

NYC samples.

2/22/02 IT

B1K

1502

2085

5 STD

1503

2086

IPC+CB

IPC+CB

2088

LFB+CB

LFB+CB

2089

838

1506

IPC+CB

1403+Lab Dup+spk 1940

1404

1941

1405

1942+Lab Dup+spk

1436

~~1960~~

1962

IT

1439

1963

1440

1960

1441

1961

1442

1964

IPC+CB

1965

1462+Lab Dup+spk IPC+CB

1463

1966+Lab Dup+spk

1464

1968

1498

1969

1499

2015

1500

2016

1501

2084

Reviewed by,
JB 5/8/02

Over →

Standardization Rpt.

02/22/02 09:41:01 AM

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Method: IECW Standard: STD1-Blank

Run Time: 02/22/02 09:39:18

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.558	4.401	.3495	.2935	.1800	.2195	4.578
SDev	.006	.010	.0142	.0072	.0000	.0010	.016
%RSD	.3688	.2242	4.056	2.449	.0000	.4556	.3403

#1	1.550	4.400	.3600	.3040	.1800	.2200	4.576
#2	1.558	4.414	.3480	.2900	.1800	.2180	4.560
#3	1.564	4.390	.3600	.2920	.1800	.2200	4.578
#4	1.558	4.400	.3300	.2880	.1800	.2200	4.598

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2780	2.658	1.056	.6780	.0090	6.469	1.452
SDev	.0059	.006	.001	.0016	.0035	.009	.002
%RSD	2.118	.2409	.0947	.2409	38.49	.1391	.1318

#1	.2740	2.652	1.056	.6780	.0040	6.464	1.450
#2	.2720	2.664	1.058	.6760	.0120	6.476	1.454
#3	.2840	2.654	1.056	.6780	.0100	6.458	1.454
#4	.2820	2.664	1.056	.6800	.0100	6.476	1.452

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1005	.1080	2.577	.5070	.7265	.1250	.1010
SDev	.0010	.0028	.010	.0026	.0060	.0026	.0038
%RSD	.9950	2.619	.3873	.5093	.8220	2.066	3.792

#1	.1000	.1080	2.580	.5100	.7320	.1260	.0960
#2	.1020	.1120	2.588	.5080	.7280	.1220	.1040
#3	.1000	.1060	2.578	.5040	.7180	.1240	.1000
#4	.1000	.1060	2.564	.5060	.7280	.1280	.1040

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7710	.1390	.7735	.1425
SDev	.0035	.0020	.0038	.0030
%RSD	.4493	1.439	.4895	2.105

#1	.7700	.1400	.7760	.1440
#2	.7700	.1400	.7680	.1400
#3	.7680	.1360	.7760	.1400
#4	.7760	.1400	.7740	.1460

Standardization Rpt.

02/22/02 09:47:42 AM

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Method: IECW Standard: STD6

Run Time: 02/22/02 09:46:20



Elem	Ag3280
Avge	32.02
SDev	.08
%RSD	.2495

#1	32.00
#2	32.00
#3	31.95
#4	32.13

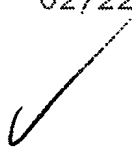
Standardization Rpt.

02/22/02 09:50:00 AM

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Method: IECW Standard: STD3

Run Time: 02/22/02 09:48:17



Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	17.91	170.2	9.885	3.100	10.25	12.07	.9185
SDev	.09	.9	.061	.032	.03	.07	.0156
%RSD	.5172	.5343	.6140	1.043	.3323	.6093	1.699

#1	17.79	169.2	9.812	3.072	10.20	12.07	.9200
#2	17.89	169.7	9.878	3.080	10.27	11.97	.8980
#3	17.98	170.8	9.892	3.104	10.24	12.15	.9360
#4	17.98	171.1	9.960	3.144	10.28	12.07	.9200

Elem	Ti1908
Avge	.5855
SDev	.0128
%RSD	2.185

#1	.5720
#2	.6000
#3	.5780
#4	.5920

Standardization Rpt.

02/22/02 09:52:00 AM

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Method: IECW Standard: STD4
Run Time: 02/22/02 09:50:37

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	2.973	25.72	33.63	.5565	3.986
SDev	.025	.13	.12	.0087	.007
%RSD	.8393	.5134	.3687	1.563	.1877
#1	2.988	25.73	33.60	.5580	3.996
#2	2.980	25.89	33.80	.5680	3.984
#3	2.936	25.70	33.63	.5520	3.978
#4	2.988	25.57	33.50	.5480	3.986

Standardization Rpt.

02/22/02 09:54:27 AM

page 1

Method: IECW

Standard: STD2

Run Time: 02/22/02 09:53:05

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	17.30	78.42	27.40	92.15	18.07	10.80	6.572
SDev	.07	.26	.12	.43	.08	.01	.028
%RSD	.4282	.3299	.4459	.4649	.4573	.1062	.4268

#1	17.23	78.18	27.26	91.83	18.00	10.80	6.550
#2	17.23	78.21	27.35	91.80	18.01	10.79	6.548
#3	17.33	78.58	27.43	92.25	18.10	10.82	6.606
#4	17.38	78.69	27.55	92.72	18.18	10.81	6.584

Elem	Mn2576	Pb2203	Zn2138
Avge	19.78	4.314	19.51
SDev	.09	.016	.07
%RSD	.4553	.3618	.3774

#1	19.70	4.318	19.42
#2	19.72	4.292	19.48
#3	19.82	4.328	19.53
#4	19.89	4.320	19.60

Standardization Rpt.

02/22/02 09:57:01 AM

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Method: IECW Standard: STD5
Run Time: 02/22/02 09:55:39



Elem	V_2924
Avge	22.39
SDev	.03
%RSD	.1170

#1	22.37
#2	22.37
#3	22.38
#4	22.42

Analysis Report

02/22/02 10:06:49 AM

page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 02/22/02 10:04:43

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.4971	1.027	.0405	.9834	.9867	.9905	1.006
SDev	.0015	.003	.0415	.0093	.0048	.0052	.004
%RSD	.3052	.3014	102.3	.9454	.4884	.5267	.4311

#1	.4984	1.031	.0653	.9822	.9896	.9938	1.007
#2	.4984	1.026	.0425	.9932	.9919	.9961	1.012
#3	.4958	1.023	<.0000	.9712	.9826	.9868	1.004
#4	.4958	1.028	.0730	.9869	.9826	.9854	1.002

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.9829	.9947	.9887	.9587	1.007	<.0000	.9779
SDev	.0064	.0050	.0040	.0034	.004	.3997	.0218
%RSD	.6529	.5039	.4098	.3535	.4464	67.88	2.227

#1	.9840	.9992	.9933	.9587	1.008	<.0000	.9789
#2	.9914	.9974	.9897	.9633	1.012	<.0000	.9867
#3	.9796	.9943	.9884	.9552	1.004	<.0000	.9985
#4	.9767	.9878	.9835	.9575	1.002	<.0000	.9475

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.9873	.9969	.9736	1.003	1.011	1.052	.0058
SDev	.0048	.0039	.0432	.010	.019	.052	.0624
%RSD	.4863	.3876	4.437	.9656	1.879	4.984	1072.

#1	.9909	1.000	.9676	1.016	1.010	1.020	.0058
#2	.9909	1.000	.9519	1.007	.9933	1.096	<.0000
#3	.9868	.9936	1.036	.9965	1.038	.9947	.0500
#4	.9807	.9936	.9388	.9947	1.004	1.096	.0500

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	1.020	1.046	.9711	.9944
SDev	.015	.064	.0036	.0101
%RSD	1.444	6.105	.3681	1.015

#1	1.018	1.136	.9732	1.008
#2	1.031	1.001	.9750	.9957
#3	1.031	1.046	.9685	.9854
#4	.9996	1.001	.9676	.9885

Analysis Report

02/22/02 10:10:16 AM

page 1

Method: IECW Sample Name: cb

Operator: it

Run Time: 02/22/02 10:08:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0363	<.0000	<.0000	<.0000	.0007
SDev	.0008	.0123	.0758	.0024	.0000	.0001	.0009
%RSD	462.0	555.7	208.6	210.0	.2024	115.5	137.2

#1	<.0000	<.0000	.0498	.0002	<.0000	.0000	<.0000
#2	<.0000	<.0000	.0422	.0010	<.0000	.0000	.0010
#3	.0005	<.0000	.1183	<.0000	<.0000	<.0000	.0015
#4	.0005	.0145	<.0000	<.0000	<.0000	<.0000	.0010

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0024	.0012	.0012	.0006	.0020	.5526	.0122
%RSD	1314.	733.4	407.6	11.11	13.81	34.75	88.85

#1	<.0000	<.0000	.0003	<.0000	<.0000	<.0000	<.0000
#2	.0028	.0006	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0008	.0003	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0003	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0100	<.0000	.0048	<.0000	.0318	.0883
SDev	.0006	.0000	.0100	.0047	.0195	.0415	.1318
%RSD	233.1	.0711	38.30	98.34	200.1	130.6	149.2

#1	<.0000	.0101	<.0000	.0065	.0112	.0318	.1435
#2	.0003	.0101	<.0000	<.0000	.0000	.0318	<.0000
#3	.0003	.0100	<.0000	.0082	<.0000	.0827	.2318
#4	<.0000	.0100	<.0000	.0065	<.0000	<.0000	.0552

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	.0000	.0013
SDev	.0242	.1670	.0012	.0008
%RSD	1575.	296.0	33960.	65.29

#1	.0078	.1017	<.0000	.0013
#2	<.0000	.0566	.0014	.0023
#3	.0266	<.0000	.0005	.0013
#4	<.0000	<.0000	<.0000	.0003

Analysis Report

02/22/02 10:17:37 AM

page 1

Method: IECW Sample Name: lfb

Operator: it

Run Time: 02/22/02 10:15:52

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0145	.2604	.2407	.2538	.2525	.0497	.0151
SDev	.0010	.0055	.0444	.0053	.0018	.0003	.0018
%RSD	6.818	2.110	18.43	2.093	.6945	.6118	11.82

#1	.0136	.2656	.2444	.2469	.2510	.0493	.0150
#2	.0156	.2641	.1910	.2524	.2533	.0498	.0172
#3	.0149	.2581	.2293	.2587	.2545	.0500	.0128
#4	.0136	.2537	.2980	.2571	.2510	.0495	.0155

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1031	.1047	.2568	.2469	.2601	.0000	.0058
SDev	.0035	.0011	.0027	.0020	.0055	.5671	.0099
%RSD	3.407	1.066	1.039	.7962	2.112	33.67	170.4

#1	.1053	.1054	.2545	.2449	.2581	<.0000	<.0000
#2	.1038	.1045	.2557	.2461	.2682	<.0000	.0077
#3	.1053	.1056	.2607	.2495	.2581	<.0000	.0077
#4	.0979	.1032	.2564	.2472	.2560	<.0000	.0156

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2563	.0952	.0170	.2653	.2539	.2598	.2637
SDev	.0014	.0064	.0269	.0050	.0211	.0689	.1459
%RSD	.5605	6.730	158.1	1.883	8.325	26.51	55.32

#1	.2563	.0902	<.0000	.2610	.2678	.1581	.2747
#2	.2583	.1036	.0026	.2696	.2567	.3107	.3630
#3	.2553	.0969	.0341	.2610	.2232	.2853	.0540
#4	.2553	.0902	.0446	.2696	.2679	.2853	.3630

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.2078	.3832	.0990	.2597
SDev	.0153	.1623	.0023	.0031
%RSD	7.372	42.35	2.353	1.188

#1	.2203	.4171	.0958	.2605
#2	.1890	.5977	.0995	.2553
#3	.2203	.2816	.0995	.2626
#4	.2015	.2364	.1013	.2605

Analysis Report

02/22/02 10:19:54 AM

page 1

Method: IECW Sample Name: lrb

Operator: it

Run Time: 02/22/02 10:18:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0000	<.0000	<.0000	.0000	<.0000	<.0000
SDev	.0011	.0125	.0651	.0021	.0006	.0000	.0027
%RSD	56.93	138400.	1141.	178.4	222000.	.0000	2029.

#1	<.0000	.0115	.0342	.0018	.0009	<.0000	.0034
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0100	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0574	<.0000	<.0000	<.0000	.0007

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	Mn_7664	Mg2790
Avge	<.0000	<.0000	.0003	<.0000	<.0000	<.0000	<.0000
SDev	.0013	.0016	.0015	.0017	.0054	.1178	.0129
%RSD	36.45	108.6	489.6	20.00	32.05	12.99	1325.

#1	<.0000	<.0000	.0003	<.0000	<.0000	<.0000	.0000
#2	<.0000	<.0000	.0022	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0004	<.0000	<.0000	<.0000	<.0000	.0157
#4	<.0000	<.0000	.0003	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	.0026	<.0000	<.0000	.0221
SDev	.0006	.0034	.0191	.0078	.0286	.0441	.1044
%RSD	232.0	200.6	415.9	300.1	186.4	77.01	472.3

#1	.0003	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0034	<.0000	.0134	<.0000	<.0000	.0994
#3	.0003	<.0000	.0105	<.0000	<.0000	<.0000	.0110
#4	<.0000	<.0000	.0131	.0030	.0112	<.0000	.0994

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0156	<.0000	<.0000	.0016
SDev	.0094	.1492	.0005	.0019
%RSD	59.97	110.2	58.03	126.0

#1	.0203	<.0000	<.0000	.0003
#2	.0203	<.0000	<.0000	.0013
#3	.0203	<.0000	<.0000	.0044
#4	.0016	.0113	<.0000	.0003

Analysis Report

02/22/02 10:22:45 AM

page 1

Method: IECW Sample Name: 838

Operator: it

Run Time: 02/22/02 10:20:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0017	.0293	.0597	.0039	.0140	<.0000	6.249
SDev	.0018	.0035	.0587	.0023	.0006	.0001	.017
%RSD	104.2	12.08	98.21	57.39	4.182	18.18	.2705

#1	.0024	.0315	.0940	.0038	.0131	<.0000	6.256
#2	.0030	.0300	.0864	.0037	.0143	<.0000	6.268
#3	<.0000	.0315	<.0000	.0069	.0143	<.0000	6.242
#4	.0024	.0241	.0865	.0014	.0143	<.0000	6.229

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0005	.0039	<.0000	.0183	<.0000	1.386
SDev	.0023	.0014	.0020	.0013	.0045	.3195	.014
%RSD	522.4	268.2	51.51	26.35	24.57	104.3	.9791

#1	.0027	<.0000	.0026	<.0000	.0158	<.0000	1.382
#2	<.0000	.0015	.0062	<.0000	.0198	<.0000	1.405
#3	<.0000	<.0000	.0019	<.0000	.0137	.1649	1.382
#4	<.0000	.0019	.0050	<.0000	.0239	<.0000	1.374

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0349	<.0000	8.076	<.0000	<.0000	<.0000	.0544
SDev	.0010	.0067	.017	.0041	.0260	.0208	.0883
%RSD	2.787	98.42	.2078	80.63	926.9	107.1	162.3

#1	.0347	<.0000	8.083	<.0000	.0335	.0060	.0103
#2	.0337	<.0000	8.093	.0009	<.0000	<.0000	.0103
#3	.0357	<.0000	8.054	<.0000	<.0000	<.0000	.1869
#4	.0357	<.0000	8.072	<.0000	<.0000	<.0000	.0103

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.044	<.0000	.0013	.0027
SDev	.014	.1067	.0008	.0013
%RSD	1.326	77.41	57.17	48.59

#1	1.049	<.0000	.0013	.0012
#2	1.049	.0089	.0004	.0043
#3	1.055	<.0000	.0013	.0033
#4	1.024	<.0000	.0022	.0022

Analysis Report

02/22/02 10:26:08 AM

page 1

Method: IECW Sample Name: 1403

Run Time: 02/22/02 10:24:24

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0009	.0159	.0189	.0152	.0307	<.0000	25.02
SDev	.0021	.0123	.0475	.0040	.0006	.0001	.06
%RSD	230.2	77.75	250.6	26.15	1.894	15.38	.2371

#1	.0027	.0185	.0285	.0125	.0310	<.0000	24.97
#2	<.0000	<.0000	<.0000	.0164	.0310	<.0000	25.02
#3	.0027	.0289	.0817	.0203	.0310	<.0000	25.11
#4	<.0000	.0170	<.0000	.0117	.0298	<.0000	24.99

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0009	.0052	<.0000	.0455	.9422	8.406
SDev	.0022	.0028	.0020	.0011	.0042	.7542	.048
%RSD	90.60	317.5	38.49	18.90	9.277	80.05	.5699

#1	<.0000	.0005	.0056	<.0000	.0506	1.060	8.376
#2	<.0000	<.0000	.0055	<.0000	.0465	.4946	8.423
#3	<.0000	.0050	.0074	<.0000	.0445	1.955	8.466
#4	<.0000	<.0000	.0025	<.0000	.0405	.2591	8.360

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0949	<.0000	28.12	.0027	.0070	.0431	.1063
SDev	.0005	.0067	.07	.0055	.0351	.0254	.1162
%RSD	.5383	1207.	.2442	205.9	504.1	58.96	109.3

