

Analysis Report

11/16/01 11:08:02 AM

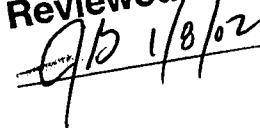
page 1

Method: IECW Sample Name: ipc
 Run Time: 11/16/01 11:06:11
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5111 ✓	.9679 ✓	.0591	.9995	1.019 ✓	.9800 ✓	1.041 ✓
SDev	.0024	.0065	.0308	.0115	.007	.0063	.007
%RSD	.4599	.6760	52.04	1.149	.6644	.6464	.6517
#1	.5091	.9642	.0951	.9888	1.013	.9751	1.036
#2	.5091	.9615	.0409	.9928	1.019	.9766	1.035
#3	.5134	.9763	.0733	1.002	1.016	.9791	1.048
#4	.5129	.9698	.0272	1.015	1.029	.9892	1.045
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.016 ✓	1.018 ✓	.9844 ✓	.9964 ✓	.9852 ✓	.7769	1.015 ✓
SDev	.007	.002	.0042	.0094	.0089	.3066	.022
%RSD	.6538	.2159	.4299	.9459	.9021	39.47	2.169
#1	1.015	1.017	.9794	.9888	.9803	.7770	.9946
#2	1.007	1.017	.9835	.9933	.9816	.5601	1.001
#3	1.018	1.016	.9848	.9933	.9803	1.211	1.042
#4	1.023	1.021	.9897	1.010	.9985	.5601	1.024
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.013 ✓	.9764 ✓	1.047 ✓	.9974 ✓	1.008	.9701	<.0000
SDev	.006	.0185	.022	.0120	.012	.0212	.0704
%RSD	.5702	1.889	2.097	1.204	1.185	2.182	235.5
#1	1.007	.9503	1.015	.9835	1.017	.9585	.0365
#2	1.013	.9852	1.058	.9959	.9920	.9817	<.0000
#3	1.012	.9777	1.062	1.013	1.006	.9469	<.0000
#4	1.021	.9926	1.054	.9971	1.017	.9933	.0199
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.162	1.095	1.010 ✓	1.025 ✓			
SDev	.048	.064	.006	.004			
%RSD	4.129	5.833	.5534	.4158			
#1	1.134	1.178	1.006	1.025			
#2	1.110	1.008	1.009	1.022			
#3	1.190	1.153	1.008	1.022			
#4	1.213	1.088	1.019	1.031			

Reviewed by,


 JLB 1/8/02

Analysis Report

11/16/01 11:10:21 AM

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Method: IECW Sample Name: cb
 Run Time: 11/16/01 11:08:33
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179
Avgc	.0023 ✓	.0137 ✓	<.0000	.0011	.0004 ✓	<.0000 ✓	.0022 ✓
SDev	.0018	.0076	.0226	.0024	.0003	.0003	.0048
%RSD	77.59	55.48	137.5	219.2	99.93	414.6	221.6
#1	.0021	.0206	<.0000	.0024	.0003	.0002	.0019
#2	.0045	.0169	<.0000	<.0000	.0005	.0001	.0065
#3	.0021	.0141	<.0000	.0039	.0005	<.0000	.0046
#4	.0002	.0030	.0142	<.0000	<.0000	<.0000	<.0000
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avgc	<.0000 ✓	<.0000 ✓	.0008 ✓	.0013 ✓	<.0000 ✓	<.0000	.0119 ✓
SDev	.0019	.0015	.0014	.0007	.0040	.4575	.0159
%RSD	301.8	2019.	165.6	54.69	412.6	5064.	133.9
#1	<.0000	.0009	.0026	.0011	<.0000	.1626	.0209
#2	<.0000	.0012	.0009	.0019	.0010	.4879	.0209
#3	<.0000	<.0000	.0005	.0019	.0036	<.0000	.0179
#4	.0017	<.0000	<.0000	.0004	<.0000	<.0000	<.0000
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avgc	<.0000 ✓	.0062 ✓	.0213 ✓	.0073 ✓	.0063	.0260	<.0000
SDev	.0000	.0031	.0142	.0028	.0240	.0219	.0723
%RSD	155.4	50.36	66.66	38.44	380.4	84.23	145.1
#1	<.0000	.0056	.0132	.0065	<.0000	.0115	.0082
#2	<.0000	.0056	.0359	.0110	.0198	.0579	.0082
#3	<.0000	.0106	.0302	.0076	.0054	.0231	<.0000
#4	.0000	.0031	.0057	.0042	.0270	.0116	<.0000
Elem	Pi2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avgc	.1842	.0233	<.0000 ✓	.0006 ✓			
SDev	.0712	.0128	.0009	.0009			
%RSD	38.65	54.82	282.2	150.2			
#1	.1501	.0399	<.0000	.0016			
#2	.2205	.0133	.0003	.0010			
#3	.2628	.0133	.0003	<.0000			
#4	.1033	.0267	<.0000	<.0000			

Analysis Report

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Method: IECW Sample Name: lfb
 Run Time: 11/16/01 11:10:38
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0198	.2181	.2412	.2548	.2515	.0473	.0217
SDev	.0012	.0106	.0518	.0021	.0004	.0002	.0022
%RSD	5.902	4.849	21.47	.8359	.1623	.4002	10.32
#1	.0208	.2256	.3076	.2532	.2518	.0475	.0243
#2	.0193	.2126	.1937	.2517	.2518	.0473	.0209
#3	.0184	.2061	.2562	.2532	.2511	.0471	.0190
#4	.0208	.2283	.2071	.2551	.2511	.0472	.0225
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1003	.1008	.2418	.2598	.2481	<.0000	<.0000
SDev	.0009	.0016	.0025	.0011	.0048	.3644	.0113
%RSD	.9058	1.599	1.051	.4415	1.934	18.39	55.70
#1	.0993	.1005	.2418	.2611	.2501	<.0000	<.0000
#2	.1008	.1012	.2385	.2603	.2436	<.0000	<.0000
#3	.0998	.0989	.2422	.2588	.2449	<.0000	<.0000
#4	.1013	.1028	.2447	.2588	.2540	<.0000	<.0000
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2519	.0936	.0630	.2506	.2339	.2481	.2308
SDev	.0006	.0032	.0157	.0080	.0102	.0222	.0283
%RSD	.2394	3.420	24.94	3.181	4.352	8.940	12.25
#1	.2523	.0949	.0478	.2484	.2411	.2339	.2267
#2	.2517	.0899	.0725	.2585	.2339	.2308	.1936
#3	.2523	.0924	.0516	.2551	.2195	.2771	.2433
#4	.2511	.0973	.0801	.2405	.2411	.2307	.2598
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.1111	.2924	.0956	.2577			
SDev	.0759	.0849	.0008	.0023			
%RSD	68.35	29.05	.8180	.8756			
#1	.2162	.3590	.0954	.2597			
#2	.1111	.2924	.0954	.2580			
#3	.0395	.3457	.0948	.2586			
#4	.0777	.1726	.0967	.2545			

Analysis Report

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Method: IECW Sample Name: lrp
 Run Time: 11/16/01 11:15:00
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	<.0000 ✓	<.0000 ✓	<.0000	<.0000	<.0000 ✓	<.0000 ✓	.0004 ✓
SDev	.0006	.0098	.0246	.0015	.0004	.0001	.0022
%RSD	167.8	382.6	364.8	56.95	115.4	76.98	551.5
#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0002	<.0000	.0123	<.0000	<.0000	<.0000	.0018
#3	<.0000	<.0000	.0124	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0114	<.0000	<.0000	<.0000	<.0000	.0027
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avge	<.0000 ✓	.0001 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000	<.0000 ✓
SDev	.0016	.0019	.0008	.0011	.0024	.3574	.0034
%RSD	1323.	1802.	63.23	40.40	189.3	488.8	230.9
#1	.0002	.0020	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0007	<.0000	<.0000	<.0000	.1371	.0015
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	.0017	.0004	<.0000	<.0000	.0023	.3199	.0015
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	<.0000 ✓	<.0000 ✓	.0161 ✓	<.0000 ✓	<.0000	<.0000	.0497
SDev	.0004	.0035	.0153	.0018	.0135	.0198	.0707
%RSD	115.4	29.81	94.78	59.37	374.3	685.0	142.3
#1	<.0000	<.0000	.0289	<.0000	.0144	<.0000	<.0000
#2	.0000	<.0000	<.0000	<.0000	<.0000	.0232	<.0000
#3	<.0000	<.0000	.0081	<.0000	<.0000	<.0000	.0622
#4	<.0000	<.0000	.0289	<.0000	<.0000	<.0000	.1449
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avge	<.0000	.0333	<.0000 ✓	.0004 ✓			
SDev	.0474	.0231	.0018	.0010			
%RSD	40.45	69.29	164.1	227.7			
#1	<.0000	.0666	<.0000	.0000			
#2	<.0000	.0266	<.0000	.0006			
#3	<.0000	.0267	<.0000	.0017			
#4	<.0000	.0133	.0016	<.0000			

Analysis Report

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Method: IECW Sample Name: 26473

