

00011

21909 F=290.2	22558	u/pk B/L
9090 F=242.8	22577	$\text{Spk } 3.878 \times 50 = 1808.8$ 94.5
21909	22652	
21909 Spk	22653	$\text{Dup } 3.886 \times 50 = 1800.2$ 94.0
21910 F=246.8	22654	
F=21910 1→5	22655	$22664.678 \times 50 = 60.3$.5625
CCV (IPC) + CCB	22656	22665 <
22542 Spk	22657	22666 <
22543	IPC + CCB	$22667.1463 \times 50 = 5.2$ 1.417
22544	IESA+AA	
22545		$22668.2081 \times 50 = 7491$.1389
22546	9/20/01 IT	
22547	B/L	$22669.2136 \times 50 = 16.7$.375
22548	SSIP	$22670.678 \times 50 = 47.9$.7083
22549	IESA+CB	
22550	u/pk B/L	$22671.1441 \times 50 = 10.5$.6875
22551	Spk 3.923 x 50	$22672.2519 \times 50 = 161.9$ 94.56
IPC + CCB		1809.5
LF B + Ho + LRB		98.8%
22552 + Spk		1890.4
22553		1040
	22662	$1.488 \times 50 = 49.6$ 1.5
		$22674.621 \times 50 = 371.8264$.8264

QC Reviewed by
[Signature]

10/18/01
RCS

Analysis Report

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page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 09/18/01 13:50:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4860	1.021	.0239	.9416	.9269	.9581	.9750
SDev	.0037	.017	.0114	.0074	.0051	.0033	.0043
%RSD	.7662	1.616	47.61	.7872	.5506	.3477	.4412

#1	.4884	1.029	.0299	.9342	.9225	.9548	.9762
#2	.4846	1.024	.0257	.9516	.9305	.9616	.9718
#3	.4896	1.035	.0073	.9419	.9321	.9602	.9806
#4	.4814	.9975	.0325	.9384	.9225	.9557	.9715

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9459	.9513	.9581	.9117	.9893	.1071	.9856
SDev	.0035	.0066	.0042	.0039	.0039	.7853	.0341
%RSD	.3728	.6964	.4403	.4223	.3929	733.2	3.458

#1	.9433	.9492	.9541	.9084	.9859	.8415	1.028
#2	.9510	.9506	.9573	.9145	.9919	<.0000	.9645
#3	.9437	.9606	.9641	.9155	.9933	.7191	.9977
#4	.9457	.9449	.9569	.9084	.9860	<.0000	.9524

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9460	.9472	1.028	.9886	.9589	.8937	<.0000
SDev	.0056	.0110	.048	.0105	.0339	.0236	.0164
%RSD	.5927	1.164	4.640	1.066	3.538	2.637	109.7

#1	.9421	.9431	1.052	.9997	1.002	.9070	.0078
#2	.9449	.9492	1.013	.9855	.9487	.8613	<.0000
#3	.9542	.9613	1.078	.9754	.9644	.9146	<.0000
#4	.9428	.9351	.9686	.9937	.9206	.8919	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.018	1.051	.9482	.9478
SDev	.008	.065	.0056	.0063
%RSD	.8258	6.153	.5911	.6595

#1	1.022	1.008	.9448	.9430
#2	1.008	1.042	.9513	.9505
#3	1.027	1.145	.9545	.9553
#4	1.013	1.008	.9424	.9423

Analysis Report

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page 1

Method: IECW Sample Name: cb

Operator: it

Run Time: 09/18/01 13:55:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0212	<.0000	<.0000	<.0000	<.0000
SDev	.0036	.0105	.0088	.0017	.0000	.0000	.0046
%RSD	1149.	167.0	41.60	166.8	.2840	8.000	735.6