#1	.0951	<.0000	28.17	.0009	.0223	.0304	.0070
#2	.0951	.0095	28.19	<.0000	.0335	.0305	.1836
#3	.0941	<.0000	28.07	.0061	.0167	.0304	.0069
#4	.0951	<.0000	28.06	.0079	<.0000	.0813	.2278

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.591	.0316	.0015	.0016
SDev	.019	.1745	.0009	.0018
%RSD	1.168	552.4	63.11	108.6

#1	1.586	<.0000	.0010	.0039
#2	1.586	.2235	.0010	.0009
#3	1.617	<.0000	.0029	<.0000
#4	1.573	.1333	.0010	.0019

Analysis Report

02/22/02 10:29:07 AM

page 1

Method: IECW Sample Name: 1403lab dup

Operator: it

Run Time: 02/22/02 10:27:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0004	.0140	.0590	.0144	.0307	.0000	25.40
SD	.0028	.0146	.0762	.0036	.0006	.0001	.11
%RSD	665.2	104.7	129.3	24.64	1.900	16.50	.4316

#1	<.0000	.0184	.1429	.0140	.0310	<.0000	25.26
#2	.0034	.0318	.0816	.0187	.0309	<.0000	25.45
#3	<.0000	<.0000	<.0000	.0148	.0298	<.0000	25.36
#4	.0021	.0080	.0514	.0101	.0309	<.0000	25.52

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	.0019	.0047	<.0000	.0490	.3769	8.511
SD	.0020	.0018	.0026	.0014	.0020	.6843	.065
%RSD	4137.	96.87	55.02	19.13	4.008	181.6	.7678

#1	<.0000	.0027	.0018	<.0000	.0506	<.0000	8.415
#2	.0009	.0014	.0079	<.0000	.0485	1.295	8.548
#3	.0023	<.0000	.0036	<.0000	.0505	<.0000	8.525
#4	<.0000	.0038	.0055	<.0000	.0464	.4946	8.556

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0959	<.0000	28.61	.0039	.0056	.0368	.1394
SD	.0010	.0055	.08	.0114	.0449	.0320	.0953
%RSD	1.012	139.9	.2638	290.5	805.6	86.95	68.40

#1	.0951	<.0000	28.53	<.0000	.0056	.0050	.0911
#2	.0972	<.0000	28.59	.0199	.0502	.0812	.2718
#3	.0951	.0028	28.61	.0044	<.0000	.0305	.1394
#4	.0961	<.0000	28.71	<.0000	.0223	.0304	.0952

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	1.606	.0540	.0001	.0011
SD	.009	.2565	.0011	.0010
%RSD	.5786	475.1	1521.	89.57

#1	1.598	.2235	<.0000	<.0000
#2	1.617	<.0000	.0010	.0019
#3	1.598	.0879	<.0000	.0019
#4	1.611	.2233	.0010	.0008

Analysis Report

02/22/02 10:52:50 AM

page 1

Method: IECW Sample Name: 1403spk

Operator: it

Run Time: 02/22/02 10:51:06

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0188	.3030	.3127	.2761	.2817	.0507	24.95
SDev	.0016	.0117	.0328	.0028	.0015	.0001	.08
%RSD	8.313	3.870	16.89	1.004	.5338	.2999	.3134
#1	.0178	.3082	.2687	.2733	.2835	.0507	24.99
#2	.0172	.2933	.3224	.2781	.2800	.0506	24.93
#3	.0205	.2934	.3835	.2789	.2811	.0505	24.85
#4	.0198	.3171	.2763	.2741	.2823	.0508	25.03

Handwritten notes: 75, 114.8%, 0.015%

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1058	.1092	.2624	.2426	.3066	.9893	8.400
SDev	.0030	.0036	.0046	.0015	.0019	.0981	.042
%RSD	2.811	3.299	1.768	.6120	.6270	9.913	.4983
#1	.1034	.1142	.2640	.2420	.3081	1.013	8.434
#2	.1101	.1062	.2622	.2431	.3061	.8715	8.403
#3	.1057	.1091	.2561	.2408	.3041	.9657	8.340
#4	.1042	.1071	.2671	.2443	.3081	1.107	8.423

Handwritten note: 0.045%

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3492	.1047	27.91	.2710	.2985	.2393	.3478
SDev	.0008	.0064	.05	.0123	.0140	.0524	.1216
%RSD	.2371	6.121	.1623	4.544	4.706	21.89	34.95
#1	.3492	.1030	27.84	.2814	.2790	.2838	.2264
#2	.3502	.0963	27.93	.2641	.3013	.1821	.2706
#3	.3481	.1097	27.94	.2572	.3013	.2076	.4031
#4	.3492	.1097	27.92	.2814	.3125	.2838	.4913

Handwritten note: 0.094%

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.817	.3583	.1025	.2598
SDev	.018	.1844	.0023	.0013
%RSD	.9703	51.46	2.255	.4999
#1	1.817	.0873	.1056	.2611
#2	1.805	.4938	.1019	.2580
#3	1.805	.4036	.1000	.2600
#4	1.842	.4486	.1028	.2600

Handwritten note: OK

Analysis Report

02/22/02 11:06:49 AM

page 1

Method: IECW Sample Name: 1403spk

Operator: it

Run Time: 02/22/02 11:05:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0150	.2736	.2691	.2655	.2688	.0481	25.42
SDev	.0010	.0074	.0298	.0017	.0040	.0007	.37
%RSD	6.561	2.705	11.08	.6334	1.471	1.462	1.437
#1	.0158	.2725	.2844	.2647	.2694	.0482	25.57
#2	.0145	.2799	.2995	.2678	.2740	.0490	25.87
#3	.0139	.2636	.2617	.2639	.2671	.0478	25.20
#4	.0159	.2785	.2310	.2655	.2647	.0473	25.06
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0986	.1017	.2490	.2299	.2903	.1413	8.509
SDev	.0019	.0031	.0025	.0030	.0025	.3739	.122
%RSD	1.974	3.041	.9914	1.321	.8680	264.6	1.429
#1	.1012	.1046	.2511	.2305	.2938	.4004	8.587
#2	.0990	.1040	.2510	.2339	.2897	<.0000	8.638
#3	.0968	.0984	.2475	.2282	.2878	<.0000	8.403
#4	.0975	.0997	.2462	.2270	.2899	.4946	8.407
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3390	.1014	28.41	.2571	.2511	.2267	.3810
SDev	.0048	.0158	.32	.0147	.0065	.0635	.1112
%RSD	1.403	15.60	1.123	5.702	2.568	28.04	29.18
#1	.3400	.0896	28.64	.2709	.2567	.2330	.3589
#2	.3451	.1231	28.72	.2675	.2455	.3093	.2706
#3	.3370	.0897	28.25	.2502	.2567	.1568	.5356
#4	.3339	.1030	28.05	.2398	.2455	.2076	.3590
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.826	.3469	.0972	.2500			
SDev	.012	.1625	.0020	.0039			
%RSD	.6500	46.83	2.052	1.559			
#1	1.817	.1323	.1000	.2466			
#2	1.842	.3128	.0972	.2538			
#3	1.830	.4487	.0954	.2528			
#4	1.817	.4938	.0963	.2466			

Analysis Report

02/22/02 11:11:12 AM

page 1

Method: IECW Sample Name: 1404

Operator: it

Run Time: 02/22/02 11:09:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0037	.0423	.0939	.0012	.0142	<.0000	6.498
SDev	.0039	.0122	.0325	.0021	.0000	.0001	.014
%RSD	105.3	28.91	34.63	176.0	.0060	23.09	.2213
#1	<.0000	.0315	.1322	.0030	.0142	<.0000	6.505
#2	.0076	.0404	.1091	.0029	.0142	<.0000	6.487
#3	.0063	.0597	.0631	<.0000	.0142	<.0000	6.485
#4	.0010	.0374	.0710	<.0000	.0142	<.0000	6.515
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	.0037	.0028	<.0000	.0147	<.0000	1.465
SDev	.0006	.0025	.0022	.0022	.0026	.8035	.009
%RSD	125.2	68.50	76.56	39.17	17.79	52.89	.5930
#1	.0012	.0019	.0013	<.0000	.0117	<.0000	1.468
#2	<.0000	.0048	.0043	<.0000	.0157	<.0000	1.472
#3	.0005	.0066	.0050	<.0000	.0178	<.0000	1.468
#4	.0005	.0013	.0007	<.0000	.0137	<.0000	1.452
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0339	<.0000	4.811	.0113	.0098	<.0000	.1095
SDev	.0015	.0055	.005	.0086	.0310	.0147	.1367
%RSD	4.495	157.6	.1136	75.96	318.2	218.3	124.8
#1	.0347	<.0000	4.810	.0079	<.0000	<.0000	<.0000
#2	.0316	.0032	4.813	.0200	.0223	.0060	.2309
#3	.0347	<.0000	4.818	.0009	.0111	.0060	.0984
#4	.0347	<.0000	4.805	.0165	.0391	<.0000	.1868
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.7800	.1443	.0029	.0027			
SDev	.0135	.1690	.0019	.0018			
%RSD	1.730	117.1	64.89	65.30			
#1	.7675	<.0000	.0013	.0012			
#2	.7987	.3701	.0050	.0012			
#3	.7800	.1443	.0041	.0043			
#4	.7738	.0992	.0013	.0043			

Analysis Report

02/22/02 11:15:07 AM

page 1

Method: IECW Sample Name: 1405
 Run Time: 02/22/02 11:13:23
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0035	.0427	.0137	.0014	.0140	<.0000	6.348
SDev	.0030	.0187	.0227	.0021	.0006	.0000	.012
%RSD	85.56	43.84	165.3	153.5	4.187	.0000	.1841
#1	.0070	.0702	.0401	<.0000	.0143	<.0000	6.342
#2	.0004	.0375	.0252	.0006	.0131	<.0000	6.356
#3	.0017	.0285	<.0000	.0045	.0143	<.0000	6.334
#4	.0050	.0345	<.0000	.0006	.0143	<.0000	6.359
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	.0027	.0027	<.0000	.0107	<.0000	1.421
SDev	.0018	.0022	.0035	.0024	.0020	.5996	.006
%RSD	276.1	82.95	131.2	49.85	18.99	59.20	.4500
#1	.0027	.0060	.0068	<.0000	.0117	<.0000	1.421
#2	.0005	.0024	.0025	<.0000	.0117	<.0000	1.429
#3	<.0000	.0008	<.0000	<.0000	.0117	<.0000	1.413
#4	.0012	.0017	.0031	<.0000	.0076	<.0000	1.421
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0321	.0049	4.704	.0070	.0153	.0187	.0544
SDev	.0006	.0064	.037	.0067	.0132	.0441	.0624
%RSD	1.824	130.6	.7933	95.75	86.02	235.2	114.7
#1	.0326	.0099	4.721	.0079	.0056	.0059	.1426
#2	.0326	.0099	4.713	.0131	.0335	.0060	.0544
#3	.0316	<.0000	4.650	.0096	.0056	<.0000	.0103
#4	.0316	.0032	4.734	<.0000	.0167	.0823	.0102
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8019	.0315	.0025	.0020			
SDev	.0120	.1498	.0019	.0018			
%RSD	1.491	476.1	76.97	89.74			
#1	.8051	.0089	.0041	.0002			
#2	.8176	.0089	.0004	.0012			
#3	.7926	.2347	.0013	.0043			
#4	.7926	<.0000	.0041	.0022			

Analysis Report

02/22/02 11:18:07 AM

page 1

Method: IECW Sample Name: 1436
 Run Time: 02/22/02 11:16:23
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0007	.0389	.0290	.0016	.0140	<.0000	6.415
SDev	.0025	.0069	.0566	.0027	.0006	.0000	.039
%RSD	354.1	17.63	194.9	170.0	4.180	.0000	.6033
#1	.0017	.0449	<.0000	<.0000	.0143	<.0000	6.371
#2	.0010	.0330	.0024	.0006	.0143	<.0000	6.408
#3	.0030	.0449	.1091	.0037	.0143	<.0000	6.465
#4	<.0000	.0330	.0253	.0037	.0131	<.0000	6.415
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0034	.0047	<.0000	.0168	<.0000	1.426
SDev	.0004	.0017	.0028	.0011	.0042	.7962	.016
%RSD	20.26	50.11	59.12	16.98	25.17	62.60	1.130
#1	<.0000	.0055	.0044	<.0000	.0158	<.0000	1.425
#2	<.0000	.0042	.0081	<.0000	.0218	<.0000	1.429
#3	<.0000	.0024	.0050	<.0000	.0178	<.0000	1.445
#4	<.0000	.0017	.0013	<.0000	.0117	<.0000	1.405
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0344	<.0000	8.276	.0070	.0028	<.0000	.1206
SDev	.0005	.0034	.036	.0036	.0211	.0127	.0255
%RSD	1.473	65.22	.4350	51.49	761.4	49.38	21.13
#1	.0347	<.0000	8.238	.0113	<.0000	<.0000	.0985
#2	.0347	<.0000	8.274	.0027	.0335	<.0000	.1427
#3	.0347	<.0000	8.324	.0061	<.0000	<.0000	.1426
#4	.0337	<.0000	8.266	.0079	<.0000	<.0000	.0986
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.053	.0202	.0018	.0012			
SDev	.021	.1067	.0018	.0000			
%RSD	1.957	529.2	99.31	.0958			
#1	1.043	.0089	.0032	.0012			
#2	1.068	.0992	.0013	.0012			
#3	1.074	.0992	.0032	.0012			
#4	1.030	<.0000	<.0000	.0012			

Analysis Report

02/22/02 11:20:49 AM

page 1

Method: IECW Sample Name: 1439
 Run Time: 02/22/02 11:19:05
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0010	.0330	.0100	.0024	.0137	<.0000	6.447
SDev	.0014	.0069	.0279	.0016	.0007	.0001	.019
%RSD	135.6	20.82	277.9	68.86	4.931	18.18	.3021
#1	.0010	.0389	<.0000	.0037	.0131	<.0000	6.454
#2	.0024	.0270	.0406	.0006	.0143	<.0000	6.445
#3	<.0000	.0270	<.0000	.0014	.0143	<.0000	6.468
#4	.0017	.0389	.0252	.0037	.0131	<.0000	6.421
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	.0027	.0016	<.0000	.0193	<.0000	1.413
SDev	.0009	.0025	.0020	.0009	.0053	.2340	.022
%RSD	828.5	93.47	126.1	210.7	27.62	13.61	1.584
#1	.0005	.0001	.0013	<.0000	.0218	<.0000	1.425
#2	.0012	.0055	.0044	.0007	.0239	<.0000	1.437
#3	<.0000	.0010	.0013	<.0000	.0198	<.0000	1.386
#4	<.0000	.0042	<.0000	<.0000	.0117	<.0000	1.405
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0387	.0016	7.682	.0092	.0098	<.0000	.0102
SDev	.0012	.0064	.052	.0057	.0124	.0804	.1729
%RSD	3.028	410.2	.6772	62.42	126.9	414.6	1688.
#1	.0377	.0099	7.742	.0027	.0167	.0823	<.0000
#2	.0398	<.0000	7.710	.0079	.0056	<.0000	.2310
#3	.0398	<.0000	7.631	.0096	.0223	.0061	.0544
#4	.0377	.0032	7.647	.0165	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.025	<.0000	.0020	.0025			
SDev	.009	.1744	.0005	.0021			
%RSD	.9120	366.8	22.93	85.79			
#1	1.018	.0089	.0022	.0002			
#2	1.036	<.0000	.0022	.0043			
#3	1.018	.0541	.0013	.0043			
#4	1.030	.0541	.0022	.0012			

Analysis Report

02/22/02 11:23:27 AM

page 1

Method: IECW Sample Name: 1440
 Run Time: 02/22/02 11:21:44
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0033	.0499	<.0000	.0012	.0153	<.0000	7.682
SDev	.0013	.0055	.0764	.0011	.0000	.0001	.040
%RSD	37.82	11.02	153.7	89.81	.0240	22.22	.5188
#1	.0043	.0581	.0628	.0028	.0153	<.0000	7.644
#2	.0017	.0477	<.0000	.0005	.0153	<.0000	7.701
#3	.0030	.0462	<.0000	.0012	.0153	<.0000	7.655
#4	.0043	.0477	<.0000	.0004	.0153	<.0000	7.729
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0039	.0034	.0050	.0535	<.0000	1.873
SDev	.0036	.0009	.0015	.0014	.0065	.4903	.009
%RSD	1304.	23.17	45.81	29.04	12.13	40.03	.4977
#1	<.0000	.0044	.0041	.0053	.0561	<.0000	1.864
#2	.0027	.0026	.0041	.0030	.0439	<.0000	1.867
#3	<.0000	.0042	.0011	.0064	.0581	<.0000	1.883
#4	.0027	.0046	.0041	.0053	.0561	<.0000	1.879
Elem	Mn2576	Mo2020	Na5889	N12316	Pb2203	Sb2068	Se1960
Avge	.0733	<.0000	9.260	.0168	.0070	.0059	.0541
SDev	.0008	.0034	.066	.0133	.0201	.0509	.1729
%RSD	1.132	183.0	.7105	78.89	288.5	861.9	319.7
#1	.0722	<.0000	9.274	.0233	<.0000	<.0000	.1423
#2	.0733	<.0000	9.284	<.0000	.0111	<.0000	<.0000
#3	.0743	.0032	9.166	.0199	.0335	.0822	.0099
#4	.0733	<.0000	9.318	.0268	<.0000	<.0000	.2307
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.129	<.0000	.0034	.0019			
SDev	.013	.2102	.0012	.0005			
%RSD	1.195	140.2	34.50	26.66			
#1	1.123	<.0000	.0031	.0022			
#2	1.117	.0533	.0031	.0022			
#3	1.129	<.0000	.0022	.0022			
#4	1.148	<.0000	.0050	.0012			