Operator: 1t

Run Time: 11/16/01 11:18:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0412	.0034	.0141	<.0000	5.869
SDev	.0008	.0053	.0422	.0011	.0003	.0000	.018
%RSD	38.40	102.7	102.5	31.96	2.514	33.33	.3138

#1	<.0000	<.0000	.0222	.0034	.0143	<.0000	5.863
#2	<.0000	<.0000	.0874	.0019	.0136	<.0000	5.875
#3	<.0000	.0004	.0628	.0044	.0143	<.0000	5.890
#4	<.0000	<.0000	<.0000	.0039	.0143	<.0000	5.847

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0289	<.0000	1.299
SDev	.0014	.0012	.0007	.0011	.0022	.3563	.011
%RSD	757.9	129.0	33.94	30.16	7.658	49.35	.8264

#1	<.0000	<.0000	<.0000	<.0000	.0299	<.0000	1.285
#2	<.0000	<.0000	<.0000	<.0000	.0286	<.0000	1.305
#3	.0017	<.0000	<.0000	<.0000	.0312	<.0000	1.296
#4	<.0000	.0004	<.0000	<.0000	.0260	<.0000	1.308

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0255	<.0000	4.152	.0014	<.0000	.0056	<.0000
SDev	.0008	.0037	.024	.0017	.0093	.0222	.0358
%RSD	3.102	22.94	.5715	123.6	129.1	396.8	50.35

#1	.0257	<.0000	4.168	<.0000	.0036	<.0000	<.0000
#2	.0257	<.0000	4.154	.0022	<.0000	.0230	<.0000
#3	.0263	<.0000	4.169	.0022	<.0000	<.0000	<.0000
#4	.0244	<.0000	4.118	.0022	<.0000	.0230	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4574	.0045	<.0000	.0019
SDev	.0405	.0538	.0009	.0003
%RSD	8.860	1203.	39.26	17.28

#1	.4192	<.0000	<.0000	.0017
#2	.4287	.0777	<.0000	.0022
#3	.4765	.0111	<.0000	.0017
#4	.5052	<.0000	<.0000	.0022

Analysis Report

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Method: IECW Sample Name: 26473lab dup
 Run Time: 11/16/01 11:21:09
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0141	.0019	.0137	0.141 <.0000	5.831 5861
SD	.0020	.0126	.0249	.0015	.0003	.0000	.016
%RSD	66.55	192.6	176.5	77.92	2.561	20.00	.2667
#1	<.0000	<.0000	<.0000	.0019	.0136	<.0000	5.830
#2	<.0000	.0069	.0112	.0014	.0136	<.0000	5.824
#3	<.0000	<.0000	.0224	.0004	.0136	<.0000	5.818
#4	<.0000	.0013	.0411	.0039	.0143	<.0000	5.853
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000 L	<.0000 L	<.0000 L	<.0000 L	.0277	0.0289 .0000	1.273 1.299
SD	.0012	.0016	.0022	.0013	.0027	.3948	.017
%RSD	67.58	140.9	183.6	34.58	9.661	56.11	1.327
#1	<.0000	<.0000	<.0000	<.0000	.0273	<.0000	1.285
#2	<.0000	<.0000	<.0000	<.0000	.0312	<.0000	1.273
#3	<.0000	<.0000	<.0000	<.0000	.0247	<.0000	1.249
#4	<.0000	.0012	.0018	<.0000	.0273	<.0000	1.285
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0251 0.0255	<.0000 L	4.101 4.152	<.0000 0.0014	.0000	<.0000	<.0000
SD	.0009	.0037	.025	.0080	.0232	.0164	.0476
%RSD	3.551	21.29	.6219	350.1	258.2	139.0	7737.
#1	.0238	<.0000	4.133	.0045	<.0000	<.0000	<.0000
#2	.0257	<.0000	4.073	<.0000	<.0000	<.0000	<.0000
#3	.0251	<.0000	4.092	<.0000	<.0000	<.0000	.0615
#4	.0257	<.0000	4.105	.0022	.0216	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.3070	<.0000	<.0000 L	.0002 0.0019			
SD	.0655	.0227	.0018	.0003			
%RSD	21.35	121.0	65.98	165.7			
#1	.2664	<.0000	<.0000	.0005			
#2	.2759	<.0000	<.0000	.0005			
#3	.2808	<.0000	<.0000	<.0000			
#4	.4049	.0112	<.0000	<.0000			

OK

Analysis Report

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page 1

Method: IECW Sample Name: 26473spk
Run Time: 11/16/01 11:38:37
Comment:
Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0214 ⁰	.2413 ⁰	.2664	.2605	.2668 ^{0.041}	.0482 ⁰	5.773 ^{5.869}
SD	.0012	.0109	.0316	.0036	.0015	.0003	.029
%RSD	5.616 ^{100%}	4.499 ^{96.5%}	11.87	1.398	.5716 ^{101%}	.6043 ^{96%}	.4972 ^{NA}
#1	.0216 ^{86%}	.2378	.2875	.2642	.2682 ^{101%}	.0485	5.803
#2	.0226	.2554	.2194	.2678	.2675	.0484	5.789
#3	.0216	.2424	.2820	.2588	.2647	.0478	5.738
#4	.0197	.2295	.2767	.2563	.2668	.0482	5.764

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.1020 ⁰	.1019 ⁰	.2469 ⁰	.2524 ⁰	.2819 ^{0.0289}	<.0000	1.262 ^{1.299}
SD	.0026 ^{102%}	.0008 ^{102%}	.0011 ^{99%}	.0017 ^{101%}	.0068 ^{101%}	.3943	.017 ^{NA}
%RSD	2.568	.8331	.4558	.6714	2.415	38.87	1.372
#1	.0982	.1028	.2476	.2541	.2920	<.0000	1.276
#2	.1022	.1022	.2480	.2533	.2803	<.0000	1.279
#3	.1042	.1020	.2456	.2502	.2777	<.0000	1.249
#4	.1032	.1008	.2464	.2518	.2777	<.0000	1.246

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.2808 ^{6.02%}	.0737 ⁰	4.119 ^{4.152}	.2556 ^{0.0014}	.2384	.2305	.2757
SD	.0017 ^{102%}	.0043 ^{73.7%}	.052 ^{NA}	.0062 ^{102%}	.0123	.0163	.0956
%RSD	.5923	5.842	1.255	2.424	5.138	7.093	34.70
#1	.2824	.0774	4.190	.2570	.2339	.2189	.3916
#2	.2818	.0749	4.113	.2638	.2555	.2538	.1597
#3	.2786	.0674	4.067	.2514	.2375	.2189	.2591
#4	.2805	.0749	4.105	.2503	.2267	.2305	.2923

Elem	Si2881	Ti1908	V_2924	Zn2138
Avg	.5220	.2836	.0980 ⁰	.2572 ^{0.0019}
SD	.0711	.0726	.0014 ^{98%}	.0027 ^{102%}
%RSD	13.62	25.59	1.407	1.036
#1	.5148	.2902	.0972	.2556
#2	.6247	.2369	.0997	.2602
#3	.4718	.2237	.0966	.2585
#4	.4766	.3835	.0985	.2544

Analysis Report

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page 1

Method: IECW Sample Name: 26474respk for Mo Operator: it
 Run Time: 11/16/01 11:41:18
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0250	.2535	.2114	.2624	.2687	.0485	5.784
SDev	.0008	.0046	.0544	.0023	.0015	.0003	.012
%RSD	3.311	1.827	25.71	.8831	.5682	.5817	.2019

#1	.0252	.2586	.1774	.2603	.2687	.0484	5.794
#2	.0257	.2549	.2535	.2608	.2666	.0481	5.770
#3	.0238	.2475	.2617	.2653	.2695	.0485	5.779
#4	.0252	.2531	.1531	.2633	.2702	.0488	5.793

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1035	.1045	.2479	.2593	.2807	.6835	1.279
SDev	.0006	.0014	.0018	.0013	.0042	.1635	.013
%RSD	.6210	1.322	.7239	.5033	1.481	23.93	1.049

#1	.1027	.1057	.2464	.2580	.2823	.6475	1.268
#2	.1037	.1031	.2501	.2587	.2823	.8274	1.271
#3	.1032	.1035	.2485	.2595	.2745	.4677	1.297
#4	.1042	.1057	.2464	.2610	.2836	.7914	1.280

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2811	.0928	4.130	.2574	.2528	.2451	.2593
SDev	.0017	.0059	.017	.0034	.0297	.0174	.0515
%RSD	.5921	6.365	.4142	1.315	11.74	7.088	19.88

#1	.2802	.0965	4.141	.2591	.2276	.2364	.2675
#2	.2796	.0866	4.107	.2546	.2276	.2711	.2841
#3	.2815	.0890	4.127	.2546	.2708	.2364	.3007
#4	.2833	.0990	4.144	.2613	.2852	.2364	.1847

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7658	.3301	.1018	.2575
SDev	.0330	.0514	.0011	.0018
%RSD	4.308	15.58	1.042	.6788