#1	<.0000	<.0000	.0105	<.0000	<.0000	<.0000	.0050
#2	<.0000	<.0000	.0213	.0012	<.0000	<.0000	<.0000
#3	.0044	.0066	.0211	<.0000	<.0000	<.0000	.0011
#4	<.0000	<.0000	.0321	<.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	.0010	<.0000	.0013	<.0000	<.0000	.0106
SDev	.0012	.0018	.0026	.0013	.0039	.4251	.0150
%RSD	200.1	184.9	143.1	103.3	132.2	69.46	141.9

#1	.0012	.0025	<.0000	.0018	<.0000	<.0000	.0317
#2	.0012	<.0000	<.0000	<.0000	.0007	<.0000	<.0000
#3	.0012	.0026	<.0000	.0028	<.0000	<.0000	.0106
#4	<.0000	<.0000	<.0000	.0008	<.0000	<.0000	.0015

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0088	.0273	.0050	.0182	.0124	.0639
%RSD	66.59	62.14	921.3	115.2	89.29	25.15	393.0

#1	<.0000	<.0000	.0185	<.0000	<.0000	<.0000	.0195
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0156	<.0000	<.0000	<.0000	.0261

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0011	.0021	<.0000	<.0000
SDev	.0000	.0245	.0024	.0003
%RSD	2.430	1150.	132.7	100.4

#1	.0011	.0213	.0008	<.0000
#2	.0012	<.0000	<.0000	<.0000
#3	.0011	.0213	<.0000	<.0000
#4	.0012	<.0000	<.0000	.0002

Analysis Report

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page 1

Method: IECW Sample Name: lfb
 Run Time: 09/18/01 13:58:33
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0046	.2494	.2490	.2388	.2280	.0467	.0135
SDev	.0009	.0050	.0171	.0017	.0027	.0003	.0025
%RSD	20.69	1.991	6.857	.6981	1.194	.6505	18.46

#1	.0050	.2560	.2567	.2394	.2308	.0466	.0135
#2	.0032	.2481	.2600	.2380	.2244	.0463	.0133
#3	.0050	.2494	.2235	.2369	.2292	.0468	.0166
#4	.0050	.2441	.2558	.2408	.2276	.0470	.0105

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0976	.0958	.2386	.2491	.2501	<.0000	<.0000
SDev	.0042	.0021	.0028	.0027	.0022	.4593	.0153
%RSD	4.347	2.170	1.162	1.083	.8873	15.09	492.2

#1	.1013	.0981	.2408	.2516	.2475	<.0000	.0165
#2	.0916	.0934	.2346	.2455	.2519	<.0000	<.0000
#3	.0980	.0949	.2395	.2506	.2519	<.0000	.0014
#4	.0997	.0968	.2395	.2486	.2490	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2347	.0789	.0273	.2407	.2262	.1973	.2366
SDev	.0016	.0076	.0111	.0065	.0139	.0282	.0827
%RSD	.6744	9.665	40.53	2.697	6.138	14.27	34.93

#1	.2353	.0779	.0273	.2473	.2341	.2392	.3376
#2	.2324	.0738	.0422	.2351	.2403	.1859	.1422
#3	.2360	.0899	.0155	.2452	.2090	.1782	.2073
#4	.2353	.0738	.0244	.2351	.2216	.1859	.2594

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2025	.3176	.0920	.2395
SDev	.0080	.0307	.0029	.0016
%RSD	3.953	9.660	3.123	.6805

#1	.2048	.3624	.0944	.2405
#2	.2048	.3027	.0879	.2378
#3	.2094	.3112	.0936	.2412
#4	.1909	.2941	.0920	.2385

IECW CONC F:1 SN:1fb Mo 09/18/01 14:01:07

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9273	.9195	.9894	.9627	.9034	.8690	.0031
SDev	.0052	.0160	.0336	.0058	.0180	.0563	.0458
%RSD	.5566	1.736	3.396	.6052	1.988	6.481	1464.
#1	.9314	.8989	.9864	.9713	.9019	.8005	<.0000
#2	.9207	.9150	.9449	.9612	.8831	.9071	.0145
#3	.9314	.9311	1.001	.9592	.9019	.9224	.0210
#4	.9257	.9331	1.025	.9592	.9269	.8461	.0405

