11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

ICP ID Number: P1 Date: 1/31/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn	Th		
Aluminum	308.20	0.0000000	0.0000000	0.0000000		
Antimony	206.80	0.0000000	0.0000000	0.0000000		
Arsenic	189.00	0.0000000	0.0000000	0.0000000		
Barium	493.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.00	0.0000000	0.0000000	0.0000000		
Cadmium	226.50	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Chromium	267.70	-0.0018200	0.0000000	0.0000000		
Cobalt	228.60	0.0000000	0.0000000	0.0000000		
Copper	324.70	0.0000000	0.0006000	0.0000000		
Iron	271.40	-0.0000400	0.0006000	0.0000000		
Lead	220.40	0.0000000	0.0000000	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Manganese	257.60	0.0000000	0.0000000	0.0000000		
Nickel	231.60	0.0000000	0.0000000	0.0000000		
Potassium	766.50	0.0000000	0.0000000	0.0000000		
Selenium	196.00	0.0000000	0.0000000	0.0000000		
Silver	328.00	0.0000000	0.0000000	0.0000000		
Sodium	588.90	0.0000000	0.0000000	0.0000000		
Thallium	190.90	0.0000000	0.0000000	0.0000000		
Vanadium	292.40	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

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ICP INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

ICP ID Number: P1 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	519000	514000	478272	488167.1	95.0			
Antimony	0	518	-8	545.9	105.4			
Arsenic	0	102	4	90.2	88.4			
Barium	0	456	-12	483.3	106.0			
Beryllium	0	458	0	442.7	96.7			
Cadmium	0	910	1	847.5	93.1			
Calcium	491900	489000	426373	433211.1	88.6			
Chromium	20	455	17	432.0	94.9			
Cobalt	0	430	-4	408.2	94.9			
Copper	0	506	-1	450.1	89.0			
Iron	195000	194600	165844	167585.0	86.1			
Lead	0	49	-2	40.2	82.0			
Magnesium	542000	540600	480968	486974.0	90.1			
Manganese	0	438	0	433.1	98.9			
Nickel	0	846	-5	806.3	95.3			
Potassium	0	0	213	218.9				
Selenium	0	47	-7	39.2	83.4			
Silver	0	196	-13	182.3	93.0			
Sodium	0	0	-625	-182.8				
Thallium	0	89	-1	77.6	87.2			
Vanadium	0	452	-5	442.8	98.0			
Zinc	0	958	-5	914.7	95.5			

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PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Method: CV

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
FIELDBLANK	4/27/04	40.0	40.0
PB13911BL	4/27/04	40.0	40.0
SWDOWNGRADIENT	4/27/04	40.0	40.0
SWDOWNGRADIENTDUP	4/27/04	40.0	40.0
SWDOWNGRADIENTDUPD	4/27/04	40.0	40.0
SWDOWNGRADIENTDUPS	4/27/04	40.0	40.0
SWDOWNGRADIENTDUPSD	4/27/04	40.0	40.0
SWUPGRADIENT	4/27/04	40.0	40.0

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PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Method: P

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
FIELDBLANK	4/23/04	100.0	100.0
MW-204-QA	4/23/04	100.0	100.0
MW-204-QAD	4/23/04	100.0	100.0
MW-204-QAS	4/23/04	100.0	100.0
MW-204-QASD	4/23/04	100.0	100.0
PB13855BL	4/23/04	100.0	100.0
PB13855BS	4/23/04	100.0	100.0
SWDOWNGRADIENT	4/23/04	100.0	100.0
SWDOWNGRADIENTDUP	4/23/04	100.0	100.0
SWUPGRADIENT	4/23/04	100.0	100.0

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Instrument ID Number: CV1 Method: CV

Start Date: 4/28/04 End Date: 4/28/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0901																X									
S0.2	1.00	0903																X									
S1.0	1.00	0905																X									
S2.5	1.00	0908																X									
S5.0	1.00	0910																X									
S10.0	1.00	0913																X									
ICV01	1.00	0915																X									
ICB01	1.00	0918																X									
CCV01	1.00	0920																X									
CCB01	1.00	0923																X									
CRI01	1.00	0925																X									
ZZZZZZ	1.00	0928																									
ZZZZZZ	1.00	0930																									
ZZZZZZ	1.00	0932																									
PB13911BL	1.00	0935																X									
ZZZZZZ	1.00	0937																									
ZZZZZZ	1.00	0940																									
ZZZZZZ	1.00	0942																									
ZZZZZZ	1.00	0945																									
ZZZZZZ	1.00	0947																									
CCV02	1.00	0950																X									
CCB02	1.00	0952																X									
ZZZZZZ	1.00	0955																									
ZZZZZZ	5.00	0957																									
ZZZZZZ	1.00	1000																									
ZZZZZZ	1.00	1002																									
ZZZZZZ	1.00	1005																									
ZZZZZZ	1.00	1007																									
ZZZZZZ	1.00	1009																									
ZZZZZZ	1.00	1012																									
ZZZZZZ	1.00	1014																									
ZZZZZZ	1.00	1017																									
CCV03	1.00	1019																X									
CCB03	1.00	1022																X									
ZZZZZZ	1.00	1025																									
ZZZZZZ	1.00	1028																									
ZZZZZZ	1.00	1030																									
ZZZZZZ	1.00	1033																									

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Instrument ID Number: CV1 Method: CV

Start Date: 4/28/04 End Date: 4/28/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1035																									
ZZZZZZ	1.00	1038																									
ZZZZZZ	1.00	1040																									
SWUPGRADIENT	1.00	1043																X									
SWDOWNGRADIENT	1.00	1045																X									
SWDOWNGRADIENTDUP	1.00	1048																X									
CCV04	1.00	1050																X									
CCB04	1.00	1052																X									
SWDOWNGRADIENTDUPD	1.00	1055																X									
SWDOWNGRADIENTDUPS	1.00	1058																X									
SWDOWNGRADIENTDUPSD	1.00	1100																X									
SWDOWNGRADIENTDUPL	5.00	1102																X									
SWDOWNGRADIENTDUPA	1.00	1105																X									
FIELDBLANK	1.00	1107																X									
ZZZZZZ	1.00	1110																									
ZZZZZZ	1.00	1112																									
CCV05	1.00	1115																X									
CCB05	1.00	1117																X									

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Instrument ID Number: P1 Method: P

Start Date: 4/29/04 End Date: 4/29/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1032		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S1	1.00	1035		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S2	1.00	1037		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S3	1.00	1039		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
HMS	1.00	1053		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
HS	1.00	1057		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV01	1.00	1109		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB01	1.00	1112		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI01	1.00	1116			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICS-A01	1.00	1119		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB01	1.00	1121		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1126																									
CCV01	1.00	1129		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB01	1.00	1131		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1135																									
ZZZZZZ	1.00	1141																									
ZZZZZZ	1.00	1144																									
ZZZZZZ	1.00	1145																									
ZZZZZZ	5.00	1147																									
ZZZZZZ	1.00	1150																									
ZZZZZZ	1.00	1152																									
ZZZZZZ	1.00	1154																									
PB13855BL	1.00	1157		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
PB13855BS	1.00	1159		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV02	1.00	1201		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB02	1.00	1203		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
FIELDBLANK	1.00	1206		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1208																									
ZZZZZZ	1.00	1210																									
MW-204-QA	1.00	1214		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-204-QAD	1.00	1216		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-204-QAL	5.00	1218		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-204-QAS	1.00	1221		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-204-QASD	1.00	1223		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1233																									
ZZZZZZ	1.00	1235																									
CCV03	1.00	1238		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB03	1.00	1240		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Instrument ID Number: P1 Method: P

Start Date: 4/29/04 End Date: 4/29/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SWUPGRADIENT	1.00	1244		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SWDOWNGRADIENT	1.00	1247		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SWDOWNGRADIENTDUP	1.00	1249		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1251																									
ZZZZZZ	1.00	1253																									
ZZZZZZ	1.00	1255																									
ZZZZZZ	1.00	1257																									
ZZZZZZ	1.00	1259																									
ZZZZZZ	1.00	1301																									
ZZZZZZ	1.00	1303																									
CCV04	1.00	1304		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB04	1.00	1306		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1309																									
ZZZZZZ	1.00	1312																									
ZZZZZZ	1.00	1314																									
ZZZZZZ	1.00	1316																									
ZZZZZZ	1.00	1318																									
ZZZZZZ	1.00	1321																									
ZZZZZZ	1.00	1324																									
ZZZZZZ	1.00	1326																									
ZZZZZZ	1.00	1328																									
ZZZZZZ	1.00	1330																									
CCV05	1.00	1332		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB05	1.00	1334		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1337																									
ZZZZZZ	1.00	1339																									
ZZZZZZ	1.00	1342																									
ZZZZZZ	1.00	1344																									
ZZZZZZ	1.00	1346																									
ZZZZZZ	5.00	1348																									
ZZZZZZ	1.00	1350																									
ZZZZZZ	1.00	1352																									
ZZZZZZ	1.00	1354																									
ZZZZZZ	1.00	1356																									
CCV06	1.00	1401		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB06	1.00	1404		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1406																									
ZZZZZZ	1.00	1408																									

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Instrument ID Number: P1 Method: P

Start Date: 4/29/04 End Date: 4/29/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1410																									
ZZZZZZ	1.00	1412																									
ZZZZZZ	1.00	1414																									
ZZZZZZ	1.00	1416																									
ZZZZZZ	1.00	1418																									
ZZZZZZ	1.00	1421																									
ZZZZZZ	1.00	1423																									
ZZZZZZ	1.00	1425																									
CCV07	1.00	1427		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB07	1.00	1429		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1435																									
ZZZZZZ	1.00	1437																									
ZZZZZZ	1.00	1439																									
ZZZZZZ	1.00	1441																									
ZZZZZZ	1.00	1443																									
ZZZZZZ	1.00	1445																									
ZZZZZZ	5.00	1447																									
ZZZZZZ	1.00	1449																									
ZZZZZZ	1.00	1451																									
ZZZZZZ	1.00	1453																									
CCV08	1.00	1455		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB08	1.00	1457		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1459																									
ZZZZZZ	1.00	1502																									
ZZZZZZ	1.00	1504																									
ZZZZZZ	1.00	1507																									
ZZZZZZ	1.00	1509																									
ZZZZZZ	1.00	1510																									
ZZZZZZ	1.00	1512																									
ZZZZZZ	1.00	1514																									
ZZZZZZ	1.00	1516																									
ZZZZZZ	1.00	1518																									
CCV09	1.00	1528		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB09	1.00	1537		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1539																									
ZZZZZZ	1.00	1541																									
ZZZZZZ	1.00	1543																									
ZZZZZZ	5.00	1548																									

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2254 SAS No.: S2254 SDG No.: S2254

Instrument ID Number: P1 Method: P

Start Date: 4/29/04 End Date: 4/29/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1550																									
ZZZZZZ	1.00	1552																									
ZZZZZZ	1.00	1554																									
ZZZZZZ	1.00	1556																									
ZZZZZZ	1.00	1557																									
ZZZZZZ	1.00	1600																									
CCV10	1.00	1602		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB10	1.00	1605		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1607																									
ZZZZZZ	1.00	1609																									
ZZZZZZ	1.00	1613																									
ZZZZZZ	1.00	1615																									
CCV11	1.00	1625		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB11	1.00	1630		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1645																									
ZZZZZZ	1.00	1647																									
ZZZZZZ	1.00	1650																									
ZZZZZZ	1.00	1652																									
ZZZZZZ	10.00	1654																									
ZZZZZZ	10.00	1656																									
ZZZZZZ	10.00	1658																									
ZZZZZZ	10.00	1700																									
CCV12	1.00	1722		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB12	1.00	1727		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

CHEMTECH

METALS
RAW DATA

Standardization Rpt. 04/29/04 10:35:09 AM page 1

Method: 6010B Standard: S0
Run Time: 04/29/04 10:32:05

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	.02193	.00007	.05913	.02193	.01767	.13773	.01620
SDev	.00443	.00500	.00104	.00217	.00009	.00660	.00028
%RSD	20.203	7495.3	1.7538	9.8866	.53367	4.7916	1.7459
#1	.01880	.00360	.05987	.02347	.01773	.14240	.01640
#2	.02507	-.00347	.05840	.02040	.01760	.13307	.01600

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	.00800	.01273	.04007	.00280	.01620	.01107	.02980
SDev	.00113	.00066	.00028	.00226	.00104	.00132	.00783
%RSD	14.142	5.1830	.70593	80.812	6.4018	11.927	26.259
#1	.00720	.01320	.03987	.00440	.01693	.01200	.02427
#2	.00880	.01227	.04027	.00120	.01547	.01013	.03533

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	.00547	.05647	.00213	.01867	-.55727	.02267	.02760
SDev	.00207	.01405	.00019	.00302	.00066	.00019	.00528
%RSD	37.942	24.878	8.8388	16.162	.11843	.83189	19.129
#1	.00400	.06640	.00227	.02080	-.55680	.02253	.03133
#2	.00693	.04653	.00200	.01653	-.55773	.02280	.02387

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	.23167	.13267	.04220	.04027	.10280	.09280	.02893
SDev	.06100	.03394	.01254	.01282	.03413	.03168	.00264
%RSD	26.331	25.584	29.714	31.843	33.200	34.136	9.1240
#1	.27480	.15667	.05107	.04933	.12693	.11520	.03080
#2	.18853	.10867	.03333	.03120	.07867	.07040	.02707

Elem	Sn1899	Si2881
Avge	.06287	.07673
SDev	.00481	.00481
%RSD	7.6484	6.2663
#1	.06627	.08013
#2	.05947	.07333

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Method: 6010B Standard: S1
Run Time: 04/29/04 10:35:15

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	8.1493	3.5669	1.3522	9.0710	1.5938	41.325	5.4137
SDev	.0246	.0303	.0037	.0125	.0035	.053	.0109
%RSD	.30196	.84848	.27193	.13823	.21887	.12753	.20202
#1	8.1667	3.5455	1.3548	9.0799	1.5963	41.362	5.4215
#2	8.1319	3.5883	1.3496	9.0621	1.5913	41.288	5.4060

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	2.5187	3.7228	1.0691	.21880	5.2971	4.8215	12.395
SDev	.0047	.0047	.0047	.00094	.0100	.0161	.049
%RSD	.18716	.12663	.44095	.43090	.18867	.33438	.39554
#1	2.5220	3.7261	1.0724	.21947	5.3041	4.8329	12.429
#2	2.5153	3.7195	1.0657	.21813	5.2900	4.8101	12.360

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	1.4997	2.0943	1.0255	3.0487	1.3528	5.1903	9.2557
SDev	.0001	.0319	.0040	.0038	.0041	.0024	.0312
%RSD	.00628	1.5216	.38614	.12370	.30665	.04541	.33717
#1	1.4997	2.1168	1.0283	3.0513	1.3557	5.1920	9.2336
#2	1.4996	2.0717	1.0227	3.0460	1.3499	5.1887	9.2777

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	34.403	21.455	7.8153	6.9253	13.346	3.8710	11.531
SDev	.111	.066	.0071	.0444	.042	.0231	.020
%RSD	.32392	.30980	.09048	.64122	.31436	.59671	.17498
#1	34.482	21.408	7.8203	6.8939	13.317	3.8547	11.545
#2	34.324	21.502	7.8103	6.9567	13.376	3.8873	11.516

Elem	Sn1899	Si2881
Avge	12.408	1.6717
SDev	.020	.0076
%RSD	.15957	.45683
#1	12.422	1.6771
#2	12.394	1.6663

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Method: 6010B Standard: S2
Run Time: 04/29/04 10:37:10

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	16.176	7.1210	2.6681	17.912	3.1511	81.409	10.662
SDev	.012	.0071	.0047	.018	.0032	.076	.001
%RSD	.07286	.09930	.17668	.10264	.10173	.09335	.00885
#1	16.167	7.1260	2.6715	17.925	3.1488	81.355	10.663
#2	16.184	7.1160	2.6648	17.899	3.1533	81.463	10.661

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	4.9756	7.3391	2.0875	.43033	10.400	9.5687	24.344
SDev	.0051	.0066	.0010	.00047	.004	.0026	.051
%RSD	.10232	.08992	.04967	.10954	.03898	.02759	.20875
#1	4.9720	7.3344	2.0868	.43000	10.397	9.5668	24.308
#2	4.9792	7.3437	2.0883	.43067	10.403	9.5705	24.380

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	2.9671	4.2606	2.0346	5.9893	3.7072	10.006	17.875
SDev	.0034	.0225	.0001	.0082	.0115	.017	.087
%RSD	.11439	.52887	.00464	.13695	.31027	.17243	.48840
#1	2.9647	4.2765	2.0347	5.9835	3.7153	9.9939	17.814
#2	2.9695	4.2447	2.0345	5.9951	3.6991	10.018	17.937

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	67.641	42.204	15.462	13.661	26.248	7.6722	22.643
SDev	.196	.158	.075	.072	.085	.0478	.000
%RSD	.28950	.37352	.48354	.52519	.32471	.62303	.00166
#1	67.503	42.093	15.409	13.611	26.188	7.6384	22.642
#2	67.780	42.315	15.515	13.712	26.308	7.7060	22.643

Elem	Sn1899	Si2881
Avge	24.349	3.2073
SDev	.055	.0049
%RSD	.22574	.15285
#1	24.311	3.2039
#2	24.388	3.2108

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Method: 6010B Standard: S
Run Time: 04/29/04 10:39:16

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	31.277	13.566	5.1255	34.149	6.0848	155.63	20.410
SDev	.021	.030	.0084	.023	.0085	.17	.016
%RSD	.06692	.22031	.16372	.06626	.13945	.10813	.07992
#1	31.263	13.587	5.1196	34.133	6.0788	155.51	20.399
#2	31.292	13.545	5.1315	34.165	6.0908	155.75	20.422

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	9.5678	14.117	4.0469	.82140	19.862	18.443	46.586
SDev	.0127	.018	.0044	.00066	.019	.018	.045
%RSD	.13303	.12422	.10950	.08035	.09779	.09968	.09714
#1	9.5588	14.105	4.0437	.82093	19.848	18.430	46.554
#2	9.5768	14.129	4.0500	.82187	19.876	18.456	46.618

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	5.7562	8.8399	3.9355	11.403	8.4909	19.635	35.070
SDev	.0110	.0321	.0008	.016	.0077	.074	.073
%RSD	.19163	.36263	.02156	.14138	.09105	.37598	.20781
#1	5.7484	8.8625	3.9349	11.392	8.4855	19.582	35.018
#2	5.7640	8.8172	3.9361	11.415	8.4964	19.687	35.121

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	130.01	81.011	30.060	26.560	50.588	14.968	43.779
SDev	.41	.226	.126	.117	.129	.080	.048
%RSD	.31326	.27897	.41871	.44195	.25458	.53604	.10897
#1	129.73	80.851	29.971	26.477	50.497	14.911	43.745
#2	130.30	81.171	30.149	26.643	50.679	15.025	43.812

Elem	Sn1899	Si2881
Avge	46.657	6.0560
SDev	.036	.0405
%RSD	.07739	.66943
#1	46.631	6.0273
#2	46.683	6.0847

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Method: 6010B

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000338	.000338
		S1	2.50000	2.53686	-.036864
		S2	5.00000	5.04251	-.042515
		S	10.0000	9.75702	.242985

CorCoef: 0.99981

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000421	.000421
		S1	2.50000	2.55198	-.051985
		S2	5.00000	5.09533	-.095326
		S	10.0000	9.70752	.292482

CorCoef: 0.99961

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentrati
Sb2068	206.838	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000304	.000304
		S1	5.00000	5.00217	-.002173
		S2	10.0000	10.0931	-.093113
		S	20.0000	19.6000	.399965

CorCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.001021	.001021
		S1	5.00000	5.11670	-.116703
		S2	10.0000	10.1168	-.116793
		S	20.0000	19.2999	.700102

CorCoef: 0.99961

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000017	.000017
		S1	.125000	.129629	-.004629
		S2	.250000	.257723	-.007723
		S	.500000	.499039	.000961

CorCoef: 0.99982

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000253	.000253
		S1	1.25000	1.27967	-.029666
		S2	2.50000	2.52529	-.025295
		S	5.00000	4.83165	.168355

CorCoef: 0.99965

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.002503	.002503
		S1	12.5000	12.7943	-.294287
		S2	25.0000	25.2369	-.236872
		S	50.0000	48.3491	1.65089

CorCoef: 0.99967

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000086	.000086
		S1	.500000	.510341	-.010341
		S2	1.00000	1.00984	-.009843
		S	2.00000	1.94345	.056548

CorCoef: 0.99974

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2296	229.616	S0	.000000	-.000224	.000224
		S1	1.25000	1.27665	-.026648
		S2	2.50000	2.52124	-.021237
		S	5.00000	4.85394	.146065

CorCoef: 0.99974

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000058	.000058
		S1	.625000	.630680	-.005680
		S2	1.25000	1.25496	-.004961
		S	2.50000	2.45596	.044042

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000471	.000471
		S1	2.50000	2.57139	-.071390
		S2	5.00000	5.09007	-.090067
		S	10.0000	9.74641	.253593

