076	.053	.0051	.0082	.0218	.0398
%RSD	.0027	87.98	.7790	255.9	76.94	76.05	172.2

#1	.0207	<.0000	6.812	<.0000	<.0000	<.0000	.0310
#2	.0207	<.0000	6.870	.0037	<.0000	<.0000	<.0000
#3	.0207	<.0000	6.822	.0061	<.0000	<.0000	.0310
#4	.0207	<.0000	6.742	.0037	<.0000	<.0000	.0626

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0522	<.0000 ✓	<.0000 ✓
SDev	.0319	.0648	.0006	.0006
%RSD	2.252	124.3	20.63	46.51

#1	<.0000	.0311	<.0000	<.0000
#2	<.0000	.0914	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.1155	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26129

Run Time: 11/08/01 14:46:36

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0088	.0044	.0168	<.0000	8.679
SDev	.0006	.0049	.0345	.0015	.0004	.0000	.050
%RSD	31.15	119.6	391.5	33.65	2.441	50.00	.5787

#1	<.0000	<.0000	<.0000	.0057	.0172	<.0000	8.721
#2	<.0000	<.0000	.0516	.0031	.0165	<.0000	8.697
#3	<.0000	<.0000	.0204	.0057	.0172	<.0000	8.606
#4	<.0000	.0006	<.0000	.0031	.0165	<.0000	8.690

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	<.0000	.0104	.0306	<.0000	2.309
SDev	.0014	.0011	.0012	.0004	.0027	.5229	.017
%RSD	529.0	30.82	330.0	4.203	8.717	122.8	.7485

#1	<.0000	<.0000	<.0000	.0108	.0293	<.0000	2.327
#2	<.0000	<.0000	<.0000	.0100	.0346	<.0000	2.318
#3	.0009	<.0000	.0013	.0100	.0293	.2718	2.288
#4	.0019	<.0000	<.0000	.0108	.0293	<.0000	2.303

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0324	<.0000	10.44	.0006	<.0000	<.0000	.0345
SDev	.0003	.0034	.10	.0047	.0118	.0143	.0523
%RSD	.9683	46.21	.9696	806.0	189.1	33.26	151.6

#1	.0325	<.0000	10.49	<.0000	<.0000	<.0000	<.0000
#2	.0325	<.0000	10.54	.0069	.0071	<.0000	.1096
#3	.0319	<.0000	10.31	.0012	<.0000	<.0000	.0305
#4	.0325	<.0000	10.41	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0625	<.0000	.0004
SDev	.0254	.0268	.0011	.0014
%RSD	2.024	42.80	89.84	333.0

#1	<.0000	.0534	.0004	<.0000
#2	<.0000	.0414	<.0000	.0007
#3	<.0000	.1017	<.0000	.0007
#4	<.0000	.0535	<.0000	.0019

Analysis Report

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page 1

Method: IECW Sample Name: 26130
 Run Time: 11/08/01 14:51:10
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0017	.0151	<.0000	6.597
SDev	.0012	.0026	.0165	.0014	.0003	.0001	.014
%RSD	42.83	23.11	81.17	79.18	2.341	46.19	.2110

#1	<.0000	<.0000	<.0000	.0007	.0153	<.0000	6.593
#2	<.0000	<.0000	<.0000	.0038	.0153	<.0000	6.600
#3	<.0000	<.0000	<.0000	.0012	.0153	<.0000	6.614
#4	<.0000	<.0000	<.0000	.0012	.0146	<.0000	6.581

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	<.0000	<.0000	.0116	.0331	<.0000	1.519
SDev	.0009	.0017	.0011	.0009	.0013	.1490	.014
%RSD	549.4	45.92	44.75	7.555	4.046	13.83	.9108

#1	.0014	<.0000	<.0000	.0123	.0337	<.0000	1.499
#2	<.0000	<.0000	<.0000	.0123	.0337	<.0000	1.526
#3	.0004	<.0000	<.0000	.0108	.0337	<.0000	1.523
#4	<.0000	<.0000	<.0000	.0108	.0310	<.0000	1.529

Elem	Mn2576	Mo2020	Na5889	Ni2316	Rb2203	Sb2068	Se1960
Avge	.0288	<.0000	7.798	.0060	<.0000	<.0000	.0546
SDev	.0000	.0012	.039	.0016	.0045	.0171	.0377
%RSD	.0025	15.21	.5044	27.34	20.13	118.2	68.90