#1	.7380	.2801	.1008	.2548
#2	.8122	.4000	.1032	.2583
#3	.7658	.3067	.1014	.2583
#4	.7473	.3334	.1020	.2583

Analysis Report

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Method: IECW Sample Name: 26474

Run Time: 11/16/01 11:45:57

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be5130	Ca3179
Avge	.0016	.0144	.0152	.0060	.0191	<.0000	5.527
SDev	.0014	.0063	.0307	.0018	.0000	.0001	.016
%RSD	90.49	44.21	201.6	29.50	.0108	230.9	.2950
#1	.0009	.0104	.0044	.0045	.0191	.0000	5.533
#2	.0037	.0234	.0558	.0050	.0191	<.0000	5.547
#3	.0009	.0095	<.0000	.0060	.0191	<.0000	5.519
#4	.0009	.0141	.0180	.0085	.0191	.0000	5.510
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0021	.0012	.0016	.0167	.7644	1.234
SDev	.0012	.0010	.0010	.0004	.0027	.2650	.015
%RSD	393.9	49.64	83.97	27.83	16.02	34.66	1.189
#1	<.0000	.0015	.0015	.0020	.0138	.4317	1.223
#2	<.0000	.0035	.0023	.0020	.0202	.7914	1.256
#3	<.0000	.0022	<.0000	.0012	.0163	.7555	1.229
#4	.0012	.0012	.0011	.0012	.0163	1.079	1.229
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0255	<.0000	3.763	.0028	.0207	<.0000	.0325
SDev	.0006	.0050	.063	.0082	.0046	.0394	.0942
%RSD	2.357	193.0	1.669	293.7	22.45	267.9	289.7
#1	.0254	<.0000	3.841	<.0000	.0189	.0171	.0035
#2	.0260	<.0000	3.756	.0110	.0261	<.0000	<.0000
#3	.0247	<.0000	3.766	<.0000	.0153	.0171	.1693
#4	.0260	<.0000	3.688	.0097	.0225	<.0000	.0035
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6211	.0645	.0013	.0008			
SDev	.0396	.0295	.0005	.0012			
%RSD	6.369	45.75	37.82	152.3			
#1	.5713	.0812	.0013	<.0000			
#2	.6593	.0944	.0020	<.0000			
#3	.6083	.0545	.0013	.0021			
#4	.6454	.0279	.0007	.0015			

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Method: IECW Sample Name: 26475

Run Time: 11/16/01 11:48:56

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0032	.0158	.0981	.0168	.0278	.0000	24.59
SDev	.0006	.0045	.0108	.0032	.0003	.0000	.04
%RSD	19.34	28.42	10.97	18.95	1.266	.0000	.1589

#1	.0029	.0133	.1111	.0194	.0277	.0000	24.64
#2	.0039	.0226	.0892	.0164	.0284	.0000	24.60
#3	.0025	.0133	.1029	.0189	.0277	.0000	24.58
#4	.0034	.0142	.0893	.0125	.0277	.0000	24.55

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0013	.0049	.0020	.0528	2.545	8.196
SDev	.0019	.0014	.0012	.0013	.0044	.107	.022
%RSD	364.6	107.8	24.99	63.91	8.276	4.221	.2680

#1	<.0000	.0005	.0044	.0015	.0515	2.662	8.173
#2	.0013	.0028	.0064	.0038	.0502	2.590	8.218
#3	.0003	<.0000	.0036	.0022	.0593	2.518	8.182
#4	<.0000	.0022	.0052	.0007	.0502	2.410	8.212

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0617	<.0000	26.69	.0042	.0207	<.0000	.0168
SDev	.0006	.0047	.09	.0030	.0108	.0222	.0663
%RSD	1.022	96.16	.3486	71.79	52.20	1656.	395.7

#1	.0620	<.0000	26.75	.0002	.0117	<.0000	<.0000
#2	.0607	<.0000	26.61	.0036	.0261	.0160	.1162
#3	.0620	<.0000	26.79	.0070	.0333	.0160	<.0000
#4	.0620	.0019	26.61	.0058	.0117	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.653	.0799	.0037	.0010
SDev	.091	.0440	.0003	.0007
%RSD	5.514	55.05	8.477	71.56

#1	1.601	.0833	.0035	.0000
#2	1.689	.0167	.0035	.0018
#3	1.763	.1099	.0041	.0012
#4	1.559	.1099	.0035	.0012

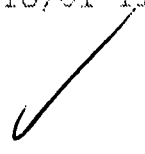
Analysis Report

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Method: IECW Sample Name: 26476
 Run Time: 11/16/01 11:50:50
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0013	.0129	.0003	.0045	.0144	<.0000	5.851
SDev	.0013	.0062	.0377	.0008	.0004	.0001	.020
%RSD	96.59	48.09	14170.	18.12	2.832	230.9	.3375

#1	.0009	.0122	.0532	.0055	.0141	<.0000	5.842
#2	.0004	.0113	<.0000	.0045	.0141	.0000	5.880
#3	.0009	.0067	<.0000	.0035	.0148	<.0000	5.835
#4	.0032	.0215	<.0000	.0045	.0148	.0000	5.847

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0009	.0013	.0014	.0260	.7644	1.296
SDev	.0013	.0004	.0016	.0011	.0017	.3542	.009
%RSD	77.82	41.39	121.5	82.79	6.435	46.33	.7154

#1	<.0000	.0015	.0023	<.0000	.0267	.5036	1.292
#2	<.0000	.0007	.0015	.0020	.0241	.8634	1.286
#3	<.0000	.0009	<.0000	.0020	.0254	.4677	1.306
#4	<.0000	.0006	.0023	.0020	.0280	1.223	1.301

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0240	<.0000	4.179	.0016	.0036	<.0000	.0366
SDev	.0003	.0042	.027	.0051	.0145	.0267	.0635
%RSD	1.314	74.60	.6385	307.6	403.9	442.7	173.4

#1	.0241	<.0000	4.215	<.0000	<.0000	<.0000	<.0000
#2	.0241	<.0000	4.156	<.0000	.0117	<.0000	<.0000
#3	.0235	<.0000	4.184	.0019	<.0000	.0171	.1195
#4	.0241	<.0000	4.161	.0087	.0189	.0171	.0532

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7449	.0045	.0013	.0005
SDev	.0635	.0295	.0009	.0007
%RSD	8.521	661.4	65.88	149.0

#1	.7055	.0145	.0007	.0015
#2	.6963	<.0000	.0026	.0003
#3	.7426	.0278	.0007	.0003
#4	.8353	.0144	.0013	<.0000

Analysis Report

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Method: IECW Sample Name: 26477
 Run Time: 11/16/01 11:55:58
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0035	.0256	.0039	.0187	<.0000	5.369
SDev	.0011	.0084	.0072	.0017	.0004	.0001	.020
%RSD	141.7	242.5	28.16	44.61	2.184	230.9	.3766

#1	<.0000	.0123	.0261	.0020	.0184	.0000	5.384
#2	<.0000	.0012	.0290	.0045	.0184	<.0000	5.359
#3	<.0000	.0077	.0154	.0060	.0191	.0000	5.386
#4	<.0000	<.0000	.0318	.0030	.0191	<.0000	5.344

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0000	.0001	.0167	.3058	1.201
SDev	.0006	.0008	.0014	.0008	.0019	.4282	.012
%RSD	1087.	84.75	24590.	1291.	11.65	140.0	.9618

#1	<.0000	<.0000	.0015	.0012	.0151	.5036	1.205
#2	<.0000	<.0000	<.0000	<.0000	.0190	.1079	1.214
#3	.0007	<.0000	.0003	<.0000	.0177	.7914	1.187
#4	.0002	<.0000	<.0000	<.0000	.0151	<.0000	1.196

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0290	<.0000	3.661	.0039	.0054	.0114	.0201
SDev	.0006	.0071	.030	.0038	.0095	.0116	.0303
%RSD	2.078	87.49	.8243	97.71	175.5	101.9	150.5

#1	.0292	<.0000	3.699	<.0000	<.0000	<.0000	.0035
#2	.0285	.0024	3.641	.0053	<.0000	.0172	<.0000
#3	.0298	<.0000	3.633	.0042	.0153	.0172	.0367
#4	.0285	<.0000	3.669	.0076	.0117	.0172	.0533

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6223	.0213	.0001	.0006
SDev	.0384	.0504	.0010	.0011
%RSD	6.172	236.8	1035.	172.5

#1	.6315	<.0000	.0001	.0004
#2	.6223	<.0000	.0001	.0015
#3	.6640	.0945	.0013	.0015
#4	.5713	.0147	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 26478

Operator: it

Run Time: 11/16/01 11:58:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0001	.0038	.1038	.0151	.0279	<.0000	24.36
SDev	.0012	.0088	.0206	.0034	.0003	.0000	.02
%RSD	1334.	230.5	19.89	22.80	1.259	50.00	.0816

#1	.0015	.0133	.0758	.0160	.0277	<.0000	24.36
#2	.0006	.0050	.1247	.0135	.0284	<.0000	24.39
#3	<.0000	.0050	.1112	.0195	.0277	<.0000	24.35
#4	<.0000	<.0000	.1032	.0115	.0277	<.0000	24.34