CorCoef: 0.99967

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000276	.000276
		S1	1.25000	1.28311	-.033109
		S2	2.50000	2.52317	-.023170
		S	5.00000	4.82272	.177275

CorCoef: 0.99963

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.001848	.001848
		S1	12.5000	12.7054	-.205436
		S2	25.0000	25.2454	-.245419
		S	50.0000	48.6874	1.31258

CorCoef: 0.99978

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000268	.000268
		S1	1.25000	1.28223	-.032227
		S2	2.50000	2.52156	-.021560
		S	5.00000	4.82857	.171428

CorCoef: 0.99965

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000084	.000084
		S1	.625000	.634424	-.009424
		S2	1.25000	1.25755	-.007552
		S	2.50000	2.44195	.058050

CorCoef: 0.99985

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.003425	-.003425
		S1	12.5000	12.0629	.437121
		S2	25.0000	24.8830	.117022
		S	50.0000	51.9825	-1.98252

CorCoef: 0.99965

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000172	.000172
		S1	1.25000	1.26837	-.018373
		S2	2.50000	2.51932	-.019316
		S	5.00000	4.87575	.124247

CorCoef: 0.99982

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000275	.000275
		S1	1.25000	1.28755	-.037548
		S2	2.50000	2.53737	-.037374
		S	5.00000	4.83851	.161489

CorCoef: 0.99959

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.008054	-.008054
		S1	12.5000	11.3654	1.13462
		S2	25.0000	25.3647	-.364737
		S	50.0000	53.8090	-3.80900

CorCoef: 0.99898

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2068-2	206.832	S0	.000000	-.000511	.000511
		S1	2.50000	2.57501	-.075007
		S2	5.00000	4.97513	.024875
		S	10.0000	9.77390	.226101

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2068-1	206.831	S0	.000000	-.000502	.000502
		S1	2.50000	2.56403	-.064032
		S2	5.00000	4.95949	.040512
		S	10.0000	9.73790	.262105

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203-1	220.351	S0	.000000	-.000457	.000457
		S1	2.50000	2.55151	-.051514
		S2	5.00000	5.03379	-.033792
		S	10.0000	9.69194	.308061

CorCoef: 0.99974

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203-2	220.352	S0	.000000	-.000468	.000468
		S1	2.50000	2.55403	-.054027
		S2	5.00000	5.03980	-.039804
		S	10.0000	9.68898	.311018

CorCoef: 0.99972

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960-1	196.021	S0	.000000	-.000308	.000308
		S1	2.50000	2.53633	-.036332
		S2	5.00000	5.03177	-.031767
		S	10.0000	9.79564	.204362

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960-2	196.022	S0	.000000	-.000336	.000336
		S1	2.50000	2.54015	-.040154
		S2	5.00000	5.02566	-.025665
		S	10.0000	9.78499	.215014

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000426	.000426
		S1	2.50000	2.55075	-.050753
		S2	5.00000	5.03608	-.036077
		S	10.0000	9.72483	.275167

CorCoef: 0.99978

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000125	.000125
		S1	2.50000	2.51056	-.010562
		S2	5.00000	5.03653	-.036532
		S	10.0000	9.88469	.115313

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000453	.000453
		S1	2.50000	2.55606	-.056058
		S2	5.00000	5.02594	-.025943
		S	10.0000	9.72388	.276119

CorCoef: 0.99979

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000515	.000515
		S1	2.50000	2.56195	-.061950
		S2	5.00000	5.04061	-.040612
		S	10.0000	9.67097	.329025

CorCoef: 0.99968

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000576	.000576
		S1	2.50000	2.56945	-.069452
		S2	5.00000	5.04398	-.043979
		S	10.0000	9.63423	.365766

CorCoef: 0.99961

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Analysis Report QC Standard 04/29/04 10:56:46 AM page 1

Method: 6010B Sample Name: HMS Operator: DR
Run Time: 04/29/04 10:53:37
Comment: HMS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7142	9.6378	9.6329	9.7743	9.7319	19.499	19.210
SDev	.0017	.0052	.0393	.0322	.0342	.071	.041
%RSD	.01733	.05383	.40848	.32973	.35105	.36545	.21511
#1	9.7131	9.6414	9.6050	9.7515	9.7077	19.449	19.180
#2	9.7154	9.6341	9.6607	9.7971	9.7561	19.550	19.239

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48634	4.8044	47.987	1.9265	4.8118	2.4397	9.5621
SDev	.00078	.0070	.083	.0027	.0080	.0057	.0189
%RSD	.16086	.14647	.17282	.13814	.16654	.23477	.19801
#1	.48579	4.7994	47.928	1.9246	4.8061	2.4356	9.5487
#2	.48689	4.8094	48.045	1.9284	4.8175	2.4437	9.5755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7913	48.295	4.7984	2.4400	52.087	4.8392	4.7951
SDev	.0079	.099	.0060	.0057	.265	.0110	.0083
%RSD	.16401	.20524	.12533	.23317	.50881	.22713	.17225
#1	4.7858	48.225	4.7942	2.4359	52.274	4.8315	4.7893
#2	4.7969	48.365	4.8027	2.4440	51.900	4.8470	4.8009

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.673	9.7445	9.7034	9.6406	9.6269	9.7722	9.7737
SDev	.282	.0405	.0214	.0322	.0433	.0453	.0259
%RSD	.57957	.41603	.22045	.33414	.45015	.46343	.26449
#1	48.474	9.7159	9.6883	9.6178	9.5963	9.7402	9.7554
#2	48.873	9.7732	9.7185	9.6634	9.6575	9.8043	9.7919

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	9.6996	9.8852	9.6390	9.5964	9.6584
SDev	.0125	.0244	.0168	.0134	.0387
%RSD	.12902	.24655	.17436	.14010	.40110
#1	9.6907	9.8680	9.6271	9.5869	9.6310
#2	9.7084	9.9025	9.6509	9.6060	9.6858

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Method: 6010B Sample Name: HMS/100 Operator: DR
Run Time: 04/29/04 10:57:36
Comment: HMS/100
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09689	.09894	.09269	.09618	.09833	.18605	.19451
SDev	.00074	.00020	.00000	.00451	.00219	.00328	.00048
%RSD	.75993	.20409	.00192	4.6860	2.2235	1.7640	.24681
#1	.09637	.09908	.09269	.09936	.09988	.18373	.19485
#2	.09741	.09880	.09269	.09299	.09679	.18837	.19417

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00479	.04864	.49032	.01940	.04845	.01898	.09569
SDev	.00002	.00030	.00156	.00017	.00029	.00127	.01796
%RSD	.31343	.61335	.31911	.88940	.60298	6.7070	18.773
#1	.00480	.04843	.49143	.01928	.04825	.01808	.08299
#2	.00477	.04885	.48921	.01952	.04866	.01988	.10839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04946	.48949	.04926	.02428	-.11454	.04813	.04831
SDev	.00002	.00199	.00068	.00119	.00335	.00023	.00040
%RSD	.04684	.40704	1.3904	4.9154	2.9227	.48351	.83605
#1	.04948	.49090	.04974	.02512	-.11691	.04829	.04860
#2	.04944	.48808	.04878	.02343	-.11217	.04797	.04803

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31170	.09630	.09921	.09634	.08867	.09347	.09583
SDev	.00953	.00583	.00511	.00202	.00101	.01292	.00045
%RSD	3.0575	6.0522	5.1485	2.0999	1.1360	13.825	.46699
#1	.31844	.10042	.09560	.09777	.08796	.10260	.09615
#2	.30496	.09218	.10282	.09491	.08939	.08433	.09552

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.08849	.07102	.09533	.09472	.09922
SDev	.00131	.00313	.00000	.00100	.00121
%RSD	1.4777	4.4106	.00000	1.0537	1.2249
#1	.08942	.07324	.09533	.09401	.10008
#2	.08757	.06881	.09533	.09542	.09836

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Analysis Report QC Standard 04/29/04 11:11:13 AM page 1

Method: 6010B Sample Name: ICV Operator: DR
Run Time: 04/29/04 11:09:05
Comment: ICV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95611	.98614	.98654	.99635	.96295	2.5012	.49420
SDev	.00280	.00282	.00937	.00924	.00648	.0021	.00059
%RSD	.29251	.28603	.94967	.92765	.67280	.08492	.11869
#1	.95809	.98814	.97991	.98982	.95837	2.4996	.49461
#2	.95413	.98415	.99316	1.0029	.96753	2.5027	.49378

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48198	.49352	9.9129	.53439	.49676	.47638	5.4776
SDev	.00100	.00101	.0134	.00044	.00013	.00058	.0037
%RSD	.20744	.20483	.13530	.08220	.02616	.12124	.06722
#1	.48269	.49424	9.9224	.53470	.49667	.47679	5.4750
#2	.48127	.49281	9.9034	.53408	.49685	.47597	5.4802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51005	5.9301	.50349	.49958	9.6782	.48263	1.0075
SDev	.00094	.0354	.00083	.00056	.1164	.00731	.0022
%RSD	.18416	.59637	.16538	.11178	1.2025	1.5154	.21842
#1	.51071	5.9551	.50407	.49998	9.5959	.48781	1.0091
#2	.50938	5.9051	.50290	.49919	9.7605	.47746	1.0060

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.3872	.95922	.96722	.99601	.98001	1.0022	.99186
SDev	.0474	.00207	.01531	.00112	.01460	.0065	.01708
%RSD	.50527	.21569	1.5830	.11241	1.4903	.64466	1.7223
#1	9.3537	.95776	.95640	.99680	.96968	1.0067	.97978
#2	9.4208	.96069	.97805	.99522	.99033	.99759	1.0039

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9601	4.8748	4.9376	4.7635	5.0544
SDev	.0074	.0479	.0054	.0076	.0090
%RSD	.15012	.98190	.10907	.15898	.17733
#1	4.9548	4.8409	4.9414	4.7689	5.0607
#2	4.9653	4.9086	4.9338	4.7582	5.0481

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Analysis Report QC Standard 04/29/04 11:15:49 AM page 1

Method: 6010B Sample Name: ICB Operator: DR
Run Time: 04/29/04 11:12:06
Comment: ICB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00118	-.00069	-.00023	-.00472	-.01917	-.01252
SDev	.00041	.00054	.00217	.00119	.00140	.00512	.00011
%RSD	358.26	45.776	312.90	512.17	29.673	26.691	.85274
#1	-.00040	.00080	.00084	-.00107	-.00373	-.01555	-.01244
#2	.00018	.00157	-.00223	.00061	-.00571	-.02279	-.01260

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00437	-.03080	-.00131	-.00353	-.00644	-.02980
SDev	.00004	.00006	.00134	.00050	.00075	.00121	.01236
%RSD	18.979	1.2814	4.3551	38.173	21.154	18.843	41.475
#1	-.00020	-.00433	-.02985	-.00095	-.00300	-.00558	-.03854
#2	-.00027	-.00441	-.03174	-.00166	-.00405	-.00730	-.02106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00309	-.02879	-.00283	-.00174	-.22067	-.00274	-.00510
SDev	.00002	.00324	.00068	.00104	.34760	.00082	.00052
%RSD	.73274	11.245	23.885	59.597	157.52	29.900	10.230
#1	-.00308	-.02650	-.00235	-.00101	.02512	-.00216	-.00473
#2	-.00311	-.03108	-.00330	-.00247	-.46645	-.00332	-.00547

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03753	-.00745	-.00246	-.00430	-.00090	.00106	-.00257
SDev	.02803	.00052	.00318	.00172	.00412	.00788	.00201
%RSD	74.681	6.9218	128.89	40.161	459.76	745.98	78.130
#1	-.01771	-.00708	-.00022	-.00552	.00202	-.00452	-.00115
#2	-.05735	-.00781	-.00471	-.00308	-.00381	.00663	-.00400

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01671	-.04345	-.00568	-.00680	-.01583
SDev	.00094	.00100	.00036	.00010	.00623
%RSD	5.6518	2.3070	6.2680	1.4394	39.348
#1	-.01604	-.04274	-.00543	-.00673	-.01143
#2	-.01738	-.04416	-.00594	-.00687	-.02023

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Analysis Report QC Standard 04/29/04 11:18:49 AM page 1

Method: 6010B Sample Name: CRI Operator: DR
Run Time: 04/29/04 11:16:17
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02205	.02478	.00526	.00929	.11327	.36680	.39441
SDev	.00109	.00350	.00265	.00178	.00361	.00447	.00208
%RSD	4.9315	14.123	50.359	19.114	3.1879	1.2181	.52725
#1	.02128	.02231	Q.00339	.00803	.11072	.36995	.39588
#2	.02282	Q.02726	.00713	.01054	.11582	.36364	.39294

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00948	.00974	9.9663	.02098	.09209	.04480	.19750
SDev	.00010	.00021	.0452	.00021	.00023	.00006	.00113
%RSD	1.0549	2.1916	.45304	1.0075	.24669	.12910	.57035
#1	.00955	.00959	9.9983	.02083	.09225	.04484	.19670
#2	.00941	.00989	9.9344	.02113	.09193	.04476	.19830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02736	9.8499	.07801	.01816	8.7299	.09334	.03845
SDev	.00007	.0448	.00023	.00024	.0647	.00035	.00024
%RSD	.25123	.45513	.30082	1.3198	.74137	.37516	.62504
#1	.02740	9.8816	.07784	.01833	8.6842	.09359	.03862
#2	.02731	9.8182	.07817	.01799	8.7757	.09309	.03828

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.3844	.11111	.11441	.00172	.00483	.01389	.00519
SDev	.0202	.00357	.00369	.00099	.00348	.00046	.00243
%RSD	.24070	3.2134	3.2274	57.450	72.038	3.3113	46.869
#1	8.3987	.10858	.11180	.00102	.00237	.01357	.00347
#2	8.3702	.11363	.11702	.00241	.00729	.01422	.00691

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.18404	Q.14532	.19094	.18226	.19945
SDev	.00138	.00081	.00088	.00010	.00319
%RSD	.74999	.56048	.46096	.05369	1.5996
#1	.18502	Q.14474	.19156	.18219	.20170
#2	.18307	Q.14589	.19032	.18233	.19719

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Analysis Report QC Standard 04/29/04 11:21:34 AM page 1

Method: 6010B Sample Name: ICSA Operator: DR
Run Time: 04/29/04 11:19:16
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00386	-.00124	-.00155	-.00731	-.00755	478.27	-.01150
SDev	.00120	.00195	.00110	.00397	.00666	3.72	.00003
%RSD	31.220	157.91	70.714	54.340	88.237	.77681	.22202
#1	.00471	.00014	-.00078	Q-.01012	-.01226	475.64	-.01152
#2	.00301	-.00262	-.00233	-.00450	-.00284	480.90	-.01148

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00109	426.37	.01727	-.00447	-.00138	165.84
SDev	.00001	.00005	3.71	.00044	.00136	.00103	2.78
%RSD	3.6400	4.4103	.86978	2.5594	30.500	74.689	1.6753
#1	-.00024	.00113	423.75	.01696	-.00543	-.00211	163.88
#2	-.00025	.00106	429.00	.01758	-.00350	-.00065	167.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	480.97	-.00455	-.01288	-.62545	-.00458	-.00482
SDev	.00005	3.50	.00014	.00156	.06640	.00058	.00027
%RSD	20.895	.72706	3.1534	12.073	10.616	12.649	5.5843
#1	.00025	478.50	-.00445	-.01398	-.67240	-.00499	-.00463
#2	.00019	483.44	-.00465	-.01178	-.57850	-.00417	-.00501

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21299	-.01345	.00106	.20655	-.10725	-.00100	-.01206
SDev	.01458	.00211	.01578	.00227	.00052	.00655	.00922
%RSD	6.8432	15.719	1481.8	1.0981	.48041	653.35	76.496
#1	.20269	-.01495	-.01009	.20815	-.10689	.00363	-.01858
#2	.22330	-.01196	.01222	.20495	-.10761	-.00563	-.00554

Elem	Mo2020	B_2496	Ti3049	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02777	-.04350	-.01644	-.00241	.00963
SDev	.00067	.00019	.00044	.00074	.00030
%RSD	2.4201	.43212	2.6766	30.842	3.1553
#1	-.02729	-.04363	-.01613	-.00189	.00984
#2	-.02824	-.04336	-.01675	-.00294	.00941

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Method: 6010B Sample Name: ICSAB Operator: DR
Run Time: 04/29/04 11:21:56
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09023	.07759	.04017	.03916	.54586	488.17	.48330
SDev	.00462	.01079	.00050	.00086	.00629	1.07	.00101
%RSD	5.1210	13.903	1.2533	2.1957	1.1529	.21818	.20825
#1	.09350	.08522	.04052	.03855	.55031	488.92	.48401
#2	.08696	Q.06996	.03981	.03977	.54141	487.41	.48259

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44272	.84755	433.21	.43203	.40823	.45015	167.59
SDev	.00081	.00172	1.33	.00110	.00169	.00179	.66
%RSD	.18182	.20259	.30680	.25422	.41313	.39708	.39321
#1	.44329	.84876	434.15	.43280	.40942	.45141	168.05
#2	.44215	.84633	432.27	.43125	.40704	.44888	167.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43307	486.97	.80628	.18228	-.18279	.44284	.91471
SDev	.00154	1.85	.00383	.00036	.16348	.00073	.00186
%RSD	.35656	.38061	.47501	.19894	89.434	.16475	.20384
#1	.43416	488.28	.80899	.18253	-.06720	.44335	.91603
#2	.43197	485.66	.80357	.18202	-.29839	.44232	.91339

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21894	.53907	.55627	.24622	-.06451	.03967	.03730
SDev	.00168	.00631	.00627	.00323	.00086	.00381	.00319
%RSD	.76816	1.1699	1.1265	1.3107	1.3278	9.6023	8.5541
#1	.22013	.54353	.56070	.24851	-.06511	.04237	.03505
#2	.21775	.53461	.55184	.24394	-.06390	.03698	.03956

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02948	-.04465	-.01684	-.00537	.00480
SDev	.00142	.00044	.00042	.00384	.00623
%RSD	4.8062	.98227	2.4886	71.395	129.89
#1	-.02847	-.04496	-.01655	-.00266	.00920
#2	-.03048	-.04434	-.01714	-.00808	.00039

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Analysis Report QC Standard 04/29/04 11:27:57 AM page 1

Method: 6010B Sample Name: CCC Operator: DR
Run Time: 04/29/04 11:26:13
Comment: CCC
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7553	3.7651	3.7513	3.7622	3.8106	7.6124	7.5697
SDev	.0038	.0480	.0093	.0199	.0002	.0158	.0264
%RSD	.10106	1.2744	.24737	.52821	.00515	.20757	.34938
#1	3.7526	3.7312	3.7448	3.7481	3.8104	7.6012	7.5510
#2	3.7579	3.7990	3.7579	3.7762	3.8107	7.6236	7.5884

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18798	1.8796	18.775	.74598	1.8624	.93036	3.7413
SDev	.00072	.0067	.071	.00316	.0074	.00388	.0212
%RSD	.38112	.35465	.37978	.42362	.39713	.41683	.56665
#1	.18747	1.8749	18.725	.74374	1.8571	.92762	3.7263
#2	.18848	1.8843	18.826	.74821	1.8676	.93311	3.7563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8721	18.671	1.8730	.94901	19.544	1.8585	1.8910
SDev	.0078	.082	.0108	.00561	.469	.0092	.0075
%RSD	.41854	.44019	.57586	.59117	2.3992	.49714	.39870
#1	1.8665	18.613	1.8653	.94504	19.212	1.8520	1.8857
#2	1.8776	18.729	1.8806	.95297	19.875	1.8651	1.8963

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.764	3.8208	3.7868	3.7461	3.7520	3.7625	3.7602
SDev	.074	.0087	.0180	.0021	.0129	.0047	.0274
%RSD	.39544	.22785	.47607	.05565	.34307	.12542	.72968
#1	18.711	3.8270	3.7740	3.7446	3.7429	3.7592	3.7408
#2	18.816	3.8147	3.7995	3.7476	3.7611	3.7658	3.7796

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	3.7784	3.7902	3.7446	3.7281	3.8693
SDev	.0180	.0210	.0156	.0182	.0056
%RSD	.47683	.55374	.41636	.48922	.14527
#1	3.7657	3.7754	3.7336	3.7152	3.8653
#2	3.7912	3.8051	3.7557	3.7410	3.8733

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Analysis Report QC Standard 04/29/04 11:30:59 AM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 11:29:16
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9327	4.9397	4.9236	4.9620	4.8984	10.040	9.9332
SDev	.0059	.0139	.0012	.0089	.0035	.000	.0014
%RSD	.11972	.28206	.02514	.17913	.07234	.00379	.01395
#1	4.9285	4.9495	4.9245	4.9557	4.8959	10.039	9.9323
#2	4.9368	4.9298	4.9228	4.9683	4.9009	10.040	9.9342