#1	.0288	<.0000	7.783	.0060	<.0000	<.0000	.0467
#2	.0288	<.0000	7.775	.0083	<.0000	<.0000	.1100
#3	.0288	<.0000	7.857	.0048	<.0000	<.0000	.0309
#4	.0288	<.0000	7.779	.0048	<.0000	<.0000	.0309

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0788	<.0000	.0012
SDev	.0153	.0341	.0000	.0006
%RSD	1.110	43.25	.0263	46.18

#1	<.0000	.0789	<.0000	.0008
#2	<.0000	.1029	<.0000	.0019
#3	<.0000	.0306	<.0000	.0008
#4	<.0000	.1030	<.0000	.0013

Analysis Report

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page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 11/08/01 14:53:14

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4796	.9683	.0000	.9893	.9951	.9777	1.001
SDev	.0022	.0048	.0220	.0074	.0040	.0058	.003
%RSD	.4684	.4960	182.4	.7464	.3998	.5933	.3177

#1	.4772	.9622	<.0000	.9855	.9900	.9705	.9993
#2	.4786	.9690	<.0000	.9809	.9942	.9754	.9995
#3	.4800	.9680	<.0000	.9941	.9970	.9826	1.006
#4	.4824	.9739	.0156	.9967	.9992	.9821	1.001

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.000	.9903	.9746	.9874	.9899	<.0000	.9727
SDev	.009	.0055	.0051	.0059	.0033	.2636	.0146
%RSD	.8956	.5516	.5276	.5924	.3305	28.25	1.502

#1	.9898	.9824	.9694	.9809	.9859	<.0000	.9667
#2	.9973	.9908	.9711	.9840	.9886	<.0000	.9697
#3	1.002	.9935	.9786	.9915	.9926	<.0000	.9606
#4	1.011	.9944	.9794	.9930	.9926	<.0000	.9939

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9952	.9195	1.005	1.016	.9482	.9600	.0464
SDev	.0069	.0166	.012	.014	.0235	.0421	.0472
%RSD	.6956	1.804	1.182	1.380	2.477	4.390	101.8

#1	.9861	.8988	1.016	.9995	.9224	.9088	<.0000
#2	.9936	.9134	1.012	1.030	.9366	.9657	.0583
#3	.9999	.9329	1.000	1.009	.9580	1.011	.1057
#4	1.001	.9329	.9903	1.025	.9758	.9543	.0266

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	1.087	.9778	.9794
SDev	.0240	.040	.0060	.0056
%RSD	1.787	3.662	.6177	.5690

#1	<.0000	1.090	.9691	.9732
#2	<.0000	1.078	.9784	.9766
#3	<.0000	1.042	.9809	.9858
#4	<.0000	1.138	.9828	.9818

Analysis Report

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page 1

Method: IECW Sample Name: cb

Operator: it

Run Time: 11/08/01 14:55:25

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280 ✓	Al3082 ✓	As1936	Bi2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avg	<.0000 ✓	<.0000 ✓	<.0000	.0018	<.0000 ✓	.0005 ✓	<.0000 ✓
SDev	.0003	.0076	.0445	.0021	.0003	.0002	.0014
%RSD	7.217	41.09	304.1	117.1	203.6	46.01	11.00

#1	<.0000	<.0000	<.0000	.0042	.0004	.0008	<.0000
#2	<.0000	<.0000	.0404	.0017	<.0000	.0006	<.0000
#3	<.0000	<.0000	<.0000	.0022	<.0000	.0004	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	.0003	<.0000

Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avg	.0004 ✓	<.0000 ✓	<.0000 ✓	.0011 ✓	.0017 ✓	<.0000	<.0000 ✓
SDev	.0024	.0021	.0007	.0012	.0023	.2184	.0175
%RSD	635.3	54.29	20.36	108.8	135.8	10.57	45.52

#1	.0030	<.0000	<.0000	.0027	.0040	<.0000	<.0000
#2	.0015	<.0000	<.0000	.0011	.0027	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0011	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	.0014	<.0000	<.0000

Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avg	.0000 ✓	.0207 ✓	<.0000 ✓	.0029 ✓	<.0000	<.0000	.0040
SDev	.0005	.0090	.0224	.0028	.0128	.0271	.0326
%RSD	22640.	43.47	1498.	97.55	53.32	68.08	809.4