Analysis Report

02/22/02 11:44:15 AM

page 1

Method: IECW Sample Name: 1441
 Run Time: 02/22/02 11:42:31
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0009	.0311	.0138	.0076	.0201	<.0000	14.61
SDev	.0017	.0235	.0715	.0012	.0011	.0001	.11
%RSD	185.1	75.50	519.7	15.54	5.539	23.09	.7281

#1	.0029	.0556	.0688	.0086	.0204	<.0000	14.72
#2	.0016	.0467	.0307	.0070	.0216	<.0000	14.62
#3	.0003	.0125	.0465	.0086	.0192	<.0000	14.46
#4	<.0000	.0095	<.0000	.0062	.0192	<.0000	14.63

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	.0017	.0037	.0011	.0425	<.0000	4.418
SDev	.0019	.0024	.0025	.0015	.0047	.4238	.022
%RSD	154.2	143.2	67.05	139.1	10.98	22.07	.5083

#1	.0003	.0041	.0058	.0028	.0466	<.0000	4.436
#2	.0040	.0030	.0052	.0016	.0466	<.0000	4.428
#3	<.0000	<.0000	.0003	.0005	.0385	<.0000	4.385
#4	.0011	.0008	.0034	<.0000	.0385	<.0000	4.421

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0718	.0014	16.68	.0101	.0111	<.0000	.0198
SDev	.0005	.0127	.07	.0056	.0219	.0244	.1268
%RSD	.7045	926.6	.4232	54.65	196.0	180.5	639.2

#1	.0721	.0097	16.72	.0054	.0391	<.0000	.0529
#2	.0721	.0097	16.74	.0140	.0167	.0055	<.0000
#3	.0710	.0031	16.58	.0158	<.0000	.0056	.1855
#4	.0721	<.0000	16.69	.0054	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.418	.0153	.0014	.0018
SDev	.017	.1537	.0024	.0010
%RSD	1.191	1001.	172.2	54.38

#1	1.424	.0040	.0040	.0031
#2	1.424	.2298	.0030	.0010
#3	1.393	<.0000	<.0000	.0021
#4	1.431	<.0000	<.0000	.0010

Analysis Report

02/22/02 11:58:08 AM

page 1

Method: IECW Sample Name: ipc

Run Time: 02/22/02 11:56:22

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5168	1.074	.0906	1.049	1.041	1.072	1.062
SDev	.0032	.011	.0358	.011	.006	.007	.007
%RSD	.6233	1.029	61.60	1.087	.5689	.6132	.6179
#1	.5141	1.063	.0320	1.047	1.032	1.064	1.056
#2	.5181	1.078	.1303	1.063	1.045	1.075	1.065
#3	.5141	1.066	.1456	1.035	1.043	1.069	1.057
#4	.5207	1.087	.0544	1.052	1.044	1.079	1.070
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.047	1.059	1.051	1.012	1.065	<.0000	1.021
SDev	.012	.009	.007	.007	.005	.4505	.015
%RSD	1.155	.8298	.6522	.6798	.4635	30.72	1.454
#1	1.030	1.050	1.044	1.003	1.059	<.0000	1.000
#2	1.050	1.065	1.050	1.015	1.069	<.0000	1.020
#3	1.051	1.054	1.050	1.010	1.063	<.0000	1.032
#4	1.058	1.069	1.060	1.019	1.069	<.0000	1.032
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.051	1.069	.9869	1.073	1.037	1.046	<.0000
SDev	.007	.022	.0155	.021	.006	.015	.1336
%RSD	.6285	2.049	1.571	1.910	.6243	1.410	479.9
#1	1.045	1.042	.9783	1.046	1.031	1.034	.0058
#2	1.052	1.069	1.010	1.081	1.031	1.059	.0952
#3	1.048	1.069	.9783	1.071	1.043	1.034	<.0000
#4	1.060	1.095	.9809	1.095	1.043	1.059	.0057
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.061	1.228	1.033	1.051			
SDev	.010	.228	.005	.008			
%RSD	.9666	18.53	.4594	.7241			
#1	1.061	.9728	1.026	1.042			
#2	1.061	1.106	1.035	1.054			
#3	1.048	1.461	1.034	1.048			
#4	1.074	1.372	1.037	1.060			

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 02/22/02 11:58:27
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0154	<.0000	<.0000	<.0000	<.0000
SDev	.0030	.0106	.0378	.0013	.0006	.0003	.0007
%RSD	67.76	58.94	245.4	329.0	39.98	51.93	17.57
#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.0401	.0012	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.0550	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0009	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
SDev	.0010	.0019	.0008	.0011	.0037	.6847	.0239
%RSD	113.1	51.82	71.48	34.81	68150.	101.4	162.1
#1	.0002	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0009	<.0000	<.0000	<.0000	.0040	<.0000	.0138
#3	.0002	<.0000	<.0000	<.0000	.0020	.1396	<.0000
#4	.0024	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	<.0000	.0067	<.0000	<.0000	.0056	.0065	<.0000
SDev	.0010	.0116	.0162	.0058	.0102	.0322	.0447
%RSD	66.64	172.8	79.11	102.2	182.4	498.9	402.3
#1	<.0000	.0168	<.0000	<.0000	<.0000	.0385	<.0000
#2	<.0000	<.0000	<.0000	<.0000	.0112	<.0000	.0113
#3	<.0000	.0168	<.0000	<.0000	.0168	.0128	.0112
#4	<.0000	<.0000	<.0000	<.0000	.0000	.0129	.0113
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	<.0000	.1000	<.0000	<.0000			
SDev	.0154	.1110	.0017	.0013			
%RSD	51.52	111.0	60.89	72.00			
#1	<.0000	.1333	<.0000	<.0000			
#2	<.0000	.2221	<.0000	<.0000			
#3	<.0000	.0889	<.0000	<.0000			
#4	<.0000	<.0000	<.0000	.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1462
 Run Time: 02/22/02 12:43:38
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1752	.0023	.0128	<.0000	6.606
SDev	.0013	.0087	.0973	.0033	.0007	.0001	.025
%RSD	28.75	100.5	55.49	139.5	5.264	4.255	.3770
#1	<.0000	<.0000	.2587	.0031	.0122	<.0000	6.612
#2	<.0000	<.0000	.0389	<.0000	.0122	<.0000	6.571
#3	<.0000	<.0000	.2283	.0016	.0134	<.0000	6.612
#4	<.0000	.0021	.1751	.0063	.0134	<.0000	6.630
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0274	<.0000	1.454
SDev	.0018	.0035	.0023	.0006	.0016	.1140	.013
%RSD	63.66	108.6	116.2	6.758	6.026	6.446	.8967
#1	<.0000	.0013	<.0000	<.0000	.0274	<.0000	1.444
#2	<.0000	<.0000	<.0000	<.0000	.0253	<.0000	1.444
#3	<.0000	<.0000	<.0000	<.0000	.0274	<.0000	1.456
#4	<.0000	<.0000	.0007	<.0000	.0294	<.0000	1.472
Elem	Mn2576	Mo2020	Na5889	N12316	Pb2203	Sb2068	Se1960
Avge	.0309	<.0000	4.824	<.0000	<.0000	<.0000	<.0000
SDev	.0006	.0077	.024	.0107	.0249	.0437	.1528
%RSD	1.902	76.28	.5003	511.3	98.54	52.42	269.9
#1	.0314	<.0000	4.805	.0105	<.0000	<.0000	<.0000
#2	.0304	<.0000	4.839	<.0000	<.0000	<.0000	.1447
#3	.0314	<.0000	4.850	.0001	<.0000	<.0000	<.0000
#4	.0304	<.0000	4.802	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.7368	.2307	<.0000	<.0000			
SDev	.0188	.1110	.0011	.0019			
%RSD	2.554	48.11	28.31	166.5			
#1	.7274	.1752	<.0000	.0009			
#2	.7274	.1752	<.0000	<.0000			
#3	.7274	.1752	<.0000	<.0000			
#4	.7651	.3972	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1462lab dup

Operator: it

Run Time: 02/22/02 12:45:48

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0025	.1259	.0039	.0125	<.0000	6.608
SDev	.0017	.0198	.0586	.0009	.0006	.0001	.028
%RSD	36.05	785.7	46.59	23.20	4.658	4.619	.4209
#1	<.0000	<.0000	.0692	.0047	.0122	<.0000	6.604
#2	<.0000	<.0000	.1601	.0031	.0122	<.0000	6.570
#3	<.0000	.0320	.0838	.0031	.0134	<.0000	6.632
#4	<.0000	<.0000	.1904	.0047	.0122	<.0000	6.625
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0223	<.0000	1.455
SDev	.0019	.0024	.0024	.0014	.0012	.3049	.029
%RSD	2707.	87.27	272.2	18.25	5.201	19.41	1.966
#1	.0001	<.0000	<.0000	<.0000	.0213	<.0000	1.436
#2	.0009	<.0000	<.0000	<.0000	.0213	<.0000	1.428
#3	<.0000	.0004	.0019	<.0000	.0233	<.0000	1.491
#4	.0016	<.0000	.0000	<.0000	.0233	<.0000	1.464
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0309	<.0000	4.833	.0001	<.0000	<.0000	.0216
SDev	.0013	.0067	.021	.0055	.0084	.0362	.1766
%RSD	4.248	49.54	.4349	7828.	28.56	56.36	815.6
#1	.0314	<.0000	4.823	<.0000	<.0000	<.0000	<.0000
#2	.0304	<.0000	4.807	<.0000	<.0000	<.0000	.1000
#3	.0324	<.0000	4.847	.0053	<.0000	<.0000	.2341
#4	.0293	<.0000	4.853	.0035	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.7415	.0420	<.0000	<.0000			
SDev	.0225	.0960	.0015	.0022			
%RSD	3.037	228.7	40.04	103.0			
#1	.7275	.0420	<.0000	<.0000			
#2	.7212	.1308	<.0000	<.0000			
#3	.7713	<.0000	<.0000	<.0000			
#4	.7462	.0864	<.0000	.0009			

Analysis Report

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page 1

Method: IECW Sample Name: 1462spk
 Run Time: 02/22/02 12:56:56
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0137	.2759	.3418	.2758	.2729	.0514	6.516
SDev	.0013	.0052	.0501	.0031	.0016	.0004	.045
%RSD	9.597	1.897	14.66	1.139	.6044	.7474	.6979
#1	.0144	.2785	.3077	.2711	.2706	.0510	6.456
#2	.0144	.2815	.3077	.2774	.2729	.0514	6.522
#3	.0117	.2695	.3381	.2774	.2741	.0514	6.520
#4	.0144	.2740	.4138	.2774	.2741	.0519	6.566
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1095	.1065	.2647	.2509	.2922	.0000	1.435
SDev	.0025	.0031	.0033	.0016	.0045	.2385	.007
%RSD	2.293	2.887	1.247	.6489	1.536	13.39	.4678
#1	.1086	.1033	.2643	.2486	.2866	<.0000	1.436
#2	.1093	.1107	.2643	.2520	.2947	<.0000	1.428
#3	.1071	.1058	.2612	.2520	.2907	<.0000	1.432
#4	.1130	.1062	.2692	.2509	.2968	<.0000	1.444
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2966	.0953	4.795	.2777	.2494	.2230	.2665
SDev	.0022	.0149	.041	.0092	.0174	.0437	.0671
%RSD	.7401	15.61	.8597	3.306	6.991	19.62	25.19
#1	.2936	.0902	4.755	.2829	.2410	.2165	.3671
#2	.2977	.0835	4.786	.2863	.2298	.1653	.2329
#3	.2987	.0902	4.786	.2655	.2578	.2422	.2329
#4	.2966	.1170	4.852	.2759	.2690	.2678	.2329
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8688	.3522	.1004	.2620			
SDev	.0166	.0888	.0009	.0034			
%RSD	1.914	25.22	.9227	1.303			
#1	.8593	.3966	.0999	.2623			
#2	.8908	.3966	.1018	.2571			
#3	.8719	.3966	.0999	.2644			
#4	.8530	.2189	.0999	.2644			

Analysis Report

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page 1

Method: IECW Sample Name: 1463
 Run Time: 02/22/02 13:01:13
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0883	.0028	.0119	<.0000	6.544
SDev	.0020	.0049	.0662	.0008	.0006	.0001	.025
%RSD	27.38	21.00	74.96	28.62	4.921	4.277	.3811
#1	<.0000	<.0000	.0163	.0016	.0122	<.0000	6.520
#2	<.0000	<.0000	.0922	.0031	.0110	<.0000	6.578
#3	<.0000	<.0000	.0693	.0031	.0122	<.0000	6.532
#4	<.0000	<.0000	.1754	.0031	.0122	<.0000	6.545
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0243	<.0000	1.412
SDev	.0007	.0015	.0016	.0011	.0020	.3450	.019
%RSD	30.90	28.28	46.83	11.58	8.330	13.06	1.372
#1	<.0000	<.0000	<.0000	<.0000	.0233	<.0000	1.428
#2	<.0000	<.0000	<.0000	<.0000	.0274	<.0000	1.397
#3	<.0000	<.0000	<.0000	<.0000	.0233	<.0000	1.393
#4	<.0000	<.0000	<.0000	<.0000	.0233	<.0000	1.428
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0304	<.0000	4.764	.0049	<.0000	<.0000	<.0000
SDev	.0008	.0055	.057	.0121	.0148	.0000	.2110
%RSD	2.734	54.00	1.203	250.1	58.80	.0206	311.6
#1	.0304	<.0000	4.778	.0070	<.0000	<.0000	<.0000
#2	.0294	<.0000	4.839	<.0000	<.0000	<.0000	<.0000
#3	.0314	<.0000	4.712	.0209	<.0000	<.0000	.2343
#4	.0304	<.0000	4.728	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.7181	.2086	<.0000	<.0000			
SDev	.0188	.3106	.0012	.0015			
%RSD	2.623	148.9	19.90	63.98			
#1	.7023	.6194	<.0000	<.0000			
#2	.7024	.2641	<.0000	<.0000			
#3	.7275	<.0000	<.0000	<.0000			
#4	.7400	.0420	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1464

Operator: it

Run Time: 02/22/02 13:03:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0031	.0755	.0139	.0300	<.0000	26.33
SDev	.0021	.0111	.0378	.0025	.0009	.0001	.02
%RSD	82.27	359.2	50.10	18.09	3.175	4.082	.0942

#1	<.0000	.0083	.0792	.0149	.0300	<.0000	26.35
#2	<.0000	.0128	.0640	.0157	.0300	<.0000	26.33
#3	<.0000	<.0000	.0340	.0149	.0288	<.0000	26.30
#4	<.0000	.0038	.1247	.0102	.0311	<.0000	26.36

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0035	<.0000	.0584	.1164	8.810
SDev	.0018	.0017	.0022	.0015	.0019	.6567	.034
%RSD	2888.	57.79	63.97	25.36	3.302	564.3	.3856

#1	<.0000	<.0000	.0047	<.0000	.0599	.6051	8.826
#2	.0020	<.0000	.0059	<.0000	.0599	.6517	8.841
#3	<.0000	<.0000	.0010	<.0000	.0559	<.0000	8.763
#4	.0005	<.0000	.0023	<.0000	.0579	<.0000	8.810

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0926	<.0000	28.90	.0130	<.0000	<.0000	.0070
SDev	.0015	.0055	.09	.0111	.0116	.0296	.0817
%RSD	1.648	139.5	.3136	85.57	91.54	208.4	1173.