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24694	2.4613	24.557	.97874	2.4402	1.2250	4.8602
SDev	.00015	.0002	.002	.00025	.0012	.0017	.0056
%RSD	.06177	.00701	.01001	.02544	.04786	.13672	.11517
#1	.24683	2.4612	24.556	.97856	2.4393	1.2262	4.8563
#2	.24705	2.4614	24.559	.97891	2.4410	1.2238	4.8642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4439	24.453	2.4524	1.2442	25.063	2.4429	2.4765
SDev	.0006	.015	.0007	.0013	.065	.0012	.0022
%RSD	.02419	.06315	.02990	.10314	.26047	.04787	.08730
#1	2.4435	24.442	2.4519	1.2433	25.109	2.4420	2.4749
#2	2.4443	24.464	2.4529	1.2451	25.017	2.4437	2.4780

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.065	4.9088	4.8743	4.9122	4.9275	4.9600	4.9614
SDev	.061	.0074	.0041	.0068	.0054	.0162	.0052
%RSD	.24155	.15026	.08479	.13844	.10942	.32635	.10572
#1	25.022	4.9036	4.8772	4.9074	4.9313	4.9485	4.9577
#2	25.108	4.9140	4.8714	4.9170	4.9236	4.9714	4.9652

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9308	4.9946	4.8750	4.8523	5.0213
SDev	.0029	.0006	.0028	.0045	.0032
%RSD	.05930	.01129	.05674	.09316	.06354
#1	4.9287	4.9942	4.8731	4.8491	5.0191
#2	4.9328	4.9950	4.8770	4.8555	5.0236

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 11:31:57
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	.00398	.00412	.00722	-.00409	.04118	-.00947
SDev	.00079	.00182	.00038	.00059	.00241	.00073	.00027
%RSD	33.056	45.612	9.2450	8.1677	58.880	1.7691	2.8172
#1	.00184	.00270	.00439	.00763	-.00580	.04067	-.00928
#2	.00296	.00527	.00385	.00680	-.00239	.04170	-.00966

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00092	.03432	-.00114	-.00380	-.00921	.00750
SDev	.00003	.00016	.00581	.00004	.00003	.00006	.00898
%RSD	15.918	17.804	16.932	3.3462	.85666	.61923	119.81
#1	-.00017	.00104	.03843	-.00112	-.00383	-.00917	.00115
#2	-.00022	.00081	.03021	-.00117	-.00378	-.00925	.01385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.03285	-.00207	-.00133	-.64636	-.00207	-.00404
SDev	.00002	.00423	.00065	.00016	.17185	.00012	.00044
%RSD	22.258	12.890	31.142	12.361	26.587	5.6196	10.941
#1	-.00009	.03584	-.00162	-.00144	-.52484	-.00199	-.00373
#2	-.00012	.02985	-.00253	-.00121	-.76787	-.00216	-.00435

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03991	-.00772	-.00003	.00172	.00332	.01131	.00357
SDev	.02355	.00136	.00451	.00160	.00137	.00024	.00076
%RSD	58.995	17.653	13894.	93.203	41.296	2.1635	21.310
#1	-.02326	-.00868	-.00322	.00059	.00429	.01148	.00411
#2	-.05656	-.00675	.00315	.00286	.00235	.01114	.00304

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01349	-.02923	-.00479	-.00681	-.01143
SDev	.00245	.00670	.00006	.00023	.00729
%RSD	18.180	22.934	1.3112	3.4476	63.823
#1	-.01175	-.02449	-.00475	-.00665	-.01658
#2	-.01522	-.03397	-.00484	-.00698	-.00627

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Method: 6010B Sample Name: PB13891BL Operator: DR
Run Time: 04/29/04 11:35:42
Comment: PBS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00448	.00051	-.00031	.00193	-.00743	.02209	-.01067
SDev	.00115	.00444	.00003	.00042	.00595	.00146	.00016
%RSD	25.610	865.08	9.5366	21.847	80.055	6.5920	1.4982
#1	.00529	.00365	-.00029	.00163	-.00323	.02312	-.01056
#2	.00367	-.00263	-.00033	.00223	-.01164	.02106	-.01079

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00048	.01267	-.00124	-.00417	-.00770	.00512
SDev	.00002	.00009	.00380	.00040	.00055	.00069	.00561
%RSD	6.2736	18.884	29.991	32.516	13.228	9.0055	109.58
#1	-.00024	.00042	.01536	-.00095	-.00456	-.00721	.00909
#2	-.00026	.00055	.00998	-.00152	-.00378	-.00819	.00115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.01365	-.00310	-.00181	-.44712	-.00249	-.00497
SDev	.00002	.00149	.00033	.00068	.21258	.00000	.00024
%RSD	5.3956	10.947	10.741	37.758	47.543	.03847	4.8117
#1	-.00044	.01471	-.00333	-.00133	-.29681	-.00249	-.00480
#2	-.00041	.01259	-.00286	-.00229	-.59744	-.00249	-.00514

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05497	-.01197	-.00155	-.00288	-.00102	.00104	.00068
SDev	.00224	.00296	.01195	.00093	.00051	.00043	.00028
%RSD	4.0791	24.716	768.82	32.221	49.770	41.412	40.900
#1	-.05656	-.00988	.00689	-.00354	-.00066	.00073	.00048
#2	-.05339	-.01406	-.01000	-.00223	-.00138	.00134	.00087

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01688	-.04265	-.00540	-.00879	-.01325
SDev	.00085	.00000	.00013	.00068	.00410
%RSD	5.0579	.00000	2.3275	7.7919	30.953
#1	-.01627	-.04265	-.00549	-.00831	-.01615
#2	-.01748	-.04265	-.00531	-.00927	-.01035

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Analysis Report QC Standard 04/29/04 11:43:43 AM page 1

Method: 6010B Sample Name: PB13891BS Operator: DR
Run Time: 04/29/04 11:41:51
Comment: LCSS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75189	1.9140	.95706	1.8675	.74884	1.8536	1.9268
SDev	.00556	.0201	.00060	.0056	.00115	.0080	.0119
%RSD	.73885	1.0505	.06221	.30112	.15347	.43401	.61989
#1	.74796	1.8997	.95664	1.8635	.74965	1.8479	1.9183
#2	.75582	1.9282	.95748	1.8715	.74802	1.8593	1.9352

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18928	.19215	4.8065	.38137	.18771	.27741	2.7166
SDev	.00107	.00090	.0270	.00180	.00188	.00041	.0011
%RSD	.56392	.46714	.56270	.47231	1.0023	.14626	.04050
#1	.18852	.19152	4.7874	.38010	.18638	.27713	2.7159
#2	.19003	.19279	4.8257	.38264	.18904	.27770	2.7174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19089	1.8753	.48229	.07165	2.7122	.27855	.21689
SDev	.00092	.0047	.00302	.00056	.0006	.00129	.00064
%RSD	.47956	.25234	.62651	.78232	.02057	.46272	.29388
#1	.19024	1.8719	.48016	.07125	2.7126	.27764	.21644
#2	.19154	1.8786	.48443	.07204	2.7118	.27947	.21734

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5789	.74922	.74486	.95573	.95562	1.8731	1.8630
SDev	.0439	.00076	.00193	.00281	.00009	.0003	.0084
%RSD	.45824	.10126	.25930	.29442	.00922	.01799	.45109
#1	9.5478	.74976	.74623	.95374	.95568	1.8728	1.8571
#2	9.6099	.74868	.74350	.95772	.95556	1.8733	1.8690

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36308	Q.23618	.18148	.66394	Q.69747
SDev	.00245	.00263	.00075	.00626	.00319
%RSD	.67530	1.1141	.41569	.94321	.45741
#1	.36134	Q.23432	.18095	.65951	Q.69521
#2	.36481	Q.23804	.18202	.66837	Q.69973

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Method: 6010B Sample Name: S2236-07 Operator: DR
Run Time: 04/29/04 11:44:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03421	.00607	.08635	.00415	-.00495	40.127	.14058
SDev	.00061	.00976	.00247	.00083	.00040	.194	.00037
%RSD	1.7978	160.83	2.8651	20.003	8.1060	.48268	.26462
#1	.03465	-.00083	.08810	.00474	-.00524	39.990	.14032
#2	.03378	.01296	.08460	.00357	-.00467	40.264	.14085

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	.00216	5.0112	.11735	.03258	.07940	99.056
SDev	.00006	.00007	.0094	.00038	.00029	.00178	.123
%RSD	2.4284	3.4214	.18735	.32657	.89699	2.2437	.12465
#1	.00261	.00221	5.0046	.11708	.03237	.08066	98.968
#2	.00252	.00211	5.0179	.11762	.03278	.07814	99.143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76448	9.7727	.05697	-.00632	1.1890	.11466	.26710
SDev	.00165	.0249	.00080	.00031	.1518	.00012	.00102
%RSD	.21561	.25484	1.3947	4.8756	12.764	.10685	.38174
#1	.76332	9.7551	.05753	-.00610	1.0817	.11457	.26638
#2	.76565	9.7904	.05641	-.00654	1.2963	.11475	.26783

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2930	-.00886	-.00032	.11756	.06838	.00158	.00364
SDev	.0146	.00099	.00320	.00450	.00146	.00159	.00045
%RSD	.44262	11.217	1003.0	3.8274	2.1397	100.17	12.462
#1	3.3033	-.00816	-.00258	.12074	.06941	.00271	.00396
#2	3.2827	-.00957	.00194	.11438	.06734	.00046	.00332

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01851	-.05665	.66038	-.03089	9.3828
SDev	.00051	.00125	.00239	.00176	.0044
%RSD	2.7477	2.2118	.36176	5.7019	.04696
#1	-.01887	-.05754	.65869	-.03214	9.3796
#2	-.01815	-.05577	.66207	-.02964	9.3859

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Method: 6010B Sample Name: S2236-07D Operator: DR
Run Time: 04/29/04 11:45:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03444	-.00279	.08680	.00014	-.00501	40.277	.14054
SDev	.00259	.00142	.00227	.00344	.00427	.046	.00053
%RSD	7.5139	50.905	2.6152	2519.4	85.357	.11412	.37744
#1	.03261	-.00379	.08520	-.00230	-.00199	40.244	.14017
#2	.03627	-.00178	.08841	.00257	-.00803	40.309	.14092

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	.00219	5.0215	.11766	.03425	.07879	99.155
SDev	.00002	.00017	.0110	.00006	.00000	.00072	.273
%RSD	.69161	7.5712	.21812	.04913	.00011	.90782	.27510
#1	.00256	.00231	5.0138	.11770	.03425	.07829	98.962
#2	.00253	.00208	5.0292	.11762	.03425	.07930	99.348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76638	9.7824	.05703	-.00622	1.3109	.11491	.26791
SDev	.00190	.0296	.00018	.00016	.0151	.00095	.00104
%RSD	.24786	.30296	.31619	2.5137	1.1492	.82304	.38685
#1	.76503	9.7615	.05691	-.00633	1.3215	.11424	.26717
#2	.76772	9.8034	.05716	-.00611	1.3002	.11558	.26864

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3450	-.00844	-.00134	.12191	.06688	.00009	-.00154
SDev	.0196	.00462	.00358	.00156	.00418	.00247	.00653
%RSD	.58658	54.726	268.21	1.2831	6.2569	2620.1	423.79
#1	3.3588	-.00517	.00120	.12301	.06392	.00184	-.00616
#2	3.3311	-.01170	-.00387	.12080	.06983	-.00165	.00308

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02013	-.05732	.66269	-.03089	9.3804
SDev	.00076	.00044	.00193	.00329	.0120
%RSD	3.7901	.76514	.29093	10.643	.12795
#1	-.01959	-.05763	.66132	-.03321	9.3719
#2	-.02067	-.05701	.66405	-.02856	9.3889

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Method: 6010B Sample Name: S2236-07LX5 Operator: DR
Run Time: 04/29/04 11:47:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00695	.00097	.01862	-.00127	-.00189	8.2369	.01845
SDev	.00094	.00519	.00019	.00324	.00120	.1547	.00080
%RSD	13.576	536.87	1.0253	255.31	63.457	1.8776	4.3162
#1	.00762	.00464	.01875	-.00356	-.00274	8.3462	.01902
#2	.00628	-.00270	.01848	.00102	-.00104	8.1275	.01789

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.00018	1.0274	.02356	.00390	.01146	20.819
SDev	.00002	.00007	.0163	.00004	.00036	.00095	.338
%RSD	9.1256	38.693	1.5882	.16198	9.1406	8.3078	1.6230
#1	.00024	-.00024	1.0389	.02359	.00416	.01213	21.058
#2	.00027	-.00013	1.0159	.02354	.00365	.01078	20.580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15938	2.0035	.01000	-.00531	-.12006	.02087	.05201
SDev	.00252	.0027	.00036	.00298	.40618	.00001	.00119
%RSD	1.5795	.13674	3.6489	56.080	338.31	.06510	2.2786
#1	.16116	2.0015	.01026	-.00742	.16715	.02088	.05285
#2	.15760	2.0054	.00974	-.00321	-.40728	.02086	.05117

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55311	-.00550	.00212	.02076	.01555	.00089	-.00395
SDev	.00561	.00378	.00396	.00074	.00008	.00553	.00210
%RSD	1.0135	68.712	186.62	3.5745	.54225	617.86	53.135
#1	.55707	-.00817	.00492	.02129	.01549	-.00302	-.00543
#2	.54914	-.00283	-.00068	.02024	.01561	.00481	-.00247

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01928	-.05271	.13217	-.01460	1.9734
SDev	.00062	.00357	.00260	.00072	.0413
%RSD	3.2031	6.7750	1.9661	4.9586	2.0940
#1	-.01972	-.05019	.13401	-.01409	2.0026
#2	-.01884	-.05524	.13033	-.01511	1.9441

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Method: 6010B Sample Name: S2236-05 Operator: DR
Run Time: 04/29/04 11:50:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73819	1.7660	.98197	1.7418	.69314	69.765	2.0554
SDev	.00164	.0203	.00478	.0054	.00087	.169	.0038
%RSD	.22197	1.1467	.48672	.30964	.12571	.24207	.18401
#1	.73935	1.7517	.97859	1.7380	.69252	69.646	2.0527
#2	.73703	1.7804	.98535	1.7456	.69375	69.884	2.0581

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18249	.18049	8.9704	.52526	.24088	.37799	126.58
SDev	.00061	.00112	.0302	.00180	.00013	.00038	.35
%RSD	.33528	.61789	.33639	.34294	.05376	.09959	.27669
#1	.18205	.17970	8.9491	.52399	.24079	.37826	126.33
#2	.18292	.18128	8.9917	.52654	.24097	.37772	126.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6645	17.076	.54053	.09333	2.8791	.43616	.55345
SDev	.0051	.055	.00157	.00013	.1350	.00037	.00258
%RSD	.30526	.32232	.28998	.14169	4.6897	.08435	.46570
#1	1.6609	17.037	.53942	.09342	2.7836	.43590	.55163
#2	1.6681	17.115	.54163	.09323	2.9746	.43642	.55527

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.699	.69155	.69312	1.0291	.95656	1.7341	1.7440
SDev	.042	.00209	.00157	.0072	.00343	.0073	.0044
%RSD	.33108	.30225	.22651	.69922	.35877	.42184	.25422
#1	12.729	.69007	.69423	1.0240	.95413	1.7289	1.7409
#2	12.670	.69302	.69201	1.0342	.95899	1.7393	1.7472

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.33098	.18590	1.4784	.55008	11.159
SDev	.00283	.00470	.0047	.00106	.037
%RSD	.85600	2.5277	.31752	.19212	.32947
#1	.32898	.18257	1.4751	.54933	11.133
#2	.33299	.18922	1.4817	.55083	11.185

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Method: 6010B Sample Name: S2236-06 Operator: DR
Run Time: 04/29/04 11:52:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74095	1.7766	.99288	1.7628	.69963	69.866	2.0596
SDev	.00092	.0082	.00478	.0077	.00243	.137	.0001
%RSD	.12347	.46226	.48147	.43703	.34746	.19580	.00506
#1	.74160	1.7824	.98950	1.7574	.69791	69.962	2.0597
#2	.74031	1.7707	.99626	1.7683	.70135	69.769	2.0595

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18271	.18141	8.9843	.52589	.24159	.37508	126.45
SDev	.00018	.00032	.0136	.00096	.00049	.00291	.25
%RSD	.09633	.17632	.15177	.18217	.20130	.77587	.20062
#1	.18283	.18164	8.9940	.52656	.24194	.37714	126.63
#2	.18258	.18119	8.9747	.52521	.24125	.37302	126.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6655	17.129	.53934	.09330	3.0148	.43550	.55463
SDev	.0019	.018	.00194	.00003	.0033	.00106	.00144
%RSD	.11128	.10468	.35987	.03009	.11103	.24427	.25939
#1	1.6668	17.141	.54071	.09332	3.0172	.43625	.55565
#2	1.6641	17.116	.53797	.09328	3.0125	.43474	.55361

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.775	.69810	.69949	1.0362	.96937	1.7513	1.7670
SDev	.017	.00237	.00256	.0032	.00573	.0185	.0023
%RSD	.13603	.33889	.36620	.30423	.59158	1.0548	.13177
#1	12.788	.69642	.69768	1.0340	.96531	1.7382	1.7653
#2	12.763	.69977	.70130	1.0384	.97342	1.7643	1.7686

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.33348	.18590	1.4788	.55102	11.240
SDev	.00098	.00006	.0021	.00305	.015
%RSD	.29409	.03370	.14171	.55404	.13787
#1	.33417	.18585	1.4802	.55318	11.229
#2	.33278	.18594	1.4773	.54886	11.251

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Method: 6010B Sample Name: S2236-07A Operator: DR
Run Time: 04/29/04 11:54:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75368	1.7882	.99264	1.7550	.70216	69.756	2.0609
SDev	.02116	.0034	.00097	.0006	.00077	.155	.0039
%RSD	2.8071	.18946	.09788	.03310	.10984	.22172	.18859
#1	.73872	1.7858	.99195	1.7546	.70271	69.647	2.0582
#2	.76864	1.7906	.99333	1.7554	.70162	69.865	2.0637

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18243	.18090	8.9652	.52458	.24104	.37319	126.33
SDev	.00014	.00042	.0027	.00019	.00003	.00062	.57
%RSD	.07551	.22972	.02991	.03658	.01342	.16714	.45317
#1	.18233	.18061	8.9633	.52472	.24102	.37275	125.93
#2	.18253	.18120	8.9671	.52445	.24107	.37363	126.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6627	17.101	.53727	.07217	2.6124	.43466	.55352
SDev	.0011	.014	.00054	.00000	.0279	.00084	.00028
%RSD	.06882	.08156	.09979	.00072	1.0679	.19340	.04984
#1	1.6619	17.091	.53689	.07217	2.5927	.43407	.55333
#2	1.6635	17.111	.53765	.07217	2.6321	.43526	.55372

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.677	.70143	.70043	1.0407	.96664	1.7554	1.7532
SDev	.064	.00332	.00433	.0019	.00053	.0104	.0061
%RSD	.50411	.47290	.61791	.17857	.05472	.59185	.34554
#1	12.723	.70377	.69737	1.0394	.96627	1.7628	1.7489
#2	12.632	.69908	.70349	1.0420	.96702	1.7481	1.7575

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.34446	.21416	1.4762	.58560	11.289
SDev	.01611	.04242	.0027	.04581	.020
%RSD	4.6768	19.805	.18312	7.8232	.17630
#1	.33307	.18417	1.4743	.55321	11.275
#2	.35585	.24415	1.4782	.61800	11.303

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Method: 6010B Sample Name: PB13855BL Operator: DR
Run Time: 04/29/04 11:57:28
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	.00575	.00133	-.00152	-.00531	.00790	-.01233
SDev	.00209	.00310	.00168	.00148	.00155	.00256	.00005
%RSD	96.995	53.830	126.72	97.760	29.292	32.357	.43245
#1	.00363	.00794	.00252	-.00257	-.00641	.00609	-.01237
#2	.00068	.00356	.00014	-.00047	-.00421	.00971	-.01229

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.00033	-.03095	-.00129	-.00481	-.00762	.02894
SDev	.00001	.00017	.00067	.00010	.00003	.00046	.00113
%RSD	3.3867	52.879	2.1664	7.4148	.66893	6.0673	3.8956
#1	-.00025	-.00020	-.03143	-.00136	-.00483	-.00795	.02974
#2	-.00026	-.00045	-.03048	-.00122	-.00479	-.00729	.02814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	-.02368	-.00335	-.00203	-.47592	-.00290	-.00546
SDev	.00011	.00100	.00129	.00068	.22095	.00035	.00004
%RSD	31.635	4.2061	38.581	33.585	46.425	12.093	.72859
#1	-.00028	-.02298	-.00426	-.00251	-.63216	-.00315	-.00543
#2	-.00044	-.02439	-.00243	-.00154	-.31969	-.00265	-.00549

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06418	-.00586	-.00741	-.00160	.00079	-.00057	-.00359
SDev	.02045	.00390	.00314	.00182	.00343	.00515	.00035
%RSD	31.861	66.580	42.398	113.46	432.44	908.06	9.6786
#1	-.07864	-.00861	-.00519	-.00289	.00322	-.00421	-.00335
#2	-.04972	-.00310	-.00963	-.00032	-.00163	.00307	-.00384

