

2/08/02 IT

11

BIU

899

ESTD

916

IPC+CB

917

IFB+CB

TSOOS

918

QC

938

939

IPC+CB

940

IPC+CB

941

839+Lab Dup +spk

IPC+CB

840

841

842

843

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846

847

848

IPC+CB

897+897 Lab Dup +spk

898

Reviewed by,

JB 5/8/02

Standardization Rpt.

02/08/02 11:26:28 AM

page 1

Method: IECW Standard: STD1-Blank
 Run Time: 02/08/02 11:24:45

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.613	4.582	.4225	.3180	.1820	.2370	4.767
SDev	.004	.016	.0107	.0082	.0000	.0026	.023
%RSD	.2557	.3463	2.546	2.568	.0000	1.089	.4814

#1	1.608	4.562	.4080	.3280	.1820	.2400	4.764
#2	1.616	4.586	.4240	.3180	.1820	.2380	4.780
#3	1.616	4.600	.4240	.3180	.1820	.2360	4.788
#4	1.610	4.578	.4340	.3080	.1820	.2340	4.736

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2955	2.875	1.117	.7170	.0035	6.450	1.515
SDev	.0057	.012	.005	.0038	.0030	.015	.009
%RSD	1.944	.4110	.4711	.5341	85.71	.2293	.5844

#1	.2960	2.880	1.116	.7160	.0060	6.432	1.520
#2	.2960	2.860	1.124	.7200	.0060	6.460	1.508
#3	.2880	2.874	1.112	.7200	.0020	6.464	1.524
#4	.3020	2.888	1.114	.7120	.0000	6.444	1.506

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1055	.1405	2.559	.5425	.7920	.1450	.1125
SDev	.0010	.0034	.015	.0072	.0065	.0066	.0019
%RSD	.9479	2.431	.5935	1.325	.8247	4.575	1.702

#1	.1040	.1440	2.558	.5480	.7920	.1460	.1120
#2	.1060	.1420	2.572	.5320	.7840	.1360	.1140
#3	.1060	.1400	2.568	.5440	.8000	.1520	.1140
#4	.1060	.1360	2.538	.5460	.7920	.1460	.1100

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.001	.1440	.8045	.1655
SDev	.006	.0082	.0057	.0030
%RSD	.5768	5.670	.7141	1.813

#1	.9940	.1420	.8040	.1640
#2	1.002	.1400	.8040	.1620
#3	1.008	.1560	.8120	.1680
#4	1.000	.1380	.7980	.1680

Standardization Rpt.

02/08/02 11:28:50 AM

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Method: IECW Standard: STD6
Run Time: 02/08/02 11:27:27



Elem	Ag3280
Avge	42.60
SDev	.05
%RSD	.1145

#1	42.58
#2	42.54
#3	42.60
#4	42.66



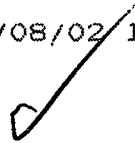
Standardization Rpt.

02/08/02 11:32:11 AM

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Method: IECW Standard: STD3

Run Time: 02/08/02 11:30:28



Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	22.40	223.0	14.09	5.014	12.18	17.46	1.284
SDev	.10	1.3	.08	.061	.07	.11	.015
%RSD	.4528	.5816	.5875	1.210	.5742	.6435	1.159

#1	22.29	222.0	14.00	4.970	12.17	17.32	1.262
#2	22.37	222.2	14.04	4.962	12.13	17.43	1.294
#3	22.53	224.8	14.19	5.092	12.28	17.60	1.292
#4	22.40	223.3	14.12	5.032	12.13	17.47	1.288

Elem	Tl1908
Avge	.9280
SDev	.0102
%RSD	1.099

#1	.9180
#2	.9280
#3	.9240
#4	.9420

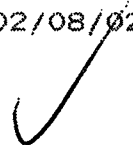
Standardization Rpt.

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Method: IECW Standard: STD4

Run Time: 02/08/02 11:33:07



Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	4.021	30.59	47.38	.7255	4.962
SDev	.078	.14	.13	.0134	.022
%RSD	1.949	.4724	.2707	1.848	.4395
#1	4.064	30.42	47.27	.7360	4.970
#2	4.012	30.54	47.29	.7060	4.930
#3	4.092	30.76	47.54	.7320	4.974
#4	3.914	30.63	47.44	.7280	4.976

Standardization Rpt.

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Method: IECW Standard: STD2

Run Time: 02/08/02 11:35:46



Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	27.35	113.1	36.91	135.0	24.23	12.20	8.370
SDev	.05	.2	.05	.4	.04	.02	.025
%RSD	.1889	.1947	.1482	.2729	.1521	.1287	.3041

#1	27.29	113.2	36.97	134.8	24.19	12.18	8.360
#2	27.38	113.2	36.94	135.5	24.26	12.21	8.408
#3	27.32	113.2	36.84	135.0	24.21	12.21	8.358
#4	27.40	112.8	36.90	134.6	24.26	12.18	8.354

Elem	Mn2576	Pb2203	Zn2138
Avge	29.87	6.305	26.18
SDev	.04	.039	.04
%RSD	.1365	.6115	.1708

#1	29.86	6.332	26.15
#2	29.90	6.324	26.22
#3	29.89	6.316	26.23
#4	29.81	6.248	26.14

Standardization Rpt.

02/08/02 11:40:36 AM

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Method: IECW Standard: STD5

Run Time: 02/08/02 11:39:14

Elem	V_2924
Avge	32.63
SDev	.10
%RSD	.3021

#1	32.77
#2	32.58
#3	32.58
#4	32.57

Analysis Report

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page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 02/08/02 13:06:58

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4892	1.004	.0189	.9942	.9959	.9865	.9949
SDev	.0012	.009	.0524	.0091	.0024	.0024	.0055
%RSD	.2494	.9235	278.0	.9186	.2367	.2410	.5508

#1	.4888	1.000	<.0000	1.003	.9983	.9861	.9941
#2	.4879	.9934	.0565	.9836	.9939	.9839	.9876
#3	.4908	1.014	.0563	1.001	.9976	.9897	1.0000
#4	.4893	1.010	.0174	.9896	.9939	.9862	.9981

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9982	.9814	.9970	.9654	1.021	<.0000	.9405
SDev	.0040	.0044	.0011	.0026	.005	.3771	.0131
%RSD	.4008	.4525	.1118	.2739	.5078	17.76	1.396

#1	1.002	.9767	.9957	.9650	1.027	<.0000	.9471
#2	.9925	.9785	.9975	.9633	1.015	<.0000	.9296
#3	.9996	.9854	.9966	.9692	1.024	<.0000	.9295
#4	.9991	.9848	.9983	.9641	1.018	<.0000	.9558

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9829	.9756	1.003	1.013	.9515	.9875	.1743
SDev	.0027	.0242	.011	.010	.0078	.0391	.1315
%RSD	.2763	2.478	1.071	.9905	.8228	3.958	75.46

#1	.9832	1.000	1.007	1.003	.9479	.9567	.0193
#2	.9805	.9592	.9903	1.018	.9515	1.045	.2478
#3	.9866	.9510	1.015	1.006	.9623	.9743	.3129
#4	.9812	.9920	.9986	1.025	.9442	.9743	.1172

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8691	1.147	.9810	.9882
SDev	.0137	.193	.0024	.0062
%RSD	1.571	16.79	.2480	.6271

#1	.8641	1.249	.9813	.9809
#2	.8591	1.070	.9775	.9855
#3	.8641	1.351	.9819	.9916
#4	.8893	.9166	.9832	.9947

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 02/08/02 13:10:17
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0007	.0091	.0516	.0019	.0000	.0001	.0006
%RSD	11.11	16.11	81.70	78.94	.0418	22.53	7.296

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

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
SDev	.0009	.0018	.0004	.0005	.0027	.1831	.0084
%RSD	642.6	30.88	8.514	5.775	16510.	6.299	18.54

#1	.0012	<.0000	<.0000	<.0000	.0004	<.0000	<.0000
#2	.0001	<.0000	<.0000	<.0000	.0018	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	.0018	<.0000	<.0000
#4	.0001	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	.0036	<.0000	.0222	.1389
SDev	.0003	.0108	.0069	.0068	.0165	.0363	.0188
%RSD	50.23	75.29	21.67	190.6	57.04	163.7	13.56