#1	.0939	<.0000	28.82	.0034	<.0000	<.0000	<.0000
#2	.0918	<.0000	28.82	.0208	<.0000	<.0000	.0964
#3	.0939	.0028	28.96	.0034	<.0000	.0115	<.0000
#4	.0908	<.0000	28.99	.0243	<.0000	.0114	.0517

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.588	.3855	<.0000	<.0000
SDev	.018	.1308	.0024	.0015
%RSD	1.133	33.92	155.5	125.1

#1	1.593	.4298	<.0000	<.0000
#2	1.612	.2078	.0005	<.0000
#3	1.574	.3855	<.0000	<.0000
#4	1.574	.5187	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 1498
 Run Time: 02/22/02 13:06:55
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0029	.0482	.0031	.0125	<.0000	6.598
SDev	.0018	.0162	.0647	.0034	.0006	.0001	.012
%RSD	52.47	561.9	134.2	108.9	4.681	3.922	.1745
#1	<.0000	.0216	.0536	<.0000	.0122	<.0000	6.614
#2	<.0000	.0111	.0841	.0031	.0122	<.0000	6.586
#3	<.0000	<.0000	.0995	.0063	.0122	<.0000	6.597
#4	<.0000	<.0000	<.0000	.0047	.0134	<.0000	6.597
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0324	<.0000	1.453
SDev	.0016	.0016	.0028	.0015	.0012	.3938	.013
%RSD	371.1	38.70	207.8	19.43	3.594	21.02	.8940
#1	.0001	<.0000	.0019	<.0000	.0334	<.0000	1.468
#2	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.440
#3	.0009	<.0000	<.0000	<.0000	.0314	<.0000	1.444
#4	.0001	<.0000	<.0000	<.0000	.0334	<.0000	1.460
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0327	<.0000	8.324	.0001	<.0000	<.0000	<.0000
SDev	.0005	.0039	.053	.0079	.0212	.0528	.0993
%RSD	1.556	56.88	.6319	11190.	100.6	271.4	429.5
#1	.0324	<.0000	8.273	<.0000	<.0000	<.0000	<.0000
#2	.0324	<.0000	8.284	.0018	<.0000	.0381	.0104
#3	.0324	<.0000	8.361	.0105	<.0000	.0126	.1000
#4	.0334	<.0000	8.377	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9771	.1197	<.0000	<.0000			
SDev	.0119	.2031	.0009	.0012			
%RSD	1.216	169.7	38.77	105.1			
#1	.9786	.3972	<.0000	<.0000			
#2	.9849	<.0000	<.0000	<.0000			
#3	.9598	.0864	<.0000	<.0000			
#4	.9849	.0864	<.0000	<.0000			

Analysis Report

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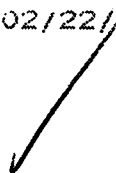
Method: IECW Sample Name: 1499

Operator: it

Run Time: 02/22/02 13:13:19

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0089	.1106	.0047	.0131	<.0000	6.594
SDev	.0024	.0155	.0850	.0011	.0006	.0001	.027
%RSD	91.90	175.5	76.87	23.68	4.449	4.619	.4020

#1	<.0000	.0141	.0385	.0047	.0134	<.0000	6.572
#2	<.0000	.0171	.1597	.0039	.0134	<.0000	6.625
#3	<.0000	<.0000	.0389	.0039	.0122	<.0000	6.572
#4	<.0000	.0186	.2052	.0063	.0134	<.0000	6.607

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0329	<.0000	1.467
SDev	.0024	.0021	.0024	.0016	.0019	.3724	.032
%RSD	200.2	84.86	121.2	23.02	5.887	26.67	2.215

#1	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.468
#2	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.491
#3	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.420
#4	.0023	<.0000	.0013	<.0000	.0314	<.0000	1.487

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0329	<.0000	7.900	.0048	.0084	<.0000	.1782
SDev	.0006	.0064	.050	.0022	.0207	.0148	.1177
%RSD	1.778	54.17	.6334	45.15	246.7	28.77	66.05

#1	.0324	<.0000	7.842	.0053	<.0000	<.0000	.0551
#2	.0334	<.0000	7.955	.0070	<.0000	<.0000	.2788
#3	.0324	<.0000	7.924	.0053	.0336	<.0000	.2790
#4	.0334	<.0000	7.879	.0018	.0168	<.0000	.0999

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.9770	.2307	<.0000	<.0000
SDev	.0207	.1275	.0014	.0015
%RSD	2.119	55.28	39.15	111.2

#1	.9786	.1307	<.0000	<.0000
#2	1.004	.3972	<.0000	<.0000
#3	.9536	.1308	<.0000	<.0000
#4	.9723	.2639	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 1500
 Run Time: 02/22/02 13:15:44
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0017	.0859	.0029	.0133	<.0000	7.196
SDev	.0000	.0135	.0881	.0037	.0000	.0001	.037
%RSD	.0147	805.1	102.5	127.2	.0315	3.922	.5184
#1	<.0000	<.0000	.0690	.0015	.0133	<.0000	7.147
#2	<.0000	.0155	.1066	.0078	.0133	<.0000	7.212
#3	<.0000	<.0000	.1902	<.0000	.0133	<.0000	7.234
#4	<.0000	.0110	<.0000	.0031	.0133	<.0000	7.189
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0409	<.0000	1.663
SDev	.0032	.0029	.0012	.0006	.0045	.2978	.019
%RSD	711.3	140.3	318.9	123.4	10.98	18.15	1.164
#1	.0023	<.0000	.0006	<.0000	.0435	<.0000	1.641
#2	.0023	<.0000	<.0000	<.0000	.0455	<.0000	1.664
#3	<.0000	<.0000	.0005	<.0000	.0394	<.0000	1.688
#4	<.0000	.0020	<.0000	<.0000	.0353	<.0000	1.660
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0497	<.0000	8.182	.0031	<.0000	<.0000	<.0000
SDev	.0000	.0055	.030	.0066	.0145	.0000	.0671
%RSD	.0026	158.1	.3675	214.4	258.0	.0598	289.0
#1	.0497	.0032	8.154	<.0000	<.0000	<.0000	.0104
#2	.0497	<.0000	8.204	.0122	<.0000	<.0000	.0550
#3	.0497	<.0000	8.212	<.0000	.0112	<.0000	<.0000
#4	.0497	<.0000	8.159	.0035	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.005	.1415	<.0000	.0014			
SDev	.020	.3522	.0008	.0010			
%RSD	2.001	248.9	26.43	71.89			
#1	.9909	<.0000	<.0000	.0009			
#2	.9971	.2192	<.0000	.0009			
#3	.9970	.5745	<.0000	.0009			
#4	1.035	.0416	<.0000	.0030			

Analysis Report

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Method: IECW Sample Name: 1501

Run Time: 02/22/02 13:18:20

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0020	.0763	.0044	.0132	<.0000	7.787
SDev	.0015	.0044	.0593	.0051	.0000	.0001	.024
%RSD	40.77	223.3	77.70	116.1	.0207	4.619	.3119

#1	<.0000	.0065	.1369	.0093	.0132	<.0000	7.759
#2	<.0000	<.0000	.0006	.0070	.0132	<.0000	7.785
#3	<.0000	<.0000	.0612	.0038	.0132	<.0000	7.784
#4	<.0000	.0050	.1066	<.0000	.0132	<.0000	7.818

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0003	<.0000	.0342	<.0000	1.890
SDev	.0021	.0016	.0013	.0009	.0026	.2233	.016
%RSD	2272.	42.94	453.5	37.67	7.659	14.76	.8406

#1	<.0000	<.0000	.0004	<.0000	.0373	<.0000	1.880
#2	.0023	<.0000	<.0000	<.0000	.0352	<.0000	1.892
#3	.0001	<.0000	.0004	<.0000	.0332	<.0000	1.876
#4	.0001	<.0000	.0017	<.0000	.0312	<.0000	1.912

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0433	<.0000	9.326	.0047	<.0000	<.0000	.0662
SDev	.0010	.0034	.057	.0083	.0134	.0437	.1479
%RSD	2.248	22.02	.6149	175.5	475.3	96.88	223.4

#1	.0425	<.0000	9.272	.0156	<.0000	.0125	<.0000
#2	.0446	<.0000	9.407	.0069	<.0000	<.0000	.0997
#3	.0435	<.0000	9.317	<.0000	<.0000	<.0000	.2340
#4	.0425	<.0000	9.309	<.0000	.0168	<.0000	.0550

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.055	.2855	<.0000	.0001
SDev	.013	.1681	.0009	.0005
%RSD	1.225	58.88	28.59	381.4

#1	1.041	.3077	<.0000	.0009
#2	1.053	.3965	<.0000	<.0000
#3	1.053	.0413	<.0000	<.0000
#4	1.072	.3965	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 1502
 Run Time: 02/22/02 13:20:43
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Se3130	Ca3179
Avge	<.0000	.0123	.0968	.0069	.0143	<.0000	8.739
SDev	.0018	.0037	.0457	.0031	.0000	.0001	.035
%RSD	92.98	29.80	47.17	44.73	.0258	4.082	.3949
#1	<.0000	.0168	.0759	.0077	.0143	<.0000	8.696
#2	<.0000	.0093	.1593	.0053	.0143	<.0000	8.729
#3	<.0000	.0093	.0987	.0037	.0143	<.0000	8.777
#4	<.0000	.0138	.0532	.0108	.0143	<.0000	8.753
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0013	.0012	.0355	<.0000	2.230
SDev	.0029	.0017	.0020	.0006	.0019	.3705	.032
%RSD	125.4	192.0	154.1	47.10	5.470	27.44	1.432
#1	<.0000	.0009	.0015	.0009	.0351	<.0000	2.199
#2	.0001	<.0000	.0027	.0009	.0371	<.0000	2.242
#3	.0001	<.0000	.0027	.0009	.0371	<.0000	2.210
#4	<.0000	<.0000	<.0000	.0021	.0330	<.0000	2.269
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0405	<.0000	10.52	.0051	<.0000	<.0000	.0660
SDev	.0008	.0077	.07	.0024	.0134	.0245	.1177
%RSD	2.049	32.77	.6799	48.16	474.7	34.62	178.4
#1	.0395	<.0000	10.45	.0016	.0168	<.0000	.0101
#2	.0405	<.0000	10.54	.0068	<.0000	<.0000	<.0000
#3	.0415	<.0000	10.61	.0051	<.0000	<.0000	.2338
#4	.0405	<.0000	10.47	.0068	<.0000	<.0000	.0548
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.097	.3405	<.0000	.0004			
SDev	.009	.2388	.0014	.0006			
%RSD	.8055	70.15	109.7	158.8			
#1	1.084	.5737	<.0000	.0009			
#2	1.103	.4848	<.0000	<.0000			
#3	1.097	.2628	<.0000	.0009			
#4	1.103	.0406	<.0000	<.0000			

Analysis Report

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Method: IECW Sample Name: 1503
 Run Time: 02/22/02 13:23:13
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0059	.0917	.0033	.0125	<.0000	6.593
SDev	.0020	.0171	.1024	.0016	.0006	.0001	.026
%RSD	84.93	291.0	111.7	48.66	4.671	3.922	.3900
#1	<.0000	<.0000	.2056	.0016	.0122	<.0000	6.618
#2	<.0000	.0201	.0688	.0031	.0122	<.0000	6.567
#3	<.0000	.0201	.1294	.0055	.0134	<.0000	6.612
#4	<.0000	<.0000	<.0000	.0031	.0122	<.0000	6.575
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0279	<.0000	1.438
SDev	.0024	.0017	.0022	.0020	.0026	.6134	.010
%RSD	292.1	66.20	84.35	437.3	9.147	32.54	.6882
#1	<.0000	<.0000	<.0000	<.0000	.0274	<.0000	1.452
#2	.0001	<.0000	<.0000	<.0000	.0253	<.0000	1.436
#3	.0009	<.0000	.0001	.0021	.0314	<.0000	1.428
#4	.0001	<.0000	<.0000	<.0000	.0274	<.0000	1.436
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0344	<.0000	7.669	.0087	<.0000	<.0000	.0664
SDev	.0008	.0087	.087	.0071	.0134	.0362	.1118
%RSD	2.412	127.2	1.133	80.96	475.3	56.34	168.5
#1	.0334	<.0000	7.717	.0087	.0168	<.0000	.0105
#2	.0344	<.0000	7.547	.0174	<.0000	<.0000	.0104
#3	.0344	.0032	7.743	.0088	<.0000	<.0000	.2341
#4	.0354	<.0000	7.667	.0001	<.0000	<.0000	.0105
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9724	.1530	<.0000	.0004			
SDev	.0126	.1867	.0018	.0006			
%RSD	1.292	122.0	103.7	143.4			
#1	.9786	.1752	<.0000	.0009			
#2	.9787	.3973	<.0000	<.0000			
#3	.9787	.0864	.0009	.0009			
#4	.9535	<.0000	<.0000	<.0000			

Analysis Report

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Method: IECW Sample Name: 1504

Operator: it

Run Time: 02/22/02 13:25:49

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1430	.0035	.0125	<.0000	6.983
SDev	.0006	.0068	.0849	.0032	.0006	.0000	.026
%RSD	16.17	105.3	59.34	90.21	4.678	.0000	.3770

#1	<.0000	<.0000	.0162	.0039	.0122	<.0000	6.994
#2	<.0000	<.0000	.1905	.0008	.0122	<.0000	6.951
#3	<.0000	.0006	.1903	.0079	.0133	<.0000	7.012
#4	<.0000	<.0000	.1752	.0016	.0122	<.0000	6.974

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0263	<.0000	1.399
SDev	.0014	.0019	.0016	.0017	.0026	.4004	.007
%RSD	216.4	52.46	110.6	107.3	9.936	23.25	.4872

#1	<.0000	<.0000	.0001	<.0000	.0294	<.0000	1.393
#2	.0009	<.0000	<.0000	<.0000	.0273	<.0000	1.409
#3	.0001	<.0000	<.0000	<.0000	.0253	<.0000	1.397
#4	<.0000	<.0000	<.0000	<.0000	.0233	<.0000	1.397

Elem	Mn2576	Mo2020	Na5889	N12316	Pb2203	Sb2068	Se1960
Avge	.0232	<.0000	7.909	.0122	<.0000	<.0000	.1336
SDev	.0012	.0055	.036	.0043	.0165	.0128	.1840
%RSD	5.049	53.98	.4582	34.74	294.3	39.76	137.8

#1	.0222	<.0000	7.857	.0122	<.0000	<.0000	.1448
#2	.0222	<.0000	7.934	.0174	<.0000	<.0000	.3685
#3	.0243	<.0000	7.934	.0070	<.0000	<.0000	.1000
#4	.0243	<.0000	7.910	.0122	.0168	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.9677	.2197	<.0000	.0002
SDev	.0181	.1203	.0009	.0005
%RSD	1.865	54.74	27.97	331.9

#1	.9787	.1309	<.0000	.0009
#2	.9410	.3973	<.0000	<.0000
#3	.9725	.1753	<.0000	<.0000
#4	.9787	.1753	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 02/22/02 13:28:19
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5113	1.076	.0432	1.034	1.031	1.058	1.059
SDev	.0010	.013	.0548	.007	.004	.003	.008
%RSD	.1929	1.202	126.7	.7028	.3631	.3095	.7486
#1	.5122	1.093	.0240	1.028	1.027	1.055	1.066
#2	.5122	1.077	.1076	1.041	1.035	1.062	1.061
#3	.5108	1.069	.0623	1.028	1.027	1.056	1.048
#4	.5102	1.063	<.0000	1.041	1.033	1.060	1.061
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.031	1.046	1.038	.9944	1.051	<.0000	1.031
SDev	.007	.006	.006	.0027	.004	.0038	.012
%RSD	.6542	.5336	.6060	.2757	.3970	28.67	1.139
#1	1.038	1.049	1.031	.9915	1.055	<.0000	1.043
#2	1.035	1.052	1.044	.9961	1.055	<.0000	1.028
#3	1.022	1.040	1.034	.9927	1.049	<.0000	1.016
#4	1.030	1.042	1.041	.9973	1.047	<.0000	1.036
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Sr1960
Avge	1.038	1.042	1.036	1.083	1.055	.9311	.0057
SDev	.004	.038	.035	.006	.031	.0362	.0967
%RSD	.3620	3.679	3.357	.5994	2.955	3.893	1688.
#1	1.034	1.002	1.068	1.083	1.026	.8798	.0504
#2	1.043	1.022	1.021	1.090	1.087	.9567	<.0000
#3	1.039	1.089	1.060	1.074	1.076	.9567	.0058
#4	1.038	1.055	.9942	1.084	1.031	.9311	.0953
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.033	1.184	1.018	1.034			
SDev	.030	.230	.002	.004			
%RSD	2.872	19.47	.2165	.3403			
#1	1.074	1.017	1.019	1.029			
#2	1.036	1.461	1.020	1.035			
#3	1.011	1.284	1.020	1.034			
#4	1.011	.9727	1.015	1.037			

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 02/22/02 13:31:48
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0060	.0776	.0004	<.0000	<.0000	<.0000
SDev	.0016	.0068	.0577	.0011	.0007	.0001	.0012
%RSD	167.8	113.6	74.31	276.5	38.49	4.444	29.59
#1	.0013	.0149	.1381	.0004	<.0000	<.0000	<.0000
#2	<.0000	.0015	.0019	.0012	<.0000	<.0000	<.0000
#3	<.0000	.0000	.1004	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0075	.0700	.0012	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0036	.0009	.0025	.0015	.0023	.2129	.0183
%RSD	1976.	65.27	179.0	23.48	38.48	11.96	619.5
#1	.0039	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0017	<.0000	<.0000	<.0000	<.0000	<.0000	.0098
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0015	<.0000	<.0000	<.0000	.0138