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01896	-.05182	-.00619	-.00970	-.01057
SDev	.00009	.00019	.00002	.00014	.00091
%RSD	.47902	.36267	.33868	1.4117	8.6267
#1	-.01902	-.05196	-.00620	-.00961	-.00992
#2	-.01889	-.05169	-.00617	-.00980	-.01121

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Analysis Report QC Standard 04/29/04 12:01:31 PM page 1

Method: 6010B Sample Name: PB13855BS Operator: DR
Run Time: 04/29/04 11:59:43
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74531	1.9185	.95080	1.8604	.74907	1.8415	1.9276
SDev	.00082	.0266	.00215	.0097	.00063	.0011	.0028
%RSD	.11045	1.3852	.22598	.52009	.08364	.05936	.14661
#1	.74589	1.9373	.94928	1.8535	.74862	1.8407	1.9296
#2	.74472	1.8997	.95232	1.8672	.74951	1.8422	1.9256

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18875	.19112	4.7708	.37972	.18601	.27569	2.6944
SDev	.00021	.00018	.0038	.00038	.00019	.00133	.0034
%RSD	.11065	.09327	.07965	.10094	.10457	.48226	.12514
#1	.18890	.19099	4.7735	.37999	.18587	.27475	2.6921
#2	.18860	.19124	4.7681	.37945	.18615	.27663	2.6968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19000	1.8467	.47907	.06988	2.6912	.27714	.21613
SDev	.00007	.0002	.00097	.00064	.3920	.00023	.00068
%RSD	.03627	.01349	.20207	.91877	14.568	.08455	.31471
#1	.19005	1.8469	.47839	.06943	Q2.4140	.27731	.21565
#2	.18995	1.8466	.47976	.07034	2.9684	.27698	.21661

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5218	.75109	.74182	.94860	.95010	1.8626	1.8577
SDev	.0551	.00141	.00094	.00408	.00118	.0154	.0068
%RSD	.57868	.18785	.12734	.43048	.12447	.82790	.36646
#1	9.4828	.75009	.74249	.94571	.94926	1.8517	1.8528
#2	9.5607	.75208	.74115	.95149	.95094	1.8735	1.8625

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36150	Q.22789	.18074	.65287	Q.70703
SDev	.00065	.00144	.00025	.00070	.00061
%RSD	.18086	.63231	.13913	.10791	.08594
#1	.36104	Q.22687	.18092	.65237	Q.70746
#2	.36196	Q.22891	.18057	.65337	Q.70660

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Analysis Report QC Standard 04/29/04 12:03:41 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 12:01:55
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9181	4.9353	4.8916	4.9498	4.8728	9.9183	9.9228
SDev	.0078	.0088	.0341	.0438	.0251	.0154	.0195
%RSD	.15834	.17764	.69693	.88571	.51606	.15485	.19667
#1	4.9236	4.9291	4.8675	4.9188	4.8550	9.9292	9.9366
#2	4.9126	4.9415	4.9157	4.9808	4.8906	9.9075	9.9090

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24526	2.4479	24.328	.96992	2.4148	1.2204	4.8058
SDev	.00021	.0007	.036	.00134	.0023	.0043	.0179
%RSD	.08571	.02912	.14792	.13823	.09674	.35065	.37280
#1	.24541	2.4484	24.354	.97087	2.4165	1.2234	4.8184
#2	.24512	2.4474	24.303	.96897	2.4132	1.2174	4.7931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4211	24.199	2.4373	1.2420	24.977	2.4226	2.4647
SDev	.0034	.038	.0007	.0004	.093	.0032	.0015
%RSD	.14176	.15849	.02928	.02949	.37306	.13039	.05944
#1	2.4235	24.226	2.4378	1.2423	25.043	2.4248	2.4658
#2	2.4187	24.172	2.4368	1.2418	24.911	2.4204	2.4637

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.293	4.8909	4.8334	4.8672	4.9020	4.9460	4.9501
SDev	.040	.0206	.0343	.0204	.0409	.0252	.0532
%RSD	.15959	.42092	.70922	.41996	.83448	.50888	1.0741
#1	25.321	4.8764	4.8091	4.8528	4.8730	4.9282	4.9125
#2	25.264	4.9055	4.8576	4.8817	4.9309	4.9638	4.9877

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8877	4.9294	4.8486	4.7761	5.0861
SDev	.0060	.0257	.0097	.0001	.0179
%RSD	.12262	.52238	.19968	.00123	.35246
#1	4.8835	4.9112	4.8555	4.7761	5.0988
#2	4.8919	4.9476	4.8418	4.7760	5.0734

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Analysis Report QC Standard 04/29/04 12:05:43 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 12:03:56
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00518	.00605	-.00026	.00019	-.00502	.00426	-.01180
SDev	.00349	.00069	.00113	.00146	.00155	.00762	.00059
%RSD	67.427	11.355	425.22	770.93	30.785	178.73	4.9676
#1	.00765	.00653	-.00106	-.00084	-.00393	.00965	-.01139
#2	.00271	.00556	.00053	.00122	-.00611	-.00112	-.01222

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	-.00060	-.03443	-.00369	-.00669	-.00786	.03850
SDev	.00008	.00059	.00335	.00230	.00243	.00994	.01240
%RSD	22.577	99.091	9.7381	62.315	36.356	126.40	32.202
#1	-.00040	-.00102	-.03680	-.00532	-.00841	-.01489	.04727
#2	-.00029	-.00018	-.03206	-.00206	-.00497	-.00084	.02973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	-.04535	-.00532	-.00570	-1.7333	-.00497	-.00639
SDev	.00055	.01420	.00136	.00436	.8676	.00328	.00031
%RSD	37.842	31.306	25.571	76.450	50.056	65.912	4.9185
#1	-.00183	-.05538	-.00628	-.00878	-2.3468	-.00729	-.00661
#2	-.00106	-.03531	-.00436	-.00262	-1.1198	-.00265	-.00617

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.28092	-.01386	.00947	-.01447	.00483	-.01080	.00398
SDev	.29487	.00751	.01968	.01245	.00453	.01441	.00487
%RSD	104.97	54.201	207.78	86.041	93.761	133.43	122.39
#1	-.48943	-.01917	.02339	-.02328	.00803	-.02099	.00742
#2	-.07242	-.00855	-.00445	-.00567	.00163	-.00061	.00054

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01820	-.04775	-.00534	-.00400	.01049
SDev	.00102	.00294	.00046	.00417	.01519
%RSD	5.5884	6.1669	8.6290	104.14	144.84
#1	-.01748	-.04567	-.00502	-.00106	.02123
#2	-.01892	-.04983	-.00567	-.00695	-.00025

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Analysis Report 04/29/04 12:08:17 PM page 1

Method: 6010B Sample Name: S2254-04 Operator: DR
Run Time: 04/29/04 12:06:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.00304	.00031	-.00263	-.00656	-.00473	-.01211
SDev	.00021	.00168	.00047	.00020	.00270	.00656	.00016
%RSD	23.848	55.377	155.58	7.7671	41.103	138.64	1.3191
#1	.00072	.00185	-.00003	-.00248	-.00847	-.00009	-.01199
#2	.00101	.00423	.00064	-.00277	-.00465	-.00938	-.01222

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	-.00019	-.05419	-.00132	-.00415	.00574	.01227
SDev	.00001	.00032	.03532	.00013	.00058	.00121	.02695
%RSD	2.4599	169.16	65.175	10.144	14.081	21.089	219.59
#1	-.00028	-.00041	-.07916	-.00141	-.00373	.00489	.03133
#2	-.00027	.00004	-.02921	-.00122	-.00456	.00660	-.00678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00066	-.08409	-.00330	-.00132	-.84513	-.00298	-.00575
SDev	.00002	.07745	.00093	.00017	.87957	.00047	.00028
%RSD	3.5258	92.111	28.160	12.965	104.08	15.640	4.8265
#1	-.00064	-.13886	-.00264	-.00120	L-1.4671	-.00331	-.00555
#2	-.00067	-.02932	-.00395	-.00145	-.22318	-.00265	-.00594

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07004	-.00991	-.00306	-.00315	.00003	.00476	-.00792
SDev	.06167	.00277	.00254	.00560	.00351	.00074	.00006
%RSD	88.047	27.984	83.209	177.56	10429.	15.476	.78548
#1	-.11364	-.01187	-.00486	.00081	-.00245	.00529	-.00796
#2	-.02643	-.00795	-.00126	-.00711	.00251	.00424	-.00787

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01869	-.04996	-.00616	-.00981	-.00799
SDev	.00091	.00144	.00023	.00100	.00729
%RSD	4.8593	2.8841	3.7435	10.169	91.288
#1	-.01805	-.05098	-.00599	-.01052	-.00283
#2	-.01933	-.04894	-.00632	-.00911	-.01314

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Method: 6010B Sample Name: S2258-03 Operator: DR
Run Time: 04/29/04 12:08:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00156	-.00003	.00162	-.00857	-.01015	-.01248
SDev	.00129	.00148	.00098	.00572	.00630	.00474	.00016
%RSD	13300.	94.764	3377.7	352.20	73.551	46.716	1.2801
#1	-.00090	.00052	.00067	.00567	-.00411	-.00680	-.01237
#2	.00092	.00261	-.00072	-.00242	-.01303	-.01350	-.01260

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	-.00005	-.03127	-.00159	-.00454	.00374	-.01393
SDev	.00003	.00007	.00112	.00025	.00010	.00104	.01684
%RSD	12.123	139.52	3.5742	15.675	2.1438	27.864	120.91
#1	-.00024	-.00000	-.03048	-.00141	-.00447	.00447	-.00202
#2	-.00028	-.00010	-.03206	-.00177	-.00461	.00300	-.02583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	-.03073	-.00402	-.00202	-.08918	-.00257	-.00619
SDev	.00007	.00100	.00044	.00033	.14568	.00012	.00020
%RSD	8.7192	3.2419	10.950	16.252	163.35	4.5000	3.1821
#1	-.00074	-.03143	-.00370	-.00178	.01383	-.00265	-.00606
#2	-.00083	-.03002	-.00433	-.00225	-.19220	-.00249	-.00633

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05537	-.01164	-.00563	-.00396	-.00007	.00353	-.00093
SDev	.01065	.01123	.00356	.00272	.00011	.00917	.00400
%RSD	19.236	96.504	63.299	68.734	176.00	259.88	431.94
#1	-.04784	-.00370	-.00815	-.00204	.00002	.01001	.00190
#2	-.06290	-.01958	-.00311	-.00589	-.00015	-.00295	-.00375

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02041	-.05448	-.00637	-.01012	-.01680
SDev	.00047	.00094	.00002	.00065	.00881
%RSD	2.3138	1.7249	.32922	6.3821	52.458
#1	-.02007	-.05382	-.00638	-.00966	-.01057
#2	-.02074	-.05515	-.00635	-.01058	-.02303

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Method: 6010B Sample Name: S2255-01 Operator: DR
Run Time: 04/29/04 12:10:23
Comment:
Mode: CONC Corr. Factor: 1.

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00408	-.00125	.00771	-.00439	-.00651	-.01350	.43938
SDev	.00053	.00366	.00202	.00084	.00007	.00657	.00266
%RSD	13.030	291.80	26.269	19.257	1.1314	48.662	.60639
#1	.00370	.00133	.00627	-.00498	-.00656	-.01815	.43750
#2	.00445	-.00384	.00914	-.00379	-.00646	-.00886	.44126

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	.00016	310.33	.00085	-.00424	.00316	23.931
SDev	.00000	.00020	1.39	.00033	.00065	.00053	.171
%RSD	.15879	126.28	.44767	38.943	15.304	16.897	.71301
#1	-.00033	.00002	309.34	.00062	-.00470	.00278	23.810
#2	-.00033	.00030	311.31	.00108	-.00378	.00354	24.051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6532	24.968	-.00174	-.00482	689.54	-.00285	-.00054
SDev	.0097	.078	.00114	.00013	6.85	.00024	.00042
%RSD	.58422	.31421	65.465	2.7327	.99387	8.4637	78.344
#1	1.6464	24.912	-.00255	-.00473	684.69	-.00302	-.00084
#2	1.6600	25.023	-.00094	-.00491	694.38	-.00268	-.00024

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.483	-.00988	-.00295	.00835	.00539	-.00334	-.00651
SDev	.255	.00159	.00296	.00504	.00052	.00252	.00001
%RSD	.48494	16.064	100.46	60.379	9.6293	75.465	.12452
#1	52.303	-.01101	-.00085	.00478	.00502	-.00512	-.00651
#2	52.663	-.00876	-.00504	.01191	.00575	-.00156	-.00650

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02027	.13606	-.01333	-.01832	10.109
SDev	.00085	.00388	.00019	.00364	.064
%RSD	4.2118	2.8550	1.4149	19.864	.62969
#1	-.02087	.13331	-.01346	-.02090	10.064
#2	-.01966	.13880	-.01320	-.01575	10.154

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Method: 6010B Sample Name: S2243-01 Operator: DR
Run Time: 04/29/04 12:14:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01277	-.00000	.01608	-.00444	-.00762	.04144	.26357
SDev	.00156	.00126	.00018	.00191	.00104	.00110	.00112
%RSD	12.204	28084.	1.1103	42.998	13.634	2.6519	.42462
#1	.01387	.00089	.01595	-.00579	-.00689	.04221	.26436
#2	.01166	-.00090	.01620	-.00309	-.00835	.04066	.26278

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00152	53.754	.00160	-.00279	.00033	76.397
SDev	.00001	.00007	.235	.00019	.00075	.00203	.055
%RSD	2.8218	4.4961	.43704	11.833	26.732	612.85	.07198
#1	-.00029	.00157	53.920	.00173	-.00227	.00176	76.436
#2	-.00028	.00148	53.588	.00147	-.00332	-.00110	76.358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4750	13.002	-.00262	-.00612	43.493	-.00315	-.00550
SDev	.0050	.024	.00090	.00030	.273	.00012	.00003
%RSD	.20065	.18197	34.394	4.9245	.62836	3.7958	.49189
#1	2.4786	13.019	-.00326	-.00591	43.686	-.00306	-.00552
#2	2.4715	12.986	-.00198	-.00633	43.299	-.00323	-.00548

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5315	-.01135	-.00335	.02385	.00770	-.00364	-.00654
SDev	.0746	.00296	.00280	.00128	.00091	.00064	.00304
%RSD	1.3479	26.056	83.542	4.4489	11.804	17.737	46.525
#1	5.5842	-.00926	-.00534	.02976	.00705	-.00318	-.00869
#2	5.4788	-.01344	-.00137	.02795	.00834	-.00409	-.00439

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02373	.31938	-.00579	-.01545	10.072
SDev	.00038	.00113	.00013	.00168	.027
%RSD	1.6069	.35311	2.1726	10.896	.26850
#1	-.02400	.31858	-.00588	-.01426	10.091
#2	-.02346	.32017	-.00570	-.01564	10.053

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Method: 6010B Sample Name: S2243-01D Operator: DR
Run Time: 04/29/04 12:16:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01112	-.00086	.01868	-.00336	-.00671	.03447	.26369
SDev	.00129	.00463	.00147	.00002	.00225	.00146	.00064
%RSD	11.622	535.47	7.8492	.44700	33.467	4.2476	.24232
#1	.01021	.00241	.01971	-.00335	-.00512	.03551	.26414
#2	.01204	-.00414	.01764	-.00337	-.00830	.03344	.26323

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00136	53.710	.00137	-.00314	-.00155	76.382
SDev	.00000	.00030	.120	.00063	.00045	.00017	.085
%RSD	.26772	22.313	.22349	46.271	14.479	10.725	.11169
#1	-.00029	.00115	53.795	.00092	-.00282	-.00167	76.443
#2	-.00029	.00158	53.625	.00182	-.00346	-.00143	76.322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4762	13.020	-.00176	-.00604	42.638	-.00298	-.00558
SDev	.0054	.017	.00030	.00013	.387	.00035	.00001
%RSD	.21905	.12816	16.754	2.0892	.90814	11.834	.15101
#1	2.4801	13.032	-.00197	-.00613	42.911	-.00273	-.00558
#2	2.4724	13.008	-.00155	-.00595	42.364	-.00323	-.00559

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4851	-.01081	-.00169	.03157	.01024	.00031	-.00679
SDev	.0191	.00249	.00176	.00351	.00044	.00181	.00092
%RSD	.34749	23.011	104.21	11.123	4.3422	587.27	13.610
#1	5.4717	-.00906	-.00044	.03406	.01056	-.00097	-.00614
#2	5.4986	-.01257	-.00293	.02909	.00993	.00158	-.00744

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02141	.33444	-.00598	-.01755	10.067
SDev	.00356	.01829	.00031	.00204	.013
%RSD	16.626	5.4701	5.2565	11.597	.13280
#1	-.02393	.32150	-.00620	-.01899	10.077
#2	-.01889	.34737	-.00576	-.01611	10.058

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Method: 6010B Sample Name: S2243-01LX5 Operator: DR
Run Time: 04/29/04 12:18:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00759	-.00211	-.00770	.00807	.00464	.01274	.05991
SDev	.00302	.00166	.00121	.00497	.00118	.00146	.00192
%RSD	39.758	78.718	15.725	61.644	25.438	11.489	3.2065
#1	.00546	-.00094	-.00685	.01158	.00548	.01377	.06127
#2	.00973	-.00329	-.00856	.00455	.00381	.01170	.05855

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.00350	11.008	.00109	.00208	-.00844	16.068
SDev	.00007	.00057	.029	.00011	.00074	.00126	.065
%RSD	33.698	16.250	.26627	10.510	35.609	14.931	.40725
#1	.00025	-.00310	10.987	.00117	.00260	-.00754	16.022
#2	.00015	-.00390	11.029	.00101	.00155	-.00933	16.115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51313	2.7308	.00134	-.00106	5.5656	.00080	-.01899
SDev	.00071	.0033	.00072	.00057	.2004	.00058	.00106
%RSD	.13770	.11920	53.541	54.128	3.6002	71.751	5.5649
#1	.51263	2.7285	.00185	-.00066	5.7073	.00121	-.01825
#2	.51363	2.7331	.00083	-.00147	5.4239	.00040	-.01974

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30649	.00277	.00519	-.00536	-.01087	.00970	.00565
SDev	.05389	.00051	.00457	.00033	.00165	.00043	.00724
%RSD	17.582	18.408	88.082	6.1063	15.203	4.4722	128.05
#1	.34460	.00241	.00841	-.00513	-.00970	.01001	.01077
#2	.26839	.00313	.00196	-.00559	-.01204	.00939	.00053

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00477	.07640	.00340	.00430	1.9488
SDev	.00240	.00081	.00106	.00439	.0096
%RSD	50.221	1.0551	31.159	102.17	.49046
#1	.00646	.07697	.00415	.00741	1.9421
#2	.00308	.07583	.00265	.00119	1.9556

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Method: 6010B Sample Name: S2243-01S Operator: DR
Run Time: 04/29/04 12:21:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71939	1.7509	.87547	1.7562	.70796	1.8028	2.1149
SDev	.00156	.0102	.00031	.0020	.00266	.0000	.0011
%RSD	.21658	.58400	.03532	.11640	.37552	.00018	.05034
#1	.71828	1.7437	.87569	1.7576	.70608	1.8028	2.1141
#2	.72049	1.7581	.87525	1.7547	.70984	1.8028	2.1156

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17430	.17490	58.625	.35827	.16968	.26169	79.643
SDev	.00028	.00032	.079	.00048	.00019	.00013	.186
%RSD	.15958	.18237	.13421	.13400	.11476	.04981	.23397
#1	.17410	.17468	58.570	.35861	.16982	.26160	79.512
#2	.17449	.17513	58.681	.35793	.16955	.26179	79.775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6793	14.903	.43384	.03339	46.626	.25804	.17228
SDev	.0035	.030	.00020	.00044	.006	.00047	.00044
%RSD	.13069	.20222	.04648	1.3138	.01292	.18372	.25521
#1	2.6768	14.881	.43370	.03308	46.630	.25770	.17259
#2	2.6818	14.924	.43399	.03370	46.621	.25837	.17197

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.786	.70875	.70319	.88373	.86955	1.7461	1.7596
SDev	.045	.00136	.00527	.00240	.00073	.0016	.0022
%RSD	.28764	.19120	.74934	.27121	.08429	.09425	.12747
#1	15.754	.70779	.69946	.88543	.86903	1.7473	1.7612
#2	15.819	.70970	.70691	.88204	.87006	1.7449	1.7580

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.33057	.59285	.16833	.59249	10.962
SDev	.00025	.00031	.00071	.00018	.001
%RSD	.07692	.05284	.42328	.02973	.01248
#1	.33039	.59307	.16782	.59237	10.961
#2	.33075	.59263	.16883	.59262	10.963

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Method: 6010B Sample Name: S2243-01SD Operator: DR
Run Time: 04/29/04 12:23:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71681	1.7455	.87469	1.7578	.70907	1.7994	2.1158
SDev	.00567	.0096	.00384	.0009	.00180	.0004	.0013
%RSD	.79099	.55092	.43946	.04848	.25395	.02013	.06048
#1	.72082	1.7523	.87197	1.7584	.70780	1.7992	2.1167
#2	.71280	1.7387	.87741	1.7572	.71034	1.7997	2.1149