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	.0001	.0026	<.0000	.0477	1.763	8.133
SDev	.0005	.0009	.0014	.0009	.0018	.335	.040
%RSD	61.74	1421.	53.66	1641.	3.826	19.00	.4877

#1	<.0000	.0009	.0044	.0007	.0477	1.799	8.110
#2	<.0000	<.0000	.0023	.0007	.0503	2.087	8.182
#3	<.0000	.0005	.0024	<.0000	.0464	1.871	8.093
#4	<.0000	<.0000	.0011	<.0000	.0464	1.295	8.146

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0566	<.0000	26.96	.0025	.0117	<.0000	.0293
SDev	.0006	.0055	.16	.0026	.0078	.0276	.0682
%RSD	1.111	229.9	.5843	104.9	66.49	214.3	232.9

#1	.0570	<.0000	26.86	.0047	.0153	<.0000	.0334
#2	.0570	<.0000	27.07	.0047	.0189	<.0000	.1163
#3	.0570	.0020	26.79	.0002	.0117	<.0000	.0168
#4	.0557	<.0000	27.12	.0002	.0009	.0277	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	1.505	.1034	.0007	.0002
SDev	.034	.0726	.0013	.0011
%RSD	2.269	70.21	181.5	710.2

#1	1.490	.1633	.0010	.0000
#2	1.518	.0167	.0023	.0018
#3	1.546	.1633	.0004	<.0000
#4	1.467	.0701	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 26532
 Run Time: 11/16/01 12:00:45
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0013	.0178	<.0000	.0059	.0146	<.0000	5.830
SDev	.0006	.0045	.0079	.0018	.0003	.0000	.009
%RSD	41.18	25.17	36.52	30.54	2.412	6452000.	.1593
#1	.0009	.0169	<.0000	.0055	.0148	<.0000	5.835
#2	.0009	.0141	<.0000	.0050	.0148	.0000	5.835
#3	.0018	.0159	<.0000	.0085	.0141	.0000	5.817
#4	.0018	.0243	<.0000	.0045	.0148	.0000	5.835
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0009	.0004	.0257	.4856	1.292
SDev	.0018	.0008	.0005	.0009	.0029	.0464	.014
%RSD	311.3	123.9	60.69	205.4	11.20	9.563	1.104
#1	.0007	<.0000	.0011	<.0000	.0280	.4677	1.298
#2	.0012	<.0000	.0003	<.0000	.0267	.4317	1.277
#3	<.0000	.0000	.0015	.0012	.0267	.5396	1.286
#4	<.0000	<.0000	.0007	.0012	.0215	.5036	1.309
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0247	<.0000	7.238	<.0000	.0072	<.0000	.0117
SDev	.0007	.0035	.033	.0057	.0074	.0284	.0214
%RSD	2.937	69.30	.4598	644.3	103.2	468.5	182.3
#1	.0241	<.0000	7.242	.0008	.0153	.0171	.0366
#2	.0254	<.0000	7.284	<.0000	.0009	<.0000	.0035
#3	.0241	<.0000	7.210	.0064	.0009	<.0000	<.0000
#4	.0254	<.0000	7.218	<.0000	.0117	.0171	.0200
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9894	<.0000	.0007	.0002			
SDev	.0266	.0295	.0005	.0010			
%RSD	2.685	333.3	71.08	495.5			
#1	.9929	.0011	.0007	.0003			
#2	.9651	<.0000	.0001	<.0000			
#3	.9743	<.0000	.0013	.0015			
#4	1.025	.0277	.0007	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 26533
 Run Time: 11/16/01 12:05:18
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0001	.0125	.0098	.0048	.0168	<.0000	5.558
SDev	.0009	.0049	.0236	.0013	.0003	.0001	.012
%RSD	610.4	39.41	239.9	26.37	2.116	191.5	.2133

#1	.0009	.0178	.0396	.0050	.0169	.0000	5.562
#2	<.0000	.0067	.0126	.0050	.0170	<.0000	5.543
#3	<.0000	.0104	.0044	.0030	.0169	<.0000	5.558
#4	.0009	.0150	<.0000	.0060	.0162	.0000	5.571

Elem	Cd2288	Co2286	Cr2677	Cu5247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0020	.0019	.0004	.0235	.4137	1.236
SDev	.0005	.0018	.0013	.0006	.0044	.3555	.011
%RSD	47.16	91.64	67.12	143.0	18.87	85.94	.8670

#1	<.0000	.0009	.0015	.0012	.0280	.7555	1.229
#2	<.0000	.0000	.0028	.0004	.0176	.3957	1.226
#3	<.0000	.0032	.0003	<.0000	.0254	<.0000	1.238
#4	<.0000	.0038	.0032	.0004	.0228	.5756	1.250

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0279	<.0000	6.614	<.0000	.0036	.0113	<.0000
SDev	.0005	.0043	.032	.0063	.0167	.0116	.0872
%RSD	1.842	48.95	.4892	23240.	465.5	102.2	1818.

#1	.0285	<.0000	6.651	.0042	.0261	<.0000	<.0000
#2	.0279	<.0000	6.630	<.0000	.0045	.0172	<.0000
#3	.0273	<.0000	6.585	.0031	<.0000	.0171	.1195
#4	.0279	<.0000	6.589	.0019	<.0000	.0171	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9907	.0179	.0020	.0004
SDev	.0500	.0918	.0007	.0008
%RSD	5.048	513.6	36.59	234.6

#1	1.044	.0412	.0026	.0015
#2	1.021	<.0000	.0013	<.0000
#3	.9605	<.0000	.0013	.0004
#4	.9373	.1344	.0026	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 2e554
 Run Time: 11/16/01 12:07:50
 Comment:
 Mode: CUNC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0071	.0065	.0051	.0159	<.0000	5.687
SDev	.0009	.0096	.0335	.0014	.0004	.0000	.020
%RSD	113.2	135.0	516.0	28.03	2.558	100.00	.3555

#1	<.0000	.0150	<.0000	.0060	.0162	<.0000	5.685
#2	<.0000	.0159	<.0000	.0030	.0162	.0000	5.715
#3	<.0000	<.0000	.0399	.0060	.0155	<.0000	5.683
#4	<.0000	<.0000	.0290	.0055	.0155	<.0000	5.666

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0002	.0086	.0345	.1709	1.220
SDev	.0011	.0008	.0013	.0013	.0021	.2666	.018
%RSD	77.21	3816.	691.0	15.08	6.126	156.0	1.439

#1	<.0000	.0010	<.0000	.0088	.0345	.3957	1.238
#2	<.0000	.0000	.0011	.0104	.0371	.3597	1.232
#3	<.0000	<.0000	<.0000	.0073	.0345	<.0000	1.208
#4	<.0000	<.0000	.0015	.0081	.0319	.1079	1.202

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0257	<.0000	6.781	.0020	.0072	<.0000	<.0000
SDev	.0004	.0032	.049	.0024	.0180	.0200	.0414
%RSD	1.414	50.88	.7224	124.8	249.9	8925.	98.47

#1	.0260	<.0000	6.788	.0042	.0045	.0287	<.0000
#2	.0254	<.0000	6.837	.0019	<.0000	<.0000	<.0000
#3	.0260	<.0000	6.784	<.0000	.0225	<.0000	<.0000
#4	.0254	<.0000	6.717	.0031	.0189	<.0000	.0035

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.7868	.0478	.0006	.0033
SDev	.0517	.0171	.0011	.0000
%RSD	6.565	35.85	189.4	.0426

#1	.7891	.0545	.0020	.0033
#2	.8539	.0678	.0007	.0033
#3	.7752	.0412	.0001	.0033
#4	.7289	.0279	<.0000	.0033

Analysis Report

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Method: IECW Sample Name: 26535
 Run Time: 11/16/01 12:09:48
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0050	.0085	.0043	.0159	<.0000	5.819
SDev	.0016	.0088	.0324	.0017	.0004	.0000	.012
%RSD	148.8	175.1	379.5	40.11	2.568	.0000	.2048
#1	<.0000	.0030	<.0000	.0045	.0155	<.0000	5.827
#2	<.0000	.0178	<.0000	.0035	.0162	<.0000	5.823
#3	<.0000	<.0000	.0534	.0025	.0162	<.0000	5.823
#4	.0009	.0020	.0072	.0065	.0155	<.0000	5.801
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0012	<.0000	.0092	.0231	<.0000	1.275
SDev	.0008	.0012	.0007	.0004	.0031	.0614	.015
%RSD	124.1	100.6	201.7	4.785	13.24	97.57	1.185
#1	<.0000	<.0000	<.0000	.0096	.0189	<.0000	1.253
#2	.0002	.0017	<.0000	.0096	.0254	<.0000	1.283
#3	<.0000	.0015	.0003	.0088	.0254	<.0000	1.286
#4	<.0000	.0020	.0003	.0088	.0228	<.0000	1.280
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0225	<.0000	6.544	.0017	.0144	<.0000	<.0000
SDev	.0004	.0057	.031	.0056	.0184	.0220	.0209
%RSD	1.614	113.5	.4736	335.4	128.1	107.1	233.5
#1	.0229	<.0000	6.587	<.0000	<.0000	<.0000	<.0000
#2	.0229	<.0000	6.530	.0064	.0225	<.0000	<.0000
#3	.0222	<.0000	6.543	.0064	.0117	<.0000	.0201
#4	.0222	<.0000	6.515	<.0000	.0333	<.0000	<.0000
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avge	.7901	.0245	.0010	.0036			
SDev	.0263	.0398	.0006	.0003			
%RSD	3.327	162.4	60.53	9.452			
#1	.7519	.0145	.0007	.0033			
#2	.8121	.0411	.0007	.0038			
#3	.7982	<.0000	.0020	.0033			
#4	.7982	.0677	.0007	.0038			