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	.0404	.0126	<.0000	<.0000	<.0000
SDev	.0005	.0000	.0193	.0079	.0215	.0128	.0447
%RSD	40.07	.1286	47.69	62.72	1699000.	22.19	80.00
#1	<.0000	<.0000	.0278	.0230	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.0649	.0056	.0168	<.0000	<.0000
#3	<.0000	<.0000	.0225	.0143	.0168	<.0000	<.0000
#4	<.0000	<.0000	.0464	.0074	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.2554	<.0000	<.0000
SDev	.0079	.1636	.0008	.0015
%RSD	15.67	64.08	27.20	70.72
#1	<.0000	.2665	<.0000	<.0000
#2	<.0000	.2665	<.0000	<.0000
#3	<.0000	.0445	<.0000	<.0000
#4	<.0000	.4441	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 1fb
 Run Time: 02/22/02 13:33:51
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0122	.2603	.3752	.2638	.2587	.0511	.0088
SDev	.0016	.0182	.0672	.0028	.0020	.0002	.0033
%RSD	12.87	6.992	17.91	1.074	.7723	.4207	37.40
#1	.0125	.2509	.4303	.2644	.2584	.0510	.0047
#2	.0131	.2644	.4074	.2612	.2560	.0508	.0114
#3	.0131	.2838	.2784	.2675	.2607	.0513	.0115
#4	.0099	.2419	.3849	.2620	.2595	.0512	.0076

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1061	.1074	.2639	.2531	.2811	<.0000	<.0000
SDev	.0030	.0021	.0031	.0017	.0045	.4647	.0243
%RSD	2.813	1.979	1.160	.6826	1.598	14.57	485.5
#1	.1042	.1098	.2608	.2511	.2755	<.0000	<.0000
#2	.1035	.1062	.2620	.2522	.2836	<.0000	.0255
#3	.1101	.1085	.2676	.2545	.2795	<.0000	<.0000
#4	.1065	.1051	.2651	.2545	.2856	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2642	.0987	.0046	.2845	.2508	.2040	.3903
SDev	.0008	.0034	.0314	.0022	.0154	.0331	.1065
%RSD	.3144	3.393	684.4	.7670	6.154	16.21	27.29
#1	.2642	.0970	<.0000	.2867	.2354	.1912	.2337
#2	.2632	.1037	.0145	.2850	.2578	.1656	.4573
#3	.2642	.0970	.0437	.2850	.2690	.2168	.4126
#4	.2653	.0970	<.0000	.2815	.2410	.2425	.4574

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.1413	.5322	.0991	.2614
SDev	.0268	.1495	.0020	.0022
%RSD	18.98	28.09	2.019	.8544
#1	.1083	.6211	.0963	.2634
#2	.1711	.6210	.1009	.2583
#3	.1524	.3102	.1000	.2614
#4	.1335	.5767	.0991	.2624

Analysis Report

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page 1

Method: IECW Sample Name: 1rb
 Run Time: 02/22/02 13:36:25
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0740	.0012	<.0000	<.0000	<.0000
SDev	.0014	.0128	.0581	.0023	.0007	.0001	.0006
%RSD	46.26	190.9	78.53	193.9	38.49	4.082	13.02

#1	<.0000	.0090	.1079	.0012	<.0000	<.0000	<.0000
#2	<.0000	<.0000	.1004	.0038	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.1006	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0020	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0025	.0031	.0022	.0011	.0019	.0004	.0039
%RSD	269.1	159.4	79.33	15.38	20.17	25.45	33.33

#1	.0002	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0017	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	.0039	.0013	.0003	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	.0391	.0221	.0000	.0256	.1566
SDev	.0010	.0064	.0277	.0087	.0079	.0148	.0922
%RSD	54.75	54.70	70.96	39.21	229200.	57.65	58.89

#1	<.0000	<.0000	.0278	.0334	.0056	.0384	.2349
#2	<.0000	<.0000	.0702	.0230	.0056	.0128	.0559
#3	<.0000	<.0000	.0517	.0195	.0000	.0129	.1007
#4	<.0000	<.0000	.0066	.0126	<.0000	.0385	.2350

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.1888	<.0000	<.0000
SDev	.0094	.0916	.0008	.0018
%RSD	25.01	48.50	20.42	115.6

#1	<.0000	.2665	<.0000	.0000
#2	<.0000	.0888	<.0000	<.0000
#3	<.0000	.1333	<.0000	<.0000
#4	<.0000	.2665	<.0000	.0000

Analysis Report

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page 1

Method: IECW Sample Name: 1506
 Run Time: 02/22/02 13:38:58
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0138	<.0000	.0096	<.0000	6.445
SDev	.0015	.0174	.0261	.0016	.0006	.0000	.021
%RSD	6.842	15.12	189.5	285.0	6.084	.0000	.3270
#1	<.0000	<.0000	<.0000	<.0000	.0099	<.0000	6.460
#2	<.0000	<.0000	.0482	.0016	.0087	<.0000	6.441
#3	<.0000	<.0000	.0023	<.0000	.0099	<.0000	6.462
#4	<.0000	<.0000	.0176	<.0000	.0099	<.0000	6.417
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0244	<.0000	1.318
SDev	.0026	.0020	.0005	.0011	.0039	.1783	.018
%RSD	73.54	13.25	3.606	5.669	15.94	3.114	1.399
#1	.0001	<.0000	<.0000	<.0000	.0213	<.0000	1.338
#2	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.295
#3	<.0000	<.0000	<.0000	<.0000	.0213	<.0000	1.326
#4	<.0000	<.0000	<.0000	<.0000	.0294	<.0000	1.314
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0291	<.0000	8.204	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0067	.048	.0106	.0236	.0245	.1391
%RSD	1.743	33.33	.5833	888.4	33.64	29.52	247.4
#1	.0294	<.0000	8.250	<.0000	<.0000	<.0000	.1003
#2	.0283	<.0000	8.202	<.0000	<.0000	<.0000	<.0000
#3	.0294	<.0000	8.226	.0122	<.0000	<.0000	<.0000
#4	.0294	<.0000	8.138	<.0000	<.0000	<.0000	.0109
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8187	.1644	<.0000	<.0000			
SDev	.0196	.0425	.0014	.0010			
%RSD	2.388	25.85	9.481	24.94			
#1	.7967	.1755	<.0000	<.0000			
#2	.8282	.1312	<.0000	<.0000			
#3	.8093	.1311	<.0000	<.0000			
#4	.8407	.2199	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1506

Run Time: 02/22/02 13:42:37

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0174	<.0000	.0099	<.0000	6.449
SDev	.0022	.0185	.0766	.0016	.0000	.0001	.018
%RSD	10.83	18.24	440.4	100.8	.0223	3.175	.2811

#1	<.0000	<.0000	<.0000	.0008	.0099	<.0000	6.458
#2	<.0000	<.0000	<.0000	<.0000	.0099	<.0000	6.424
#3	<.0000	<.0000	.0401	<.0000	.0099	<.0000	6.467
#4	<.0000	<.0000	.1082	<.0000	.0099	<.0000	6.447

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0249	<.0000	1.335
SDev	.0017	.0035	.0011	.0021	.0042	.4722	.006
%RSD	39.55	26.30	8.497	11.31	16.78	8.298	.4415

#1	<.0000	<.0000	<.0000	<.0000	.0274	<.0000	1.342
#2	<.0000	<.0000	<.0000	<.0000	.0213	<.0000	1.330
#3	<.0000	<.0000	<.0000	<.0000	.0294	<.0000	1.338
#4	<.0000	<.0000	<.0000	<.0000	.0213	<.0000	1.330

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0291	<.0000	8.232	.0023	<.0000	<.0000	<.0000
SDev	.0010	.0084	.047	.0056	.0284	.0384	.1528
%RSD	3.343	33.47	.5701	244.9	32.12	35.32	271.5

#1	.0304	<.0000	8.284	.0001	<.0000	<.0000	.1450
#2	.0294	<.0000	8.258	.0001	<.0000	<.0000	<.0000
#3	.0283	<.0000	8.181	<.0000	<.0000	<.0000	<.0000
#4	.0283	<.0000	8.207	.0105	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8124	.0090	<.0000	<.0000
SDev	.0120	.0984	.0011	.0006
%RSD	1.480	1100.	7.663	12.61

#1	.8218	.0866	<.0000	<.0000
#2	.7967	<.0000	<.0000	<.0000
#3	.8093	.0422	<.0000	<.0000
#4	.8219	.0423	<.0000	<.0000

see prev. page

Analysis Report

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page 1

Method: IECW Sample Name: 1940
 Run Time: 02/22/02 13:45:16
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0267	<.0000	.0099	<.0000	6.570
SDev	.0031	.0146	.0683	.0004	.0000	.0001	.025
%RSD	16.91	15.51	255.5	67.83	.0305	3.175	.3836
#1	<.0000	<.0000	.0781	<.0000	.0099	<.0000	6.556
#2	<.0000	<.0000	.0550	<.0000	.0099	<.0000	6.604
#3	<.0000	<.0000	<.0000	.0000	.0099	<.0000	6.547
#4	<.0000	<.0000	.0477	<.0000	.0099	<.0000	6.573
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0178	<.0000	1.371
SDev	.0017	.0015	.0031	.0009	.0030	.5120	.021
%RSD	113.0	11.91	30.98	5.058	17.11	9.607	1.561
#1	.0009	<.0000	<.0000	<.0000	.0152	<.0000	1.342
#2	<.0000	<.0000	<.0000	<.0000	.0152	<.0000	1.393
#3	<.0000	<.0000	<.0000	<.0000	.0213	<.0000	1.377
#4	<.0000	<.0000	<.0000	<.0000	.0193	<.0000	1.373
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0227	<.0000	4.874	.0070	<.0000	<.0000	<.0000
SDev	.0006	.0000	.039	.0035	.0185	.0443	.0633
%RSD	2.578	.0570	.7920	49.34	24.03	43.29	186.7
#1	.0222	<.0000	4.921	.0053	<.0000	<.0000	.0556
#2	.0222	<.0000	4.890	.0053	<.0000	<.0000	<.0000
#3	.0233	<.0000	4.837	.0122	<.0000	<.0000	<.0000
#4	.0233	<.0000	4.850	.0053	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.5486	.0644	<.0000	<.0000			
SDev	.0166	.2067	.0019	.0010			
%RSD	3.027	321.0	13.45	24.95			
#1	.5518	.2643	<.0000	<.0000			
#2	.5705	<.0000	<.0000	<.0000			
#3	.5391	.1310	<.0000	<.0000			
#4	.5329	.0866	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1941
 Run Time: 02/22/02 13:47:46
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

FLC

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0704	<.0000	.0096	<.0000	6.521
SDev	.0011	.0080	.0670	.0014	.0006	.0001	.013
%RSD	5.710	8.048	95.12	36.59	6.096	3.175	.2026

#1	<.0000	<.0000	.1614	<.0000	.0099	<.0000	6.516
#2	<.0000	<.0000	.0477	<.0000	.0087	<.0000	6.518
#3	<.0000	<.0000	.0703	<.0000	.0099	<.0000	6.509
#4	<.0000	<.0000	.0022	<.0000	.0099	<.0000	6.540

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0203	<.0000	1.348
SDev	.0019	.0022	.0009	.0016	.0042	.3166	.010
%RSD	64.30	19.08	7.493	8.765	20.77	5.632	.7720

#1	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.358
#2	<.0000	<.0000	<.0000	<.0000	.0213	<.0000	1.334
#3	<.0000	<.0000	<.0000	<.0000	.0152	<.0000	1.354
#4	<.0000	<.0000	<.0000	<.0000	.0193	<.0000	1.346

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0230	<.0000	4.796	.0027	<.0000	<.0000	.0108
SDev	.0010	.0039	.024	.0033	.0192	.0331	.0731
%RSD	4.229	28.78	.4912	123.1	20.71	25.84	673.5

#1	.0243	<.0000	4.773	<.0000	<.0000	<.0000	<.0000
#2	.0233	<.0000	4.829	.0018	<.0000	<.0000	.0109
#3	.0222	<.0000	4.792	.0053	<.0000	<.0000	.1003
#4	.0222	<.0000	4.789	.0053	<.0000	<.0000	.0109

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.5329	.0978	<.0000	<.0000
SDev	.0115	.1467	.0014	.0027
%RSD	2.151	150.1	9.794	57.68

#1	.5203	.0866	<.0000	<.0000
#2	.5267	.1311	<.0000	<.0000
#3	.5455	.2643	<.0000	<.0000
#4	.5392	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 1941

Operator: it

Run Time: 02/22/02 13:49:36

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0306	<.0000	.0096	<.0000	6.537
SDev	.0014	.0119	.1019	.0023	.0006	.0001	.015
%RSD	7.388	12.39	333.5	300.9	6.090	3.175	.2262
#1	<.0000	<.0000	.1612	.0016	.0099	<.0000	6.554
#2	<.0000	<.0000	<.0000	<.0000	.0099	<.0000	6.529
#3	<.0000	<.0000	.0554	<.0000	.0099	<.0000	6.544
#4	<.0000	<.0000	<.0000	.0008	.0087	<.0000	6.521
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0188	<.0000	1.359
SDev	.0035	.0013	.0018	.0007	.0042	.5565	.013
%RSD	432.5	9.451	15.69	3.468	22.22	9.660	.9849
#1	.0001	<.0000	<.0000	<.0000	.0233	<.0000	1.377
#2	.0001	<.0000	<.0000	<.0000	.0193	<.0000	1.358
#3	.0023	<.0000	<.0000	<.0000	.0193	<.0000	1.346
#4	<.0000	<.0000	<.0000	<.0000	.0132	<.0000	1.354
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0230	<.0000	4.796	.0010	<.0000	<.0000	.0444
SDev	.0005	.0064	.056	.0081	.0189	.0846	.1946
%RSD	2.207	29.43	1.174	840.0	24.06	101.7	438.3
#1	.0233	<.0000	4.752	<.0000	<.0000	<.0000	.3240
#2	.0233	<.0000	4.874	.0070	<.0000	<.0000	.0108
#3	.0222	<.0000	4.757	<.0000	<.0000	<.0000	<.0000
#4	.0233	<.0000	4.800	.0088	<.0000	.0129	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.5392	.2421	<.0000	<.0000			
SDev	.0136	.1720	.0005	.0010			
%RSD	2.515	71.05	3.062	22.08			
#1	.5391	.1754	<.0000	<.0000			
#2	.5517	.4419	<.0000	<.0000			
#3	.5204	.0423	<.0000	<.0000			
#4	.5455	.3087	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1942
 Run Time: 02/22/02 13:53:52
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0563	.0124	.0265	<.0000	25.68
SDev	.0014	.0136	.0811	.0041	.0000	.0001	.09
%RSD	7.663	12.56	144.3	33.26	.0364	3.725	.3597
#1	<.0000	<.0000	<.0000	.0126	.0265	<.0000	25.78
#2	<.0000	<.0000	.0657	.0087	.0265	<.0000	25.68
#3	<.0000	<.0000	.1645	.0181	.0266	<.0000	25.56
#4	<.0000	<.0000	.0201	.0103	.0265	<.0000	25.69
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0474	<.0000	8.519
SDev	.0007	.0015	.0013	.0014	.0026	.3829	.025
%RSD	26.83	12.32	15.33	7.705	5.397	10.35	.2989
#1	<.0000	<.0000	<.0000	<.0000	.0479	<.0000	8.543
#2	<.0000	<.0000	<.0000	<.0000	.0479	<.0000	8.519
#3	<.0000	<.0000	<.0000	<.0000	.0499	<.0000	8.484
#4	<.0000	<.0000	<.0000	<.0000	.0438	<.0000	8.531
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0758	<.0000	28.58	.0122	<.0000	<.0000	.0187
SDev	.0010	.0067	.10	.0087	.0155	.0735	.0764
%RSD	1.282	24.53	.3632	71.65	18.07	102.9	409.4
#1	.0766	<.0000	28.61	.0104	<.0000	<.0000	.0522
#2	.0746	<.0000	28.44	.0243	<.0000	<.0000	.0970
#3	.0756	<.0000	28.69	.0035	<.0000	<.0000	<.0000
#4	.0766	<.0000	28.60	.0104	<.0000	.0117	.0074
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.385	.2972	<.0000	<.0000			
SDev	.021	.0628	.0011	.0015			
%RSD	1.496	21.13	8.597	31.91			
#1	1.386	.3860	<.0000	<.0000			
#2	1.380	.2528	<.0000	<.0000			
#3	1.361	.2973	<.0000	<.0000			
#4	1.412	.2528	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1942lab dup