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17434	.17470	58.655	.35835	.16948	.26072	79.690
SDev	.00009	.00027	.028	.00010	.00029	.00011	.028
%RSD	.05323	.15685	.04802	.02683	.17230	.04341	.03522
#1	.17441	.17489	58.675	.35828	.16968	.26064	79.710
#2	.17428	.17451	58.635	.35842	.16927	.26080	79.670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6804	14.906	.43373	.03316	46.638	.25713	.17258
SDev	.0016	.007	.00017	.00001	.042	.00012	.00035
%RSD	.06148	.04846	.03819	.03387	.08924	.04582	.20325
#1	2.6816	14.911	.43385	.03316	46.608	.25721	.17283
#2	2.6793	14.901	.43362	.03315	46.667	.25705	.17233

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.813	.70848	.70706	.88188	.86930	1.7458	1.7622
SDev	.033	.00042	.00456	.00544	.00305	.0007	.0009
%RSD	.20917	.05983	.64469	.61639	.35076	.04220	.05164
#1	15.836	.70818	.70383	.87804	.86715	1.7463	1.7628
#2	15.789	.70878	.71028	.88572	.87146	1.7453	1.7615

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.33161	.59108	.16870	.58922	10.960
SDev	.00060	.00119	.00027	.00023	.009
%RSD	.18073	.20140	.16149	.03986	.07763
#1	.33204	.59192	.16889	.58905	10.954
#2	.33119	.59023	.16850	.58938	10.966

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Analysis Report 04/29/04 12:35:22 PM page 1

Method: 6010B Sample Name: S2243-01A Operator: DR
Run Time: 04/29/04 12:33:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71062	1.7173	.86280	1.7314	.70480	1.8120	2.1173
SDev	.00353	.0149	.00170	.0027	.00117	.0095	.0066
%RSD	.49634	.86685	.19665	.15390	.16641	.52363	.31223
#1	.71312	1.7068	.86160	1.7296	.70397	1.8187	2.1220
#2	.70813	1.7278	.86400	1.7333	.70563	1.8053	2.1126

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17161	.17257	58.204	.35471	.16799	.25600	78.526
SDev	.00016	.00003	.179	.00053	.00006	.00122	.099
%RSD	.09415	.01865	.30762	.15077	.03881	.47713	.12578
#1	.17172	.17255	58.331	.35509	.16794	.25687	78.596
#2	.17150	.17259	58.077	.35433	.16803	.25514	78.456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6530	14.742	.42970	.07114	47.398	.25509	.16860
SDev	.0073	.035	.00154	.00040	.478	.00059	.00072
%RSD	.27605	.23821	.35911	.56733	1.0076	.23101	.42709
#1	2.6582	14.767	.43079	.07085	47.736	.25551	.16911
#2	2.6478	14.717	.42861	.07142	47.061	.25468	.16809

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.165	.70755	.69608	.87311	.85536	1.7268	1.7320
SDev	.135	.00231	.00110	.00205	.00343	.0110	.0095
%RSD	.83576	.32640	.15858	.23466	.40045	.63753	.54799
#1	16.261	.70592	.69686	.87455	.85294	1.7345	1.7253
#2	16.070	.70919	.69530	.87166	.85778	1.7190	1.7387

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.32634	.57566	.16775	.58178	10.937
SDev	.00073	.00031	.00082	.00174	.030
%RSD	.22262	.05441	.48721	.29938	.27226
#1	.32685	.57588	.16833	.58302	10.958
#2	.32582	.57544	.16717	.58055	10.916

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Method: 6010B Sample Name: S2243-02 Operator: DR
Run Time: 04/29/04 12:35:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01209	.00361	.01775	-.00028	-.01057	.04479	.28792
SDev	.00000	.00153	.00028	.00117	.00043	.00146	.00090
%RSD	.02927	42.417	1.5582	415.33	4.0724	3.2607	.31374
#1	.01209	.00470	.01756	-.00111	-.01087	.04582	.28856
#2	.01209	.00253	.01795	.00055	-.01026	.04376	.28728

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00171	78.131	.00156	-.00334	-.00980	77.459
SDev	.00000	.00032	.321	.00025	.00016	.00031	.312
%RSD	.25464	19.045	.41140	15.771	4.8477	3.2020	.40289
#1	-.00021	.00148	78.359	.00173	-.00346	-.00958	77.679
#2	-.00021	.00194	77.904	.00139	-.00323	-.01002	77.238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6511	20.529	-.00187	-.00714	118.11	-.00302	-.00642
SDev	.0102	.079	.00060	.00059	.53	.00025	.00012
%RSD	.38417	.38578	32.187	8.2861	.45258	8.1652	1.8570
#1	2.6583	20.585	-.00230	-.00756	118.48	-.00285	-.00634
#2	2.6439	20.473	-.00145	-.00672	117.73	-.00320	-.00651

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0322	-.01658	-.00172	.03078	.00925	-.00139	-.00143
SDev	.0314	.00288	.00448	.00159	.00038	.00124	.00127
%RSD	.34758	17.383	259.99	5.1767	4.1177	89.245	89.304
#1	9.0544	-.01862	.00145	.02966	.00952	-.00227	-.00233
#2	9.0100	-.01455	-.00489	.03191	.00898	-.00051	-.00053

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02349	.30684	-.00703	-.03908	10.055
SDev	.00036	.00081	.00013	.00164	.038
%RSD	1.5463	.26543	1.7880	4.2062	.37774
#1	-.02323	.30741	-.00694	-.03792	10.082
#2	-.02375	.30626	-.00712	-.04024	10.028

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 12:38:40
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9294	4.9697	4.8468	4.9404	4.8921	9.9913	10.076
SDev	.0069	.0148	.0059	.0133	.0056	.0464	.024
%RSD	.14016	.29857	.12225	.27016	.11365	.46472	.23336
#1	4.9343	4.9592	4.8510	4.9310	4.8960	10.024	10.093
#2	4.9245	4.9802	4.8426	4.9498	4.8881	9.9585	10.060

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24548	2.4497	24.333	.96975	2.4075	1.2322	4.7986
SDev	.00026	.0003	.069	.00276	.0038	.0057	.0481
%RSD	.10777	.01390	.28385	.28434	.15766	.46481	1.0030
#1	.24567	2.4495	24.382	.97170	2.4102	1.2362	4.8326
#2	.24529	2.4500	24.284	.96781	2.4048	1.2281	4.7645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4215	24.138	2.4406	1.2561	25.867	2.4262	2.4678
SDev	.0046	.076	.0032	.0020	.177	.0102	.0005
%RSD	.19182	.31676	.13298	.15764	.68600	.41936	.02163
#1	2.4248	24.192	2.4429	1.2575	25.992	2.4334	2.4682
#2	2.4183	24.084	2.4383	1.2547	25.742	2.4190	2.4674

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.847	4.9402	4.7924	4.8382	4.8492	4.9720	4.9230
SDev	.274	.0025	.0116	.0056	.0118	.0064	.0168
%RSD	1.0584	.05111	.24288	.11635	.24406	.12947	.34131
#1	26.040	4.9420	4.8006	4.8342	4.8576	4.9675	4.9111
#2	25.653	4.9384	4.7842	4.8421	4.8409	4.9766	4.9349

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9059	4.9430	4.8587	4.7450	5.2653
SDev	.0132	.0428	.0122	.0037	.0495
%RSD	.26951	.86569	.25189	.07836	.94062
#1	4.8965	4.9127	4.8674	4.7477	5.3003
#2	4.9152	4.9732	4.8501	4.7424	5.2303

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 12:40:57
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00377	.00531	.00293	.00315	-.00459	-.00808	-.00969
SDev	.00262	.00222	.00157	.00586	.00085	.00182	.00048
%RSD	69.331	41.698	53.565	186.21	18.519	22.496	4.9513
#1	.00562	.00688	.00405	.00729	-.00399	-.00936	-.00935
#2	.00192	.00375	.00182	-.00100	-.00519	-.00679	-.01003

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00048	.00334	-.00082	-.00394	-.00566	.02179
SDev	.00004	.00020	.00492	.00008	.00107	.00012	.00449
%RSD	23.276	40.809	147.02	9.3688	27.167	2.0480	20.619
#1	-.00014	.00062	.00682	-.00076	-.00318	-.00558	.01861
#2	-.00019	.00034	-.00013	-.00087	-.00470	-.00574	.02496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.01400	-.00186	-.00129	.15015	-.00224	-.00453
SDev	.00037	.00374	.00130	.00084	.36475	.00012	.00072
%RSD	38.607	26.686	69.968	64.863	242.93	5.2188	15.910
#1	.00121	-.01136	-.00094	-.00070	.40807	-.00216	-.00402
#2	.00069	-.01664	-.00278	-.00189	-.10777	-.00232	-.00504

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00305	-.00496	-.00704	-.00159	.00319	.00754	-.00065
SDev	.03083	.00169	.00084	.00208	.00132	.00674	.00542
%RSD	1012.5	34.092	11.906	131.13	41.222	89.453	837.83
#1	.01876	-.00377	-.00763	-.00012	.00412	.01231	.00318
#2	-.02485	-.00616	-.00644	-.00306	.00226	.00277	-.00448

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01421	-.03871	-.00525	-.00862	-.00928
SDev	.00430	.01084	.00008	.00018	.00000
%RSD	30.300	27.999	1.5955	2.0422	.00000
#1	-.01116	-.03105	-.00519	-.00850	-.00928
#2	-.01725	-.04638	-.00531	-.00875	-.00928

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Method: 6010B Sample Name: S2254-01 Operator: DR
Run Time: 04/29/04 12:44:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00356	.00794	.00282	.00009	-.00815	.09613	.07280
SDev	.00188	.00451	.00139	.00014	.00027	.00401	.00080
%RSD	52.901	56.773	49.390	154.72	3.3086	4.1735	1.0985
#1	.00223	.00475	.00381	.00018	-.00834	.09896	.07337
#2	.00488	.01113	.00184	-.00001	-.00796	.09329	.07223

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00029	41.011	.00520	-.00376	-.00585	.22576
SDev	.00002	.00012	.044	.00034	.00029	.00040	.00786
%RSD	7.0391	41.681	.10737	6.6483	7.7689	6.9130	3.4806
#1	-.00021	.00020	41.043	.00495	-.00396	-.00613	.23131
#2	-.00023	.00037	40.980	.00544	-.00355	-.00556	.22020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04790	8.8267	.00305	-.00222	31.534	-.00139	.01151
SDev	.00030	.0682	.00041	.00144	.051	.00012	.00044
%RSD	.62136	.77311	13.457	64.778	.16325	8.3663	3.8136
#1	.04811	8.8750	.00276	-.00324	31.498	-.00131	.01182
#2	.04769	8.7784	.00334	-.00120	31.571	-.00148	.01120

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9786	-.00908	-.00948	.00166	.00140	.00053	-.00193
SDev	.0303	.00127	.00173	.00103	.00260	.00530	.00285
%RSD	1.5300	13.960	18.254	61.751	185.75	1000.8	147.41
#1	1.9572	-.00998	-.00825	.00094	.00324	-.00322	.00008
#2	2.0000	-.00818	-.01070	.00239	-.00044	.00428	-.00395

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01676	.02375	-.00391	-.01485	4.4282
SDev	.00073	.00031	.00027	.00198	.0046
%RSD	4.3343	1.3188	6.9755	13.309	.10292
#1	-.01625	.02353	-.00371	-.01345	4.4314
#2	-.01727	.02398	-.00410	-.01625	4.4250

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Method: 6010B Sample Name: S2254-02 Operator: DR
Run Time: 04/29/04 12:47:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00426	.00289	-.00159	-.00687	.05563	.07088
SDev	.00212	.00115	.00081	.00050	.00344	.00730	.00021
%RSD	807.13	26.897	27.998	31.223	49.998	13.126	.30081
#1	.00176	.00345	.00346	-.00194	-.00444	.06079	.07103
#2	-.00123	.00508	.00232	-.00124	-.00930	.05047	.07073

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00030	41.247	-.00069	-.00376	-.00712	.10751
SDev	.00002	.00016	.086	.00038	.00127	.00081	.00673
%RSD	6.1198	54.892	.20756	55.840	33.681	11.379	6.2627
#1	-.00024	.00041	41.186	-.00042	-.00286	-.00655	.11227
#2	-.00026	.00018	41.307	-.00096	-.00465	-.00769	.10275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03474	9.0217	-.00158	-.00224	31.405	-.00157	.01186
SDev	.00005	.0237	.00034	.00100	.423	.00012	.00004
%RSD	.13223	.26225	21.598	44.897	1.3481	7.4872	.32736
#1	.03471	9.0049	-.00134	-.00153	31.704	-.00149	.01188
#2	.03477	9.0384	-.00183	-.00295	31.105	-.00166	.01183

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0666	-.01078	-.00225	-.00090	.00278	-.00203	-.00297
SDev	.0348	.00691	.00351	.00137	.00053	.00205	.00177
%RSD	1.6819	64.053	155.82	152.14	19.094	101.22	59.622
#1	2.0911	-.00590	-.00473	.00007	.00316	-.00058	-.00422
#2	2.0420	-.01566	.00023	-.00186	.00241	-.00348	-.00172

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01837	.02406	-.00525	-.01503	4.1110
SDev	.00020	.00013	.00050	.00204	.0023
%RSD	1.0877	.52072	9.5727	13.540	.05543
#1	-.01823	.02415	-.00490	-.01359	4.1094
#2	-.01851	.02398	-.00561	-.01647	4.1126

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Method: 6010B Sample Name: S2254-03 Operator: DR
Run Time: 04/29/04 12:49:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00336	.00460	.00220	.00155	-.00453	.06156	.06918
SDev	.00032	.00430	.00176	.00172	.00331	.00110	.00027
%RSD	9.6264	93.596	80.333	110.92	73.119	1.7871	.38541
#1	.00359	.00156	.00344	.00276	-.00219	.06079	.06937
#2	.00313	.00764	.00095	.00033	-.00687	.06234	.06899

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00026	40.306	.00154	-.00383	-.00585	.11226
SDev	.00002	.00011	.121	.00023	.00104	.00052	.00224
%RSD	6.3173	42.000	.30114	14.819	27.139	8.8980	1.9993
#1	-.00024	.00034	40.392	.00171	-.00456	-.00622	.11067
#2	-.00026	.00019	40.220	.00138	-.00309	-.00549	.11385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03414	8.8131	-.00071	-.00195	30.717	-.00140	.00684
SDev	.00030	.0257	.00001	.00044	.388	.00012	.00024
%RSD	.87177	.29106	1.3653	22.637	1.2623	8.2988	3.5076
#1	.03435	8.8313	-.00072	-.00226	30.991	-.00149	.00701
#2	.03393	8.7950	-.00071	-.00164	30.443	-.00132	.00667

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0095	-.00717	-.00244	.00174	.00042	.00606	-.00240
SDev	.0101	.00376	.00241	.00264	.00133	.00460	.00014
%RSD	.50216	52.432	98.883	151.25	314.22	75.920	5.7557
#1	2.0024	-.00451	-.00073	.00361	.00136	.00931	-.00230
#2	2.0166	-.00983	-.00414	-.00012	-.00052	.00281	-.00250

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01810	.02331	-.00528	-.01296	4.0088
SDev	.00047	.00006	.00017	.00141	.0082
%RSD	2.6093	.26875	3.1730	10.876	.20464
#1	-.01843	.02335	-.00540	-.01395	4.0146
#2	-.01776	.02327	-.00517	-.01196	4.0030

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Method: 6010B Sample Name: S2244-05 Operator: DR
Run Time: 04/29/04 12:51:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00335	.00170	.00086	-.00080	-.00735	-.00730	-.01192
SDev	.00126	.00478	.00045	.00297	.00057	.00072	.00011
%RSD	37.657	281.23	52.208	373.15	7.7174	9.8765	.89494
#1	.00246	-.00168	.00118	.00130	-.00776	-.00781	-.01184
#2	.00425	.00508	.00054	-.00290	-.00695	-.00679	-.01199

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.00006	-.00551	-.00113	-.00360	-.00378	-.00759
SDev	.00001	.00004	.00760	.00010	.00026	.00104	.00113
%RSD	3.7570	65.439	138.02	8.5075	7.2158	27.523	14.927
#1	-.00026	-.00009	-.00013	-.00120	-.00341	-.00304	-.00839
#2	-.00025	-.00003	-.01088	-.00106	-.00378	-.00452	-.00679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	-.02791	-.00184	-.00130	.13853	-.00174	-.00591
SDev	.00007	.00996	.00039	.00060	.11501	.00082	.00044
%RSD	20.716	35.692	21.287	46.062	83.024	46.881	7.4468
#1	-.00028	-.03496	-.00156	-.00173	.05720	-.00117	-.00560
#2	-.00038	-.02087	-.00211	-.00088	.21986	-.00232	-.00622

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00330	-.00682	-.01163	-.00201	.00029	.00364	-.00461
SDev	.01177	.00038	.00246	.00043	.00089	.00300	.00295
%RSD	357.06	5.5183	21.139	21.578	302.40	82.624	64.059
#1	-.00503	-.00655	-.01337	-.00232	.00092	.00576	-.00252
#2	.01162	-.00709	-.00989	-.00171	-.00033	.00151	-.00669

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01939	-.05382	-.00605	-.01123	-.01153
SDev	.00074	.00000	.00008	.00229	.00137
%RSD	3.8395	.00000	1.3846	20.396	11.855
#1	-.01887	-.05382	-.00599	-.00961	-.01250
#2	-.01992	-.05382	-.00611	-.01284	-.01057

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Method: 6010B Sample Name: S2264-06 Operator: DR
Run Time: 04/29/04 12:53:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00356	.00135	-.00100	-.00817	-.00577	-.01226
SDev	.00085	.00458	.00133	.00103	.00006	.00073	.00005
%RSD	210.74	128.55	98.028	102.77	.68308	12.669	.43504
#1	.00101	.00032	.00229	-.00173	-.00821	-.00525	-.01222
#2	-.00020	.00679	.00042	-.00027	-.00813	-.00628	-.01229

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	-.00006	-.01531	-.00143	-.00412	-.00537	-.00519
SDev	.00001	.00033	.00045	.00063	.00023	.00064	.00001
%RSD	3.1505	560.37	2.9208	44.317	5.5060	11.828	.09614
#1	-.00027	-.00029	-.01499	-.00098	-.00428	-.00492	-.00519
#2	-.00026	.00017	-.01562	-.00187	-.00396	-.00582	-.00519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	-.02457	-.00328	-.00198	-.01328	-.00298	-.00582
SDev	.00005	.00174	.00040	.00004	.00986	.00023	.00024
%RSD	8.4923	7.0969	12.213	2.0177	74.240	7.8701	4.1252
#1	-.00057	-.02333	-.00357	-.00201	-.02025	-.00282	-.00565
#2	-.00051	-.02580	-.00300	-.00195	-.00631	-.00315	-.00599

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02009	-.01200	-.00369	-.00125	.00065	.00429	-.00525
SDev	.01233	.00037	.00092	.00029	.00185	.00178	.00066
%RSD	61.387	3.1122	24.832	23.028	282.87	41.479	12.579
#1	-.01137	-.01174	-.00434	-.00104	.00196	.00303	-.00571
#2	-.02881	-.01227	-.00304	-.00145	-.00065	.00554	-.00478

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01959	-.05510	-.00642	-.01091	-.00874
SDev	.00051	.00056	.00019	.00031	.00501
%RSD	2.5963	1.0233	2.9357	2.8706	57.361
#1	-.01995	-.05470	-.00629	-.01113	-.01229
#2	-.01923	-.05550	-.00656	-.01069	-.00520

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Method: 6010B Sample Name: S2265-05 Operator: DR
Run Time: 04/29/04 12:55:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00213	.00023	.00057	-.00285	-.00541	-.00396	-.01245
SDev	.00129	.00552	.00054	.00214	.00426	.00036	.00000
%RSD	60.692	2405.4	94.655	75.156	78.681	9.1044	.00045
#1	.00122	-.00367	.00096	-.00133	-.00240	-.00421	-.01245
#2	.00304	.00413	.00019	-.00436	-.00842	-.00370	-.01245

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00048	-.01926	-.00154	-.00435	-.00488	-.00281
SDev	.00000	.00006	.00112	.00033	.00003	.00098	.00561
%RSD	.43681	12.875	5.8037	21.213	.74466	20.129	199.24
#1	-.00024	-.00052	-.01847	-.00131	-.00433	-.00419	.00115
#2	-.00024	-.00043	-.02005	-.00177	-.00438	-.00558	-.00678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	-.02668	-.00197	-.00212	-.01444	-.00265	-.00639
SDev	.00005	.00324	.00015	.00064	.13747	.00047	.00008
%RSD	6.2027	12.136	7.4435	30.277	951.94	17.644	1.2301
#1	-.00070	-.02439	-.00187	-.00167	.08276	-.00232	-.00633
#2	-.00077	-.02897	-.00207	-.00258	-.11164	-.00299	-.00645