#1	.0006	.0268	.0121	.0017	<.0000	<.0000	<.0000
#2	.0000	.0293	.0020	<.0000	<.0000	<.0000	.0317
#3	.0000	.0098	.0141	.0052	<.0000	<.0000	.0317
#4	<.0000	.0171	<.0000	.0052	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓
Avg	<.0000	.0061	<.0000 ✓	<.0000 ✓
SDev	.0336	.0752	.0009	.0005
%RSD	1.415	1232.	62.91	32.73

#1	<.0000	.0091	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.1055	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

11/08/01 02:59:34 PM

page 1

Method: IECW Sample Name: lfb

Operator: it

Run Time: 11/08/01 14:57:50

Comment:

Mode: CONC Corr. Factor: 1

11/13/01

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	.0221	.2394	.2205	.2466	.2506	.0485	.0217
SDev	.0012	.0062	.0382	.0026	.0009	.0002	.0019
%RSD	5.405	2.606	17.33	1.033	.3650	.3499	8.923

#1	.0218	.2407	.1636	.2463	.2496	.0483	.0223
#2	.0237	.2475	.2334	.2447	.2503	.0486	.0239
#3	.0208	.2368	.2439	.2503	.2517	.0486	.0193
#4	.0223	.2329	.2413	.2452	.2510	.0485	.0214

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1024	.0992	.2434	.2595	.2472	<.0000	<.0000
SDev	.0021	.0015	.0019	.0009	.0033	.3953	.0197
%RSD	2.071	1.485	.7900	.3670	1.325	26.61	99.55

#1	.1028	.1009	.2406	.2586	.2432	<.0000	<.0000
#2	.1052	.0996	.2443	.2609	.2499	<.0000	<.0000
#3	.1008	.0986	.2448	.2593	.2499	<.0000	<.0000
#4	.1008	.0975	.2439	.2593	.2459	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2519	.0925	.1407	.2622	.2271	.1987	.2796
SDev	.0011	.0028	.0175	.0077	.0101	.0197	.0779
%RSD	.4268	3.043	12.40	2.949	4.440	9.928	27.85

#1	.2505	.0900	.1326	.2634	.2270	.1930	.2045
#2	.2524	.0949	.1668	.2726	.2199	.2272	.3468
#3	.2530	.0900	.1306	.2553	.2199	.1816	.2203
#4	.2517	.0949	.1326	.2576	.2413	.1930	.3469

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.1893	.0960	.2529
SDev	.0798	.0638	.0013	.0030
%RSD	4.015	33.70	1.341	1.201

#1	<.0000	.2014	.0945	.2523
#2	<.0000	.1531	.0963	.2546
#3	<.0000	.1291	.0976	.2557
#4	<.0000	.2737	.0957	.2488

Analysis Report

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page 1

Method: IECW Sample Name: lrb

Operator: it

Run Time: 11/08/01 15:00:46

Comment:

Mode: CONC Corr. Factor: .1

11/13/01

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0011	.0058	.0075	.0009	.0000	.0000	.0021
%RSD	59.52	118.2	14.25	139.2	.0489	.0000	20.22

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

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	<.0000	<.0000	<.0000	.0010	<.0000	<.0000
SDev	.0020	.0011	.0012	.0006	.0007	.3094	.0089
%RSD	175.3	67.21	38.39	32.66	66.42	19.97	40.61

#1	<.0000	<.0000	<.0000	<.0000	.0013	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	.0013	<.0000	<.0000
#3	.0035	<.0000	<.0000	<.0000	.0013	<.0000	<.0000
#4	.0020	<.0000	<.0000	<.0000	.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0000	.0005	.0067	<.0000	<.0000	.0435
SDev	.0003	.0034	.0185	.0063	.0087	.0195	.0237
%RSD	201.5	84190.	3615.	94.50	81.68	75.89	54.55

#1	.0000	<.0000	.0161	.0087	<.0000	<.0000	.0633
#2	<.0000	.0049	.0040	.0133	<.0000	<.0000	.0317
#3	.0000	.0000	<.0000	<.0000	<.0000	<.0000	.0633
#4	.0000	<.0000	.0080	.0064	<.0000	<.0000	.0158

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0121	<.0000	<.0000
SDev	.0297	.0746	.0003	.0011
%RSD	1.333	616.7	20.01	151.6

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0091	<.0000	.0009
#3	<.0000	.1176	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000