Operator: it

Run Time: 02/22/02 14:02:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1074	.0105	.0268	.0000	25.61
SDev	.0023	.0155	.0253	.0020	.0006	.0001	.16
%RSD	12.13	14.45	23.57	18.74	2.220	3.175	.6074
#1	<.0000	<.0000	.1112	.0079	.0277	<.0000	25.46
#2	<.0000	<.0000	.0731	.0126	.0266	<.0000	25.60
#3	<.0000	<.0000	.1112	.0111	.0266	<.0000	25.56
#4	<.0000	<.0000	.1341	.0103	.0265	<.0000	25.83
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0474	<.0000	8.498
SDev	.0016	.0016	.0018	.0006	.0010	.4845	.060
%RSD	54.57	12.60	18.01	2.968	2.144	11.38	.7008
#1	<.0000	<.0000	<.0000	<.0000	.0479	<.0000	8.429
#2	<.0000	<.0000	<.0000	<.0000	.0459	<.0000	8.515
#3	<.0000	<.0000	<.0000	<.0000	.0479	<.0000	8.480
#4	<.0000	<.0000	<.0000	<.0000	.0479	<.0000	8.570
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0758	<.0000	28.47	.0144	<.0000	<.0000	.0522
SDev	.0010	.0039	.14	.0095	.0290	.0362	.1462
%RSD	1.281	18.80	.4857	65.83	34.44	31.12	279.9
#1	.0746	<.0000	28.35	.0244	<.0000	<.0000	.0522
#2	.0766	<.0000	28.34	.0139	<.0000	<.0000	<.0000
#3	.0766	<.0000	28.60	.0174	<.0000	<.0000	.0522
#4	.0756	<.0000	28.57	.0018	<.0000	<.0000	.2312
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	1.393	.2195	<.0000	<.0000			
SDev	.000	.2770	.0027	.0010			
%RSD	.0079	126.2	20.74	30.15			
#1	1.393	.3862	<.0000	<.0000			
#2	1.393	.1640	<.0000	<.0000			
#3	1.393	<.0000	<.0000	<.0000			
#4	1.393	.4748	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1942spk
 Run Time: 02/22/02 14:08:36
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0112	.2669	.3108	.3056	.2892	.0519	25.28
SDev	.0022	.0060	.0654	.0019	.0012	.0003	.12
%RSD	19.86	2.263	21.03	.6316	.3994	.5855	.4944
#1	.0094	.2625	.2519	.3079	.2875	.0515	25.10
#2	.0094	.2654	.2975	.3040	.2898	.0520	25.35
#3	.0140	.2758	.2897	.3040	.2898	.0518	25.32
#4	.0121	.2639	.4042	.3063	.2898	.0522	25.36
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1058	.1038	.2623	.2511	.3216	.6407	8.394
SDev	.0016	.0027	.0054	.0028	.0042	.5560	.059
%RSD	1.503	2.550	2.063	1.120	1.303	86.78	.7067
#1	.1036	.1005	.2579	.2477	.3262	.1326	8.308
#2	.1066	.1029	.2579	.2511	.3221	.2209	8.410
#3	.1058	.1065	.2689	.2511	.3160	1.281	8.414
#4	.1073	.1052	.2646	.2546	.3221	.9279	8.445
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3377	.1030	28.07	.2709	.2545	.2320	.2302
SDev	.0019	.0064	.05	.0025	.0208	.0380	.1187
%RSD	.5685	6.219	.1860	.9078	8.182	16.33	51.56
#1	.3349	.0980	28.00	.2727	.2266	.2510	.3423
#2	.3380	.1113	28.08	.2674	.2600	.2510	.2974
#3	.3390	.1046	28.12	.2709	.2767	.2510	.0732
#4	.3390	.0979	28.06	.2726	.2545	.1750	.2077
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	2.243	.5005	.1002	.2577			
SDev	.017	.1336	.0013	.0027			
%RSD	.7547	26.70	1.304	1.054			
#1	2.223	.5342	.0983	.2601			
#2	2.260	.4445	.1011	.2590			
#3	2.254	.3550	.1002	.2539			
#4	2.235	.6682	.1011	.2580			

Analysis Report

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page 1

Method: IECW Sample Name: 1962

Run Time: 02/22/02 14:21:13

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0057	.0062	.0145	.0285	<.0000	23.29
SDev	.0008	.0080	.0449	.0020	.0006	.0000	.07
%RSD	62.50	142.0	726.0	13.49	2.044	.0000	.2983

#1	<.0000	.0082	.0347	.0167	.0282	<.0000	23.37
#2	<.0000	.0053	.0043	.0144	.0282	<.0000	23.27
#3	<.0000	.0142	.0423	.0151	.0283	<.0000	23.20
#4	<.0000	<.0000	<.0000	.0120	.0294	<.0000	23.30

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	<.0000	.0039	.0072	.0660	1.436	7.627
SDev	.0018	.0010	.0014	.0006	.0034	.274	.012
%RSD	240.0	84.35	36.83	8.029	5.227	19.05	.1583

#1	<.0000	.0002	.0049	.0074	.0695	1.591	7.637
#2	<.0000	<.0000	.0024	.0075	.0615	1.414	7.610
#3	.0004	<.0000	.0030	.0075	.0675	1.679	7.626
#4	.0033	<.0000	.0055	.0063	.0655	1.060	7.634

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0792	.0045	25.56	.0107	<.0000	.0494	<.0000
SDev	.0010	.0055	.09	.0032	.0070	.0207	.1658
%RSD	1.229	120.9	.3509	29.65	73860.	41.81	444.2

#1	.0789	.0112	25.56	.0141	.0097	.0747	.2093
#2	.0799	.0045	25.61	.0072	<.0000	.0494	<.0000
#3	.0779	.0045	25.43	.0089	<.0000	.0494	<.0000
#4	.0799	<.0000	25.63	.0124	<.0000	.0241	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.715	.2897	.0006	<.0000
SDev	.023	.1809	.0009	.0008
%RSD	1.361	62.43	155.6	565.6

#1	1.749	.3121	.0013	<.0000
#2	1.700	.5359	.0003	.0009
#3	1.700	.1331	.0013	<.0000
#4	1.712	.1779	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 1960
 Run Time: 02/22/02 14:31:30
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0867	.0031	.0148	<.0000	6.710
SDev	.0019	.0065	.1047	.0025	.0007	.0000	.013
%RSD	67.94	141.2	120.8	80.82	4.550	.0000	.1933

#1	<.0000	.0010	.0161	.0068	.0154	<.0000	6.697
#2	<.0000	.0010	<.0000	.0014	.0142	<.0000	6.706
#3	<.0000	<.0000	.1153	.0021	.0142	<.0000	6.711
#4	<.0000	<.0000	.2220	.0021	.0154	<.0000	6.728

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0364	<.0000	1.484
SDev	.0009	.0025	.0015	.0011	.0035	.1356	.023
%RSD	37.60	3162.	173.5	155.4	9.614	1194.	1.520

#1	<.0000	<.0000	<.0000	<.0000	.0394	.1135	1.481
#2	<.0000	.0031	<.0000	<.0000	.0314	<.0000	1.458
#3	<.0000	.0006	<.0000	<.0000	.0374	.0227	1.485
#4	<.0000	<.0000	.0013	<.0000	.0374	.0227	1.513

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0268	<.0000	8.399	<.0000	.0042	<.0000	<.0000
SDev	.0006	.0064	.066	.0036	.0056	.0702	.1571
%RSD	2.186	361.9	.7814	37.70	133.4	362.8	456.7

#1	.0273	<.0000	8.381	<.0000	.0070	<.0000	<.0000
#2	.0263	.0033	8.480	<.0000	.0070	<.0000	<.0000
#3	.0263	.0033	8.413	<.0000	.0070	.0635	<.0000
#4	.0273	<.0000	8.323	<.0000	<.0000	.0125	.2013

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9687	.0089	<.0000	.0014
SDev	.0078	.1413	.0020	.0019
%RSD	.8102	1595.	136.7	130.4

#1	.9703	.0771	<.0000	.0035
#2	.9703	<.0000	<.0000	.0004
#3	.9577	<.0000	<.0000	.0025
#4	.9764	.1680	.0013	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 1963

Run Time: 02/22/02 14:34:58

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0034	.0149	<.0000	8.379
SDev	.0019	.0091	.0294	.0016	.0006	.0001	.006
%RSD	33.17	47.70	232.0	48.14	3.920	40.00	.0691

#1	<.0000	<.0000	<.0000	.0020	.0152	<.0000	8.381
#2	<.0000	<.0000	<.0000	.0044	.0141	<.0000	8.386
#3	<.0000	<.0000	.0084	.0051	.0152	<.0000	8.372
#4	<.0000	<.0000	.0158	.0020	.0152	<.0000	8.377

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0018	.0427	<.0000	2.075
SDev	.0026	.0018	.0013	.0024	.0019	.6603	.016
%RSD	103.3	110.6	48.30	131.4	4.547	73.65	.7943

#1	<.0000	<.0000	<.0000	<.0000	.0432	<.0000	2.059
#2	<.0000	<.0000	<.0000	.0021	.0411	<.0000	2.098
#3	<.0000	<.0000	<.0000	.0021	.0412	<.0000	2.074
#4	<.0000	<.0000	<.0000	.0044	.0452	<.0000	2.071

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0382	<.0000	9.832	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0100	.059	.0069	.0165	.0382	.1100
%RSD	1.332	557.3	.6020	111.2	392.6	66.38	469.6

#1	.0384	<.0000	9.872	<.0000	.0126	<.0000	.0664
#2	.0374	<.0000	9.894	<.0000	<.0000	<.0000	<.0000
#3	.0384	.0032	9.781	<.0000	<.0000	<.0000	.0664
#4	.0384	.0099	9.781	<.0000	.0070	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.032	<.0000	<.0000	.0014
SDev	.010	.1929	.0009	.0025
%RSD	.9917	182.4	21.95	178.6

#1	1.044	.0307	<.0000	<.0000
#2	1.019	.0306	<.0000	.0035
#3	1.032	<.0000	<.0000	.0035
#4	1.032	<.0000	<.0000	.0004

Analysis Report

02/22/02 02:38:54 PM

page 1

Method: IECW Sample Name: 1961
 Run Time: 02/22/02 14:37:10
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0316	.0027	.0145	<.0000	6.679
SDev	.0040	.0134	.0166	.0013	.0006	.0001	.027
%RSD	81.97	58.58	52.46	48.99	4.003	66.67	.4049
#1	<.0000	<.0000	.0087	.0014	.0142	<.0000	6.659
#2	<.0000	<.0000	.0471	.0021	.0142	<.0000	6.698
#3	<.0000	<.0000	.0394	.0029	.0142	<.0000	6.652
#4	<.0000	<.0000	.0314	.0045	.0154	<.0000	6.706
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0364	<.0000	1.459
SDev	.0009	.0011	.0024	.0016	.0039	.6869	.029
%RSD	1319.	49.89	106.9	65.98	10.62	80.69	1.985
#1	.0010	<.0000	<.0000	<.0000	.0334	<.0000	1.454
#2	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.442
#3	<.0000	<.0000	<.0000	<.0000	.0374	<.0000	1.438
#4	.0003	<.0000	.0006	<.0000	.0415	.0227	1.501
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0265	<.0000	7.839	<.0000	<.0000	.0062	.1116
SDev	.0010	.0145	.044	.0057	.0305	.0382	.0969
%RSD	3.661	142.8	.5581	270.0	2184.	617.6	86.88
#1	.0263	<.0000	7.784	<.0000	<.0000	<.0000	.0667
#2	.0273	<.0000	7.890	.0049	.0070	.0636	.0218
#3	.0253	<.0000	7.845	<.0000	.0350	<.0000	.1116
#4	.0273	.0033	7.837	<.0000	<.0000	<.0000	.2462
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9453	<.0000	<.0000	.0002			
SDev	.0051	.2269	.0021	.0005			
%RSD	.5387	321.2	51.18	329.1			
#1	.9516	<.0000	<.0000	.0004			
#2	.9391	<.0000	<.0000	.0004			
#3	.9453	.1681	<.0000	.0004			
#4	.9452	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1964

Operator: it

Run Time: 02/22/02 14:41:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0029	.0139	<.0000	6.689
SDev	.0023	.0074	.0708	.0034	.0006	.0001	.012
%RSD	41.60	34.64	165.8	118.1	4.187	40.00	.1769
#1	<.0000	<.0000	<.0000	.0068	.0142	<.0000	6.705
#2	<.0000	<.0000	.0545	.0045	.0142	<.0000	6.678
#3	<.0000	<.0000	<.0000	<.0000	.0142	<.0000	6.685
#4	<.0000	<.0000	<.0000	.0014	.0131	<.0000	6.690
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.444
SDev	.0021	.0016	.0027	.0006	.0057	.3302	.021
%RSD	137.6	53.22	86.86	127.3	16.14	27.71	1.483
#1	.0010	<.0000	.0000	<.0000	.0435	<.0000	1.473
#2	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.438
#3	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.442
#4	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.422
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0263	<.0000	8.903	<.0000	.0140	<.0000	<.0000
SDev	.0008	.0034	.035	.0074	.0493	.0321	.1289
%RSD	3.152	28.41	.3949	446.4	352.2	100.1	103.9
#1	.0273	<.0000	8.942	<.0000	.0574	<.0000	<.0000
#2	.0263	<.0000	8.867	<.0000	.0406	.0126	<.0000
#3	.0253	<.0000	8.923	.0014	.0126	<.0000	<.0000
#4	.0263	<.0000	8.880	.0066	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9531	<.0000	<.0000	.0002			
SDev	.0118	.1502	.0021	.0005			
%RSD	1.237	597.1	45.89	328.4			
#1	.9703	<.0000	<.0000	<.0000			
#2	.9453	.1681	<.0000	.0004			
#3	.9516	<.0000	<.0000	.0004			
#4	.9454	<.0000	<.0000	.0004			

Analysis Report

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page 1

Method: IECW Sample Name: 1965

Run Time: 02/22/02 14:44:06

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0011	.0039	.0142	<.0000	6.597
SDev	.0022	.0136	.0808	.0034	.0000	.0000	.031
%RSD	53.02	69.70	7182.	87.29	.0209	.0000	.4647
#1	<.0000	<.0000	<.0000	<.0000	.0142	<.0000	6.554
#2	<.0000	<.0000	.1079	.0053	.0142	<.0000	6.602
#3	<.0000	<.0000	.0164	.0045	.0142	<.0000	6.626
#4	<.0000	<.0000	<.0000	.0069	.0142	<.0000	6.607
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	.0001	<.0000	.0044	.0309	<.0000	1.436
SDev	.0023	.0012	.0008	.0000	.0030	.4776	.010
%RSD	225.3	1369.	23.84	.0166	9.821	48.93	.7242
#1	.0033	.0004	<.0000	.0044	.0273	<.0000	1.426
#2	<.0000	.0015	<.0000	.0044	.0334	<.0000	1.430
#3	.0003	<.0000	<.0000	.0044	.0334	<.0000	1.450
#4	.0025	<.0000	<.0000	.0044	.0294	<.0000	1.438
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0258	<.0000	7.286	.0062	<.0000	.0126	.0330
SDev	.0006	.0116	.069	.0052	.0238	.0721	.1484
%RSD	2.276	86.07	.9515	84.29	242.5	573.8	449.3
#1	.0253	<.0000	7.237	.0136	<.0000	.0635	<.0000
#2	.0263	<.0000	7.389	.0014	.0126	.0635	.0667
#3	.0253	<.0000	7.258	.0049	<.0000	<.0000	.2014
#4	.0263	<.0000	7.261	.0049	.0070	.0126	.0218
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9453	.0317	<.0000	.0022			
SDev	.0222	.2288	.0000	.0015			
%RSD	2.351	722.0	.0284	69.64			
#1	.9266	<.0000	<.0000	.0004			
#2	.9703	.3500	<.0000	.0015			
#3	.9578	<.0000	<.0000	.0035			
#4	.9266	<.0000	<.0000	.0035			

Analysis Report

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page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 02/22/02 14:46:31

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4953	.9605	.0242	1.005	1.021	1.030	1.012
SDev	.0022	.0125	.0651	.011	.005	.005	.005
%RSD	.4402	1.297	269.4	1.121	.5204	.4380	.4913

#1	.4956	.9691	.0641	.9915	1.021	1.032	1.017
#2	.4936	.9452	.0034	1.004	1.014	1.023	1.006
#3	.4982	.9720	<.0000	1.004	1.022	1.033	1.010
#4	.4936	.9556	.0871	1.019	1.027	1.032	1.014

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.007	1.010	1.001	.9795	1.039	<.0000	.9086
SDev	.006	.006	.008	.0038	.009	.3020	.0148
%RSD	.5758	.6048	.7922	.3882	.8191	9.081	1.633

#1	1.006	1.010	.9974	.9758	1.044	<.0000	.9195
#2	1.003	1.001	.9913	.9769	1.030	<.0000	.9195
#3	1.015	1.016	1.006	.9815	1.034	<.0000	.9077
#4	1.003	1.011	1.008	.9838	1.048	<.0000	.8880

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.012	1.008	.8331	1.039	.9791	.9522	.0623
SDev	.007	.014	.0276	.010	.0147	.0360	.0970
%RSD	.7147	1.437	3.312	.9603	1.503	3.782	155.6

#1	1.016	.9943	.8671	1.034	.9637	.9522	.1970
#2	1.002	1.001	.8378	1.038	.9693	.9013	.0624
#3	1.012	1.008	.8271	1.031	.9917	.9776	<.0000
#4	1.018	1.028	.8004	1.053	.9917	.9777	.0174

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9104	1.099	.9917	1.015
SDev	.0147	.212	.0061	.007
%RSD	1.618	19.26	.6171	.7101

#1	.9213	1.258	.9921	1.013
#2	.9213	.8940	.9829	1.005
#3	.9088	.9395	.9958	1.021
#4	.8901	1.303	.9958	1.020