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02485	-.00649	-.00646	-.00336	.00054	.00032	-.00613
SDev	.01906	.00310	.00658	.00022	.00092	.00107	.00281
%RSD	76.709	47.791	101.77	6.4162	170.38	335.56	45.923
#1	-.01137	-.00429	-.00181	-.00352	.00119	.00108	-.00414
#2	-.03833	-.00868	-.01112	-.00321	-.00011	-.00044	-.00812

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01965	-.05537	-.00651	-.01175	-.01067
SDev	.00053	.00157	.00027	.00104	.00592
%RSD	2.6803	2.8288	4.1825	8.8259	55.509
#1	-.01928	-.05426	-.00632	-.01249	-.00648
#2	-.02002	-.05648	-.00671	-.01102	-.01486

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Method: 6010B Sample Name: S2266-01 Operator: DR
Run Time: 04/29/04 12:57:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	-.00029	-.00040	-.00390	-.00949	.01770	-.01267
SDev	.00185	.00006	.00065	.00068	.00234	.02443	.00011
%RSD	457.14	22.075	162.60	17.460	24.691	138.01	.84159
#1	.00171	-.00025	-.00086	-.00438	-.00784	.00043	-.01260
#2	-.00090	-.00034	.00006	-.00342	-.01115	.03498	-.01275

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	-.00023	-.02321	-.00118	-.00456	-.00521	-.00361
SDev	.00000	.00019	.00179	.00090	.00039	.00087	.00001
%RSD	.50114	84.631	7.7049	76.132	8.5354	16.642	.28713
#1	-.00026	-.00009	-.02194	-.00055	-.00428	-.00460	-.00361
#2	-.00026	-.00036	-.02447	-.00182	-.00483	-.00582	-.00360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	-.02492	-.00338	-.00161	.01460	-.00290	-.00647
SDev	.00016	.00523	.00095	.00160	.25631	.00059	.00020
%RSD	21.312	20.990	28.066	99.193	1755.1	20.196	3.0776
#1	-.00064	-.02122	-.00271	-.00048	.19585	-.00249	-.00633
#2	-.00086	-.02862	-.00405	-.00275	-.16664	-.00332	-.00662

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02604	-.01144	-.00880	-.00248	-.00136	-.00003	-.00743
SDev	.06111	.00371	.00039	.00145	.00025	.00408	.00306
%RSD	234.69	32.424	4.4272	58.641	18.618	15085.	41.130
#1	.01717	-.00882	-.00908	-.00351	-.00154	.00286	-.00959
#2	-.06924	-.01406	-.00853	-.00145	-.00118	-.00291	-.00527

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02063	-.05497	-.00657	-.00970	-.01110
SDev	.00085	.00063	.00031	.00112	.00380
%RSD	4.1383	1.1397	4.7825	11.495	34.206
#1	-.02123	-.05541	-.00635	-.01049	-.00842
#2	-.02002	-.05453	-.00680	-.00892	-.01379

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Method: 6010B Sample Name: S2288-25 Operator: DR
Run Time: 04/29/04 12:59:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00246	-.00049	-.00195	-.00751	.00223	-.01278
SDev	.00359	.00020	.00035	.00153	.00099	.00839	.00016
%RSD	1383.1	8.1770	71.614	78.617	13.182	375.87	1.2510
#1	.00279	.00232	-.00074	-.00303	-.00821	.00816	-.01267
#2	-.00228	.00261	-.00024	-.00086	-.00681	-.00370	-.01290

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00004	-.02558	-.00143	-.00392	-.00587	-.02186
SDev	.00001	.00004	.00022	.00048	.00013	.00006	.00337
%RSD	3.0789	108.58	.87385	33.578	3.3099	.98205	15.397
#1	-.00026	.00001	-.02542	-.00109	-.00401	-.00591	-.01948
#2	-.00025	.00006	-.02574	-.00177	-.00383	-.00582	-.02424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	-.02774	-.00348	-.00154	-.00321	-.00282	-.00656
SDev	.00000	.00075	.00068	.00012	.12816	.00000	.00008
%RSD	.00144	2.6939	19.655	7.9072	3992.5	.03570	1.2290
#1	-.00080	-.02826	-.00397	-.00145	.08741	-.00282	-.00661
#2	-.00080	-.02721	-.00300	-.00162	-.09383	-.00282	-.00650

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03515	-.00768	-.01037	-.00182	-.00183	.00314	-.00608
SDev	.01794	.00084	.00466	.00034	.00036	.00187	.00323
%RSD	51.030	10.985	44.953	18.777	19.558	59.623	53.065
#1	-.02247	-.00708	-.01367	-.00206	-.00208	.00446	-.00837
#2	-.04784	-.00828	-.00708	-.00157	-.00158	.00181	-.00380

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02059	-.05621	-.00666	-.01345	-.01379
SDev	.00011	.00013	.00027	.00215	.00547
%RSD	.52928	.22292	4.0895	16.000	39.663
#1	-.02051	-.05612	-.00647	-.01193	-.00992
#2	-.02067	-.05630	-.00685	-.01498	-.01766

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Method: 6010B Sample Name: S2290-05 Operator: DR
Run Time: 04/29/04 13:01:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	.00308	.00010	-.00293	-.00963	.00816	-.01286
SDev	.00341	.00444	.00099	.00235	.00025	.00364	.00005
%RSD	266.70	144.07	996.71	79.919	2.6474	44.654	.41228
#1	-.00369	-.00006	-.00060	-.00128	-.00981	.00559	-.01290
#2	.00113	.00622	.00080	-.00459	-.00945	.01074	-.01282

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.00021	-.02763	-.00154	-.00442	-.00529	-.02345
SDev	.00002	.00018	.00000	.00052	.00007	.00041	.03031
%RSD	6.4903	87.241	.00000	33.706	1.4728	7.6873	129.25
#1	-.00026	-.00033	-.02763	-.00190	-.00438	-.00558	-.04489
#2	-.00024	-.00008	-.02763	-.00117	-.00447	-.00501	-.00202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	-.02985	-.00330	-.00259	-.24099	-.00266	-.00641
SDev	.00007	.00125	.00116	.00047	.06791	.00023	.00044
%RSD	8.0872	4.1719	35.284	18.080	28.180	8.7227	6.7978
#1	-.00090	-.02897	-.00412	-.00225	-.19297	-.00249	-.00672
#2	-.00080	-.03073	-.00247	-.00292	-.28901	-.00282	-.00611

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06171	-.01526	-.00156	-.00352	-.00009	.00342	-.00771
SDev	.00841	.00282	.00487	.00084	.00106	.00129	.00287
%RSD	13.626	18.456	313.49	23.754	1138.3	37.612	37.300
#1	-.06766	-.01725	.00189	-.00411	-.00084	.00433	-.00567
#2	-.05577	-.01327	-.00500	-.00293	.00066	.00251	-.00974

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01982	-.05550	-.00674	-.01247	-.01067
SDev	.00029	.00050	.00025	.00194	.00106
%RSD	1.4663	.90306	3.7334	15.535	9.9632
#1	-.01961	-.05515	-.00691	-.01384	-.01143
#2	-.02002	-.05586	-.00656	-.01110	-.00992

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Method: 6010B Sample Name: S2294-03 Operator: DR
Run Time: 04/29/04 13:03:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00185	-.00122	-.00361	-.00672	.00945	-.01271
SDev	.00006	.00107	.00259	.00026	.00241	.00328	.00005
%RSD	11.729	58.137	211.67	7.2980	35.891	34.686	.41973
#1	.00047	.00109	-.00306	-.00379	-.00842	.01177	-.01275
#2	.00055	.00261	.00061	-.00342	-.00501	.00713	-.01267

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.00023	-.02921	-.00162	-.00451	-.00546	-.01154
SDev	.00000	.00007	.00000	.00052	.00071	.00017	.00225
%RSD	.10501	31.211	.00000	32.007	15.816	3.1822	19.476
#1	-.00025	-.00018	-.02921	-.00198	-.00502	-.00558	-.00995
#2	-.00025	-.00029	-.02921	-.00125	-.00401	-.00533	-.01313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	-.03231	-.00362	-.00199	-.13372	-.00274	-.00667
SDev	.00002	.00075	.00018	.00004	.21743	.00012	.00024
%RSD	2.3451	2.3122	4.8591	2.0643	162.60	4.3007	3.5999
#1	-.00096	-.03179	-.00350	-.00196	.02003	-.00282	-.00650
#2	-.00099	-.03284	-.00375	-.00201	-.28746	-.00265	-.00684

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05458	-.01027	-.00280	-.00483	-.00142	.00095	-.00748
SDev	.00168	.00132	.00988	.00144	.00460	.00227	.00153
%RSD	3.0815	12.825	353.21	29.724	323.86	239.30	20.446
#1	-.05339	-.00934	-.00978	-.00382	-.00468	.00255	-.00856
#2	-.05577	-.01120	.00419	-.00585	.00183	-.00066	-.00640

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02028	-.05679	-.00660	-.01040	-.01046
SDev	.00004	.00044	.00027	.00010	.00349
%RSD	.17911	.77230	4.1262	.94125	33.409
#1	-.02031	-.05648	-.00641	-.01046	-.01293
#2	-.02025	-.05710	-.00680	-.01033	-.00799

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 13:04:58
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8643	4.9369	4.7472	4.8485	4.8168	9.6024	9.8671
SDev	.0054	.0080	.0371	.0592	.0114	.0326	.0263
%RSD	.11048	.16111	.78217	1.2215	.23714	.34002	.26640
#1	4.8605	4.9312	4.7209	4.8066	4.8087	9.5793	9.8486
#2	4.8681	4.9425	4.7734	4.8903	4.8249	9.6255	9.8857

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24063	2.4117	23.755	.94813	2.3566	1.1993	4.5882
SDev	.00047	.0015	.019	.00097	.0022	.0018	.0261
%RSD	.19326	.06034	.07811	.10267	.09362	.15391	.56872
#1	.24030	2.4107	23.742	.94881	2.3551	1.2006	4.5697
#2	.24096	2.4128	23.768	.94744	2.3582	1.1980	4.6066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3592	23.792	2.3933	1.2320	25.319	2.3739	2.4244
SDev	.0035	.184	.0004	.0014	.938	.0210	.0060
%RSD	.14747	.77358	.01632	.11451	3.7054	.88622	.24894
#1	2.3568	23.922	2.3930	1.2310	25.982	2.3888	2.4202
#2	2.3617	23.662	2.3936	1.2330	24.656	2.3590	2.4287

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.948	4.8790	4.6891	4.7513	4.7431	4.8873	4.8275
SDev	.211	.0004	.0351	.0069	.0522	.0134	.0821
%RSD	.84714	.00862	.74950	.14623	1.1005	.27412	1.7007
#1	25.098	4.8793	4.6642	4.7464	4.7062	4.8778	4.7695
#2	24.799	4.8787	4.7139	4.7562	4.7800	4.8967	4.8856

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8295	4.8435	4.7247	4.6577	5.2315
SDev	.0332	.0660	.0094	.0152	.0115
%RSD	.68668	1.3620	.19871	.32689	.22070
#1	4.8061	4.7970	4.7181	4.6469	5.2397
#2	4.8530	4.8903	4.7314	4.6685	5.2234

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 13:06:58
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00288	.00270	.00310	.00269	-.00394	-.00602	-.01086
SDev	.00035	.00955	.00124	.00373	.00249	.00402	.00021
%RSD	12.267	353.78	39.850	138.57	63.273	66.700	1.9629
#1	.00313	-.00405	.00397	.00533	-.00218	-.00886	-.01101
#2	.00263	.00945	.00223	.00005	-.00570	-.00318	-.01071

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00062	-.02763	-.00151	-.00378	-.00729	-.01551
SDev	.00002	.00026	.00000	.00025	.00045	.00069	.00786
%RSD	7.9523	42.150	.00000	16.521	12.017	9.5190	50.649
#1	-.00020	.00080	-.02763	-.00133	-.00410	-.00779	-.02107
#2	-.00018	.00043	-.02763	-.00168	-.00346	-.00680	-.00996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.03002	-.00250	-.00221	-.20033	-.00274	-.00503
SDev	.00000	.00050	.00035	.00044	.29739	.00012	.00000
%RSD	.03382	1.6590	14.068	20.042	148.45	4.2645	.03015
#1	-.00041	-.03038	-.00275	-.00253	.00996	-.00282	-.00503
#2	-.00041	-.02967	-.00225	-.00190	-.41061	-.00265	-.00503

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06370	-.00436	-.00630	.00220	.00155	.01062	-.00287
SDev	.01458	.00442	.00136	.00211	.00080	.00828	.00146
%RSD	22.883	101.32	21.643	96.024	51.417	77.967	50.816
#1	-.05339	-.00124	-.00726	.00369	.00212	.01647	-.00184
#2	-.07400	-.00748	-.00533	.00071	.00099	.00476	-.00390

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01501	-.03991	-.00567	-.01027	-.01218
SDev	.00262	.00677	.00004	.00067	.00927
%RSD	17.418	16.955	.73934	6.4781	76.100
#1	-.01317	-.03512	-.00564	-.01074	-.01873
#2	-.01686	-.04469	-.00570	-.00980	-.00562

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Method: 6010B Sample Name: S2244-03 Operator: DR
Run Time: 04/29/04 13:09:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00741	.00754	.01361	-.00236	-.00705	.12373	.10544
SDev	.00041	.00337	.00089	.00081	.00103	.00365	.00000
%RSD	5.5223	44.689	6.5043	34.421	14.560	2.9528	.00162
#1	.00770	.00516	.01298	-.00178	-.00632	.12631	.10545
#2	.00712	.00992	.01424	-.00293	-.00778	.12114	.10544

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00138	41.955	.00051	-.00387	.00422	49.911
SDev	.00001	.00008	.055	.00025	.00006	.00010	.171
%RSD	8.0490	5.9855	.12999	48.678	1.6762	2.4155	.34189
#1	-.00016	.00132	41.917	.00034	-.00392	.00429	49.790
#2	-.00018	.00144	41.994	.00069	-.00383	.00415	50.032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80439	32.998	.00073	-.00352	228.91	-.00098	.02652
SDev	.00172	.033	.00065	.00213	.78	.00069	.00005
%RSD	.21340	.10038	89.893	60.480	.34046	70.490	.18871
#1	.80318	33.022	.00026	-.00202	228.36	-.00049	.02649
#2	.80560	32.975	.00119	-.00503	229.47	-.00148	.02656

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.113	-.01254	.00075	.01971	.00857	.00003	-.00525
SDev	.003	.00015	.00278	.00214	.00026	.00255	.00235
%RSD	.01116	1.1992	369.85	10.860	3.0190	8997.3	44.786
#1	25.111	-.01244	.00272	.01819	.00838	-.00178	-.00359
#2	25.115	-.01265	-.00121	.02122	.00875	.00183	-.00691

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01626	.21917	-.00220	-.01893	5.9920
SDev	.00111	.00288	.00013	.00086	.0175
%RSD	6.8133	1.3150	5.7116	4.5478	.29157
#1	-.01548	.21713	-.00211	-.01954	5.9796
#2	-.01704	.22120	-.00229	-.01832	6.0044

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Analysis Report QC Standard 04/29/04 01:14:08 PM page

Method: 6010B Sample Name: PB13893BL Operator: DR
Run Time: 04/29/04 13:12:20
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.00063	-.00035	.00029	-.00690	.00043	-.01188
SDev	.00100	.00309	.00135	.00257	.00195	.01022	.00016
%RSD	95.250	492.15	389.68	889.27	28.257	2388.6	1.3450
#1	.00176	-.00282	-.00130	.00211	-.00552	.00765	-.01177
#2	.00034	.00156	.00061	-.00153	-.00828	-.00680	-.01199

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00009	-.02210	-.00098	-.00396	-.00521	-.00202
SDev	.00001	.00011	.00380	.00038	.00000	.00075	.01796
%RSD	3.7703	112.00	17.193	39.113	.00646	14.448	888.28
#1	-.00023	.00002	-.01942	-.00071	-.00396	-.00468	.01068
#2	-.00021	.00017	-.02479	-.00125	-.00396	-.00574	-.01472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	-.02087	-.00342	-.00116	.21443	-.00265	-.00605
SDev	.00011	.00100	.00128	.00001	.24317	.00024	.00024
%RSD	23.229	4.7741	37.433	.66012	113.40	8.8635	3.9178
#1	-.00041	-.02016	-.00252	-.00116	.38638	-.00249	-.00588
#2	-.00057	-.02157	-.00433	-.00117	.04249	-.00282	-.00622

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02366	-.00911	-.00567	-.00133	-.00185	.00468	-.00350
SDev	.01626	.00258	.00068	.00205	.00100	.00061	.00355
%RSD	68.717	28.333	12.043	154.01	53.866	13.132	101.32
#1	-.01216	-.00729	-.00519	-.00278	-.00256	.00511	-.00099
#2	-.03515	-.01094	-.00615	.00012	-.00115	.00424	-.00601

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01851	-.04996	-.00620	-.00955	-.00895
SDev	.00084	.00169	.00029	.00200	.00441
%RSD	4.5140	3.3856	4.7302	20.898	49.198
#1	-.01910	-.04877	-.00599	-.00814	-.00584
#2	-.01792	-.05116	-.00641	-.01096	-.01207

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Analysis Report QC Standard 04/29/04 01:16:00 PM page 1

Method: 6010B Sample Name: PB13894BL Operator: DR
Run Time: 04/29/04 13:14:17
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	.00722	-.00013	-.00314	-.00868	.00429	-.01222
SDev	.00056	.00276	.00192	.00315	.00158	.00182	.00011
%RSD	24.122	38.207	1502.4	100.38	18.191	42.465	.87185
#1	.00192	.00917	-.00148	-.00536	-.00980	.00558	-.01214
#2	.00271	.00527	.00123	-.00091	-.00756	.00300	-.01229

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00018	-.01942	-.00141	-.00440	-.00615	-.00678
SDev	.00000	.00004	.00000	.00034	.00016	.00035	.01123
%RSD	.00018	20.886	.00000	24.407	3.6902	5.6249	165.57
#1	-.00021	-.00015	-.01942	-.00166	-.00451	-.00639	.00116
#2	-.00021	-.00021	-.01942	-.00117	-.00428	-.00591	-.01472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	-.01787	-.00255	-.00269	.09244	-.00282	-.00628
SDev	.00002	.00075	.00050	.00056	.10650	.00000	.00016
%RSD	3.1764	4.1803	19.550	20.645	115.53	.00634	2.5339
#1	-.00073	-.01840	-.00220	-.00308	.16796	-.00282	-.00616
#2	-.00070	-.01734	-.00290	-.00230	.01693	-.00282	-.00639

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03357	-.00921	-.01082	-.00159	-.00140	.00546	-.00903
SDev	.00336	.00103	.00267	.00083	.00329	.00049	.00448
%RSD	10.020	11.215	24.701	52.418	234.95	8.9758	49.592
#1	-.03119	-.00994	-.01271	-.00100	-.00372	.00511	-.01219
#2	-.03595	-.00848	-.00893	-.00217	.00092	.00580	-.00586

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01874	-.05435	-.00641	-.01112	-.00874
SDev	.00000	.00100	.00025	.00112	.00501
%RSD	.00000	1.8444	3.9233	10.036	57.361
#1	-.01874	-.05364	-.00623	-.01033	-.00520
#2	-.01874	-.05506	-.00659	-.01190	-.01229

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Analysis Report QC Standard 04/29/04 01:18:22 PM page 1

Method: 6010B Sample Name: PB13893BS Operator: DR
Run Time: 04/29/04 13:16:37
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74968	1.9258	.93833	1.8640	.75306	1.8171	1.9449
SDev	.00285	.0093	.00052	.0036	.00343	.0062	.0006
%RSD	.38003	.48549	.05556	.19186	.45547	.34152	.03016
#1	.74766	1.9324	.93870	1.8665	.75064	1.8215	1.9453
#2	.75169	1.9192	.93797	1.8614	.75549	1.8128	1.9445

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18683	.19068	4.7040	.37287	.18314	.27356	2.5842
SDev	.00004	.00020	.0009	.00036	.00107	.00202	.0022
%RSD	.02075	.10278	.01901	.09766	.58468	.73969	.08654
#1	.18680	.19054	4.7046	.37313	.18390	.27499	2.5858
#2	.18686	.19082	4.7033	.37262	.18239	.27213	2.5826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18657	1.8179	.47382	.07086	3.1389	.27184	.21440
SDev	.00016	.0012	.00011	.00056	.0193	.00000	.00028
%RSD	.08609	.06850	.02271	.79252	.61353	.00027	.13127
#1	.18646	1.8170	.47374	.07125	3.1526	.27184	.21420
#2	.18668	1.8187	.47389	.07046	3.1253	.27184	.21460

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5271	.75750	.74097	.93061	.93979	1.8657	1.8613
SDev	.0351	.00357	.00314	.00169	.00162	.0012	.0060
%RSD	.36858	.47164	.42433	.18106	.17268	.06571	.32095
#1	9.5520	.75497	.73875	.92942	.94094	1.8648	1.8655
#2	9.5023	.76002	.74319	.93180	.93865	1.8666	1.8571