#1	<.0000	<.0000	<.0000	<.0000	<.0000	.0266	.1226
#2	<.0000	<.0000	<.0000	<.0000	<.0000	.0266	.1551
#3	<.0000	<.0000	<.0000	.0068	<.0000	<.0000	.1225
#4	<.0000	<.0000	<.0000	.0115	<.0000	.0618	.1552

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0193	<.0000	<.0000
SDev	.0082	.0322	.0011	.0009
%RSD	5.027	166.7	21.37	24.34

#1	<.0000	.0257	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0513	<.0000	<.0000
#4	<.0000	.0257	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: lfb

Operator: it

Run Time: 02/08/02 13:16:55

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0195	.2711	.2259	.2615	.2603	.0490	.0182
SDev	.0016	.0090	.0405	.0016	.0010	.0001	.0014
%RSD	8.260	3.315	17.93	6017	.4002	.2305	7.418

#1	.0199	.2678	.2577	.2598	.2595	.0489	.0193
#2	.0194	.2656	.2522	.2625	.2603	.0490	.0191
#3	.0174	.2667	.1692	.2605	.2617	.0491	.0163
#4	.0213	.2846	.2243	.2631	.2595	.0490	.0183

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1066	.1011	.2546	.2543	.2645	.0340	.0050
SDev	.0011	.0013	.0026	.0008	.0036	.2663	.0069
%RSD	1.056	1.240	1.013	.3199	1.343	783.2	138.6

#1	.1079	.1001	.2552	.2537	.2634	.3060	.0006
#2	.1051	.1007	.2518	.2537	.2649	<.0000	.0006
#3	.1068	.1008	.2535	.2545	.2691	<.0000	.0035
#4	.1068	.1029	.2578	.2554	.2606	.1700	.0152

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2530	.0930	.0778	.2656	.2525	.2757	.3343
SDev	.0008	.0047	.0237	.0046	.0140	.0336	.1086
%RSD	.3343	5.082	30.53	1.726	5.542	12.19	32.48

#1	.2528	.0889	.1063	.2722	.2363	.2845	.1870
#2	.2542	.0889	.0482	.2639	.2580	.2494	.4488
#3	.2528	.0971	.0793	.2651	.2471	.2494	.3506
#4	.2521	.0971	.0772	.2615	.2688	.3196	.3506

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2557	.2498	.0992	.2572
SDev	.0212	.0612	.0005	.0013
%RSD	8.295	24.49	.5171	.5101

#1	.2818	.2626	.0998	.2578
#2	.2321	.2883	.0992	.2555
#3	.2470	.2883	.0992	.2570
#4	.2619	.1598	.0986	.2586

Analysis Report

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Method: IECW Sample Name: lrp

Operator: it

Run Time: 02/08/02 13:20:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0020	<.0000	.0002	<.0000	.0000	<.0000
SDev	.0010	.0069	.0264	.0008	.0000	.0000	.0006
%RSD	119.0	352.2	53.06	497.3	.0870	42e6	68.08

#1	.0004	<.0000	<.0000	.0000	<.0000	.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0120	<.0000	<.0000	<.0000	.0000	<.0000
#4	<.0000	<.0000	<.0000	.0013	<.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0102
SDev	.0007	.0013	.0004	.0005	.0027	.1555	.0117
%RSD	167.5	64.68	17.55	57.74	95.67	365.9	115.2

#1	.0003	<.0000	<.0000	<.0000	<.0000	.0680	.0036
#2	<.0000	<.0000	<.0000	<.0000	.0007	<.0000	.0094
#3	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	.0007
#4	<.0000	<.0000	<.0000	<.0000	<.0000	.0340	.0269

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	.0057	<.0000	<.0000	<.0000	.0573
SDev	.0004	.0039	.0108	.0056	.0205	.0221	.0964
%RSD	230.4	63.81	189.0	220800.	2259.	125.7	168.2

#1	.0002	<.0000	.0088	.0035	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.0192	.0059	.0271	.0044	.1555
#4	.0002	<.0000	.0005	<.0000	.0018	<.0000	.1228

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	.0002	<.0000
SDev	.0075	.0629	.0008	.0009
%RSD	298.2	89.07	503.0	77.00

#1	<.0000	<.0000	.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000
#3	.0087	<.0000	.0000	<.0000
#4	<.0000	<.0000	.0013	<.0000

Analysis Report

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Method: IECW Sample Name: 839

Run Time: 02/08/02 13:24:57

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0064	.0126	<.0000	6.030
SDev	.0020	.0163	.0264	.0006	.0004	.0001	.036
%RSD	72.17	279.9	151.1	9.795	3.335	108.9	.5907

#1	<.0000	.0179	.0057	.0069	.0130	.0000	6.043
#2	<.0000	<.0000	<.0000	.0056	.0123	<.0000	5.984
#3	<.0000	<.0000	<.0000	.0062	.0123	<.0000	6.024
#4	<.0000	<.0000	<.0000	.0069	.0130	<.0000	6.068

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.312
SDev	.0024	.0004	.0016	.0015	.0045	.5202	.012
%RSD	389.6	10.66	180.3	147.4	14.47	170.0	.9454

#1	.0002	<.0000	.0008	.0011	.0381	.4081	1.328
#2	.0024	<.0000	<.0000	<.0000	.0282	<.0000	1.299
#3	<.0000	<.0000	<.0000	<.0000	.0296	<.0000	1.316
#4	<.0000	<.0000	<.0000	<.0000	.0296	<.0000	1.307

Elem	Mn2576	Mo2020	Na5889	N12316	Pb2203	Sb2068	Se1960
Avge	.0343	<.0000	7.469	<.0000	<.0000	.0349	.0321
SDev	.0000	.0000	.053	.0031	.0118	.0168	.0491
%RSD	.0041	.1141	.7079	931.9	655.5	48.04	153.1

#1	.0343	<.0000	7.487	<.0000	.0126	.0568	<.0000
#2	.0343	<.0000	7.391	.0009	<.0000	.0394	<.0000
#3	.0343	<.0000	7.489	<.0000	<.0000	.0218	.0894
#4	.0343	<.0000	7.510	.0032	<.0000	.0218	.0567

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9360	<.0000	<.0000	<.0000
SDev	.0025	.0555	.0012	.0008
%RSD	.2632	76.15	119.3	47.20

#1	.9397	<.0000	<.0000	<.0000
#2	.9348	<.0000	<.0000	<.0000
#3	.9348	.0042	<.0000	<.0000
#4	.9348	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 839

Operator: it

Run Time: 02/08/02 13:26:48

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0126	<.0000	6.124
SDev	.0018	.0141	.0681	.0006	.0004	.0000	.048
%RSD	72.59	466.5	97.13	18.46	3.360	50.00	.7861

#1	<.0000	.0001	.0281	.0036	.0130	<.0000	6.083
#2	<.0000	<.0000	<.0000	.0029	.0123	<.0000	6.157
#3	<.0000	.0090	<.0000	.0042	.0130	<.0000	6.174
#4	<.0000	.0023	<.0000	.0029	.0123	<.0000	6.083

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	<.0000	<.0000	<.0000	.0324	<.0000	1.346
SDev	.0014	.0016	.0022	.0014	.0012	.3505	.020
%RSD	1951.	35.73	97.22	97.34	3.562	74.97	1.510

#1	<.0000	<.0000	<.0000	<.0000	.0325	<.0000	1.319
#2	.0002	<.0000	<.0000	<.0000	.0310	<.0000	1.342
#3	.0018	<.0000	<.0000	.0003	.0339	<.0000	1.365
#4	<.0000	<.0000	<.0000	<.0000	.0324	<.0000	1.357

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0347	<.0000	7.600	<.0000	<.0000	<.0000	.1057
SDev	.0007	.0020	.025	.0049	.0112	.0227	.0681
%RSD	1.940	19.75	.3293	148.2	137.7	492.0	64.44