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 02/22/02 14:48:34
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0174	.0047	.0012	.0011	<.0000
SDev	.0016	.0120	.0291	.0023	.0006	.0006	.0020
%RSD	476.3	60.53	167.1	47.98	49.93	52.28	22.84
#1	<.0000	<.0000	<.0000	.0073	.0020	.0019	<.0000
#2	.0007	<.0000	.0099	.0049	.0009	.0011	<.0000
#3	<.0000	<.0000	.0403	.0049	.0009	.0008	<.0000
#4	.0013	<.0000	.0401	.0018	.0009	.0006	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0002	.0023	.0011	.0029	.0030	<.0000	<.0000
SDev	.0004	.0020	.0009	.0011	.0035	.4313	.0136
%RSD	199.1	88.84	84.96	40.00	115.3	131.0	115.5
#1	.0004	.0051	.0022	.0046	<.0000	<.0000	<.0000
#2	.0004	.0013	.0015	.0023	.0040	<.0000	.0000
#3	<.0000	.0004	.0003	.0023	.0041	<.0000	<.0000
#4	.0004	.0022	.0003	.0023	.0061	.2497	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Rb2203	Sb2068	Se1960
Avge	.0003	.0134	<.0000	.0009	<.0000	.0446	<.0000
SDev	.0005	.0116	.0311	.0058	.0141	.0382	.0860
%RSD	199.6	86.49	86.26	661.0	77.47	85.59	191.8
#1	.0010	.0034	<.0000	.0087	<.0000	.0128	<.0000
#2	<.0000	.0034	<.0000	<.0000	<.0000	.0893	.0225
#3	.0000	.0235	<.0000	<.0000	<.0000	.0128	.0225
#4	<.0000	.0235	<.0000	.0017	<.0000	.0637	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	.0021
SDev	.0108	.1008	.0005	.0018
%RSD	63.06	147.9	66.60	86.58
#1	<.0000	.0341	<.0000	.0036
#2	<.0000	<.0000	<.0000	.0005
#3	<.0000	<.0000	<.0000	.0036
#4	<.0000	<.0000	<.0000	.0005

Analysis Report

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page 1

Method: IECW Sample Name: 1966

Operator: it

Run Time: 02/22/02 14:51:33

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0642	.0057	.0139	<.0000	6.833
SDev	.0011	.0090	.1265	.0026	.0006	.0001	.025
%RSD	21.57	28.93	197.0	45.89	4.202	66.67	.3647

#1	<.0000	<.0000	.0624	.0053	.0142	<.0000	6.840
#2	<.0000	<.0000	<.0000	.0092	.0142	<.0000	6.852
#3	<.0000	<.0000	.1690	.0053	.0142	<.0000	6.797
#4	<.0000	<.0000	.1386	.0029	.0131	<.0000	6.845

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0252	.0359	<.0000	1.381
SDev	.0024	.0021	.0013	.0016	.0030	.1483	.012
%RSD	141.1	65.26	36.71	6.468	8.448	9.749	.8542

#1	<.0000	<.0000	<.0000	.0252	.0334	<.0000	1.391
#2	.0010	<.0000	<.0000	.0263	.0395	<.0000	1.367
#3	<.0000	<.0000	<.0000	.0228	.0334	<.0000	1.375
#4	<.0000	<.0000	<.0000	.0263	.0374	<.0000	1.391

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0263	<.0000	7.590	.0005	<.0000	<.0000	<.0000
SDev	.0008	.0115	.033	.0050	.0268	.0925	.1660
%RSD	3.155	135.5	.4349	957.3	79.80	74.80	183.6

#1	.0253	.0033	7.629	.0014	<.0000	<.0000	.0219
#2	.0263	<.0000	7.597	<.0000	<.0000	<.0000	<.0000
#3	.0263	<.0000	7.586	<.0000	<.0000	<.0000	.0668
#4	.0273	<.0000	7.549	.0066	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9501	<.0000	<.0000	.0022
SDev	.0756	.2304	.0009	.0015
%RSD	1.645	180.9	19.70	69.65

#1	.9517	<.0000	<.0000	.0004
#2	.9705	<.0000	<.0000	.0035
#3	.9455	.1682	<.0000	.0035
#4	.9329	<.0000	<.0000	.0014

Analysis Report

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page 1

Method: IECW Sample Name: 1966lab dup

Operator: it

Run Time: 02/22/02 14:58:19

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0048	.0043	.0142	<.0000	6.881
SDev	.0008	.0094	.1417	.0023	.0000	.0000	.007
%RSD	16.11	82.91	2927.	52.46	.0077	.0000	.1039
#1	<.0000	<.0000	.1689	.0045	.0142	<.0000	6.886
#2	<.0000	<.0000	<.0000	.0045	.0142	<.0000	6.888
#3	<.0000	<.0000	<.0000	.0069	.0142	<.0000	6.878
#4	<.0000	<.0000	.0772	.0014	.0142	<.0000	6.873
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0260	.0339	<.0000	1.406
SDev	.0016	.0021	.0014	.0006	.0019	.1714	.015
%RSD	135.5	215.9	259.0	2.211	5.705	16.59	1.070
#1	.0003	<.0000	.0007	.0251	.0314	<.0000	1.395
#2	<.0000	.0015	<.0000	.0263	.0354	<.0000	1.426
#3	<.0000	<.0000	<.0000	.0263	.0354	<.0000	1.410
#4	<.0000	<.0000	.0007	.0263	.0334	<.0000	1.395
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0276	.0000	7.662	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0095	.038	.0030	.0297	.0637	.1122
%RSD	1.840	275.6	.4929	69.72	531.5	969.5	943.3
#1	.0273	<.0000	7.613	<.0000	.0294	<.0000	<.0000
#2	.0283	.0033	7.688	<.0000	.0070	<.0000	.1115
#3	.0273	<.0000	7.653	<.0000	<.0000	<.0000	<.0000
#4	.0273	.0033	7.696	<.0000	<.0000	.0890	.0218
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9720	<.0000	<.0000	.0033			
SDev	.0106	.0742	.0014	.0013			
%RSD	1.096	125.3	34.69	39.96			
#1	.9579	<.0000	<.0000	.0045			
#2	.9828	.0317	<.0000	.0035			
#3	.9704	<.0000	<.0000	.0014			
#4	.9767	<.0000	<.0000	.0035			

Analysis Report

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page 1

Method: IECW Sample Name: 1966spk

Operator: it

Run Time: 02/22/02 15:04:11

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0125	.2518	.2471	.2760	.2743	.0525	6.795
SDev	.0017	.0053	.0572	.0039	.0020	.0002	.020
%RSD	13.78	2.110	23.16	1.425	.7373	.3361	.2884
#1	.0111	.2473	.2414	.2701	.2714	.0523	6.766
#2	.0111	.2473	.3100	.2779	.2760	.0527	6.811
#3	.0137	.2578	.1727	.2779	.2749	.0527	6.803
#4	.0144	.2548	.2642	.2779	.2749	.0524	6.798

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1070	.1062	.2619	.2820	.3020	.0000	1.378
SDev	.0009	.0043	.0044	.0020	.0035	.2930	.014
%RSD	.8916	4.022	1.672	.6966	1.145	28.05	1.051
#1	.1081	.1001	.2569	.2795	.3025	<.0000	1.359
#2	.1073	.1091	.2667	.2818	.3005	<.0000	1.379
#3	.1066	.1093	.2599	.2829	.3066	<.0000	1.379
#4	.1058	.1062	.2642	.2841	.2985	<.0000	1.395

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2900	.0986	7.603	.2700	.2448	.1837	.3011
SDev	.0024	.0138	.037	.0044	.0168	.0127	.2442
%RSD	.8339	14.01	.4902	1.620	6.860	6.931	81.08
#1	.2864	.0835	7.640	.2691	.2308	.1646	<.0000
#2	.2905	.1103	7.615	.2691	.2308	.1901	.3797
#3	.2915	.0902	7.551	.2657	.2532	.1900	.2899
#4	.2915	.1103	7.607	.2761	.2644	.1900	.5593

Elem	Sr2881	Ti1908	V_2924	Zn2138
Avge	1.219	.2243	.0992	.2663
SDev	.019	.2609	.0012	.0025
%RSD	1.585	116.3	1.174	.9231
#1	1.202	.2585	.0976	.2638
#2	1.208	.4403	.1004	.2679
#3	1.220	<.0000	.0994	.2648
#4	1.245	.3493	.0994	.2689

Analysis Report

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page 1

Method: IECW Sample Name: 1968

Run Time: 02/22/02 15:06:29

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0107	.0051	.0139	<.0000	6.644
SDev	.0014	.0049	.0488	.0027	.0006	.0000	.010
%RSD	32.15	21.21	456.8	52.65	4.185	.0000	.1512
#1	<.0000	<.0000	<.0000	.0014	.0142	<.0000	6.654
#2	<.0000	<.0000	.0622	.0077	.0142	<.0000	6.645
#3	<.0000	<.0000	<.0000	.0053	.0142	<.0000	6.647
#4	<.0000	<.0000	.0393	.0061	.0131	<.0000	6.630
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0324	<.0000	1.452
SDev	.0030	.0013	.0036	.0011	.0026	.2173	.013
%RSD	1185.	199.0	173.1	50.61	8.067	21.04	.8982
#1	<.0000	<.0000	.0007	<.0000	.0334	<.0000	1.469
#2	.0025	<.0000	<.0000	<.0000	.0314	<.0000	1.442
#3	<.0000	<.0000	.0013	<.0000	.0354	<.0000	1.442
#4	.0018	.0004	<.0000	<.0000	.0293	<.0000	1.454
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0265	<.0000	8.287	<.0000	<.0000	.0253	.0555
SDev	.0010	.0114	.008	.0054	.0054	.0441	.0850
%RSD	3.663	135.3	.0929	78.23	27.36	174.4	153.2
#1	.0273	<.0000	8.296	<.0000	<.0000	<.0000	.1116
#2	.0263	<.0000	8.288	<.0000	<.0000	<.0000	.0667
#3	.0273	.0033	8.285	<.0000	<.0000	.0635	<.0000
#4	.0253	<.0000	8.277	<.0000	<.0000	.0635	.1116
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9406	<.0000	<.0000	.0004			
SDev	.0107	.0435	.0009	.0015			
%RSD	1.136	37.50	25.00	350.5			
#1	.9265	<.0000	<.0000	.0025			
#2	.9391	<.0000	<.0000	.0004			
#3	.9453	<.0000	<.0000	<.0000			
#4	.9516	<.0000	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 1969
 Run Time: 02/22/02 15:09:11
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0468	.0010	.0142	<.0000	6.666
SDev	.0017	.0104	.0684	.0031	.0000	.0001	.011
%RSD	33.24	54.22	146.0	317.0	.0059	57.74	.1656
#1	<.0000	<.0000	.1153	<.0000	.0142	<.0000	6.659
#2	<.0000	<.0000	.0391	.0006	.0142	<.0000	6.654
#3	<.0000	<.0000	<.0000	.0053	.0142	<.0000	6.672
#4	<.0000	<.0000	.0774	<.0000	.0142	<.0000	6.678
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0304	<.0000	1.462
SDev	.0016	.0011	.0009	.0014	.0035	.2974	.014
%RSD	94.45	72.62	28.81	90.39	11.54	22.40	.9409
#1	<.0000	<.0000	<.0000	<.0000	.0273	<.0000	1.469
#2	<.0000	<.0000	<.0000	<.0000	.0293	<.0000	1.469
#3	<.0000	<.0000	<.0000	<.0000	.0293	<.0000	1.442
#4	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.469
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0260	<.0000	7.838	.0014	<.0000	<.0000	.0667
SDev	.0005	.0100	.023	.0110	.0185	.0000	.1270
%RSD	1.948	570.1	.2960	800.8	132.2	.0784	190.5
#1	.0263	.0100	7.834	<.0000	<.0000	<.0000	<.0000
#2	.0263	.0033	7.869	.0118	.0070	<.0000	<.0000
#3	.0253	<.0000	7.813	<.0000	<.0000	<.0000	.0667
#4	.0263	<.0000	7.834	.0083	<.0000	<.0000	.2463
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9375	<.0000	<.0000	.0009			
SDev	.0172	.1591	.0008	.0018			
%RSD	1.837	6508.	17.85	191.8			
#1	.9203	.1680	<.0000	.0004			
#2	.9265	<.0000	<.0000	.0035			
#3	.9578	<.0000	<.0000	.0004			
#4	.9453	.0771	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 2015
 Run Time: 02/22/02 15:11:28
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0564	.0037	.0142	<.0000	6.747
SDev	.0017	.0175	.0438	.0025	.0000	.0001	.023
%RSD	46.70	89.43	77.78	67.14	.0173	57.74	.3426
#1	<.0000	<.0000	.1078	.0021	.0142	<.0000	6.726
#2	<.0000	<.0000	.0162	.0069	.0142	<.0000	6.779
#3	<.0000	<.0000	.0239	.0013	.0142	<.0000	6.750
#4	<.0000	<.0000	.0777	.0045	.0142	<.0000	6.735
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0359	<.0000	1.461
SDev	.0021	.0016	.0029	.0009	.0019	.1792	.020
%RSD	122.3	110.9	119.1	38.08	5.389	15.33	1.336
#1	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.442
#2	<.0000	<.0000	<.0000	<.0000	.0374	<.0000	1.450
#3	<.0000	.0009	.0019	<.0000	.0374	<.0000	1.485
#4	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.469
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0258	<.0000	8.429	.0044	.0000	<.0000	.0779
SDev	.0006	.0064	.031	.0081	.0124	.0674	.1181
%RSD	2.276	364.2	.3718	182.9	562000.	36190.	151.6
#1	.0253	<.0000	8.397	.0014	.0070	<.0000	.0667
#2	.0263	.0033	8.413	.0049	.0126	.0125	.2462
#3	.0253	<.0000	8.469	<.0000	<.0000	<.0000	<.0000
#4	.0263	.0033	8.437	.0153	<.0000	.0891	.0219
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9500	.2249	<.0000	.0012			
SDev	.0156	.1942	.0008	.0018			
%RSD	1.641	86.38	22.80	148.4			
#1	.9453	.4409	<.0000	<.0000			
#2	.9328	.3045	<.0000	.0004			
#3	.9702	.1680	<.0000	.0014			
#4	.9515	<.0000	<.0000	.0035			

Analysis Report

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page 1

Method: IECW Sample Name: 2016

Operator: it

Run Time: 02/22/02 15:14:48

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0145	.0027	.0139	<.0000	6.669
SDev	.0026	.0172	.0659	.0012	.0006	.0001	.020
%RSD	54.67	81.69	455.3	43.43	4.189	66.67	.3012
#1	<.0000	<.0000	<.0000	.0021	.0131	<.0000	6.662
#2	<.0000	<.0000	.1078	.0021	.0142	<.0000	6.651
#3	<.0000	<.0000	<.0000	.0045	.0142	<.0000	6.666
#4	<.0000	<.0000	.0085	.0021	.0142	<.0000	6.698
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0304	<.0000	1.456
SDev	.0024	.0022	.0011	.0024	.0026	.7481	.027
%RSD	116.0	126.4	26.15	86.16	8.601	61.61	1.877
#1	.0003	<.0000	<.0000	<.0000	.0314	<.0000	1.458
#2	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.454
#3	<.0000	<.0000	<.0000	<.0000	.0273	<.0000	1.422
#4	<.0000	.0011	<.0000	<.0000	.0293	<.0000	1.489
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0250	<.0000	7.894	<.0000	<.0000	<.0000	.1116
SDev	.0005	.0039	.032	.0119	.0201	.0244	.1100
%RSD	2.031	57.00	.4014	278.5	359.5	126.6	98.56
#1	.0253	<.0000	7.858	<.0000	.0070	.0126	<.0000
#2	.0243	<.0000	7.928	<.0000	<.0000	<.0000	.0667
#3	.0253	<.0000	7.912	<.0000	<.0000	<.0000	.2015
#4	.0253	<.0000	7.877	.0066	.0126	<.0000	.2013
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9594	<.0000	<.0000	<.0000			
SDev	.0218	.2050	.0012	.0010			
%RSD	2.275	561.1	32.84	275.5			
#1	.9703	<.0000	<.0000	<.0000			
#2	.9703	.1226	<.0000	.0004			
#3	.9266	<.0000	<.0000	<.0000			
#4	.9702	.0771	<.0000	.0004			

Analysis Report

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Method: IECW Sample Name: 2084