Analysis Report

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page 1

Method: IECW Sample Name: lrb
 Run Time: 09/18/01 14:03:33
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0036	.0056	.0275	.0046	.0020	.0012	.0013
SDev	.0029	.0234	.0242	.0018	.0016	.0014	.0016
%RSD	79.54	415.5	87.99	39.06	80.01	114.8	125.1
#1	.0057	.0172	.0209	.0071	.0044	.0033	.0019
#2	<.0000	<.0000	.0537	.0047	.0012	.0010	<.0000
#3	.0044	.0080	.0382	.0033	.0012	.0005	.0011
#4	.0050	.0252	<.0000	.0033	.0012	.0002	.0030
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0011	.0037	.0027	.0041	.0015	<.0000	.0211
SDev	.0015	.0018	.0015	.0023	.0064	.5460	.0124
%RSD	134.1	49.45	56.92	55.43	437.7	892.2	58.89
#1	.0028	.0018	.0043	.0069	.0096	<.0000	.0347
#2	<.0000	.0024	.0007	.0018	<.0000	<.0000	.0106
#3	.0012	.0050	.0025	.0028	.0037	.5967	.0106
#4	.0012	.0054	.0034	.0048	<.0000	.1071	.0287
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0012	.0111	.0355	.0010	.0062	<.0000	<.0000
SDev	.0014	.0146	.0444	.0029	.0189	.0216	.0420
%RSD	108.2	132.3	124.8	288.4	303.2	583.1	75.76
#1	.0032	.0317	.0541	.0048	.0156	.0114	<.0000
#2	.0011	.0056	.0007	<.0000	<.0000	<.0000	<.0000
#3	.0004	.0096	<.0000	<.0000	.0282	.0114	<.0000
#4	.0004	<.0000	.0896	.0018	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.0127	.0021	.0010	.0018			
SDev	.0046	.0559	.0023	.0016			
%RSD	36.34	2669.	229.9	88.47			
#1	.0196	.0213	.0040	.0039			
#2	.0104	<.0000	<.0000	.0012			
#3	.0104	<.0000	.0008	.0002			
#4	.0104	.0726	.0008	.0019			

Analysis Report

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page 1

Method: IECW Sample Name: 22652

Operator: it

Run Time: 09/18/01 14:40:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0153	.0638	.0028	.0162	<.0000	5.291
SDev	.0014	.0029	.0340	.0007	.0008	.0000	.023
%RSD	117.7	18.77	53.24	23.56	4.908	6.897	.4291

#1	<.0000	.0126	.0449	.0023	.0150	<.0000	5.273
#2	<.0000	.0139	.0330	.0023	.0166	<.0000	5.289
#3	<.0000	.0153	.0673	.0030	.0166	<.0000	5.279
#4	<.0000	.0192	.1101	.0037	.0166	<.0000	5.324

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	.0003	.0007	.0017	.0092	<.0000	1.168
SDev	.0015	.0003	.0019	.0008	.0030	.2849	.024
%RSD	206.1	80.93	289.7	50.29	33.14	21.40	2.095

#1	.0020	.0006	.0031	.0006	.0073	<.0000	1.148
#2	.0003	.0004	.0009	.0027	.0117	<.0000	1.188
#3	<.0000	.0001	<.0000	.0017	.0058	<.0000	1.145
#4	.0020	.0001	<.0000	.0017	.0117	<.0000	1.191

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0229	<.0000	3.649	.0002	<.0000	<.0000	<.0000
SDev	.0007	.0012	.023	.0082	.0203	.0130	.0238
%RSD	2.989	3.658	.6267	3800.	92.39	35.70	3897.