#1	.0350	<.0000	7.605	.0032	<.0000	.0042	.0239
#2	.0350	<.0000	7.603	<.0000	<.0000	<.0000	.1222
#3	.0350	<.0000	7.626	<.0000	.0018	.0217	.1875
#4	.0336	<.0000	7.566	<.0000	<.0000	<.0000	.0893

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9409	<.0000	<.0000	<.0000
SDev	.0110	.0529	.0013	.0006
%RSD	1.169	66.74	129.5	31.20

#1	.9447	<.0000	<.0000	<.0000
#2	.9298	<.0000	<.0000	<.0000
#3	.9545	<.0000	.0006	<.0000
#4	.9347	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 839lab dup

Operator: it

Run Time: 02/08/02 13:28:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0051	<.0000	.0067	.0130 ^{0.0126}	<.0000	6.164
SDev	.0012	.0092	.0497	.0019	.0000	.0000	.014 ^{6.124}
%RSD	60.23	182.2	165.2	28.27	.0111	.0000	.2205
#1	<.0000	<.0000	.0392	.0062	.0130	<.0000	6.161
#2	<.0000	.0045	<.0000	.0082	.0130	<.0000	6.184
#3	<.0000	.0123	<.0000	.0082	.0130	<.0000	6.155
#4	<.0000	.0112	<.0000	.0042	.0130	<.0000	6.156

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0009	<.0000	<.0000	<.0000	.0331	<.0000	1.352 ^{1.346}
SDev	.0007	.0017	.0016	.0012	.0034	.3231	.008
%RSD	77.33	61.21	65.84	208.5	10.19	108.6	.5683
#1	.0008	<.0000	<.0000	<.0000	.0282	<.0000	1.342
#2	.0008	<.0000	<.0000	<.0000	.0353	<.0000	1.360
#3	.0018	<.0000	<.0000	.0011	.0339	.1360	1.351
#4	.0002	<.0000	<.0000	<.0000	.0353	<.0000	1.357

Elem	Mn2576	Mo2020	Na5889	Ni2316	P62203	Sb2068	Se1960
Avge	.0355	<.0000	7.586 ^{7.4}	.0041	<.0000	<.0000	.1057
SDev	.0003	.0078	.027	.0064	.0168	.0144	.0824
%RSD	.9480	107.9	.3566	155.2	462.9	107.1	77.98
#1	.0357	<.0000	7.584	<.0000	<.0000	.0042	.2203
#2	.0350	<.0000	7.603	.0115	.0018	<.0000	.0893
#3	.0357	<.0000	7.549	.0056	.0162	<.0000	.0238
#4	.0357	.0030	7.609	.0032	<.0000	<.0000	.0893

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9595	<.0000	<.0000	<.0000
SDev	.0167	.0535	.0009	.0014
%RSD	1.741	613.4	419.8	292.7
#1	.9546	<.0000	<.0000	<.0000
#2	.9645	.0555	<.0000	.0003
#3	.9397	.0041	.0012	<.0000
#4	.9794	<.0000	<.0000	.0011

Analysis Report

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Method: IECW Sample Name: 839spk
 Run Time: 02/08/02 13:34:37
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0155	.2642	.2803	.2705	.2623	.0488	5.952
SDev	.0014	.0116	.0602	.0056	.0009	.0001	.013
%RSD	9.030	4.401	21.47	2.058	.3622	.2603	.2164
#1	.0134	.2547	.3399	.2760	.2626	.0487	5.936
#2	.0164	.2804	.2566	.2654	.2619	.0489	5.963
#3	.0159	.2648	.3177	.2661	.2634	.0488	5.962
#4	.0164	.2570	.2071	.2747	.2611	.0487	5.948
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1049	.0989	.2512	.2469	.2899	<.0000	1.303
SDev	.0021	.0019	.0004	.0014	.0032	.2971	.019
%RSD	1.965	1.876	.1747	.5875	1.086	116.5	1.439
#1	.1023	.0966	.2510	.2450	.2867	<.0000	1.296
#2	.1073	.1011	.2510	.2484	.2938	<.0000	1.310
#3	.1045	.0988	.2510	.2476	.2881	.0340	1.325
#4	.1056	.0990	.2519	.2467	.2910	<.0000	1.281
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2839	.0908	7.398	.2633	.2372	.2272	.2682
SDev	.0007	.0041	.027	.0118	.0137	.0504	.1323
%RSD	.2365	4.504	.3584	4.471	5.764	22.19	49.32
#1	.2829	.0929	7.364	.2576	.2399	.2317	.2518
#2	.2843	.0929	7.425	.2493	.2218	.2316	.3827
#3	.2843	.0929	7.389	.2730	.2544	.2843	.3500
#4	.2843	.0847	7.412	.2730	.2327	.1614	.0882
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	1.091	.2605	.0977	.2512			
SDev	.017	.0629	.0003	.0032			
%RSD	1.556	24.17	.3209	1.286			
#1	1.114	.2091	.0979	.2500			
#2	1.084	.2090	.0979	.2554			
#3	1.074	.2861	.0979	.2477			
#4	1.094	.3376	.0973	.2516			

Analysis Report

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Method: IECW Sample Name: 840

Operator: it

Run Time: 02/08/02 13:37:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0042	.0125	<.0000	6.091
SDev	.0014	.0086	.0497	.0018	.0004	.0000	.044
%RSD	36.31	451.0	92.97	42.09	2.966	50.00	.7231

#1	<.0000	<.0000	<.0000	.0029	.0123	<.0000	6.039
#2	<.0000	.0090	.0059	.0036	.0130	<.0000	6.069
#3	<.0000	.0000	<.0000	.0036	.0123	<.0000	6.127
#4	<.0000	<.0000	<.0000	.0069	.0123	<.0000	6.129

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0028	.0317	<.0000	1.310
SDev	.0007	.0023	.0018	.0012	.0025	.1015	.012
%RSD	53.15	51.91	59.99	42.52	7.742	14.75	.8868

#1	<.0000	<.0000	<.0000	.0020	.0296	<.0000	1.304
#2	<.0000	<.0000	<.0000	.0028	.0310	<.0000	1.304
#3	<.0000	<.0000	<.0000	.0045	.0310	<.0000	1.328
#4	<.0000	<.0000	<.0000	.0020	.0353	<.0000	1.304

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0362	<.0000	7.131	.0003	<.0000	<.0000	.1466
SDev	.0006	.0039	.065	.0087	.0068	.0321	.1081
%RSD	1.777	37.94	.9097	3282.	252.1	239.8	73.74

#1	.0357	<.0000	7.134	<.0000	<.0000	.0218	.0239
#2	.0363	<.0000	7.066	<.0000	<.0000	<.0000	.0893
#3	.0370	<.0000	7.107	.0056	.0018	<.0000	.2530
#4	.0357	<.0000	7.219	.0091	.0018	.0042	.2203

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9410	<.0000	<.0000	.0007
SDev	.0110	.0629	.0015	.0010
%RSD	1.168	86.34	91.41	146.8

#1	.9298	<.0000	<.0000	.0003
#2	.9447	<.0000	<.0000	.0018
#3	.9546	<.0000	<.0000	.0011
#4	.9348	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 843

Operator: it

Run Time: 02/08/02 13:46:36

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0059	.0128	<.0000	6.109
SDev	.0006	.0039	.0291	.0018	.0004	.0000	.023
%RSD	20.29	117.1	217.6	29.71	2.862	.0000	.3841

#1	<.0000	.0023	.0059	.0049	.0130	<.0000	6.138
#2	<.0000	<.0000	<.0000	.0082	.0130	<.0000	6.119
#3	<.0000	<.0000	<.0000	.0062	.0130	<.0000	6.088
#4	<.0000	<.0000	.0171	.0042	.0123	<.0000	6.093

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	<.0000	<.0000	.0054	.0342	<.0000	1.328
SDev	.0014	.0008	.0013	.0014	.0027	.2279	.011
%RSD	123.5	26.07	47.06	25.82	7.863	31.54	.7994

#1	.0002	<.0000	<.0000	.0054	.0339	<.0000	1.316
#2	.0024	<.0000	<.0000	.0071	.0324	<.0000	1.333
#3	.0024	<.0000	<.0000	.0054	.0324	<.0000	1.339
#4	<.0000	<.0000	<.0000	.0037	.0381	<.0000	1.322