Operator: it

Run Time: 02/22/02 15:17:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0297	.0031	.0139	<.0000	6.679
SDev	.0023	.0031	.0301	.0030	.0006	.0000	.026
%RSD	59.20	17.81	101.4	97.37	4.177	.0000	.3945
#1	<.0000	<.0000	.0392	<.0000	.0142	<.0000	6.673
#2	<.0000	<.0000	.0544	.0029	.0142	<.0000	6.681
#3	<.0000	<.0000	.0392	.0061	.0131	<.0000	6.649
#4	<.0000	<.0000	<.0000	.0045	.0142	<.0000	6.713
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0003	.0002	<.0000	.0298	<.0000	1.484
SDev	.0009	.0026	.0020	.0000	.0026	.3427	.019
%RSD	68.02	845.0	1068.	.0492	8.549	41.94	1.286
#1	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.465
#2	<.0000	<.0000	.0013	<.0000	.0293	<.0000	1.509
#3	<.0000	<.0000	.0025	<.0000	.0293	<.0000	1.473
#4	<.0000	.0042	<.0000	<.0000	.0273	<.0000	1.489
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0255	<.0000	4.970	.0044	<.0000	<.0000	.0330
SDev	.0010	.0100	.064	.0064	.0072	.0329	.1571
%RSD	3.814	569.5	1.281	145.2	57.39	128.1	476.3
#1	.0253	<.0000	4.910	<.0000	<.0000	<.0000	.2013
#2	.0243	.0100	5.017	.0048	<.0000	<.0000	.1115
#3	.0263	.0033	5.033	.0048	<.0000	.0125	<.0000
#4	.0263	<.0000	4.920	.0118	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6891	.0657	<.0000	.0014			
SDev	.0125	.1196	.0009	.0015			
%RSD	1.814	181.9	24.52	100.8			
#1	.6954	<.0000	<.0000	.0004			
#2	.6953	.1680	<.0000	.0035			
#3	.6954	<.0000	<.0000	.0014			
#4	.6704	.1680	<.0000	.0004			

Analysis Report

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Method: IECW Sample Name: 2085
 Run Time: 02/22/02 15:19:26
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0041	.0142	<.0000	6.608
SDev	.0018	.0033	.0879	.0014	.0009	.0001	.026
%RSD	42.95	39.84	279.9	33.15	6.688	66.67	.3902
#1	<.0000	<.0000	<.0000	.0021	.0131	<.0000	6.570
#2	<.0000	<.0000	.0696	.0053	.0142	<.0000	6.623
#3	<.0000	<.0000	<.0000	.0045	.0154	<.0000	6.614
#4	<.0000	<.0000	<.0000	.0045	.0142	<.0000	6.626
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0304	<.0000	1.438
SDev	.0009	.0011	.0014	.0011	.0012	.2384	.017
%RSD	363.1	68.79	56.64	68.82	3.840	29.59	1.160
#1	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.438
#2	<.0000	<.0000	<.0000	<.0000	.0294	<.0000	1.426
#3	.0010	<.0000	<.0000	<.0000	.0314	<.0000	1.461
#4	<.0000	<.0000	<.0000	<.0000	.0294	<.0000	1.426
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0288	<.0000	4.897	.0009	<.0000	<.0000	.0218
SDev	.0006	.0086	.060	.0067	.0206	.0147	.1216
%RSD	2.033	127.4	1.229	710.5	147.4	57.24	558.7
#1	.0283	<.0000	4.814	.0014	<.0000	<.0000	.1115
#2	.0293	.0033	4.921	<.0000	.0126	<.0000	<.0000
#3	.0293	<.0000	4.899	.0101	<.0000	<.0000	.0666
#4	.0283	<.0000	4.955	<.0000	<.0000	<.0000	.0667
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6986	.0317	<.0000	.0007			
SDev	.0194	.2319	.0009	.0021			
%RSD	2.780	731.8	25.04	315.7			
#1	.6767	.0317	<.0000	.0004			
#2	.6892	<.0000	<.0000	.0035			
#3	.7079	<.0000	<.0000	<.0000			
#4	.7205	.3500	<.0000	.0004			

Analysis Report

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Method: IECW Sample Name: 2086
 Run Time: 02/22/02 15:22:35
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0048	.0128	.0289	<.0000	25.82
SDev	.0016	.0014	.0510	.0010	.0011	.0000	.19
%RSD	11.27	1.809	1072.	8.008	3.847	.0000	.7327
#1	<.0000	<.0000	.0582	.0132	.0286	<.0000	25.55
#2	<.0000	<.0000	<.0000	.0140	.0274	<.0000	25.83
#3	<.0000	<.0000	.0200	.0116	.0297	<.0000	25.95
#4	<.0000	<.0000	.0047	.0124	.0297	<.0000	25.95
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0589	<.0000	8.571
SDev	.0010	.0026	.0011	.0000	.0035	.2076	.076
%RSD	68.06	31.66	23.57	.0574	5.935	15.12	.8838
#1	<.0000	<.0000	<.0000	<.0000	.0580	<.0000	8.460
#2	<.0000	<.0000	<.0000	<.0000	.0579	<.0000	8.590
#3	<.0000	<.0000	<.0000	<.0000	.0640	<.0000	8.606
#4	<.0000	<.0000	<.0000	<.0000	.0559	<.0000	8.629
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0806	<.0000	28.77	.0013	<.0000	<.0000	.0635
SDev	.0008	.0077	.16	.0049	.0056	.0416	.0635
%RSD	1.024	44.80	.5706	368.0	10.82	64.19	100.0
#1	.0796	<.0000	28.54	<.0000	<.0000	<.0000	.1084
#2	.0817	<.0000	28.78	.0013	<.0000	<.0000	<.0000
#3	.0806	<.0000	28.81	.0083	<.0000	<.0000	.0635
#4	.0806	<.0000	28.93	<.0000	<.0000	<.0000	.1084
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.476	.0090	<.0000	<.0000			
SDev	.005	.1009	.0019	.0023			
%RSD	.3543	1127.	21.30	131.9			
#1	1.482	.1569	<.0000	<.0000			
#2	1.476	<.0000	<.0000	.0001			
#3	1.476	<.0000	<.0000	<.0000			
#4	1.469	<.0000	<.0000	<.0000			

Analysis Report

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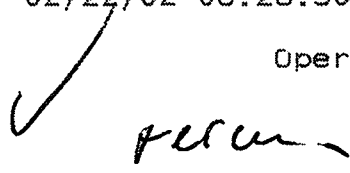
Method: IECW Sample Name: 2088

Run Time: 02/22/02 15:27:06

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0037	.0010	.0125	<.0000	6.621
SDev	.0017	.0113	.0846	.0008	.0007	.0000	.031
%RSD	13.20	16.84	2318.	79.79	5.397	.0000	.4614

#1	<.0000	<.0000	.0398	.0006	.0119	<.0000	6.585
#2	<.0000	<.0000	.0245	.0006	.0131	<.0000	6.619
#3	<.0000	<.0000	<.0000	.0006	.0119	<.0000	6.660
#4	<.0000	<.0000	.0703	.0021	.0131	<.0000	6.620

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0304	<.0000	1.420
SDev	.0024	.0026	.0015	.0011	.0075	.3999	.024
%RSD	85.93	36.59	20.83	12.96	24.61	14.15	1.699

#1	<.0000	<.0000	<.0000	<.0000	.0253	<.0000	1.403
#2	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.430
#3	<.0000	<.0000	<.0000	<.0000	.0233	<.0000	1.399
#4	<.0000	<.0000	<.0000	<.0000	.0395	<.0000	1.450

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0248	<.0000	4.947	<.0000	<.0000	<.0000	.0893
SDev	.0013	.0086	.054	.0047	.0287	.0360	.0860
%RSD	5.288	64.25	1.085	43.62	64.08	56.49	96.32

#1	.0243	<.0000	4.929	<.0000	<.0000	<.0000	.1117
#2	.0253	<.0000	4.974	<.0000	<.0000	<.0000	.0219
#3	.0233	<.0000	5.003	<.0000	<.0000	<.0000	.2016
#4	.0263	<.0000	4.881	<.0000	<.0000	<.0000	.0219

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.6237	<.0000	<.0000	<.0000
SDev	.0036	.1531	.0009	.0013
%RSD	.5716	102.0	8.819	149.5

#1	.6206	<.0000	<.0000	.0004
#2	.6268	<.0000	<.0000	<.0000
#3	.6206	.0318	<.0000	<.0000
#4	.6267	<.0000	<.0000	<.0000

see next
page

Analysis Report

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Method: IECW Sample Name: 2088
 Run Time: 02/22/02 15:29:00
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0024	.0125	<.0000	6.606
SDev	.0011	.0095	.0485	.0025	.0007	.0001	.013
%RSD	7.793	11.61	1286.	107.1	5.391	19.25	.1987
#1	<.0000	<.0000	.0554	.0045	.0119	<.0000	6.599
#2	<.0000	<.0000	<.0000	.0045	.0131	<.0000	6.610
#3	<.0000	<.0000	.0097	<.0000	.0119	<.0000	6.592
#4	<.0000	<.0000	<.0000	.0006	.0131	<.0000	6.622
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0309	<.0000	1.402
SDev	.0019	.0012	.0018	.0009	.0038	.3543	.016
%RSD	51.60	16.69	19.60	10.03	12.41	11.19	1.131
#1	<.0000	<.0000	<.0000	<.0000	.0253	<.0000	1.414
#2	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.403
#3	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.379
#4	<.0000	<.0000	<.0000	<.0000	.0334	<.0000	1.410
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0248	<.0000	4.879	<.0000	<.0000	<.0000	<.0000
SDev	.0010	.0025	.5025	.0026	.0028	.2814	.3246
%RSD	4.103	58.40	.5157	103.3	50.21	281.82	324.68
#1	.0253	<.0000	4.875	<.0000	<.0000	<.0000	<.0000
#2	.0232	<.0000	4.851	<.0000	<.0000	<.0000	.1118
#3	.0253	<.0000	4.913	<.0000	<.0000	<.0000	.0220
#4	.0253	<.0000	4.875	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6143	<.0000	<.0000	<.0000			
SDev	.0135	.2079	.0009	.0006			
%RSD	2.201	179.3	8.454	53.02			
#1	.5956	<.0000	<.0000	<.0000			
#2	.6206	<.0000	<.0000	<.0000			
#3	.6269	<.0000	<.0000	<.0000			
#4	.6143	.1682	<.0000	<.0000			

Analysis Report

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Method: IECW Sample Name: 2089

Run Time: 02/22/02 15:31:43

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0418	.0030	.0122	<.0000	6.562
SDev	.0023	.0175	.0562	.0011	.0006	.0000	.003
%RSD	17.65	25.06	134.3	37.78	4.786	.0000	.0515
#1	<.0000	<.0000	.0628	.0045	.0119	<.0000	6.556
#2	<.0000	<.0000	<.0000	.0029	.0119	<.0000	6.564
#3	<.0000	<.0000	.0167	.0022	.0131	<.0000	6.563
#4	<.0000	<.0000	.1086	.0022	.0119	<.0000	6.563
Elem	Cd2288	Cd2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0268	<.0000	1.384
SDev	.0019	.0014	.0025	.0016	.0042	.6169	.005
%RSD	51.62	20.56	30.74	17.37	15.54	21.40	.3575
#1	<.0000	<.0000	<.0000	<.0000	.0233	<.0000	1.379
#2	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.391
#3	<.0000	<.0000	<.0000	<.0000	.0294	<.0000	1.383
#4	<.0000	<.0000	<.0000	<.0000	.0233	<.0000	1.383
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0235	<.0000	4.781	<.0000	<.0000	<.0000	<.0000
SDev	.0005	.0115	.029	.0099	.0244	.0441	.0733
%RSD	2.160	135.8	.6035	259.9	47.14	86.55	320.1
#1	.0233	<.0000	4.768	<.0000	<.0000	<.0000	<.0000
#2	.0243	.0033	4.779	.0101	<.0000	<.0000	.0669
#3	.0233	<.0000	4.755	<.0000	<.0000	<.0000	<.0000
#4	.0233	<.0000	4.822	<.0000	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6362	<.0000	<.0000	<.0000			
SDev	.0081	.0525	.0014	.0015			
%RSD	1.267	385.1	15.27	88.88			
#1	.6269	.0318	<.0000	<.0000			
#2	.6393	<.0000	<.0000	<.0000			
#3	.6456	.0318	<.0000	<.0000			
#4	.6331	<.0000	<.0000	<.0000			

Analysis Report

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Method: IECW Sample Name: 2089

Operator: it

Run Time: 02/22/02 15:37:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0024	.0119	<.0000	6.537
SDev	.0033	.0100	.0645	.0036	.0000	.0000	.011
%RSD	25.92	12.51	130.3	152.4	.0130	.0000	.1732

#1	<.0000	<.0000	<.0000	.0014	.0119	<.0000	6.550
#2	<.0000	<.0000	<.0000	<.0000	.0119	<.0000	6.540
#3	<.0000	<.0000	<.0000	.0069	.0119	<.0000	6.534
#4	<.0000	<.0000	.0174	.0030	.0119	<.0000	6.523

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0279	<.0000	1.382
SDev	.0014	.0008	.0016	.0017	.0045	.5402	.013
%RSD	43.59	11.49	27.47	19.01	16.09	16.70	.9398

#1	<.0000	<.0000	<.0000	<.0000	.0294	<.0000	1.383
#2	<.0000	<.0000	<.0000	<.0000	.0314	<.0000	1.379
#3	<.0000	<.0000	<.0000	<.0000	.0294	<.0000	1.399
#4	<.0000	<.0000	<.0000	<.0000	.0213	<.0000	1.367

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0240	<.0000	4.786	<.0000	<.0000	<.0000	.0332
SDev	.0010	.0086	.044	.0043	.0167	.0147	.1122
%RSD	4.051	64.29	.9132	58.33	22.13	28.92	337.6

#1	.0243	<.0000	4.825	<.0000	<.0000	<.0000	<.0000
#2	.0253	<.0000	4.795	<.0000	<.0000	<.0000	<.0000
#3	.0233	<.0000	4.801	<.0000	<.0000	<.0000	.2016
#4	.0233	<.0000	4.723	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6331	<.0000	<.0000	<.0000
SDev	.0169	.1977	.0009	.0010
%RSD	2.670	212.2	9.737	71.45

#1	.6393	<.0000	<.0000	<.0000
#2	.6456	<.0000	<.0000	<.0000
#3	.6393	.1682	<.0000	<.0000
#4	.6081	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 02/22/02 15:40:04
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B12496	Ba4934	Be3130	Ca3179
Avge	.5031	.9974	.0542	1.018	1.028	1.043	1.029
SDev	.0033	.0032	.0700	.010	.005	.005	.003
%RSD	.6618	.3242	129.2	.9882	.4389	.4840	.2502

#1	.4982	1.002	.0560	1.007	1.022	1.036	1.030
#2	.5054	.9944	.1476	1.012	1.030	1.046	1.031
#3	.5048	.9959	<.0000	1.029	1.028	1.042	1.025
#4	.5041	.9974	.0332	1.023	1.033	1.048	1.030

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.017	1.020	1.020	.9899	1.044	<.0000	.9647
SDev	.007	.008	.009	.0080	.012	.2904	.0159
%RSD	.7365	.7427	.9044	.8131	1.111	10.28	1.647

#1	1.013	1.015	1.007	.9792	1.028	<.0000	.9509
#2	1.020	1.020	1.025	.9884	1.054	<.0000	.9863
#3	1.026	1.016	1.028	.9942	1.046	<.0000	.9666
#4	1.009	1.031	1.019	.9976	1.050	<.0000	.9548

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.026	1.024	.9305	1.047	.9931	.9266	.0285
SDev	.006	.027	.0215	.011	.0367	.0360	.1290
%RSD	.5971	2.643	2.310	1.072	3.692	3.889	452.4

#1	1.017	.9875	.9392	1.036	.9469	.9011	.0173
#2	1.028	1.048	.9525	1.039	.9917	.9266	.0173
#3	1.026	1.041	.9285	1.055	.9973	.9011	.1969
#4	1.031	1.021	.9018	1.059	1.036	.9775	<.0000

Elem	Si1881	Ti1908	V_2924	Zn2138
Avge	.9566	1.030	1.006	1.022
SDev	.0252	.285	.004	.008
%RSD	2.640	27.68	.4281	.7958

#1	.9212	1.121	1.002	1.015
#2	.9774	.8029	1.010	1.033
#3	.9712	1.394	1.003	1.018
#4	.9525	.8029	1.011	1.022

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 02/22/02 15:43:19
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	<.0000
SDev	.0023	.0120	.0804	.0018	.0006	.0001	.0043
%RSD	20.94	14.17	206.7	49.71	33.46	503.3	16.93

#1	<.0000	<.0000	.0029	<.0000	<.0000	.0002	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	.0001	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	.0001	<.0000
#4	<.0000	<.0000	.0185	<.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0010	<.0000	<.0000
SDev	.0028	.0010	.0032	.0027	.0035	.2657	.0184
%RSD	216.4	15.09	45.08	35.01	336.3	8.575	23.45

#1	<.0000	<.0000	<.0000	<.0000	.0020	<.0000	<.0000
#2	.0011	<.0000	<.0000	<.0000	.0041	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	.0021	<.0000	<.0000
#4	.0011	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	<.0000	.0017	<.0000	.0039	<.0000	<.0000	<.0000
SDev	.0005	.0064	.0110	.0039	.0191	.0321	.1181
%RSD	28.63	371.5	8.844	98.15	34.05	169.9	211.6

#1	<.0000	<.0000	<.0000	.0052	<.0000	.0130	<.0000
#2	<.0000	.0034	<.0000	<.0000	<.0000	<.0000	.1125
#3	<.0000	<.0000	<.0000	.0052	<.0000	<.0000	<.0000
#4	<.0000	.0101	<.0000	.0070	<.0000	<.0000	<.0000

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	<.0000	<.0000	<.0000	<.0000
SDev	.0129	.0982	.0012	.0018
%RSD	13.74	50.88	11.73	230.2

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