Analysis Report

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page 1

Method: IECW Sample Name: ipc
 Run Time: 11/16/01 12:13:30
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avg	.4881 ✓	.9173 ✓	.0213	.9590	.9831 ✓	.9472 ✓	.9745 ✓
SDev	.0027	.0042	.0365	.0057	.0031	.0027	.0048
%RSD	.5618	.4556	171.2	.5912	.3129	.2799	.4887
#1	.4845	.9196	.0681	.9523	.9837	.9461	.9681
#2	.4903	.9178	.0274	.9657	.9872	.9512	.9786
#3	.4874	.9206	.0084	.9608	.9815	.9456	.9736
#4	.4903	.9113	<.0000	.9573	.9801	.9460	.9777
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avg	.9647 ✓	.9681 ✓	.9417 ✓	.9615 ✓	.9396 ✓	<.0000	.9417 ✓
SDev	.0036	.0056	.0049	.0015	.0060	.1747	.0178
%RSD	.3685	.5745	.5182	.1522	.6413	647.3	1.891
#1	.9620	.9626	.9396	.9611	.9419	<.0000	.9223
#2	.9620	.9756	.9490	.9626	.9471	.0719	.9641
#3	.9654	.9687	.9388	.9626	.9341	.0719	.9342
#4	.9694	.9655	.9396	.9596	.9354	.0360	.9462
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avg	.9696 ✓	.9253 ✓	.9703 ✓	.9677 ✓	.9824	.9379	.0326
SDev	.0039	.0104	.0217	.0098	.0296	.0608	.0635
%RSD	.4017	1.124	2.241	1.008	3.013	6.487	195.0
#1	.9699	.9147	.9674	.9652	.9653	.9060	<.0000
#2	.9749	.9395	.9826	.9821	1.026	.9408	.1154
#3	.9674	.9222	.9902	.9607	.9653	.8828	.0491
#4	.9661	.9246	.9409	.9629	.9725	1.022	<.0000
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avg	.9437	.9947	.9692 ✓	.9775 ✓			
SDev	.0231	.0691	.0042	.0048			
%RSD	2.448	6.942	.4317	.4898			
#1	.9287	.9315	.9680	.9799			
#2	.9749	1.078	.9754	.9829			
#3	.9240	1.025	.9667	.9747			
#4	.9471	.9448	.9667	.9724			

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 11/16/01 12:15:26
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	.0021 ✓	.0090 ✓	.0148	.0059	.0007 ✓	.0008 ✓	<.0000 ✓
SDev	.0018	.0079	.0184	.0017	.0003	.0003	.0011
%RSD	82.15	87.18	124.3	28.67	50.07	45.70	41.35

#1	.0043	.0093	.0325	.0069	.0012	.0012	<.0000
#2	.0019	.0120	.0161	.0068	.0005	.0009	<.0000
#3	.0000	<.0000	<.0000	.0064	.0005	.0005	<.0000
#4	.0024	.0167	.0215	.0034	.0005	.0004	<.0000

Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avge	.0005 ✓	.0028 ✓	.0021 ✓	.0048 ✓	<.0000 ✓	.1799	.0112 ✓
SDev	.0006	.0006	.0012	.0010	.0026	.1409	.0130
%RSD	129.1	19.81	60.34	20.66	265.5	78.32	116.0

#1	<.0000	.0033	.0031	.0059	<.0000	<.0000	<.0000
#2	.0012	.0032	.0014	.0052	.0003	.3238	.0283
#3	.0002	.0025	.0006	.0036	.0003	.1439	.0134
#4	.0007	.0022	.0031	.0044	.0003	.2518	.0045

Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	.0006 ✓	.0279 ✓	.0223 ✓	.0099 ✓	.0063	.0463	<.0000
SDev	.0004	.0084	.0142	.0054	.0086	.0201	.0626
%RSD	57.79	30.26	63.84	54.73	136.1	43.32	94.34

#1	.0009	.0397	.0303	.0158	.0009	.0637	<.0000
#2	.0009	.0273	.0038	.0124	.0153	.0637	<.0000
#3	.0003	.0198	.0189	.0034	<.0000	.0290	<.0000
#4	.0003	.0248	.0360	.0079	.0117	.0289	<.0000

Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓
Avge	.1402	<.0000	.0033 ✓	.0007 ✓
SDev	.0232	.0756	.0005	.0010
%RSD	16.52	378.2	15.55	138.8

#1	.1379	.0832	.0033	.0022
#2	.1656	<.0000	.0039	.0004
#3	.1100	<.0000	.0026	.0004
#4	.1471	<.0000	.0033	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26536
 Run Time: 11/16/01 13:13:04
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0943	.0157	.0289	.0002	24.48
SDev	.0020	.0050	.0250	.0009	.0003	.0001	.07
%RSD	76.65	183.9	26.48	5.582	1.201	47.87	.291E

#1	<.0000	<.0000	.0598	.0164	.0284	.0003	24.39
#2	<.0000	.0003	.1139	.0149	.0291	.0002	24.54
#3	<.0000	<.0000	.1113	.0164	.0291	.0001	24.45
#4	<.0000	.0022	.0922	.0149	.0291	.0001	24.53

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	.0012	.0141	.0850	<.0000	8.174
SDev	.0011	.0016	.0009	.0013	.0034	.2913	.038
%RSD	312.5	181.7	71.79	9.389	3.997	104.5	.462E

#1	.0003	<.0000	.0019	.0122	.0814	<.0000	8.140
#2	<.0000	<.0000	.0002	.0145	.0879	<.0000	8.221
#3	.0008	<.0000	.0007	.0145	.0827	<.0000	8.146
#4	.0013	.0002	.0019	.0152	.0879	.1439	8.188

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1111	<.0000	27.15	.0132	<.0000	.0016	.0541
SDev	.0015	.0051	.07	.0059	.0128	.0239	.0476
%RSD	1.385	104.9	.2624	45.01	129.3	1493.	88.09

#1	.1092	<.0000	27.23	.0070	<.0000	.0161	.0500
#2	.1123	<.0000	27.14	.0092	.0009	.0276	.0002
#3	.1104	<.0000	27.07	.0183	<.0000	<.0000	.1163
#4	.1123	<.0000	27.18	.0183	.0009	<.0000	.0499

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.553	.1332	<.0000	.0032
SDev	.040	.0600	.0013	.0003
%RSD	2.560	45.02	585.9	10.47

#1	1.495	.1632	<.0000	.0029
#2	1.559	.0433	<.0000	.0035
#3	1.573	.1632	<.0000	.0035
#4	1.583	.1631	.0016	.0029

Analysis Report

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page 1

Method: IECW Sample Name: 26536lab dup
 Run Time: 11/16/01 13:15:21
 Comment:
 Mode: CDNC Corr. factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000 0	<.0000 0	.0801	.0164	.0287 0.0299	<.0000 0.0002	24.53 24.78
SDev	.0016	.0088	.0248	.0009	.0004	.0000	.10
%RSD	44.91	91.02	30.90	5.518	1.417	100.00	.4093
#1	<.0000 ✓	<.0000 ✓	.0436	.0169	.0284 ✓	<.0000 ✓	24.40 ✓
#2	<.0000	<.0000	.0868	.0134	.0291	<.0000	24.52
#3	<.0000	<.0000	.0978	.0159	.0291	<.0000	24.58
#4	<.0000	.0003	.0922	.0174	.0284	.0000	24.64
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000 0.0003	<.0000 0	<.0000 0.0012	.0139 0.0141	.0840 0.0850	<.0000	8.191 8.179
SDev	.0016	.0017	.0016	.0019	.0028	.4592	.033
%RSD	571.9	1069.	3245.	13.74	3.328	154.7	.4019
#1	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0114 ✓	.0827 ✓	<.0000	8.167 ✓
#2	.0008	.0009	.0007	.0145	.0840	<.0000	8.158
#3	.0003	<.0000	<.0000	.0137	.0814	<.0000	8.218
#4	.0003	.0016	.0019	.0160	.0878	.2158	8.221
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.1114 0.1111	<.0000 0	27.01 27.15	.0104 0.0132	<.0000	<.0000	.0624
SDev	.0012	.0051	.08	.0047 24%	.0139	.0300	.0248
%RSD	1.080	104.9	.2960	45.29 4.02	85.77	1568.	39.81
#1	.1098 ✓	<.0000 ✓	26.96 ✓	.0047 ✓	<.0000	<.0000	.0500
#2	.1111	<.0000	27.01	.0115	<.0000	.0277	.0499
#3	.1123	<.0000	26.94	.0160	<.0000	<.0000	.0500
#4	.1123	<.0000	27.12	.0092	<.0000	<.0000	.0996
Elem	Si2881	Ti1908	V_2924	Zn2138			
Avg	1.404	.0699	<.0000 0	.0013 0.0032			
SDev	.048	.0392	.0016 ✓	.0003			
%RSD	3.455	55.98	304.1	22.18			
#1	1.369	.0167	<.0000	.0012			
#2	1.383	.0833	.0004	.0018			
#3	1.388	.0699	<.0000	.0012			
#4	1.476	.1098	.0010	.0012			