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36019	Q.22984	.17728	.64014	Q.74441
SDev	.00022	.00031	.00059	.00004	.00213
%RSD	.06051	.13630	.33099	.00612	.28572
#1	.36034	Q.22962	.17686	.64017	Q.74291
#2	.36003	Q.23006	.17769	.64011	Q.74592

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Analysis Report QC Standard 04/29/04 01:20:49 PM page 1

Method: 6010B Sample Name: PB13894BS Operator: DR
Run Time: 04/29/04 13:18:31
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74523	1.9127	.94094	1.8642	.75268	1.8032	1.9348
SDev	.00044	.0141	.00081	.0038	.00017	.0135	.0066
%RSD	.05881	.73874	.08636	.20180	.02282	.74852	.34172
#1	.74554	1.9227	.94036	1.8615	.75256	1.7937	1.9302
#2	.74492	1.9027	.94151	1.8668	.75281	1.8128	1.9395

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18611	.18986	4.6825	.37186	.18246	.27188	2.5675
SDev	.00047	.00017	.0112	.00130	.00003	.00139	.0146
%RSD	.24973	.09063	.23868	.35047	.01776	.51057	.56811
#1	.18578	.18974	4.6746	.37094	.18248	.27090	2.5572
#2	.18644	.18999	4.6904	.37278	.18243	.27286	2.5778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18548	1.8135	.47166	.07077	3.3800	.27101	.21251
SDev	.00046	.0025	.00021	.00092	.4003	.00024	.00024
%RSD	.24664	.13734	.04360	1.2927	11.844	.08734	.11100
#1	.18516	1.8152	.47181	.07141	Q3.6631	.27084	.21234
#2	.18581	1.8117	.47152	.07012	3.0969	.27118	.21268

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5241	.76046	.73391	.93476	.94162	1.8618	1.8636
SDev	.0549	.00079	.00107	.00045	.00100	.0040	.0037
%RSD	.57669	.10430	.14619	.04785	.10567	.21410	.19586
#1	9.4852	.75990	.73467	.93445	.94092	1.8590	1.8610
#2	9.5629	.76102	.73315	.93508	.94232	1.8646	1.8662

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36072	Q.22692	.17642	.63762	Q.73797
SDev	.00118	.00106	.00046	.00000	.00334
%RSD	.32728	.46936	.26133	.00000	.45291
#1	.36155	Q.22757	.17609	.63762	Q.74033
#2	.35988	Q.22617	.17674	.63762	Q.73561

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Method: 6010B Sample Name: S2244-04 Operator: DR
Run Time: 04/29/04 13:21:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00530	.00583	.03186	-.00464	-.00676	.61865	.91864
SDev	.00199	.00175	.00056	.00205	.00096	.00182	.00074
%RSD	37.668	30.023	1.7697	44.173	14.172	.29472	.08103
#1	.00671	.00459	.03146	-.00608	-.00744	.61736	.91811
#2	.00389	.00707	.03226	-.00319	-.00608	.61994	.91917

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00307	50.411	.00310	-.00360	.01135	124.80
SDev	.00003	.00031	.087	.00042	.00013	.00221	.21
%RSD	36.964	10.064	.17337	13.589	3.6096	19.492	.17091
#1	-.00011	.00286	50.349	.00280	-.00350	.00979	124.65
#2	-.00006	.00329	50.473	.00339	-.00369	.01292	124.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7968	28.539	-.00317	-.01118	369.76	-.00195	.05426
SDev	.0033	.050	.00014	.00045	1.98	.00001	.00040
%RSD	.18213	.17366	4.4995	4.0295	.53441	.47651	.74415
#1	1.7945	28.504	-.00327	-.01150	368.36	-.00196	.05455
#2	1.7991	28.575	-.00306	-.01086	371.16	-.00194	.05398

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.710	-.01231	.00115	.05200	.01981	-.00164	-.00783
SDev	.122	.00267	.00246	.00157	.00006	.00283	.00152
%RSD	.34222	21.655	213.42	3.0258	.30182	172.69	19.347
#1	35.624	-.01420	.00290	.05089	.01976	-.00364	-.00890
#2	35.796	-.01043	-.00059	.05311	.01985	.00036	-.00676

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02442	.05432	.01451	-.01118	6.2544
SDev	.00011	.00081	.00046	.00113	.0155
%RSD	.44632	1.4994	3.1766	10.148	.24776
#1	-.02434	.05375	.01484	-.01038	6.2435
#2	-.02449	.05490	.01419	-.01199	6.2654

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Method: 6010B Sample Name: S2244-07 Operator: DR
Run Time: 04/29/04 13:24:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16234	-.00333	.03227	-.00658	-.01145	.17351	.14472
SDev	.00356	.00224	.00052	.00321	.00426	.00547	.00005
%RSD	2.1920	67.237	1.6236	48.800	37.192	3.1553	.03450
#1	.15982	-.00491	.03264	-.00431	-.00844	.16964	.14469
#2	.16485	-.00174	.03190	-.00885	-.01447	.17738	.14476

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00349	121.51	-.00075	-.00442	.00028	152.45
SDev	.00002	.00015	.21	.00025	.00026	.00038	.34
%RSD	8.5282	4.2379	.17512	33.132	5.8669	132.43	.22310
#1	-.00019	.00338	121.36	-.00092	-.00460	.00055	152.21
#2	-.00016	.00359	121.66	-.00057	-.00424	.00002	152.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02932	47.441	-.00626	-.01189	125.57	-.00019	.00873
SDev	.00007	.108	.00092	.00025	.10	.00025	.00009
%RSD	.23391	.22837	14.725	2.1375	.07589	129.95	.99858
#1	.02937	47.364	-.00691	-.01171	125.50	-.00037	.00880
#2	.02927	47.517	-.00561	-.01207	125.64	-.00002	.00867

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.8130	-.01724	-.00308	.05686	.01800	-.00405	-.00954
SDev	.0129	.00509	.00259	.00020	.00068	.00088	.00539
%RSD	.22181	29.548	84.213	.35575	3.8035	21.697	56.530
#1	5.8221	-.01363	-.00125	.05700	.01848	-.00467	-.00573
#2	5.8039	-.02084	-.00491	.05671	.01751	-.00343	-.01336

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02404	.07559	-.00158	-.01369	17.601
SDev	.00114	.00132	.00004	.00088	.019
%RSD	4.7590	1.7406	2.6543	6.4332	.10962
#1	-.02323	.07466	-.00161	-.01307	17.587
#2	-.02485	.07652	-.00155	-.01431	17.615

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Method: 6010B Sample Name: S2264-01 Operator: DR
Run Time: 04/29/04 13:26:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00335	.00672	.00227	-.00015	-.00993	.05821	.10348
SDev	.00235	.00143	.00066	.00024	.00004	.00073	.00006
%RSD	70.193	21.302	29.238	160.61	.35502	1.2528	.05267
#1	.00169	.00773	.00273	-.00032	-.00996	.05770	.10344
#2	.00501	.00571	.00180	.00002	-.00991	.05873	.10352

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00009	115.85	.00023	-.00353	-.00456	1.0100
SDev	.00002	.00029	.08	.00010	.00003	.00109	.1179
%RSD	9.5456	315.68	.07216	40.765	.92313	23.891	11.670
#1	-.00023	-.00029	115.79	.00017	-.00350	-.00533	1.0934
#2	-.00026	.00011	115.91	.00030	-.00355	-.00379	.92669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4341	20.135	.00013	-.00381	183.57	-.00162	.01178
SDev	.0043	.031	.00060	.00135	.44	.00000	.00040
%RSD	.17582	.15462	473.31	35.414	.23778	.28058	3.4029
#1	2.4311	20.113	-.00030	-.00476	183.26	-.00162	.01150
#2	2.4372	20.157	.00055	-.00285	183.88	-.00162	.01207

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.4989	-.01169	-.00961	.00126	.00077	.00189	-.00277
SDev	.0325	.00109	.00207	.00089	.00144	.00704	.00316
%RSD	.43359	9.2896	21.543	70.769	187.10	371.76	114.14
#1	7.5219	-.01246	-.00814	.00063	.00179	-.00309	-.00053
#2	7.4759	-.01093	-.01107	.00189	-.00025	.00687	-.00500

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01916	.04493	-.00577	-.01856	5.4451
SDev	.00045	.00106	.00027	.00068	.0073
%RSD	2.3694	2.3705	4.7193	3.6904	.13393
#1	-.01884	.04568	-.00597	-.01904	5.4503
#2	-.01948	.04418	-.00558	-.01808	5.4399

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Method: 6010B Sample Name: S2264-C2 Operator: DR
Run Time: 04/29/04 13:28:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00335	.00332	.00112	-.00183	-.00650	.05953	.04874
SDev	.00035	.00303	.00019	.00057	.00145	.00037	.00027
%RSD	10.574	91.341	16.872	31.401	22.353	.61443	.54704
#1	.00310	.00118	.00125	-.00142	-.00547	.05978	.04892
#2	.00360	.00547	.00098	-.00223	-.00753	.05927	.04855

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.00014	53.160	-.00008	.00088	-.00159	1.2505
SDev	.00001	.00000	.110	.00092	.00159	.00225	.0000
%RSD	6.1169	.00025	.20646	1222.4	181.31	141.49	.00096
#1	-.00024	-.00014	53.238	-.00073	.00200	-.00319	1.2506
#2	-.00022	-.00014	53.083	.00058	-.00025	.00000	1.2505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26879	4.4316	.00251	-.00203	239.61	-.00111	.02390
SDev	.00078	.2847	.00011	.00100	.46	.00070	.00008
%RSD	.28968	6.4235	4.2784	49.200	.19016	63.106	.32908
#1	.26934	4.2303	.00244	-.00133	239.93	-.00161	.02396
#2	.26824	4.6329	.00259	-.00274	239.29	-.00062	.02385

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.049	-.00948	-.00373	-.00150	.00042	.00535	-.00701
SDev	.195	.00019	.00398	.00032	.00044	.00193	.00010
%RSD	1.7657	2.0198	106.60	21.092	103.91	36.065	1.4899
#1	11.187	-.00934	-.00092	-.00173	.00074	.00672	-.00708
#2	10.911	-.00961	-.00655	-.00128	.00011	.00399	-.00694

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01618	.27459	-.00555	-.02207	4.1026
SDev	.00085	.00257	.00004	.00022	.0202
%RSD	5.2746	.93548	.75513	.97517	.49250
#1	-.01679	.27277	-.00558	-.02192	4.1169
#2	-.01558	.27640	-.00552	-.02223	4.0883

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Method: 6010B Sample Name: S2264-03 Operator: DR
Run Time: 04/29/04 13:30:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00299	.00064	-.00038	-.00645	.03113	.08309
SDev	.00306	.00020	.00071	.00051	.00047	.00693	.00000
%RSD	846.48	6.7391	109.82	133.67	7.2567	22.257	.00003
#1	.00180	.00284	.00014	-.00074	-.00678	.03603	.08309
#2	-.00252	.00313	.00114	-.00002	-.00612	.02623	.08309

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00001	80.876	-.00182	-.00332	.01210	.35200
SDev	.00002	.00040	.139	.00004	.00052	.00069	.00224
%RSD	9.9896	5660.7	.17218	2.0290	15.635	5.7281	.63609
#1	-.00023	.00028	80.778	-.00184	-.00295	.01161	.35041
#2	-.00026	-.00029	80.975	-.00179	-.00369	.01259	.35358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40088	11.737	-.00162	-.00266	251.17	-.00181	.02583
SDev	.00046	.020	.00037	.00004	.52	.00047	.00028
%RSD	.11415	.17187	22.885	1.5342	.20889	25.778	1.0766
#1	.40055	11.723	-.00189	-.00269	250.80	-.00214	.02563
#2	.40120	11.751	-.00136	-.00263	251.54	-.00148	.02603

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.169	-.00820	-.00614	-.00080	-.00064	.00349	-.00391
SDev	.016	.00202	.00545	.00255	.00233	.00061	.00045
%RSD	.15436	24.652	88.734	318.67	365.06	17.571	11.563
#1	10.180	-.00677	-.01000	.00100	-.00228	.00306	-.00423
#2	10.158	-.00963	-.00229	-.00260	.00101	.00392	-.00359

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01725	.54655	-.00712	-.02731	4.6444
SDev	.00091	.00175	.00017	.00033	.0015
%RSD	5.2645	.32096	2.3543	1.2184	.03271
#1	-.01661	.54531	-.00700	-.02754	4.6433
#2	-.01789	.54779	-.00724	-.02707	4.6454

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 13:32:28
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8825	4.9791	4.7756	4.8865	4.8344	9.6825	9.9010
SDev	.0122	.0005	.0179	.0213	.0099	.0194	.0179
%RSD	.25032	.01025	.37450	.43686	.20550	.20043	.18095
#1	4.8739	4.9794	4.7630	4.8714	4.8273	9.6688	9.8884
#2	4.8912	4.9787	4.7883	4.9016	4.8414	9.6962	9.9137

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24091	2.4221	23.860	.94782	2.3573	1.1982	4.5947
SDev	.00055	.0048	.050	.00057	.0058	.0002	.0011
%RSD	.22697	.20014	.20985	.06051	.24634	.01476	.02291
#1	.24052	2.4187	23.824	.94741	2.3532	1.1981	4.5940
#2	.24129	2.4256	23.895	.94822	2.3614	1.1984	4.5954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3578	23.723	2.3993	1.2353	25.594	2.3601	2.4304
SDev	.0053	.043	.0064	.0018	.576	.0053	.0049
%RSD	.22618	.18057	.26615	.14890	2.2490	.22289	.20034
#1	2.3540	23.693	2.3948	1.2340	26.001	2.3564	2.4270
#2	2.3616	23.753	2.4038	1.2366	25.187	2.3638	2.4339

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.178	4.8899	4.7199	4.7449	4.7888	4.8934	4.8813
SDev	.021	.0103	.0092	.0147	.0195	.0053	.0293
%RSD	.08238	.21039	.19549	.31005	.40655	.10896	.60174
#1	25.193	4.8826	4.7134	4.7345	4.7750	4.8896	4.8605
#2	25.163	4.8972	4.7264	4.7553	4.8025	4.8972	4.9020

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8542	4.8859	4.7325	4.6544	5.3143
SDev	.0242	.0393	.0097	.0108	.0000
%RSD	.49911	.80528	.20502	.23167	.00000
#1	4.8371	4.8580	4.7257	4.6467	5.3143
#2	4.8713	4.9137	4.7394	4.6620	5.3143

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Analysis Report QC Standard 04/29/04 01:37:10 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 13:34:25
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00389	.00344	.00388	-.00415	-.00344	-.00996
SDev	.00091	.00209	.00138	.00319	.00302	.00547	.00032
%RSD	85.233	53.681	40.074	82.153	72.796	159.03	3.2132
#1	.00171	.00241	.00442	.00163	-.00201	-.00730	-.00973
#2	.00042	.00536	.00247	.00614	-.00628	.00043	-.01018

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00055	.01868	-.00182	-.00311	-.00844	-.00995
SDev	.00000	.00015	.00469	.00015	.00023	.00058	.00001
%RSD	.56963	28.305	25.134	8.4149	7.2893	6.8471	.06539
#1	-.00018	.00066	.02200	-.00171	-.00328	-.00803	-.00996
#2	-.00018	.00044	.01536	-.00193	-.00295	-.00885	-.00995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.01347	-.00191	-.00133	.09903	-.00282	-.00494
SDev	.00018	.00498	.00056	.00024	.03724	.00047	.00020
%RSD	106.27	36.977	29.127	18.008	37.607	16.586	4.0313
#1	.00030	-.00995	-.00231	-.00150	.12536	-.00249	-.00480
#2	.00004	-.01699	-.00152	-.00116	.07269	-.00315	-.00509

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06092	-.00811	.00059	-.00070	.00351	.01237	-.00205
SDev	.00280	.00277	.00351	.00245	.00084	.00089	.00448
%RSD	4.6008	34.166	592.36	351.41	24.011	7.1867	218.06
#1	-.05894	-.00615	.00308	.00104	.00411	.01174	-.00522
#2	-.06290	-.01007	-.00189	-.00243	.00291	.01300	.00111

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01360	-.03973	-.00540	-.01045	-.01336
SDev	.00167	.00714	.00017	.00108	.00122
%RSD	12.284	17.977	3.1034	10.299	9.0975
#1	-.01242	-.03468	-.00552	-.01121	-.01250
#2	-.01478	-.04478	-.00528	-.00969	-.01422

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Method: 6010B Sample Name: S2264-04 Operator: DR
Run Time: 04/29/04 13:37:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	.00637	.00219	-.00442	-.01154	.04120	.11014
SDev	.00223	.00204	.00141	.00138	.00251	.00585	.00005
%RSD	149.93	32.105	64.259	31.286	21.738	14.211	.04792
#1	.00307	.00782	.00119	-.00540	-.00976	.04534	.11010
#2	-.00009	.00492	.00318	-.00344	-.01331	.03706	.11018

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00003	83.145	-.00099	-.00362	.00390	6.6364
SDev	.00004	.00019	.517	.00094	.00159	.00167	.0550
%RSD	17.775	645.40	.62182	95.828	43.925	42.851	.82916
#1	-.00018	.00017	82.780	-.00032	-.00250	.00509	6.5975
#2	-.00023	-.00011	83.511	-.00165	-.00474	.00272	6.6753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5821	14.138	-.00169	-.00209	183.56	-.00049	.00523
SDev	.0118	.075	.00086	.00098	1.35	.00129	.00001
%RSD	.74796	.52849	50.866	47.137	.73486	263.95	.18773
#1	1.5737	14.085	-.00108	-.00139	182.61	.00042	.00524
#2	1.5904	14.191	-.00230	-.00278	184.52	-.00140	.00522

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0072	-.01599	-.00582	-.00122	.00189	-.00615	-.00516
SDev	.0174	.00573	.00395	.00178	.00122	.00365	.00025
%RSD	.19294	35.845	67.826	146.78	64.435	59.328	4.9207
#1	9.0195	-.01194	-.00861	-.00248	.00103	-.00872	-.00534
#2	8.9949	-.02004	-.00303	.00005	.00275	-.00357	-.00498

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01352	.88741	-.00601	-.01855	15.618
SDev	.00040	.01052	.00006	.00039	.014
%RSD	2.9542	1.1861	1.0461	2.1104	.09144
#1	-.01381	.87996	-.00597	-.01827	15.608
#2	-.01324	.89485	-.00605	-.01882	15.628

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Method: 6010B Sample Name: S2264-05 Operator: DR
Run Time: 04/29/04 13:39:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00580	.00114	.01112	-.00460	-.01009	5.1034	.22060
SDev	.00059	.00235	.00098	.00020	.00087	.0288	.00160
%RSD	10.172	205.23	8.7772	4.3538	8.6353	.56501	.72479
#1	.00622	.00280	.01181	-.00474	-.01071	5.1238	.22173
#2	.00538	-.00052	.01043	-.00446	-.00947	5.0830	.21947

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00022	42.703	.01484	.00161	.01991	11.032
SDev	.00001	.00012	.188	.00090	.00042	.00035	.073
%RSD	11.191	56.061	.44021	6.0552	26.194	1.7722	.66115
#1	.00011	.00031	42.836	.01548	.00191	.02016	11.084
#2	.00009	.00013	42.570	.01420	.00131	.01966	10.981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25996	20.123	.00789	-.00150	168.25	.01443	.04074
SDev	.00194	.192	.00044	.00079	.69	.00199	.00054
%RSD	.74831	.95175	5.5575	52.623	.41275	13.802	1.3340
#1	.26134	20.258	.00820	-.00094	168.74	.01584	.04113
#2	.25859	19.988	.00758	-.00206	167.76	.01302	.04036

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.512	-.01474	-.00398	.01374	.00781	.00131	-.00925
SDev	.286	.00142	.00022	.00187	.00053	.00009	.00040
%RSD	1.6326	9.6102	5.5629	13.615	6.7748	6.7696	4.2981
#1	17.714	-.01574	-.00382	.01506	.00818	.00124	-.00953
#2	17.310	-.01374	-.00413	.01242	.00744	.00137	-.00897

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.10591	.29590	.15767	-.02405	20.455
SDev	.00007	.00802	.00124	.00176	.096
%RSD	.06860	2.7102	.78416	7.3223	.47087
#1	.10596	.30157	.15855	-.02281	20.523
#2	.10586	.29023	.15680	-.02530	20.387

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Analysis Report 04/29/04 01:44:47 PM

Method: 6010B Sample Name: S2264-07 Operator: DR
Run Time: 04/29/04 13:42:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	.00216	.00123	-.00288	-.00879	.11270	.43542
SDev	.00091	.01178	.00032	.00123	.00551	.00546	.00005
%RSD	25.204	544.69	26.044	42.640	62.700	4.8437	.01221
#1	.00297	.01049	.00101	-.00375	-.00490	.11656	.43546
#2	.00426	-.00617	.00146	-.00201	-.01269	.10884	.43539