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0373	<.0000	7.266	.0020	<.0000	<.0000	.0403
SDev	.0007	.0033	.035	.0056	.0154	.0176	.0627
%RSD	1.799	24.96	.4797	272.7	169.7	381.5	155.7

#1	.0370	<.0000	7.256	.0056	.0018	.0042	<.0000
#2	.0370	<.0000	7.315	.0044	.0018	.0042	.0894
#3	.0384	<.0000	7.232	.0044	<.0000	<.0000	.0894
#4	.0370	<.0000	7.263	<.0000	<.0000	.0042	.0239

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.9571	.0491	<.0000	<.0000
SDev	.0103	.1518	.0009	.0009
%RSD	1.078	309.0	127.9	185.8

#1	.9447	<.0000	<.0000	<.0000
#2	.9596	.2611	.0006	<.0000
#3	.9695	<.0000	<.0000	.0003
#4	.9546	.0556	<.0000	.0003

Analysis Report

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Method: IECW Sample Name: 844

Operator: it

Run Time: 02/08/02 13:57:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0056	.0128	<.0000	6.177
SDev	.0013	.0131	.0273	.0022	.0004	.0001	.014
%RSD	47.36	296.5	95.67	39.95	2.876	46.19	.2317

#1	<.0000	.0023	<.0000	.0082	.0130	<.0000	6.185
#2	<.0000	<.0000	<.0000	.0062	.0130	<.0000	6.172
#3	<.0000	.0090	<.0000	.0049	.0130	<.0000	6.159
#4	<.0000	<.0000	.0062	.0029	.0123	<.0000	6.192

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0010	<.0000	<.0000	.0028	.0360	<.0000	1.320
SDev	.0010	.0007	.0016	.0007	.0018	.4234	.018
%RSD	101.8	27.47	80.26	24.59	5.083	57.91	1.338

#1	.0013	<.0000	<.0000	.0028	.0381	<.0000	1.345
#2	.0002	<.0000	<.0000	.0028	.0367	<.0000	1.313
#3	.0002	<.0000	<.0000	.0037	.0353	<.0000	1.304
#4	.0024	<.0000	<.0000	.0020	.0339	<.0000	1.316

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0362	<.0000	7.593	.0044	.0000	<.0000	.0566
SDev	.0003	.0058	.003	.0045	.0233	.0143	.1102
%RSD	.9274	111.1	.0344	102.9	338800.	46.29	194.5

#1	.0363	.0030	7.597	.0079	.0271	<.0000	.0239
#2	.0363	<.0000	7.593	.0080	<.0000	<.0000	.0894
#3	.0357	<.0000	7.593	.0032	.0090	<.0000	.1875
#4	.0363	<.0000	7.590	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9658	<.0000	<.0000	<.0000
SDev	.0143	.0914	.0009	.0013
%RSD	1.479	425.2	421.7	1416.

#1	.9546	<.0000	<.0000	.0011
#2	.9546	.1070	.0006	.0003
#3	.9844	<.0000	.0006	.0003
#4	.9695	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 895

Operator: it

Run Time: 02/08/02 14:11:40

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0092	.0785	.0174	.0064	.0139	.0002	6.240
SDev	.0012	.0059	.0114	.0013	.0004	.0001	.022
%RSD	13.30	7.476	65.68	19.66	2.657	32.99	.3536

#1	.0076	.0704	.0105	.0055	.0137	.0001	6.244
#2	.0090	.0783	.0270	.0055	.0137	.0001	6.225
#3	.0095	.0839	.0049	.0062	.0145	.0002	6.223
#4	.0105	.0816	.0270	.0082	.0137	.0002	6.270

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0031	.0050	.0062	.0107	.0306	2.023	1.403
SDev	.0013	.0019	.0008	.0008	.0021	.238	.016
%RSD	42.00	37.41	12.08	7.616	6.941	11.76	1.109

#1	.0040	.0030	.0060	.0105	.0338	1.938	1.423
#2	.0040	.0050	.0060	.0096	.0296	2.278	1.403
#3	.0013	.0046	.0055	.0113	.0296	2.142	1.386
#4	.0029	.0076	.0073	.0113	.0296	1.734	1.400

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0328	<.0000	8.391	.0115	.0351	.0259	.0972
SDev	.0003	.0039	.034	.0061	.0095	.0300	.1013
%RSD	1.027	179.3	.4073	53.23	27.11	115.8	104.2

#1	.0323	<.0000	8.439	.0044	.0342	<.0000	.0891
#2	.0330	<.0000	8.387	.0186	.0269	.0391	.1545
#3	.0330	<.0000	8.358	.0091	.0486	.0215	<.0000
#4	.0330	.0029	8.381	.0138	.0305	.0566	.1873

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.139	.0297	.0070	.0030
SDev	.019	.1205	.0018	.0013
%RSD	1.647	406.1	25.80	44.77

#1	1.113	.1324	.0050	.0041
#2	1.153	.1324	.0068	.0018
#3	1.138	<.0000	.0094	.0018
#4	1.153	<.0000	.0068	.0041

Analysis Report

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Method: IECW Sample Name: 896

Operator: it

Run Time: 02/08/02 14:14:16

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0084	.0774	.0363	.0087	.0156	.0002	8.071
SDev	.0013	.0103	.0396	.0017	.0004	.0000	.042
%RSD	15.26	13.35	109.1	19.61	2.340	.0000	.5144

#1	.0085	.0624	.0932	.0107	.0150	.0002	8.013
#2	.0095	.0847	.0320	.0094	.0157	.0002	8.097
#3	.0090	.0836	.0044	.0067	.0157	.0002	8.104
#4	.0066	.0791	.0155	.0080	.0157	.0002	8.071

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0028	.0045	.0059	.0123	.0360	1.862	2.069
SDev	.0016	.0013	.0019	.0014	.0024	.368	.006
%RSD	56.73	29.06	31.63	11.76	6.757	19.75	.3110

#1	.0029	.0048	.0043	.0121	.0392	1.700	2.059
#2	.0029	.0055	.0052	.0130	.0363	1.836	2.074
#3	.0045	.0052	.0086	.0138	.0349	2.380	2.071
#4	.0007	.0026	.0056	.0104	.0335	1.530	2.071

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0433	<.0000	9.614	.0051	.0477	.0258	.1869
SDev	.0007	.0053	.015	.0034	.0140	.0415	.0707
%RSD	1.549	71.89	.1599	66.59	29.24	160.8	37.83

#1	.0423	<.0000	9.596	.0042	.0414	<.0000	.1870
#2	.0437	<.0000	9.615	.0078	.0667	.0565	.1215
#3	.0437	<.0000	9.634	.0007	.0486	.0214	.1542
#4	.0437	<.0000	9.611	.0078	.0342	.0565	.2851

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.236	.0607	.0074	.0016
SDev	.020	.0642	.0005	.0013
%RSD	1.639	105.8	6.895	82.30

#1	1.211	.0800	.0068	.0010
#2	1.236	<.0000	.0081	.0018
#3	1.261	.0543	.0074	.0033
#4	1.236	.1314	.0074	.0002

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 02/08/02 14:27:57
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4969	1.062	.0929	1.004	.9962	1.006	1.020
SDev	.0032	.019	.0197	.009	.0062	.006	.005
%RSD	.6536	1.831	21.21	.9185	.6169	.5890	.4545

#1	.4924	1.070	.1081	1.002	.9899	.9990	1.014
#2	.4987	1.070	.0969	.9975	.9980	1.009	1.023
#3	.4968	1.033	.0641	1.000	.9929	1.003	1.018
#4	.4997	1.075	.1024	1.018	1.004	1.012	1.025

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.000	1.002	1.018	.9677	1.031	.6835	1.000
SDev	.008	.007	.008	.0067	.012	.5143	.020
%RSD	.7735	.6650	.7553	.6921	1.126	75.26	2.004

#1	.9911	.9936	1.008	.9591	1.016	1.453	.9849
#2	1.005	1.009	1.019	.9694	1.043	.4499	1.029
#3	.9971	1.000	1.020	.9668	1.028	.4499	.9996
#4	1.008	1.005	1.026	.9753	1.036	.3807	.9879