Analysis Report

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page 1

Method: IECW Sample Name: 26536spk
 Run Time: 11/16/01 13:21:50
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0176 <i>0.9%</i>	.2576 <i>0</i>	.3060	.2983	.2992 <i>0.028%</i>	.0516 <i>0.0002</i>	24.05 <i>24.48</i>
SDev	.0008	.0055	.0244	.0016	.0003	.0001	.06
%RSD	4.619 <i>10%</i>	2.123 <i>✓</i>	7.984	.5485	.1166 <i>10%</i>	.1911 <i>✓</i>	.2513 <i>✓</i>
#1	.0178	.2496	.3224	.2982	.2987	.0515	23.99
#2	.0173	.2616	.3222	.2987	.2994	.0516	24.03
#3	.0168	.2597	.3087	.2982	.2994	.0515	24.03
#4	.0187	.2597	.2706	.3001	.2993	.0516	24.13

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1066 <i>0.0003</i>	.1017 <i>0</i>	.2550 <i>0.0012</i>	.2831 <i>0.0141</i>	.3481 <i>0.0850</i>	<.0000	8.007 <i>8.174</i>
SDev	.0026	.0029	.0010	.0015	.0031	.2178	.043
%RSD	2.425	2.828	.4057	.5164 <i>108%</i>	.8833 <i>10%</i>	16.37	.5321 <i>✓</i>
#1	.1029 <i>✓</i>	.1053 <i>✓</i>	.2540 <i>✓</i>	.2819	.3462	<.0000	7.955
#2	.1074	.0983	.2547	.2819	.3474	<.0000	8.042
#3	.1089	.1017	.2564	.2835	.3462	<.0000	7.988
#4	.1074	.1017	.2547	.2850	.3526	<.0000	8.042

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3766 <i>0.1111</i>	.0905 <i>0</i>	26.63 <i>27.15</i>	.2684 <i>0.0132</i>	.2285	.2266	.3182
SDev	.0015	.0055	.03	.0046	.0157	.0174	.0547
%RSD	.4090 <i>1.06%</i>	6.077 <i>✓</i>	.1306	1.696 <i>✓</i>	6.853	7.661	17.21
#1	.3766	.0861	26.66 <i>✓</i>	.2721	.2168	.2122	.2809
#2	.3785	.0886	26.58	.2619	.2132	.2469	.3803
#3	.3747	.0886	26.65	.2687	.2420	.2353	.2643
#4	.3766	.0985	26.61	.2709	.2420	.2121	.3471

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.311	.3292	.1020 <i>0</i>	.2647 <i>0.0032</i>
SDev	.029	.0454	.0004	.0015
%RSD	2.242	13.80	.3520 <i>✓</i>	.5532 <i>✓</i>
#1	1.300	.2694	.1023	.2627
#2	1.282	.3757	.1017	.2661
#3	1.310	.3492	.1017	.2650
#4	1.351	.3225	.1023	.2650

Analysis Report

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page 1

Method: IECW Sample Name: 26537

Operator: it

Run Time: 11/16/01 13:25:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag5280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0178	.0039	.0139	<.0000	6.122
SDev	.0017	.0118	.0120	.0008	.0003	.0001	.030
%RSD	27.02	42.48	67.73	19.34	2.531	46.19	.4871
#1	<.0000	<.0000	.0102	.0030	.0141	<.0000	6.115
#2	<.0000	<.0000	.0268	.0045	.0141	<.0000	6.160
#3	<.0000	<.0000	.0049	.0035	.0134	<.0000	6.088
#4	<.0000	<.0000	.0292	.0045	.0141	<.0000	6.126
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0058	.0250	<.0000	1.246
SDev	.0008	.0020	.0014	.0006	.0031	.3328	.004
%RSD	38.73	45.53	47.22	10.81	12.24	13.55	.3587
#1	<.0000	<.0000	<.0000	.0058	.0293	<.0000	1.241
#2	<.0000	<.0000	<.0000	.0050	.0228	<.0000	1.250
#3	<.0000	<.0000	<.0000	.0058	.0228	<.0000	1.244
#4	<.0000	<.0000	<.0000	.0065	.0254	<.0000	1.250
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0202	<.0000	7.531	.0146	<.0000	<.0000	.0699
SDev	.0006	.0024	.108	.0019	.0157	.0095	.0716
%RSD	2.986	34.54	1.439	13.16	79.12	32.50	102.4
#1	.0197	<.0000	7.524	.0155	<.0000	<.0000	.1694
#2	.0210	<.0000	7.665	.0143	<.0000	<.0000	.0368
#3	.0203	<.0000	7.399	.0121	<.0000	<.0000	.0699
#4	.0197	<.0000	7.534	.0166	<.0000	<.0000	.0036
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.0753	.0578	<.0000	.0017			
SDev	.0365	.0200	.0013	.0003			
%RSD	48.44	34.55	47.87	17.53			
#1	.0522	.0678	<.0000	.0015			
#2	.0382	.0678	<.0000	.0015			
#3	.1170	.0678	<.0000	.0015			
#4	.0939	.0279	<.0000	.0021			

Analysis Report

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page 1

Method: IECW Sample Name: 26538
 Run Time: 11/16/01 13:30:09
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0031	.0146	<.0000	6.164
SDev	.0006	.0079	.0304	.0017	.0003	.0001	.003
%RSD	7.886	22.41	328.2	54.90	2.426	25.66	.0437
#1	<.0000	<.0000	<.0000	.0045	.0148	<.0000	6.168
#2	<.0000	<.0000	<.0000	.0045	.0148	<.0000	6.164
#3	<.0000	<.0000	.0130	.0010	.0141	<.0000	6.162
#4	<.0000	<.0000	.0159	.0025	.0148	<.0000	6.162
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0211	.0581	<.0000	1.192
SDev	.0009	.0009	.0011	.0006	.0012	.1796	.009
%RSD	101.2	21.90	24.52	2.963	2.133	6.379	.7778
#1	<.0000	<.0000	<.0000	.0203	.0578	<.0000	1.190
#2	<.0000	<.0000	<.0000	.0211	.0591	<.0000	1.187
#3	<.0000	<.0000	<.0000	.0218	.0591	<.0000	1.205
#4	<.0000	<.0000	<.0000	.0211	.0565	<.0000	1.184
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0183	<.0000	6.957	.0070	<.0000	<.0000	<.0000
SDev	.0003	.0013	.045	.0061	.0179	.0116	.0703
%RSD	1.724	15.33	.6450	87.37	56.76	19.98	542.5
#1	.0185	<.0000	6.956	.0031	<.0000	<.0000	.0202
#2	.0185	<.0000	6.903	.0155	<.0000	<.0000	<.0000
#3	.0178	<.0000	7.013	.0020	<.0000	<.0000	.0699
#4	.0185	<.0000	6.956	.0076	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.0105	<.0000	<.0000	.0017			
SDev	.0607	.1071	.0011	.0012			
%RSD	575.0	422.5	27.96	72.45			
#1	<.0000	<.0000	<.0000	.0015			
#2	<.0000	<.0000	<.0000	.0003			
#3	.0847	<.0000	<.0000	.0033			
#4	.0337	.1211	<.0000	.0015			