#1	.0238	<.0000	3.618	.0035	.0031	<.0000	.0255
#2	.0224	<.0000	3.659	<.0000	<.0000	<.0000	<.0000
#3	.0231	<.0000	3.648	.0086	<.0000	<.0000	<.0000
#4	.0224	<.0000	3.671	<.0000	<.0000	<.0000	.0124

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6875	.0173	<.0000	.0022
SDev	.0088	.0359	.0012	.0008
%RSD	1.280	207.7	113.8	36.26

#1	.6933	.0280	<.0000	.0011
#2	.6886	.0194	<.0000	.0028
#3	.6933	.0536	<.0000	.0028
#4	.6747	<.0000	.0008	.0021

checked Tl only
 didn't pt. to pt.
 check JB



Analysis Report

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page 1

Method: IECW Sample Name: 22653

Operator: it

Run Time: 09/18/01 14:42:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0699	.0108	.0233	<.0000	20.92
SDev	.0003	.0171	.0418	.0024	.0008	.0000	.10
%RSD	9.431	157.8	59.77	22.24	3.383	.0000	.4577

#1	<.0000	<.0000	.0916	.0080	.0229	<.0000	20.85
#2	<.0000	<.0000	.0660	.0107	.0229	<.0000	20.96
#3	<.0000	.0090	.0131	.0139	.0245	<.0000	21.04
#4	<.0000	<.0000	.1091	.0108	.0229	<.0000	20.84

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0004	.0137	.0478	<.0000	6.948
SDev	.0013	.0019	.0013	.0005	.0028	.3838	.038
%RSD	207.1	224.4	344.8	3.696	5.936	47.33	.5416

#1	<.0000	.0013	<.0000	.0135	.0501	<.0000	6.906
#2	<.0000	.0000	.0014	.0135	.0500	<.0000	6.978
#3	<.0000	<.0000	.0014	.0145	.0441	<.0000	6.981
#4	.0009	<.0000	.0000	.0135	.0471	<.0000	6.927

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0868	<.0000	27.05	<.0000	<.0000	<.0000	<.0000
SDev	.0009	.0019	.06	.0054	.0223	.0210	.0433
%RSD	1.035	5.256	.2173	550.3	102.0	70.83	2605.

#1	.0877	<.0000	27.04	.0061	<.0000	<.0000	.0619
#2	.0869	<.0000	26.97	<.0000	<.0000	<.0000	<.0000
#3	.0869	<.0000	27.11	.0000	<.0000	<.0000	<.0000
#4	.0855	<.0000	27.07	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908 ✓	V_2924	Zn2138
Avge	2.400	<.0000	<.0000	.0010
SDev	.012	.0626	.0020	.0008
%RSD	.4986	2337.	94.34	81.05

#1	2.414	<.0000	<.0000	.0015
#2	2.395	<.0000	<.0000	.0015
#3	2.404	.0357	.0005	.0012
#4	2.386	.0615	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 22654