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9941	.9715	1.019	1.040	1.004	.9643	.0029
SDev	.0064	.0293	.010	.005	.007	.0392	.2025
%RSD	.6471	3.012	1.029	.5048	.6641	4.067	7013

#1	.9871	.9408	1.011	1.035	.9967	1.013	.2589
#2	.9965	.9736	1.025	1.042	1.000	.9245	<.0000
#3	.9911	.9613	1.030	1.047	1.011	.9776	<.0000
#4	1.002	1.010	1.009	1.037	1.008	.9422	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.7107	1.034	.9975	.9999
SDev	.0290	.111	.0054	.0095
%RSD	4.080	10.71	.5454	.9482

#1	.7095	.9298	.9926	.9909
#2	.7512	1.191	.9989	1.011
#3	.6833	1.008	.9938	.9932
#4	.6990	1.008	1.005	1.005

Analysis Report

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page 1

Method: IECW Sample Name: cb

Operator: it

Run Time: 02/08/02 14:35:28

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0039	.0194	.0358	<.0000	.0002	.0001	.0037
SDev	.0009	.0064	.0454	.0008	.0004	.0000	.0014
%RSD	23.94	32.80	126.8	85.65	201.4	.0000	38.88
#1	.0032	.0149	.0844	<.0000	.0004	.0001	.0022
#2	.0041	.0149	<.0000	<.0000	.0004	.0001	.0039
#3	.0032	.0284	.0232	<.0000	<.0000	.0001	.0030
#4	.0051	.0194	.0566	<.0000	.0004	.0001	.0056
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	.0019	.0041	.0019	.0025	.6056	.0154
SDev	.0014	.0013	.0011	.0005	.0027	.1535	.0108
%RSD	336.2	66.32	26.36	25.67	109.7	25.34	70.44
#1	<.0000	.0023	.0038	.0023	.0046	.4499	.0197
#2	.0023	.0034	.0055	.0015	<.0000	.5191	.0227
#3	.0001	.0005	.0042	.0015	.0046	.6575	<.0000
#4	.0001	.0013	.0029	.0023	.0018	.7959	.0197
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0002	<.0000	.0121	.0044	.0199	<.0000	<.0000
SDev	.0003	.0041	.0063	.0029	.0138	.0302	.0949
%RSD	201.6	132.8	51.95	65.37	69.05	136.3	229.4
#1	<.0000	.0031	.0094	.0009	.0399	<.0000	<.0000
#2	.0007	<.0000	.0052	.0080	.0181	<.0000	.0990
#3	<.0000	<.0000	.0137	.0044	.0108	<.0000	<.0000
#4	<.0000	<.0000	.0200	.0044	.0109	.0088	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	<.0000	<.0000	.0013	<.0000			
SDev	.0173	.1053	.0009	.0008			
%RSD	5.371	80.60	75.08	38570.			
#1	<.0000	<.0000	.0008	<.0000			
#2	<.0000	<.0000	.0020	<.0000			
#3	<.0000	.0196	.0002	<.0000			
#4	<.0000	<.0000	.0020	.0012			

Analysis Report

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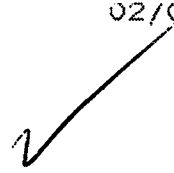
Method: IECW Sample Name: 897

Operator: it

Run Time: 02/08/02 14:38:27

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0000	.0093	.0169	.0027	.0130	<.0000	6.343
SDev	.0016	.0065	.0268	.0008	.0000	.0000	.024
%RSD	7598.	69.31	158.4	30.38	.0198	.0000	.3821

#1	.0006	.0096	<.0000	.0029	.0130	<.0000	6.331
#2	.0006	.0175	.0224	.0036	.0130	<.0000	6.363
#3	.0011	.0085	.0280	.0016	.0130	<.0000	6.363
#4	<.0000	.0017	.0392	.0029	.0130	<.0000	6.314

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0018	.0003	.0022	.0088	.0370	.0952	1.347
SDev	.0009	.0012	.0013	.0004	.0014	.1451	.007
%RSD	50.56	417.2	60.49	4.840	3.835	152.5	.5430

#1	.0023	<.0000	.0030	.0090	.0349	.0346	1.350
#2	.0028	.0011	.0034	.0090	.0377	.0346	1.350
#3	.0006	.0014	.0004	.0090	.0377	.3115	1.350
#4	.0017	<.0000	.0021	.0081	.0377	.0000	1.336

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0363	<.0000	7.645	.0062	<.0000	<.0000	.0406
SDev	.0006	.0070	.030	.0040	.0113	.0306	.0495
%RSD	1.771	67.65	.3906	65.27	612.1	170.8	122.1

#1	.0355	<.0000	7.617	.0006	.0109	<.0000	.0653
#2	.0362	<.0000	7.680	.0065	.0036	<.0000	<.0000
#3	.0368	<.0000	7.659	.0077	<.0000	.0263	.0984
#4	.0368	<.0000	7.624	.0100	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6658	<.0000	.0002	.0005
SDev	.0350	.0579	.0014	.0007
%RSD	5.254	43.57	565.6	153.5

#1	.6618	<.0000	.0007	.0011
#2	.7036	<.0000	.0013	.0011
#3	.6775	<.0000	.0007	<.0000
#4	.6201	<.0000	<.0000	.0003

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Method: IECW Sample Name: 8971ab dup

Operator: it

Run Time: 02/08/02 14:42:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0102	.0308	.0019	.0130	<.0000	6.379
SDev	.0005	.0160	.0222	.0029	.0000	.0000	.035
%RSD	65.61	157.9	72.13	150.5	.0255	.0000	.5505
#1	<.0000	.0209	.0445	<.0000	.0130	<.0000	6.375
#2	<.0000	<.0000	.0005	.0009	.0130	<.0000	6.373
#3	<.0000	.0254	.0500	.0042	.0130	<.0000	6.427
#4	<.0000	.0040	.0281	.0042	.0130	<.0000	6.342
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0023	<.0000	.0015	.0081	.0356	<.0000	1.339
SDev	.0019	.0012	.0018	.0007	.0029	.1798	.009
%RSD	86.21	369.7	122.2	8.540	8.296	54.70	.6438
#1	<.0000	<.0000	<.0000	.0073	.0392	<.0000	1.339
#2	.0039	<.0000	.0012	.0081	.0321	<.0000	1.330
#3	.0033	.0013	.0038	.0081	.0363	<.0000	1.336
#4	.0023	<.0000	.0012	.0090	.0349	<.0000	1.350
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0362	<.0000	7.673	.0041	<.0000	<.0000	.1149
SDev	.0000	.0039	.032	.0042	.0086	.0169	.1128
%RSD	.0020	23.84	.4123	102.6	72.33	34.69	98.18
#1	.0362	<.0000	7.685	<.0000	<.0000	<.0000	.1314
#2	.0362	<.0000	7.691	.0077	<.0000	<.0000	<.0000
#3	.0362	<.0000	7.691	.0041	<.0000	<.0000	.0653
#4	.0362	<.0000	7.626	.0065	<.0000	<.0000	.2635
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.6514	<.0000	<.0000	.0012			
SDev	.0095	.1421	.0008	.0016			
%RSD	1.462	133.1	361.6	127.0			
#1	.6462	<.0000	.0007	<.0000			
#2	.6410	<.0000	.0001	.0026			
#3	.6619	<.0000	<.0000	.0026			
#4	.6566	.0957	<.0000	.0003			