Analysis Report

11/16/01 01:34:04 PM

page 1

Method: IECW Sample Name: 26624

Operator: it

Run Time: 11/16/01 13:32:19

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0433	.0147	.0270	<.0000	24.13
SDev	.0010	.0043	.0224	.0022	.0000	.0001	.09
%RSD	14.14	10.73	51.76	14.97	.0350	25.66	.3745
#1	<.0000	<.0000	.0657	.0115	.0270	<.0000	24.04
#2	<.0000	<.0000	.0141	.0155	.0270	<.0000	24.07
#3	<.0000	<.0000	.0547	.0165	.0270	<.0000	24.24
#4	<.0000	<.0000	.0385	.0155	.0270	<.0000	24.16
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0503	<.0000	8.075
SDev	.0003	.0010	.0010	.0011	.0018	.3029	.033
%RSD	32.01	24.70	33.88	20.48	3.620	23.89	.4121
#1	<.0000	<.0000	<.0000	<.0000	.0503	<.0000	8.072
#2	<.0000	<.0000	<.0000	<.0000	.0477	<.0000	8.039
#3	<.0000	<.0000	<.0000	<.0000	.0516	<.0000	8.119
#4	<.0000	<.0000	<.0000	<.0000	.0516	<.0000	8.069
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0566	<.0000	26.88	.0112	<.0000	<.0000	.0667
SDev	.0008	.0024	.12	.0017	.0078	.0150	.0823
%RSD	1.431	24.19	.4313	15.10	20.10	61.53	123.4
#1	.0557	<.0000	26.87	.0093	<.0000	<.0000	.1330
#2	.0563	<.0000	26.76	.0127	<.0000	<.0000	.0668
#3	.0576	<.0000	26.85	.0104	<.0000	<.0000	.1164
#4	.0570	<.0000	27.03	.0126	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6177	.0669	<.0000	<.0000			
SDev	.0058	.0440	.0012	.0006			
%RSD	.9401	65.82	30.99	67.83			
#1	.6096	.0170	<.0000	<.0000			
#2	.6189	.1102	<.0000	<.0000			
#3	.6234	.0435	<.0000	<.0000			
#4	.6189	.0969	<.0000	<.0000			

Analysis Report

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Method: IECW Sample Name: 26625
 Run Time: 11/16/01 13:34:27
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0110	.0035	.0136	<.0000	5.772
SDev	.0026	.0186	.0179	.0014	.0003	.0001	.013
%RSD	38.56	69.62	162.5	38.48	2.605	47.87	.2340

#1	<.0000	<.0000	.0048	.0025	.0134	<.0000	5.776
#2	<.0000	<.0000	.0372	.0030	.0141	<.0000	5.769
#3	<.0000	<.0000	.0051	.0055	.0134	<.0000	5.787
#4	<.0000	<.0000	<.0000	.0030	.0134	<.0000	5.755

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0251	<.0000	1.237
SDev	.0015	.0018	.0026	.0017	.0006	.5819	.015
%RSD	354.8	38.72	59.00	35.85	2.603	24.32	1.187

#1	<.0000	<.0000	<.0000	<.0000	.0241	<.0000	1.256
#2	.0017	<.0000	<.0000	<.0000	.0254	<.0000	1.238
#3	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.235
#4	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.220

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0247	<.0000	4.132	.0169	<.0000	<.0000	.0285
SDev	.0007	.0032	.045	.0025	.0188	.0274	.0828
%RSD	2.937	36.57	1.100	14.81	59.74	905.2	290.9

#1	.0254	<.0000	4.091	.0177	<.0000	.0172	.0036
#2	.0241	<.0000	4.097	.0155	<.0000	<.0000	.1362
#3	.0241	<.0000	4.186	.0144	<.0000	.0173	.0368
#4	.0254	<.0000	4.152	.0200	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0707	.0664	.0013	.0006
%RSD	43.60	231.6	40.43	111.3

#1	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0146	<.0000	<.0000
#3	<.0000	.0279	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26626
 Run Time: 11/16/01 13:36:28
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0055	.0044	.0182	<.0000	5.379
SDev	.0008	.0097	.0626	.0017	.0003	.0001	.011
%RSD	16.22	52.51	1136.	39.51	1.943	63.83	.1957
#1	<.0000	<.0000	.0729	.0035	.0177	<.0000	5.382
#2	<.0000	<.0000	.0401	.0050	.0184	<.0000	5.386
#3	<.0000	<.0000	<.0000	.0025	.0184	<.0000	5.363
#4	<.0000	<.0000	<.0000	.0065	.0184	<.0000	5.385
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0199	<.0000	1.176
SDev	.0011	.0006	.0011	.0010	.0006	.4168	.016
%RSD	57.32	49.69	43.86	30.15	3.227	19.07	1.363
#1	<.0000	<.0000	<.0000	<.0000	.0203	<.0000	1.178
#2	<.0000	<.0000	<.0000	<.0000	.0203	<.0000	1.178
#3	<.0000	<.0000	<.0000	<.0000	.0190	<.0000	1.155
#4	<.0000	<.0000	<.0000	<.0000	.0203	<.0000	1.193
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0310	<.0000	3.688	.0099	<.0000	<.0000	.0036
SDev	.0009	.0024	.019	.0053	.0144	.0257	.0234
%RSD	2.869	29.14	.5103	53.70	145.5	67.91	646.7
#1	.0310	<.0000	3.699	.0121	<.0000	<.0000	<.0000
#2	.0317	<.0000	3.707	.0132	<.0000	<.0000	.0368
#3	.0317	<.0000	3.681	.0121	.0117	<.0000	.0036
#4	.0298	<.0000	3.665	.0020	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.0836	<.0000	<.0000	<.0000			
SDev	.0452	.0491	.0011	.0000			
%RSD	54.03	569.9	64.23	.4491			
#1	.0291	<.0000	<.0000	<.0000			
#2	.0662	<.0000	<.0000	<.0000			
#3	.1079	.0547	<.0000	<.0000			
#4	.1310	<.0000	<.0000	<.0000			

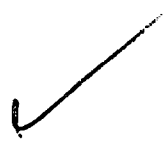
Analysis Report

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page 1

Method: IECW Sample Name: 2667e
 Run Time: 11/16/01 13:39:17
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0036	.0139	<.0000	5.816
SDev	.0015	.0093	.0250	.0014	.0007	.0000	.008
%RSD	35.79	62.36	111.3	37.78	4.866	33.33	.1439

#1	<.0000	<.0000	<.0000	.0050	.0141	<.0000	5.814
#2	<.0000	<.0000	<.0000	.0020	.0134	<.0000	5.810
#3	<.0000	<.0000	<.0000	.0030	.0148	<.0000	5.812
#4	<.0000	<.0000	.0046	.0045	.0134	<.0000	5.829

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	<.0000	<.0000	<.0000	.0251	<.0000	1.259
SDev	.0012	.0025	.0015	.0010	.0006	.5299	.013
%RSD	222.2	128.0	78.35	30.05	2.585	24.76	1.005

#1	.0012	.0004	<.0000	<.0000	.0254	<.0000	1.274
#2	.0012	<.0000	<.0000	<.0000	.0254	<.0000	1.247
#3	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.265
#4	.0012	<.0000	<.0000	<.0000	.0241	<.0000	1.250

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0249	<.0000	7.245	.0155	<.0000	<.0000	.0036
SDev	.0006	.0059	.028	.0046	.0200	.0491	.0406
%RSD	2.418	72.00	.3852	29.77	222.4	168.7	1138.

#1	.0254	<.0000	7.248	.0110	.0153	<.0000	.0367
#2	.0241	<.0000	7.278	.0189	<.0000	<.0000	<.0000
#3	.0247	<.0000	7.210	.0121	<.0000	<.0000	<.0000
#4	.0254	<.0000	7.244	.0200	<.0000	.0403	.0367

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	.3905	.0045	<.0000	<.0000
SDev	.0590	.0200	.0012	.0003
%RSD	15.11	439.1	141.9	64.25

#1	.3626	.0145	.0007	<.0000
#2	.3534	.0146	<.0000	<.0000
#3	.3673	<.0000	<.0000	<.0000
#4	.4785	.0145	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 26677

Operator: it

Run Time: 11/16/01 13:43:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0067	.0036	.0162	<.0000	5.604
SD	.0006	.0077	.0310	.0013	.0000	.0000	.012
%RSD	19.30	117.5	465.1	36.11	.0077	50.00	.2186

#1	<.0000	.0048	<.0000	.0030	.0162	<.0000	5.595
#2	<.0000	<.0000	.0128	.0025	.0162	<.0000	5.619
#3	<.0000	<.0000	.0481	.0035	.0162	<.0000	5.610
#4	<.0000	<.0000	<.0000	.0055	.0162	<.0000	5.593

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.227
SD	.0005	.0003	.0011	.0007	.0011	.2186	.014
%RSD	89.05	19.91	77.56	35.72	4.150	11.74	1.111

#1	<.0000	<.0000	<.0000	<.0000	.0267	<.0000	1.244
#2	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.223
#3	<.0000	<.0000	<.0000	<.0000	.0254	<.0000	1.229
#4	<.0000	<.0000	<.0000	<.0000	.0241	<.0000	1.211

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0266	<.0000	6.752	.0121	<.0000	<.0000	.0160
SD	.0009	.0032	.020	.0057	.0139	.0305	.0548
%RSD	3.343	36.58	.2999	46.92	154.5	207.8	342.6

#1	.0254	<.0000	6.740	.0110	<.0000	<.0000	.0201
#2	.0273	<.0000	6.735	.0200	.0117	<.0000	.0864
#3	.0273	<.0000	6.780	.0065	<.0000	<.0000	<.0000
#4	.0266	<.0000	6.753	.0110	<.0000	.0288	.0036

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.3766	.0412	<.0000	<.0000
SD	.0221	.0575	.0006	.0011
%RSD	5.858	139.6	87.32	130.8