Operator: it

Run Time: 09/18/01 14:44:55

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0361	.0023	.0130	<.0000	5.411
SDev	.0021	.0144	.0270	.0012	.0008	.0000	.029
%RSD	61.33	88.66	74.74	53.91	6.144	.0000	.5421
#1	<.0000	<.0000	.0162	.0030	.0134	<.0000	5.379
#2	<.0000	<.0000	.0422	.0033	.0118	<.0000	5.445
#3	<.0000	<.0000	.0718	.0023	.0134	<.0000	5.423
#4	<.0000	<.0000	.0143	.0006	.0134	<.0000	5.395
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	<.0000	<.0000	.0006	.0140	<.0000	1.114
SDev	.0014	.0011	.0025	.0008	.0026	.3603	.023
%RSD	94.21	85.00	136.9	131.5	18.33	15.00	2.035
#1	.0003	<.0000	<.0000	.0006	.0118	<.0000	1.106
#2	.0003	<.0000	<.0000	<.0000	.0118	<.0000	1.130
#3	.0020	.0001	.0009	.0017	.0162	<.0000	1.133
#4	.0032	<.0000	<.0000	.0006	.0162	<.0000	1.085
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0194	<.0000	3.707	<.0000	<.0000	<.0000	<.0000
SDev	.0004	.0052	.019	.0095	.0188	.0360	.0037
%RSD	1.842	14.14	.5094	185.6	141.9	89.63	8.666
#1	.0188	<.0000	3.689	<.0000	<.0000	<.0000	<.0000
#2	.0195	<.0000	3.704	<.0000	<.0000	<.0000	<.0000
#3	.0195	<.0000	3.733	.0055	.0125	<.0000	<.0000
#4	.0195	<.0000	3.701	<.0000	<.0000	.0113	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.6633	.0088	<.0000	.0017			
SDev	.0139	.0255	.0015	.0002			
%RSD	2.090	288.9	44.91	10.03			
#1	.6564	<.0000	<.0000	.0018			
#2	.6563	.0195	<.0000	.0018			
#3	.6841	.0365	<.0000	.0015			
#4	.6564	.0025	<.0000	.0018			

Analysis Report

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page 1

Method: IECW Sample Name: 22655

Operator: it

Run Time: 09/18/01 14:46:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0343	.0041	.0158	<.0000	5.274
SDev	.0017	.0086	.0231	.0007	.0009	.0000	.020
%RSD	161.9	366.5	67.24	17.34	5.820	6.452	.3829

#1	<.0000	.0099	.0373	.0051	.0150	<.0000	5.274
#2	<.0000	<.0000	.0536	.0033	.0166	<.0000	5.259
#3	<.0000	<.0000	.0012	.0040	.0150	<.0000	5.261
#4	.0012	<.0000	.0450	.0040	.0166	<.0000	5.303

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0002	.0002	.0011	.0154	<.0000	1.171
SDev	.0006	.0017	.0030	.0006	.0009	.4102	.023
%RSD	62.79	803.6	1463.	51.46	5.537	24.82	1.992

#1	<.0000	<.0000	.0009	.0006	.0162	<.0000	1.194
#2	<.0000	.0021	<.0000	.0017	.0162	<.0000	1.139
#3	<.0000	.0012	<.0000	.0017	.0147	<.0000	1.170
#4	<.0000	<.0000	.0036	.0006	.0147	<.0000	1.182

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0244	<.0000	3.660	<.0000	<.0000	<.0000	.0011
SDev	.0004	.0063	.035	.0064	.0138	.0338	.0385
%RSD	1.470	22.57	.9447	1175.	1781.	110.2	3612.

#1	.0238	<.0000	3.650	<.0000	.0094	.0112	.0515
#2	.0245	<.0000	3.624	.0076	<.0000	<.0000	<.0000
#3	.0245	<.0000	3.707	.0015	<.0000	<.0000	.0060
#4	.0245	<.0000	3.659	<.0000	.0125	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6968	.0215	<.0000	.0015
SDev	.0069	.0609	.0009	.0010
%RSD	.9907	282.9	1668.	63.65

#1	.7025	.0877	.0008	.0008
#2	.6887	<.0000	<.0000	.0018
#3	.6933	<.0000	<.0000	.0028
#4	.7025	.0536	.0008	.0008

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Method: IECW Sample Name: 22656

Operator: it

Run Time: 09/18/01 14:49:03

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.1108	.0118	.0229	<.0000	20.77
SDev	.0012	.0102	.0288	.0014	.0013	.0000	.09
%RSD	27.27	52.42	25.97	12.17	5.686	6.792	.4166

#1	<.0000	<.0000	.1421	.0122	.0245	<.0000	20.77
#2	<.0000	<.0000	.0724	.0135	.0229	<.0000	20.84
#3	<.0000	<.0000	.1155	.0115	.0213	<.0000	20.83
#4	<.0000	<.0000	.1132	.0101	.0230	<.0000	20.65