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Method: IECW Sample Name: 897spk
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 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0198	.2895	.3030	.2639	.2615	.0497	6.185
SDev	.0021	.0097	.0474	.0022	.0007	.0002	.014
%RSD	10.75	3.365	15.66	.8288	.2814	.3420	.2317
#1	.0177	.2785	.3406	.2636	.2626	.0498	6.199
#2	.0182	.2898	.3460	.2616	.2612	.0497	6.167
#3	.0216	.2876	.2517	.2669	.2612	.0494	6.179
#4	.0216	.3022	.2737	.2636	.2612	.0498	6.193
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.1033	.1051	.2593	.2573	.2965	.3807	1.316
SDev	.0033	.0021	.0016	.0007	.0024	.5811	.015
%RSD	3.201	2.005	.6358	.2698	.8163	152.7	1.110
#1	.1000	.1051	.2589	.2573	.2961	<.0000	1.306
#2	.1017	.1075	.2572	.2565	.2933	.7613	1.300
#3	.1077	.1024	.2606	.2582	.2990	.6575	1.327
#4	.1039	.1053	.2606	.2573	.2975	.5883	1.330
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.2883	.0878	7.416	.2641	.2682	.2242	.2870
SDev	.0011	.0070	.042	.0062	.0208	.0222	.1604
%RSD	.3978	7.971	.5670	2.358	7.739	9.917	55.88
#1	.2888	.0889	7.477	.2552	.2573	.2022	.1302
#2	.2868	.0807	7.403	.2647	.2464	.2552	.4935
#3	.2895	.0970	7.403	.2671	.2755	.2198	.1962
#4	.2882	.0847	7.380	.2695	.2936	.2198	.3283
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.9086	.0885	.1005	.2537			
SDev	.0320	.1053	.0006	.0016			
%RSD	3.520	119.0	.5981	.6248			
#1	.8916	.1473	.1000	.2554			
#2	.8760	.0951	.1000	.2523			
#3	.9177	.1734	.1013	.2546			
#4	.9490	<.0000	.1006	.2523			

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Method: IECW Sample Name: 898

Run Time: 02/08/02 14:55:28

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0006	<.0000	.0036	.0126	<.0000	6.485
SDev	.0015	.0059	.0319	.0030	.0004	.0000	.021
%RSD	645.6	1020.	214.5	84.26	3.375	.0000	.3284
#1	.0011	.0085	<.0000	.0075	.0130	<.0000	6.503
#2	.0001	<.0000	.0227	.0029	.0130	<.0000	6.456
#3	.0001	.0017	.0004	.0003	.0122	<.0000	6.499
#4	<.0000	<.0000	<.0000	.0036	.0122	<.0000	6.483
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0016	<.0000	.0015	.0035	.0363	<.0000	1.337
SDev	.0008	.0023	.0009	.0015	.0012	.3138	.013
%RSD	52.08	1088.	61.94	42.62	3.189	88.48	.9704
#1	.0023	.0031	.0012	.0039	.0363	<.0000	1.356
#2	.0023	<.0000	.0025	.0047	.0349	<.0000	1.333
#3	.0006	<.0000	.0004	.0039	.0377	<.0000	1.333
#4	.0012	<.0000	.0017	.0013	.0363	<.0000	1.327
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0210	<.0000	7.659	.0062	<.0000	<.0000	.1149
SDev	.0007	.0071	.025	.0034	.0153	.0521	.0786
%RSD	3.193	62.45	.3324	55.03	168.2	194.7	68.43
#1	.0207	<.0000	7.664	.0065	<.0000	<.0000	.0653
#2	.0207	<.0000	7.622	.0100	.0109	<.0000	.1975
#3	.0221	<.0000	7.676	.0065	<.0000	.0263	.0323
#4	.0207	<.0000	7.674	.0017	<.0000	<.0000	.1645
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6619	<.0000	<.0000	.0016			
SDev	.0176	.0250	.0003	.0011			
%RSD	2.655	12.63	45.17	70.69			
#1	.6670	<.0000	<.0000	.0003			
#2	.6410	<.0000	<.0000	.0026			
#3	.6566	<.0000	<.0000	.0026			
#4	.6828	<.0000	<.0000	.0011			

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Method: IECW Sample Name: 899

Operator: it

Run Time: 02/08/02 14:59:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0003	.0183	.0016	.0019	.0126	<.0000	6.303
SDev	.0021	.0083	.0498	.0013	.0004	.0001	.033
%RSD	786.0	45.51	3203.	66.38	3.343	76.98	.5287

#1	<.0000	.0209	.0445	.0009	.0123	<.0000	6.287
#2	.0011	.0254	<.0000	.0022	.0130	<.0000	6.348
#3	<.0000	.0062	.0447	.0036	.0123	<.0000	6.271
#4	.0026	.0209	<.0000	.0009	.0130	<.0000	6.307

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	.0008	.0037	.0081	.0374	<.0000	1.361
SDev	.0012	.0010	.0012	.0015	.0007	.1924	.013
%RSD	161.1	124.1	33.31	19.07	1.886	96.70	.9536

#1	.0023	<.0000	.0047	.0073	.0377	<.0000	1.353
#2	.0001	.0016	.0047	.0090	.0377	<.0000	1.365
#3	<.0000	.0014	.0021	.0064	.0363	<.0000	1.347
#4	.0012	.0011	.0034	.0098	.0377	<.0000	1.377

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0296	<.0000	7.638	.0041	.0227	<.0000	.0571
SDev	.0003	.0058	.025	.0032	.0146	.0418	.1217
%RSD	1.133	110.9	.3309	78.20	64.60	888.5	213.3

#1	.0294	<.0000	7.632	.0029	.0145	.0262	.0653
#2	.0301	<.0000	7.674	.0088	.0217	<.0000	.0653
#3	.0294	<.0000	7.615	.0029	.0109	<.0000	<.0000
#4	.0294	.0030	7.630	.0017	.0436	.0262	.1974

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6801	<.0000	.0006	.0039
SDev	.0284	.0539	.0013	.0011
%RSD	4.178	79.64	231.4	29.26

#1	.6775	<.0000	.0020	.0026
#2	.7036	<.0000	<.0000	.0049
#3	.6410	<.0000	<.0000	.0034
#4	.6983	<.0000	.0013	.0049

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Method: IECW Sample Name: 916

Operator: it

Run Time: 02/08/02 15:03:15

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0406	.0031	.0132	<.0000	6.250
SDev	.0006	.0022	.0277	.0029	.0004	.0000	.022
%RSD	86.44	198.5	68.14	93.42	2.795	50.00	.3489

#1	<.0000	.0017	.0448	<.0000	.0130	<.0000	6.236
#2	<.0000	<.0000	.0226	.0042	.0130	<.0000	6.236
#3	.0001	<.0000	.0781	.0056	.0130	<.0000	6.282
#4	<.0000	<.0000	.0171	.0036	.0137	<.0000	6.247

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0014	.0013	.0011	<.0000	.0313	<.0000	1.361
SDev	.0006	.0008	.0017	.0004	.0025	.1750	.006
%RSD	38.06	59.55	150.9	73.45	7.846	44.96	.4119

#1	.0012	.0005	<.0000	<.0000	.0335	<.0000	1.353
#2	.0023	.0010	.0017	<.0000	.0292	<.0000	1.365
#3	.0012	.0014	.0025	<.0000	.0335	<.0000	1.359
#4	.0012	.0023	.0017	<.0000	.0292	<.0000	1.365

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0340	<.0000	4.584	.0080	<.0000	<.0000	.0324
SDev	.0006	.0071	.014	.0046	.0104	.0335	.1265
%RSD	1.894	62.49	.3109	57.52	88.39	149.9	391.0

#1	.0348	<.0000	4.578	.0017	<.0000	<.0000	<.0000
#2	.0342	<.0000	4.605	.0124	<.0000	.0263	.1314
#3	.0335	<.0000	4.573	.0077	<.0000	<.0000	.1314
#4	.0335	<.0000	4.580	.0100	.0036	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4151	<.0000	<.0000	.0005
SDev	.0108	.0539	.0006	.0014
%RSD	2.592	36.89	73.66	302.4

#1	.4060	<.0000	<.0000	<.0000
#2	.4060	<.0000	<.0000	<.0000
#3	.4217	<.0000	<.0000	.0026
#4	.4269	<.0000	<.0000	.0003

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Method: IECW Sample Name: 917

Run Time: 02/08/02 15:06:45

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1054	.0125	.0287	<.0000	25.21
SDev	.0005	.0034	.0411	.0008	.0006	.0000	.05
%RSD	46.14	42.19	39.03	6.699	2.084	.0000	.2167