#1	.3905	.0412	<.0000	<.0000
#2	.3905	<.0000	<.0000	<.0000
#3	.3442	.0146	.0001	<.0000
#4	.3813	.1211	<.0000	.0004

Analysis Report

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page 1

Method: IECW Sample Name: 26678
 Run Time: 11/16/01 13:45:35
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0657	.0028	.0161	<.0000	5.641
SDev	.0023	.0101	.0384	.0006	.0003	.0000	.018
%RSD	165.2	611.9	58.47	23.14	2.192	100.00	.3113
#1	<.0000	<.0000	.0996	.0025	.0162	<.0000	5.647
#2	.0009	.0104	.0940	.0035	.0162	.0000	5.662
#3	<.0000	<.0000	.0183	.0020	.0155	<.0000	5.622
#4	<.0000	.0011	.0507	.0030	.0162	<.0000	5.632
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0172	.0228	<.0000	1.214
SDev	.0006	.0010	.0014	.0006	.0018	.3392	.012
%RSD	60.89	84.77	81.80	3.615	8.027	19.34	.9613
#1	<.0000	<.0000	<.0000	.0180	.0254	<.0000	1.217
#2	<.0000	.0002	<.0000	.0172	.0228	<.0000	1.229
#3	<.0000	<.0000	<.0000	.0165	.0215	<.0000	1.202
#4	<.0000	<.0000	<.0000	.0172	.0215	<.0000	1.208
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0265	<.0000	6.977	.0135	.0045	<.0000	.0243
SDev	.0003	.0032	.007	.0030	.0088	.0290	.0891
%RSD	1.189	28.53	.1049	21.95	196.0	141.6	367.2
#1	.0260	<.0000	6.969	.0110	.0117	<.0000	<.0000
#2	.0266	<.0000	6.985	.0166	.0117	<.0000	.0532
#3	.0266	<.0000	6.981	.0155	.0009	.0172	<.0000
#4	.0266	<.0000	6.971	.0110	<.0000	<.0000	.1362
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.4693	.0279	<.0000	.0033			
SDev	.0340	.0392	.0009	.0011			
%RSD	7.253	140.4	167.3	32.60			
#1	.4832	.0412	.0007	.0021			
#2	.4878	.0279	<.0000	.0027			
#3	.4184	.0679	<.0000	.0038			
#4	.4879	<.0000	<.0000	.0044			

Analysis Report

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page 1

Method: IECW Sample Name: 26679

Operator: it

Run Time: 11/16/01 13:47:52

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0311	.0041	.0150	<.0000	5.605
SDev	.0010	.0094	.0219	.0011	.0004	.0001	.020
%RSD	31.13	122.2	70.42	26.63	2.369	230.9	.3504

#1	<.0000	<.0000	.0320	.0030	.0155	<.0000	5.588
#2	<.0000	<.0000	.0617	.0035	.0148	<.0000	5.633
#3	<.0000	<.0000	.0128	.0045	.0148	.0000	5.597
#4	<.0000	.0030	.0181	.0055	.0148	.0000	5.602

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	.0006	<.0000	.0058	.0235	<.0000	1.214
SDev	.0011	.0013	.0007	.0006	.0025	.4439	.023
%RSD	156.5	210.2	38.04	10.78	10.60	25.31	1.870

#1	<.0000	<.0000	<.0000	.0050	.0254	<.0000	1.196
#2	.0017	.0009	<.0000	.0058	.0202	<.0000	1.238
#3	.0007	.0017	<.0000	.0058	.0228	<.0000	1.193
#4	.0012	.0012	<.0000	.0065	.0254	<.0000	1.229

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0273	<.0000	6.692	.0177	<.0000	<.0000	.0492
SDev	.0007	.0054	.064	.0086	.0088	.0058	.0596
%RSD	2.665	71.26	.9602	48.66	140.0	18.01	121.2

#1	.0266	<.0000	6.704	.0110	<.0000	<.0000	.0202
#2	.0279	<.0000	6.761	.0200	.0009	<.0000	.1362
#3	.0279	<.0000	6.697	.0110	<.0000	<.0000	.0036
#4	.0266	<.0000	6.606	.0290	.0009	<.0000	.0367

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3720	<.0000	<.0000	.0018
SDev	.0441	.0831	.0021	.0006
%RSD	11.86	235.1	571.5	32.16

#1	.3442	<.0000	<.0000	.0015
#2	.3256	<.0000	<.0000	.0015
#3	.3998	.0546	<.0000	.0015
#4	.4183	.0146	.0026	.0027

Analysis Report

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page 1

Method: IECW Sample Name: ipc
 Run Time: 11/16/01 13:56:21
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280 ✓	Al3082 ✓	As1936	B_2496	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avge	.4915 ✓	.9067 ✓	.0180	.9829	1.023 ✓	.9833 ✓	.9982 ✓
SDev	.0019	.0090	.0510	.0059	.002	.0034	.0054
%RSD	.3806	.9945	288.3	.6039	.1987	.3409	.5378
#1	.4939	.9148	<.0000	.9917	1.024	.9861	1.003
#2	.4896	.8953	.0317	.9793	1.020	.9789	.9953
#3	.4906	.9130	.0830	.9797	1.024	.9858	1.002
#4	.4920	.9037	<.0000	.9808	1.023	.9824	.9921
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664	Mg2790 ✓
Avge	.9879 ✓	.9916 ✓	.9597 ✓	.9833 ✓	.9676 ✓	<.0000	.9238 ✓
SDev	.0082	.0032	.0055	.0031	.0077	.0541	.0071
%RSD	.8265	.3220	.5734	.3143	.7922	2.158	.7696
#1	.9811	.9952	.9663	.9829	.9621	<.0000	.9313
#2	.9836	.9894	.9548	.9790	.9647	<.0000	.9283
#3	.9995	.9933	.9622	.9852	.9790	<.0000	.9193
#4	.9875	.9884	.9556	.9859	.9647	<.0000	.9164
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203	Sb2068	Se1960
Avge	1.002 ✓	.9079 ✓	.9265 ✓	.9829 ✓	.9599	.9297	<.0000
SDev	.004	.0112	.0199	.0146	.0123	.0428	.0797
%RSD	.4150	1.233	2.152	1.489	1.279	4.605	609.9
#1	1.006	.8923	.9437	.9882	.9590	.9471	<.0000
#2	.9972	.9073	.9303	.9894	.9770	.8892	.0744
#3	1.005	.9172	.8978	.9928	.9482	.9819	.0244
#4	.9997	.9147	.9342	.9611	.9554	.9008	<.0000
Elem	Si2881	Tl1908	V_2924 ✓	Zn2138 ✓			
Avge	.5568	1.097	.9910 ✓	.9895 ✓			
SDev	.0963	.078	.0049	.0035			
%RSD	17.30	7.098	.4979	.3516			
#1	.6579	1.140	.9945	.9903			
#2	.5889	1.140	.9858	.9857			
#3	.5522	.9804	.9958	.9880			
#4	.4281	1.127	.9877	.9938			

Analysis Report

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page 1

Method: IECW Sample Name: cb

Operator: it

Run Time: 11/16/01 13:58:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280 ✓	Al3082 ✓	As1936 ✓	B_2496 ✓	Ba4934 ✓	Be3130 ✓	Ca3179 ✓
Avg	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0010 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓
SDev	.0014	.0115	.0176	.0011	.0000	.0001	.0027
%RSD	29.13	50.07	77.42	109.7	.1131	25.71	35.65
#1	<.0000	<.0000	<.0000	.0021	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	.0006	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	.0016	<.0000	<.0000	<.0000
Elem	Cd2288 ✓	Co2286 ✓	Cr2677 ✓	Cu3247 ✓	Fe2599 ✓	K_7664 ✓	Mg2790 ✓
Avg	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓
SDev	.0008	.0004	.0012	.0010	.0018	.0261	.0183
%RSD	76.00	19.49	44.08	32.27	142.2	30.50	74.32
#1	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	.0013	<.0000	<.0000
Elem	Mn2576 ✓	Mo2020 ✓	Na5889 ✓	Ni2316 ✓	Pb2203 ✓	Sb2068 ✓	Se1960 ✓
Avg	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	<.0000 ✓	.0088 ✓	<.0000 ✓
SDev	.0005	.0024	.0157	.0100	.0047	.0239	.0582
%RSD	65.52	34.79	39.45	168.6	17.22	272.6	351.6
#1	<.0000	<.0000	<.0000	.0074	<.0000	.0348	.0126
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	.0126
#3	<.0000	<.0000	<.0000	<.0000	<.0000	.0117	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	.0116	.0125
Elem	Si2881 ✓	Tl1908 ✓	V_2924 ✓	Zn2138 ✓			
Avg	<.0000 ✓	.0100 ✓	<.0000 ✓	<.0000 ✓			
SDev	.0690	.0578	.0018	.0010			
%RSD	17.26	575.9	36.79	77.13			
#1	<.0000	.0001	<.0000	<.0000			
#2	<.0000	.0400	<.0000	<.0000			
#3	<.0000	<.0000	<.0000	<.0000			
#4	<.0000	.0665	<.0000	<.0000			