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	<.0000	<.0000	<.0000	.0490	<.0000	6.903
SDev	.0004	.0027	.0013	.0024	.0022	.3785	.061
%RSD	37.58	96.42	2392.	186.9	4.491	31.72	.8822

#1	.0017	<.0000	.0014	<.0000	.0471	<.0000	6.912
#2	.0009	<.0000	<.0000	.0012	.0501	<.0000	6.954
#3	.0009	<.0000	.0005	<.0000	.0515	<.0000	6.930
#4	.0009	.0004	<.0000	.0002	.0472	<.0000	6.815

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0900	<.0000	26.88	.0039	<.0000	<.0000	.0228
SDev	.0003	.0034	.09	.0062	.0357	.0257	.0510
%RSD	.3942	10.21	.3241	161.2	126.9	205.9	223.6

#1	.0898	<.0000	26.93	.0102	<.0000	<.0000	.0489
#2	.0905	<.0000	26.79	<.0000	.0220	.0027	.0097
#3	.0898	<.0000	26.98	.0082	<.0000	.0028	.0750
#4	.0898	<.0000	26.83	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	2.396	.0807	<.0000	<.0000
SDev	.008	.1126	.0013	.0003
%RSD	.3324	139.6	117.1	94.78

#1	2.386	.1469	<.0000	<.0000
#2	2.395	.0272	<.0000	<.0000
#3	2.400	<.0000	<.0000	<.0000
#4	2.405	.1983	.0005	<.0000

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Method: IECW Sample Name: 22657

Operator: it

Run Time: 09/18/01 14:52:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0386	.0027	.0130	<.0000	5.405
SDev	.0019	.0158	.0122	.0010	.0008	.0000	.023
%RSD	50.73	784.6	31.69	35.11	6.135	6.452	.4313

#1	<.0000	.0086	.0503	.0033	.0134	<.0000	5.416
#2	<.0000	<.0000	.0354	.0023	.0134	<.0000	5.390
#3	<.0000	.0113	.0459	.0016	.0134	<.0000	5.381
#4	<.0000	<.0000	.0228	.0037	.0118	<.0000	5.432

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	<.0000	<.0000	.0009	.0099	<.0000	1.139
SDev	.0009	.0017	.0021	.0013	.0019	1.018	.010
%RSD	75.92	92.31	358.7	144.5	18.75	57.38	.8764

#1	.0020	.0006	<.0000	<.0000	.0117	<.0000	1.148
#2	.0012	<.0000	<.0000	.0006	.0103	<.0000	1.145
#3	.0020	<.0000	.0022	.0027	.0103	<.0000	1.133
#4	<.0000	<.0000	<.0000	.0006	.0073	<.0000	1.127

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0190	<.0000	3.730	.0050	<.0000	<.0000	<.0000
SDev	.0007	.0072	.014	.0030	.0031	.0393	.0130
%RSD	3.595	24.71	.3668	60.35	11.66	60.57	64.73

#1	.0195	<.0000	3.719	.0035	<.0000	<.0000	<.0000
#2	.0188	<.0000	3.719	.0096	<.0000	<.0000	<.0000
#3	.0195	<.0000	3.742	.0035	<.0000	<.0000	<.0000
#4	.0181	<.0000	3.742	.0035	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908 ✓	V_2924	Zn2138
Avge	.6552	<.0000	<.0000	.0011
SDev	.0122	.0454	.0013	.0003
%RSD	1.857	361.0	53.27	25.05

#1	.6470	<.0000	<.0000	.0011
#2	.6656	<.0000	<.0000	.0008
#3	.6656	.0451	<.0000	.0011
#4	.6424	.0024	<.0000	.0015

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page 1

Method: IECW Sample Name: ipc

Operator: it

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Comment:

Mode: CDNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.4824	1.045	.0121	.9319	.9185	.9500	.9627
SDev	.0016	.029	.0202	.0053	.0069	.0055	.0097
%RSD	.3287	2.769	167.3	.5658	.7564	.5750	1.012