#1	<.0000	<.0000	.1068	.0126	.0279	<.0000	25.18
#2	<.0000	<.0000	.1124	.0113	.0294	<.0000	25.26
#3	<.0000	<.0000	.1512	.0126	.0287	<.0000	25.25
#4	<.0000	<.0000	.0513	.0133	.0287	<.0000	25.15

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0016	<.0000	.0032	<.0000	.0539	1.142	8.389
SDev	.0013	.0021	.0015	.0014	.0012	.284	.024
%RSD	79.46	122.4	45.97	96.86	2.161	24.87	.2810

#1	.0019	<.0000	.0014	<.0000	.0539	.8651	8.365
#2	.0025	<.0000	.0026	<.0000	.0539	1.004	8.420
#3	<.0000	<.0000	.0044	<.0000	.0524	1.177	8.391
#4	.0025	.0007	.0044	<.0000	.0553	1.523	8.379

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0832	<.0000	28.25	.0095	<.0000	<.0000	.0538
SDev	.0014	.0071	.10	.0065	.0091	.0302	.0780
%RSD	1.664	92.02	.3505	68.68	91.11	207.4	145.0

#1	.0820	<.0000	28.17	.0083	<.0000	<.0000	<.0000
#2	.0840	<.0000	28.30	.0012	.0000	<.0000	<.0000
#3	.0847	<.0000	28.36	.0118	<.0000	.0252	.0621
#4	.0820	<.0000	28.16	.0166	<.0000	<.0000	.1612

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.249	<.0000	<.0000	<.0000
SDev	.021	.0392	.0004	.0007
%RSD	1.706	49.69	66.69	295.3

#1	1.244	<.0000	<.0000	<.0000
#2	1.239	<.0000	<.0000	<.0000
#3	1.281	<.0000	<.0000	.0007
#4	1.234	<.0000	<.0000	<.0000

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Method: IECW Sample Name: 918

Operator: it

Run Time: 02/08/02 15:09:03

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0133	.0363	.0021	.0130	<.0000	6.234
SDev	.0015	.0080	.0644	.0008	.0000	.0000	.024
%RSD	1522.	60.13	177.6	40.05	.0190	.0000	.3807

#1	.0021	.0231	.1000	.0009	.0130	<.0000	6.243
#2	<.0000	.0074	.0669	.0029	.0130	<.0000	6.255
#3	<.0000	.0164	<.0000	.0022	.0130	<.0000	6.237
#4	<.0000	.0062	.0281	.0023	.0130	<.0000	6.200

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0028	<.0000	.0013	<.0000	.0321	<.0000	1.369
SDev	.0004	.0013	.0016	.0008	.0026	.2605	.009
%RSD	15.92	156.3	118.9	140.7	8.073	188.2	.6843

#1	.0033	<.0000	.0012	.0005	.0335	.2422	1.377
#2	.0023	<.0000	<.0000	<.0000	.0306	<.0000	1.362
#3	.0028	.0005	.0012	<.0000	.0349	<.0000	1.377
#4	.0028	<.0000	.0034	<.0000	.0292	<.0000	1.359

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0333	<.0000	4.593	.0035	<.0000	<.0000	<.0000
SDev	.0003	.0041	.020	.0059	.0199	.0306	.0786
%RSD	1.008	26.48	.4362	168.9	53980.	85.91	455.9

#1	.0335	<.0000	4.599	.0041	.0290	<.0000	<.0000
#2	.0328	<.0000	4.615	<.0000	<.0000	<.0000	<.0000
#3	.0335	<.0000	4.567	.0017	<.0000	<.0000	.0323
#4	.0335	<.0000	4.592	.0112	<.0000	<.0000	.0323

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3838	<.0000	.0001	.0003
SDev	.0183	.1023	.0014	.0006
%RSD	4.759	53.36	1522.	217.9

#1	.4060	<.0000	.0020	.0003
#2	.3903	<.0000	.0001	<.0000
#3	.3746	<.0000	<.0000	.0011
#4	.3642	<.0000	<.0000	.0003

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Method: IECW Sample Name: 938

Operator: it

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Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0059	.0045	.0070	.0132	<.0000	6.251
SDev	.0006	.0097	.0386	.0016	.0000	.0000	.015
%RSD	57.07	163.8	859.1	22.33	.0148	.0000	.2419

#1	<.0000	.0051	<.0000	.0060	.0132	<.0000	6.246
#2	<.0000	.0107	.0586	.0080	.0132	<.0000	6.239
#3	<.0000	.0152	<.0000	.0087	.0132	<.0000	6.273
#4	<.0000	<.0000	.0033	.0054	.0132	<.0000	6.247

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	.0014	<.0000	.0003	.0363	<.0000	1.365
SDev	.0014	.0007	.0015	.0013	.0008	.2556	.015
%RSD	420.0	49.46	215.6	469.8	2.270	174.0	1.107

#1	.0010	.0014	<.0000	<.0000	.0370	<.0000	1.359
#2	<.0000	.0005	.0002	.0018	.0356	.1642	1.371
#3	.0005	.0014	.0006	.0009	.0356	<.0000	1.382
#4	.0016	.0022	<.0000	<.0000	.0370	<.0000	1.347

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0353	.0009	8.049	.0023	.0118	.0262	.0242
SDev	.0003	.0041	.038	.0045	.0130	.0463	.0791
%RSD	.9491	441.5	.4686	192.4	110.6	176.9	326.7

#1	.0355	.0030	7.995	<.0000	.0091	.0658	.1073
#2	.0355	<.0000	8.052	.0038	.0199	<.0000	.0740
#3	.0355	.0030	8.075	.0014	.0236	.0658	<.0000
#4	.0348	.0030	8.075	.0074	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.006	.0041	<.0000	<.0000
SDev	.009	.0422	.0011	.0004
%RSD	.8635	1020.	475.4	66.03

#1	.9989	.0041	<.0000	<.0000
#2	1.014	.0558	.0012	<.0000
#3	1.014	<.0000	<.0000	<.0000
#4	.9989	.0042	<.0000	<.0000

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Method: IECW Sample Name: 939

Operator: it

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Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0015	<.0000	.0001	.0126	<.0000	6.437
SDev	.0015	.0075	.0343	.0023	.0000	.0001	.035
%RSD	40.25	513.4	521.3	2882.	.0258	8.248	.5427

#1	<.0000	.0110	<.0000	.0020	.0126	<.0000	6.413
#2	<.0000	<.0000	.0310	.0014	.0126	<.0000	6.402
#3	<.0000	.0041	<.0000	.0001	.0126	<.0000	6.466
#4	<.0000	<.0000	<.0000	<.0000	.0126	<.0000	6.468

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0371	<.0000	1.403
SDev	.0009	.0011	.0021	.0013	.0012	.4587	.010
%RSD	45.07	39.93	102.7	28.98	3.192	71.22	.7156

#1	<.0000	<.0000	<.0000	<.0000	.0371	<.0000	1.416
#2	<.0000	<.0000	.0010	<.0000	.0371	<.0000	1.392
#3	<.0000	<.0000	<.0000	<.0000	.0356	<.0000	1.401
#4	<.0000	<.0000	<.0000	<.0000	.0385	<.0000	1.404

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0351	<.0000	7.858	.0018	<.0000	<.0000	.0743
SDev	.0006	.0040	.049	.0074	.0180	.0182	.0918
%RSD	1.621	20.05	.6194	415.9	72.55	39.82	123.6

#1	.0351	<.0000	7.848	.0099	<.0000	<.0000	<.0000
#2	.0344	<.0000	7.798	<.0000	<.0000	<.0000	.1826
#3	.0351	<.0000	7.871	<.0000	<.0000	<.0000	.1159
#4	.0358	<.0000	7.915	.0051	<.0000	<.0000	.0160

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9867	.0632	<.0000	<.0000
SDev	.0118	.0787	.0008	.0008
%RSD	1.196	124.5	28.01	34.79

#1	.9969	.0238	<.0000	<.0000
#2	.9969	.0239	<.0000	<.0000
#3	.9765	.1813	<.0000	<.0000
#4	.9765	.0239	<.0000	<.0000

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Method: IECW Sample Name: 940

Operator: it

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Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0111	.0597	.0025	.0136	<.0000	7.179
SDev	.0009	.0104	.0482	.0026	.0004	.0001	.012
%RSD	49.77	93.64	80.73	106.7	3.199	8.248	.1616

#1	<.0000	.0074	.0084	.0053	.0133	<.0000	7.185
#2	<.0000	<.0000	.0529	.0040	.0140	<.0000	7.171
#3	<.0000	.0177	.1248	<.0000	.0133	<.0000	7.169
#4	<.0000	.0212	.0526	.0013	.0140	<.0000	7.193

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0058	.0402	<.0000	1.680
SDev	.0015	.0015	.0008	.0005	.0030	.3415	.009
%RSD	419.1	175.8	342.6	8.815	7.432	152.4	.5601

#1	.0002	<.0000	.0004	.0053	.0398	<.0000	1.693
#2	<.0000	<.0000	.0004	.0062	.0398	<.0000	1.674
#3	.0008	.0009	<.0000	.0053	.0369	.1680	1.671
#4	.0002	<.0000	<.0000	.0062	.0441	<.0000	1.680

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0405	<.0000	8.266	<.0000	<.0000	<.0000	.0241
SDev	.0009	.0040	.036	.0025	.0173	.0257	.0631
%RSD	2.167	13.16	.4399	154.7	72.57	46.83	261.5

#1	.0406	<.0000	8.245	<.0000	<.0000	<.0000	<.0000
#2	.0392	<.0000	8.239	.0014	<.0000	<.0000	<.0000
#3	.0406	<.0000	8.262	<.0000	<.0000	<.0000	.0158
#4	.0413	<.0000	8.319	<.0000	<.0000	<.0000	.1157

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.013	.0234	<.0000	.0003
SDev	.016	.1500	.0010	.0010
%RSD	1.614	640.8	38.63	350.6

#1	1.027	.1021	<.0000	.0005
#2	.9964	<.0000	<.0000	.0013
#3	1.002	.1809	<.0000	<.0000
#4	1.027	<.0000	<.0000	.0005

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Method: IECW Sample Name: 941

Operator: it

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Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0005	.0131	<.0000	7.177
SDev	.0007	.0085	.0084	.0014	.0004	.0001	.013
%RSD	23.64	2344.	32.15	283.0	2.892	6.897	.1758

#1	<.0000	<.0000	<.0000	.0020	.0125	<.0000	7.183
#2	<.0000	<.0000	<.0000	<.0000	.0133	<.0000	7.168
#3	<.0000	.0097	<.0000	.0013	.0133	<.0000	7.192
#4	<.0000	.0005	<.0000	.0000	.0133	<.0000	7.166

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0014	.0376	<.0000	1.674
SDev	.0019	.0021	.0015	.0009	.0019	.0889	.009
%RSD	174.3	175.1	188.5	64.58	4.970	10.35	.5216

#1	.0002	<.0000	<.0000	.0009	.0355	<.0000	1.662
#2	<.0000	<.0000	.0004	.0027	.0384	<.0000	1.681
#3	.0008	.0019	.0004	.0009	.0369	<.0000	1.680
#4	<.0000	<.0000	<.0000	.0009	.0398	<.0000	1.671

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0342	<.0000	8.429	<.0000	<.0000	<.0000	<.0000
SDev	.0009	.0060	.020	.0040	.0172	.0174	.1401
%RSD	2.566	18.79	.2388	177.1	90.08	125.1	16730.

#1	.0344	<.0000	8.422	.0026	<.0000	<.0000	.0492
#2	.0351	<.0000	8.409	<.0000	<.0000	<.0000	<.0000
#3	.0344	<.0000	8.457	<.0000	<.0000	<.0000	<.0000
#4	.0330	<.0000	8.427	<.0000	<.0000	<.0000	.1492

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.045	.0037	<.0000	<.0000
SDev	.017	.0394	.0003	.0014
%RSD	1.622	1050.	11.42	59.97

#1	1.042	<.0000	<.0000	<.0000
#2	1.068	<.0000	<.0000	<.0000
#3	1.042	.0234	<.0000	<.0000
#4	1.027	.0497	<.0000	<.0000

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Method: IECW Sample Name: ipc

Operator: it

Run Time: 02/08/02 16:06:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4954	1.071	.0637	.9739	1.002	1.002	1.031
SDev	.0026	.019	.0342	.0108	.002	.002	.002
%RSD	.5217	1.800	53.73	1.105	.2079	.2250	.2158

#1	.4972	1.079	.0608	.9700	1.003	1.003	1.033
#2	.4952	1.094	.0939	.9877	1.004	1.004	1.032
#3	.4918	1.054	.0167	.9759	.9992	.9996	1.028
#4	.4972	1.056	.0833	.9621	1.001	1.000	1.031

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.006	1.018	.9817	.9776	1.021	1.064	1.038
SDev	.004	.003	.0046	.0008	.002	.367	.020
%RSD	.3485	.2712	.4703	.0864	.1832	34.50	1.920

#1	1.005	1.022	.9837	.9765	1.018	.5413	1.018
#2	1.011	1.018	.9867	.9783	1.023	1.176	1.028
#3	1.006	1.016	.9760	.9783	1.021	1.139	1.043
#4	1.002	1.018	.9803	.9774	1.020	1.400	1.064

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.006	.9623	1.044	1.021	1.019	.9514	<.0000
SDev	.002	.0088	.028	.015	.015	.0566	.0957
%RSD	.1908	.9134	2.649	1.438	1.501	5.946	696.8

#1	1.005	.9517	1.004	1.031	1.011	.8695	<.0000
#2	1.008	.9728	1.047	1.035	1.011	.9786	.1112
#3	1.004	.9602	1.060	1.004	1.042	.9969	.0113
#4	1.007	.9644	1.065	1.014	1.011	.9606	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.077	1.157	.9847	1.014
SDev	.017	.058	.0026	.001
%RSD	1.576	5.030	.2609	.1121

#1	1.095	1.203	.9874	1.015
#2	1.079	1.072	.9861	1.015
#3	1.054	1.177	.9836	1.012
#4	1.079	1.177	.9817	1.014

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 02/08/02 16:08:43
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0029	.0170	<.0000	<.0000	.0006	.0002	.0019
SDev	.0010	.0060	.0096	.0030	.0007	.0003	.0012
%RSD	36.20	35.22	19.72	163.8	128.0	188.8	62.75

#1	.0016	.0187	<.0000	<.0000	.0011	.0006	.0036
#2	.0031	.0221	<.0000	<.0000	.0011	.0001	.0013
#3	.0026	.0083	<.0000	.0025	.0004	<.0000	.0011
#4	.0041	.0187	<.0000	<.0000	<.0000	<.0000	.0015

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0010	.0005	.0004	<.0000	.7187	.0258
SDev	.0010	.0012	.0010	.0013	.0042	.4707	.0103
%RSD	121.6	118.6	199.8	300.3	567.9	65.49	40.04

#1	<.0000	.0019	.0014	.0020	.0047	1.251	.0220
#2	.0003	<.0000	.0001	.0011	.0004	.9520	.0251
#3	<.0000	.0003	<.0000	<.0000	<.0000	.2053	.0160
#4	<.0000	.0021	.0014	<.0000	<.0000	.4667	.0403

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0003	.0021	.0368	<.0000	<.0000	<.0000	.0499
SDev	.0000	.0097	.0099	.0046	.0114	.0543	.0770
%RSD	.1901	464.2	26.91	499.7	170.2	1181.	154.2

#1	.0003	.0105	.0513	.0042	<.0000	<.0000	<.0000
#2	.0003	.0105	.0341	<.0000	.0066	<.0000	<.0000
#3	.0003	<.0000	.0319	<.0000	<.0000	<.0000	.1166
#4	.0003	<.0000	.0297	.0006	<.0000	.0727	.1166

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0856	<.0000	.0011	<.0000
SDev	.0064	.1330	.0011	.0013
%RSD	7.529	1009.	97.66	130.4

#1	.0945	<.0000	.0025	<.0000
#2	.0843	.1574	<.0000	.0006
#3	.0843	<.0000	.0013	<.0000
#4	.0792	.0262	.0006	<.0000