#1	.4821	1.024	.0289	.9336	.9241	.9564	.9626
#2	.4808	1.020	<.0000	.9360	.9162	.9510	.9552
#3	.4846	1.082	.0261	.9242	.9241	.9493	.9765
#4	.4821	1.052	.0082	.9339	.9098	.9432	.9566

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.9377	.9402	.9458	.9033	.9756	<.0000	.9750
SDev	.0067	.0045	.0076	.0051	.0103	.7022	.0143
%RSD	.7106	.4760	.8060	.5607	1.056	148.1	1.464

#1	.9405	.9417	.9510	.9084	.9889	<.0000	.9947
#2	.9328	.9400	.9393	.9013	.9682	<.0000	.9766
#3	.9457	.9449	.9537	.9064	.9786	.1683	.9645
#4	.9316	.9342	.9393	.8972	.9667	<.0000	.9645

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.9358	.9074	1.037	.9635	.9495	.8384	<.0000
SDev	.0051	.0078	.018	.0098	.0270	.0329	.0033
%RSD	.5408	.8559	1.751	1.018	2.846	3.921	19.96

#1	.9392	.9069	1.019	.9713	.9801	.7927	<.0000
#2	.9364	.8968	1.060	.9602	.9519	.8537	<.0000
#3	.9392	.9109	1.028	.9713	.9517	.8688	<.0000
#4	.9285	.9149	1.043	.9510	.9142	.8384	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	1.005	.9955	.9396	.9373
SDev	.014	.0491	.0059	.0058
%RSD	1.377	4.927	.6291	.6166

#1	.9991	1.060	.9424	.9437
#2	.9899	.9400	.9359	.9375
#3	1.008	.9912	.9464	.9382
#4	1.022	.9912	.9335	.9296

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Method: IECW Sample Name: cb

Operator: it

Run Time: 09/18/01 14:59:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0035	.0109	.0424	.0005	.0008	<.0000	.0032
SDev	.0019	.0078	.0394	.0012	.0008	.0002	.0021
%RSD	54.54	71.66	92.86	240.6	100.2	158.7	65.80

#1	.0044	.0186	.0381	.0016	.0012	.0002	.0016
#2	.0044	.0013	<.0000	<.0000	.0012	<.0000	.0061
#3	.0006	.0080	.0446	.0012	.0012	<.0000	.0017
#4	.0044	.0159	.0917	.0005	<.0000	<.0000	.0033

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0015	.0028	.0011	<.0000	.0257
SDev	.0012	.0019	.0015	.0017	.0033	.0639	.0186
%RSD	147.0	5583.	102.0	59.39	298.1	124.0	72.53

#1	<.0000	.0025	.0016	.0028	<.0000	<.0000	.0287
#2	<.0000	<.0000	.0011	.0028	.0022	<.0000	.0378
#3	.0008	.0001	<.0000	.0008	.0037	<.0000	<.0000
#4	<.0000	<.0000	.0034	.0048	.0022	.3519	.0377

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	.0600	<.0000	<.0000	.0019	<.0000
SDev	.0004	.0086	.0456	.0023	.0295	.0274	.0583
%RSD	66.30	847.4	75.98	901.8	3602.	1465.	155.5

#1	<.0000	.0116	.0866	<.0000	.0344	<.0000	<.0000
#2	<.0000	<.0000	.1103	<.0000	.0031	.0190	<.0000
#3	<.0000	<.0000	.0244	.0018	<.0000	<.0000	<.0000
#4	<.0000	<.0000	.0185	.0018	<.0000	.0266	.0260

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0023	.0640	.0012	.0004
SDev	.0079	.0662	.0028	.0012
%RSD	348.2	103.4	227.9	273.1

#1	<.0000	.0896	.0024	.0009
#2	.0057	.1238	.0008	<.0000
#3	.0012	.0726	<.0000	<.0000
#4	.0103	<.0000	.0040	.0019

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Method: IECW Sample Name: icsA

Operator: it

Run Time: 09/18/01 15:04:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	475.6	<.0000	<.0000	<.0000	<.0000	461.1
SDev	.0022	3.5	.0833	.0021	.0018	.0000	3.5
%RSD	.3027	.7447	4.436	1.321	.7174	.3426	.7675

#1	<.0000	470.3	<.0000	<.0000	<.0000	<.0000	455.8
#2	<.0000	477.1	<.0000	<.0000	<.0000	<.0000	462.8
#3	<.0000	477.5	<.0000	<.0000	<.0000	<.0000	463.1
#4	<.0000	477.5	<.0000	<.0000	<.0000	<.0000	462.7

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	186.8	<.0000	481.3
SDev	.0020	.0015	.0019	.0018	1.0	.4367	3.0
%RSD	1.327	.3324	.2582	.3419	.5412	7.030	.6195

#1	<.0000	<.0000	<.0000	<.0000	185.3	<.0000	476.8
#2	<.0000	<.0000	<.0000	<.0000	187.5	<.0000	483.0
#3	<.0000	<.0000	<.0000	<.0000	187.3	<.0000	482.6
#4	<.0000	<.0000	<.0000	<.0000	187.0	<.0000	482.7

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0480	<.0000	<.0000	<.0000	<.0000	<.0000
SDev	.0007	.0088	.0153	.0108	.0232	.0823	.1158
%RSD	.5547	18.23	210.0	1.762	.4810	2.305	34.75

#1	<.0000	.0485	.0119	<.0000	<.0000	<.0000	<.0000
#2	<.0000	.0561	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	.0518	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.0357	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0085	.0802	.0017	.0015
%RSD	2.338	2.424	.2874	1.026

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

Analysis Report

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Method: IECW Sample Name: icsAB

Operator: it

Run Time: 09/18/01 15:09:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.9863	472.1	<.0000	<.0000	.4388	.4334	456.4
SDev	.0031	2.1	.0651	.0024	.0036	.0014	3.4
%RSD	.3185	.4503	3.533	2.147	.8111	.3269	.7445

#1	.9902	475.1	<.0000	<.0000	.4442	.4349	461.5
#2	.9828	470.3	<.0000	<.0000	.4371	.4318	454.6
#3	.9872	472.1	<.0000	<.0000	.4570	.4342	455.1
#4	.9853	470.9	<.0000	<.0000	.4371	.4326	454.4

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9432	.4551	.4852	.4351	184.9	<.0000	477.3
SDev	.0057	.0052	.0015	.0016	.8	.3014	1.8
%RSD	.6016	1.133	.3106	.3775	.4434	4.876	.3849

#1	.9375	.4622	.4868	.4349	186.0	<.0000	479.7
#2	.9491	.4516	.4832	.4331	184.3	<.0000	475.6
#3	.9393	.4554	.4849	.4371	184.8	<.0000	477.7
#4	.9470	.4510	.4857	.4352	184.3	<.0000	476.1

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.4365	.0515	.0455	1.010	1.007	.0777	<.0000
SDev	.0015	.0102	.0391	.025	.020	.0721	.1019
%RSD	.3440	19.87	85.87	2.475	1.953	92.83	27.35

#1	.4387	.0536	.0440	.9977	1.013	.1768	<.0000
#2	.4356	.0366	.0127	.9866	1.026	.0090	<.0000
#3	.4354	.0596	.1009	1.010	.9796	.0796	<.0000
#4	.4363	.0564	.0245	1.044	1.009	.0453	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	1.682	.4469	.8983
SDev	.0068	.094	.0019	.0043
%RSD	2.455	5.571	.4186	.4813

#1	<.0000	1.706	.4492	.8977
#2	<.0000	1.797	.4473	.8949
#3	<.0000	1.654	.4447	.9046
#4	<.0000	1.573	.4465	.8962