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.00042	35.945	-.00175	-.00325	.02198	1.2227
SDev	.00000	.00012	.008	.00042	.00023	.00011	.0169
%RSD	2.1564	28.392	.02301	24.104	6.9900	.51904	1.3789
#1	-.00021	-.00051	35.940	-.00205	-.00309	.02190	1.2346
#2	-.00020	-.00034	35.951	-.00145	-.00341	.02206	1.2108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65511	3.6115	-.00194	-.00270	195.84	.00558	.01860
SDev	.00030	.2102	.00093	.00003	.06	.00152	.00004
%RSD	.04541	5.8203	47.945	1.2107	.03104	27.250	.22195
#1	.65490	3.4629	-.00260	-.00272	195.89	.00450	.01857
#2	.65532	3.7601	-.00128	-.00267	195.80	.00665	.01863

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2125	-.01296	-.00366	-.00048	.00009	.00005	-.00604
SDev	.1048	.00550	.00555	.00045	.00026	.00092	.00152
%RSD	1.6874	42.429	151.67	93.903	281.28	1736.5	25.212
#1	6.1384	-.00907	.00027	-.00080	-.00009	-.00060	-.00712
#2	6.2867	-.01685	-.00758	-.00016	.00027	.00070	-.00496

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01535	-.01111	-.00419	-.01477	4.0942
SDev	.00044	.00401	.00038	.00084	.0199
%RSD	2.8399	36.086	9.0090	5.6980	.48609
#1	-.01504	-.00828	-.00392	-.01417	4.1083
#2	-.01566	-.01395	-.00445	-.01536	4.0802

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Analysis Report 04/29/04 01:46:43 PM

Method: 6010B Sample Name: S2265-01 Operator: DR
Run Time: 04/29/04 13:44:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00390	.00250	.00022	-.00444	-.00770	.11881	.00817
SDev	.00168	.00242	.00179	.00157	.00175	.00036	.00021
%RSD	42.963	96.930	827.10	35.316	22.752	.30525	2.6096
#1	.00271	.00079	.00148	-.00555	-.00893	.11907	.00832
#2	.00508	.00421	-.00105	-.00333	-.00646	.11855	.00802

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00010	11.008	-.00018	-.00396	.00131	4.3630
SDev	.00002	.00001	.008	.00033	.00000	.00000	.0011
%RSD	10.367	8.3446	.07310	178.95	.00335	.00687	.02583
#1	-.00024	-.00010	11.014	-.00041	-.00396	.00131	4.3638
#2	-.00020	-.00011	11.002	.00005	-.00396	.00131	4.3622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13956	5.3851	-.00143	-.00309	44.823	-.00264	.02447
SDev	.00030	.0032	.00066	.00128	.213	.00023	.00020
%RSD	.21319	.06012	46.591	41.420	.47531	8.8667	.81360
#1	.13977	5.3873	-.00096	-.00400	44.673	-.00281	.02461
#2	.13935	5.3828	-.00190	-.00219	44.974	-.00248	.02433

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.3280	-.01013	-.00602	.00027	-.00181	-.00112	-.00789
SDev	.0196	.00164	.00197	.00370	.00083	.00579	.00524
%RSD	.26775	16.221	32.665	1384.5	46.071	515.20	66.422
#1	7.3141	-.01129	-.00741	.00288	-.00122	.00297	-.01160
#2	7.3419	-.00897	-.00463	-.00235	-.00240	-.00522	-.00419

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01659	.01263	-.00170	-.01395	6.0403
SDev	.00038	.00013	.00008	.00082	.0169
%RSD	2.2984	.99179	4.9378	5.8911	.27918
#1	-.01686	.01255	-.00176	-.01337	6.0523
#2	-.01632	.01272	-.00164	-.01453	6.0284

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Method: 6010B Sample Name: S2265-01D Operator: DR
Run Time: 04/29/04 13:46:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	.00754	.00120	-.00184	-.00730	.12707	.00836
SDev	.00018	.00067	.00044	.00617	.00034	.00328	.00005
%RSD	6.3180	8.9301	36.093	336.09	4.6867	2.5791	.63625
#1	.00267	.00802	.00090	.00253	-.00755	.12938	.00840
#2	.00292	.00707	.00151	-.00620	-.00706	.12475	.00832

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.00005	11.024	.00017	-.00415	.00152	4.3884
SDev	.00001	.00024	.012	.00040	.00013	.00017	.0124
%RSD	4.6906	525.93	.11152	236.68	3.1343	11.505	.28163
#1	-.00019	.00012	11.033	-.00011	-.00406	.00164	4.3971
#2	-.00020	-.00021	11.015	.00045	-.00424	.00139	4.3797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13988	5.3909	-.00167	-.00201	44.971	-.00231	.02464
SDev	.00021	.0070	.00087	.00023	.360	.00070	.00004
%RSD	.14724	.12936	52.139	11.717	.80134	30.365	.17314
#1	.14003	5.3958	-.00229	-.00217	44.716	-.00281	.02461
#2	.13974	5.3859	-.00105	-.00184	45.226	-.00181	.02467

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.3744	-.00881	-.00750	.00219	-.00129	.00137	-.00514
SDev	.0191	.00390	.00678	.00016	.00057	.00386	.00747
%RSD	.25847	44.282	90.425	7.2584	44.479	282.06	145.40
#1	7.3879	-.01156	-.00270	.00208	-.00169	.00410	.00014
#2	7.3609	-.00605	-.01230	.00231	-.00088	-.00136	-.01042

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01607	.01077	-.00186	-.01553	6.0551
SDev	.00076	.00050	.00006	.00020	.0140
%RSD	4.7474	4.6524	3.3789	1.2602	.23082
#1	-.01553	.01042	-.00182	-.01539	6.0649
#2	-.01661	.01113	-.00191	-.01567	6.0452

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Method: 6010B Sample Name: S2265-01LX5 Operator: DR
Run Time: 04/29/04 13:48:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	-.00081	.00068	-.00492	-.00637	.01590	-.00868
SDev	.00300	.00087	.00025	.00342	.00072	.00510	.00011
%RSD	262.75	107.50	36.852	69.544	11.378	32.064	1.2265
#1	-.00098	-.00143	.00050	-.00250	-.00585	.01951	-.00876
#2	.00326	-.00020	.00086	-.00733	-.00688	.01230	-.00861

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00018	2.2283	-.00121	-.00364	-.00171	.87114
SDev	.00001	.00004	.0168	.00071	.00013	.00052	.01346
%RSD	6.5248	21.118	.75234	58.823	3.5668	30.536	1.5451
#1	-.00022	-.00015	2.2402	-.00171	-.00373	-.00208	.86162
#2	-.00020	-.00021	2.2165	-.00070	-.00355	-.00134	.88066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02773	1.0363	-.00286	-.00162	7.9172	-.00262	.00007
SDev	.00021	.0595	.00056	.00061	.3374	.00070	.00000
%RSD	.74315	5.7438	19.513	37.416	4.2612	26.849	2.0913
#1	.02788	.99421	-.00246	-.00205	7.6786	-.00312	.00007
#2	.02759	1.0784	-.00325	-.00119	8.1557	-.00212	.00007

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97845	-.00899	-.00432	-.00345	.00074	.00084	-.00939
SDev	.07792	.00047	.00123	.00039	.00018	.00064	.00545
%RSD	7.9640	5.2642	28.442	11.407	24.176	77.001	58.030
#1	.92335	-.00866	-.00345	-.00373	.00062	.00038	-.00554
#2	1.0335	-.00932	-.00518	-.00317	.00087	.00129	-.01324

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01936	-.04398	-.00582	-.01222	1.2284
SDev	.00065	.00200	.00029	.00221	.0160
%RSD	3.3780	4.5582	5.0435	18.093	1.2986
#1	-.01982	-.04257	-.00602	-.01066	1.2396
#2	-.01889	-.04540	-.00561	-.01379	1.2171

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Method: 6010B Sample Name: S2265-01S Operator: DR
Run Time: 04/29/04 13:50:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77297	1.9527	.94108	1.9141	.85036	2.0359	2.0245
SDev	.00112	.0142	.00475	.0124	.00481	.0099	.0043
%RSD	.14485	.72663	.50455	.64940	.56625	.48442	.21070
#1	.77218	1.9427	.93772	1.9053	.84695	2.0289	2.0215
#2	.77376	1.9627	.94444	1.9229	.85376	2.0429	2.0275

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18945	.19177	14.523	.37477	.18321	.28797	6.9690
SDev	.00044	.00032	.034	.00176	.00182	.00191	.0314
%RSD	.23264	.16876	.23241	.47041	.99161	.66352	.45084
#1	.18914	.19154	14.499	.37352	.18193	.28661	6.9468
#2	.18977	.19200	14.547	.37601	.18450	.28932	6.9912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32594	6.9882	.47865	.06658	48.155	.27474	.22370
SDev	.00085	.0134	.00172	.00117	.169	.00059	.00083
%RSD	.25968	.19245	.35945	1.7634	.35144	.21431	.37232
#1	.32534	6.9977	.47743	.06575	48.035	.27433	.22311
#2	.32654	6.9786	.47986	.06741	48.274	.27516	.22429

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.155	.86037	.82710	.93421	.94261	1.9127	1.9131
SDev	.044	.00248	.00949	.00134	.00631	.0006	.0183
%RSD	.24395	.28850	1.1472	.14334	.66930	.03054	.95885
#1	18.186	.85862	.82039	.93326	.93815	1.9123	1.9002
#2	18.123	.86213	.83381	.93515	.94707	1.9132	1.9261

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.41262	.29616	.20349	.71831	6.9321
SDev	.00325	.00376	.00065	.00280	.0152
%RSD	.78788	1.2693	.31925	.38959	.21916
#1	.41033	.29350	.20303	.71633	6.9213
#2	.41492	.29882	.20395	.72029	6.9428

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Method: 6010B Sample Name: S2265-01SD Operator: DR
Run Time: 04/29/04 13:52:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77322	1.9857	.94941	1.9278	.85418	2.0529	2.0352
SDev	.00382	.0053	.00352	.0064	.00147	.0047	.0004
%RSD	.49387	.26779	.37029	.33339	.17262	.23100	.02097
#1	.77592	1.9819	.94693	1.9232	.85313	2.0496	2.0355
#2	.77052	1.9895	.95190	1.9323	.85522	2.0563	2.0349

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19022	.19255	14.577	.37582	.18383	.28797	6.9944
SDev	.00005	.00044	.007	.00015	.00139	.00168	.0067
%RSD	.02351	.23071	.05060	.04074	.75905	.58209	.09614
#1	.19018	.19223	14.571	.37572	.18482	.28915	6.9896
#2	.19025	.19286	14.582	.37593	.18284	.28678	6.9992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32732	6.9917	.47937	.06606	48.450	.27557	.22431
SDev	.00009	.0035	.00048	.00032	.002	.00082	.00068
%RSD	.02806	.04987	.09994	.48057	.00340	.29737	.30381
#1	.32725	6.9941	.47903	.06628	48.449	.27500	.22479
#2	.32738	6.9892	.47971	.06583	48.452	.27615	.22383

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.241	.86542	.82846	.94025	.95199	1.9175	1.9312
SDev	.077	.00070	.00302	.00020	.00537	.0034	.0081
%RSD	.42412	.08134	.36428	.02148	.56425	.17589	.41908
#1	18.295	.86492	.82633	.94040	.94819	1.9151	1.9255
#2	18.186	.86591	.83059	.94011	.95579	1.9199	1.9369

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.41506	.30130	.20398	.72229	6.9652
SDev	.00034	.00063	.00008	.00382	.0070
%RSD	.08314	.20794	.04109	.52833	.10033
#1	.41482	.30086	.20392	.71960	6.9602
#2	.41531	.30174	.20404	.72499	6.9701

OK 4/29/04

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Method: 6010B Sample Name: S2265-01A Operator: DR
Run Time: 04/29/04 13:54:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77421	1.9734	.94695	1.9263	.85569	2.0459	2.0283
SDev	.00141	.0058	.00134	.0057	.00235	.0109	.0023
%RSD	.18211	.29320	.14105	.29579	.27440	.53492	.11303
#1	.77322	1.9693	.94790	1.9304	.85403	2.0382	2.0299
#2	.77521	1.9775	.94601	1.9223	.85735	2.0537	2.0266

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18946	.19204	14.514	.37486	.18381	.28633	6.9127
SDev	.00030	.00036	.021	.00002	.00006	.00017	.0213
%RSD	.15581	.18543	.14477	.00516	.03527	.05994	.30859
#1	.18967	.19229	14.528	.37485	.18385	.28621	6.9278
#2	.18925	.19179	14.499	.37488	.18376	.28645	6.8976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32604	6.9660	.47739	.06616	48.701	.27350	.22337
SDev	.00039	.0040	.00041	.00123	.053	.00023	.00013
%RSD	.11934	.05720	.08594	1.8623	.10796	.08516	.05575
#1	.32631	6.9688	.47768	.06529	48.738	.27334	.22328
#2	.32576	6.9631	.47710	.06704	48.664	.27367	.22345

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.178	.86489	.83406	.93712	.94986	1.9189	1.9284
SDev	.011	.00127	.00451	.00137	.00132	.0089	.0041
%RSD	.06169	.14681	.54049	.14675	.13853	.46336	.21279
#1	18.170	.86400	.83087	.93810	.95079	1.9252	1.9313
#2	18.186	.86579	.83725	.93615	.94893	1.9126	1.9255

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.41386	.29559	.20293	.72056	6.9382
SDev	.00187	.00532	.00057	.00427	.0409
%RSD	.45201	1.8016	.27883	.59207	.58901
#1	.41518	.29935	.20253	.71755	6.9671
#2	.41253	.29182	.20333	.72358	6.9093

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Method: 6010B Sample Name: S2265-02 Operator: DR
Run Time: 04/29/04 13:56:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00764	.00496	.00514	-.00924	.08143	.04070
SDev	.00220	.00337	.00014	.00528	.00016	.00073	.00037
%RSD	40.210	44.067	2.7651	102.71	1.7165	.89492	.91649
#1	.00704	.01002	.00486	.00888	-.00913	.08195	.04096
#2	.00392	.00526	.00505	.00141	-.00935	.08092	.04044

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00035	26.517	.00042	-.00123	.00375	12.884
SDev	.00003	.00011	.050	.00017	.00081	.00087	.022
%RSD	25.953	29.633	.18714	40.774	65.709	23.078	.17422
#1	-.00010	.00043	26.552	.00054	-.00181	.00314	12.900
#2	-.00014	.00028	26.481	.00030	-.00066	.00436	12.868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12017	25.117	.00356	-.00355	373.74	-.00205	.04310
SDev	.00039	.052	.00123	.00049	.24	.00035	.00024
%RSD	.32391	.20526	34.616	13.794	.06551	17.141	.54846
#1	.12045	25.153	.00269	-.00321	373.91	-.00180	.04327
#2	.11990	25.081	.00443	-.00390	373.56	-.00230	.04293

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.176	-.01405	-.00281	.00459	.00314	.00627	.00298
SDev	.027	.00141	.00330	.00371	.00164	.00111	.00737
%RSD	.03384	10.047	117.50	80.756	52.388	17.630	247.01
#1	81.196	-.01505	-.00048	.00197	.00430	.00705	.00819
#2	81.157	-.01305	-.00515	.00721	.00198	.00549	-.00223

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01842	.69075	-.00368	-.01978	18.589
SDev	.00027	.00081	.00017	.00014	.046
%RSD	1.4791	.11791	4.5517	.69264	.24763
#1	-.01823	.69133	-.00356	-.01968	18.622
#2	-.01861	.69018	-.00380	-.01987	18.557

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 14:01:04
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8612	4.9656	4.7095	4.8449	4.7874	9.5187	9.8618
SDev	.0009	.0139	.0244	.0421	.0013	.0007	.0093
%RSD	.01814	.27896	.51707	.86897	.02780	.00758	.09462
#1	4.8606	4.9558	4.6922	4.8151	4.7864	9.5182	9.8684
#2	4.8618	4.9754	4.7267	4.8747	4.7883	9.5192	9.8552

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23811	2.4009	23.487	.93314	2.3183	1.1797	4.7325
SDev	.00003	.0001	.002	.00019	.0024	.0027	.0023
%RSD	.01182	.00475	.00856	.02058	.10353	.23012	.04846
#1	.23809	2.4008	23.485	.93300	2.3167	1.1816	4.7309
#2	.23813	2.4010	23.488	.93327	2.3200	1.1777	4.7341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3092	23.393	2.3720	1.2256	25.372	2.3184	2.3958
SDev	.0014	.009	.0050	.0008	.084	.0022	.0034
%RSD	.06246	.03727	.21273	.06862	.33026	.09575	.14200
#1	2.3082	23.386	2.3684	1.2250	25.313	2.3200	2.3934
#2	2.3103	23.399	2.3755	1.2262	25.432	2.3168	2.3982

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.047	4.8707	4.6172	4.6885	4.7179	4.8757	4.8279
SDev	.076	.0209	.0458	.0011	.0371	.0032	.0647
%RSD	.30440	.42836	.99166	.02454	.78599	.06477	1.3401
#1	25.101	4.8855	4.5848	4.6893	4.6917	4.8780	4.7822
#2	24.993	4.8560	4.6496	4.6877	4.7441	4.8735	4.8737

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8290	4.8533	4.6451	4.5768	5.4781
SDev	.0121	.0289	.0018	.0056	.0336
%RSD	.24974	.59639	.03970	.12315	.61289
#1	4.8204	4.8329	4.6464	4.5728	Q5.5018
#2	4.8375	4.8738	4.6438	4.5808	5.4543

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 14:04:28
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	.00232	.00147	.00152	-.00854	-.00086	-.01226
SDev	.00106	.00726	.00022	.00104	.00156	.00111	.00005
%RSD	122.89	312.82	15.216	68.786	18.282	128.98	.43367
#1	-.00161	-.00281	.00131	.00078	-.00744	-.00165	-.01229
#2	-.00011	.00746	.00163	.00226	-.00965	-.00008	-.01222

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.00000	-.02906	-.00117	-.00426	-.00480	-.00123
SDev	.00001	.00011	.00112	.00084	.00107	.00145	.01682
%RSD	6.3500	16563.	3.8464	72.085	25.128	30.133	1366.0
#1	-.00021	-.00008	-.02985	-.00177	-.00502	-.00582	-.01313
#2	-.00019	.00008	-.02827	-.00057	-.00350	-.00378	.01066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	-.02245	-.00327	-.00139	.38057	-.00232	-.00582
SDev	.00014	.00324	.00023	.00025	.39816	.00117	.00008
%RSD	23.916	14.420	6.8903	17.836	104.62	50.408	1.3122
#1	-.00067	-.02474	-.00311	-.00156	.09903	-.00315	-.00588
#2	-.00048	-.02016	-.00343	-.00121	.66211	-.00149	-.00577

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04269	-.00898	-.01087	-.00129	.00085	.00851	-.00357
SDev	.04989	.00024	.00421	.00050	.00059	.00126	.00219
%RSD	116.89	2.6613	38.737	39.189	69.426	14.752	61.335
#1	-.07797	-.00881	-.00789	-.00093	.00043	.00940	-.00512
#2	-.00741	-.00915	-.01385	-.00164	.00126	.00763	-.00202

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01937	-.05271	-.00604	-.01028	-.00853
SDev	.00089	.00094	.00023	.00143	.00623
%RSD	4.5948	1.7829	3.8169	13.890	73.062
#1	-.01874	-.05338	-.00620	-.01130	-.01293
#2	-.02000	-.05205	-.00588	-.00927	-.00412

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Method: 6010B Sample Name: S2265-06 Operator: DR
Run Time: 04/29/04 14:06:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00722	.00903	.00321	-.00232	-.00737	.02497	.58926
SDev	.00220	.00619	.00022	.00260	.00194	.00401	.00293
%RSD	30.550	68.505	6.7515	112.06	26.253	16.065	.49754
#1	.00878	.01341	.00305	-.00416	-.00600	.02781	.58718
#2	.00566	.00466	.00336	-.00048	-.00874	.02214	.59133

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00012	25.452	.00202	-.00268	-.00173	15.945
SDev	.00000	.00022	.090	.00146	.00117	.00076	.083
%RSD	1.0329	188.03	.35393	72.246	43.599	43.940	.52110
#1	-.00023	.00027	25.388	.00305	-.00351	-.00226	15.886
#2	-.00022	-.00004	25.515	.00099	-.00185	-.00119	16.004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05466	233.78	.00053	-.00308	532.06	.00187	.01574
SDev	.00007	.43	.00063	.00089	3.14	.00105	.00027
%RSD	.12533	.18260	118.91	28.743	.59034	56.083	1.7037
#1	.05461	233.48	.00008	-.00245	529.84	.00262	.01555
#2	.05471	234.08	.00098	-.00371	534.28	.00113	.01593

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.314	-.00956	-.00620	.00389	.00086	.00138	-.00577
SDev	.128	.00442	.00303	.00222	.00143	.00255	.00263
%RSD	.23532	46.206	48.943	57.007	165.73	184.27	45.527
#1	54.404	-.00643	-.00834	.00546	-.00015	-.00042	-.00763
#2	54.224	-.01268	-.00405	.00232	.00188	.00319	-.00391

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02077	.69953	-.00543	-.01749	9.3449
SDev	.00062	.01272	.00008	.00129	.0321
%RSD	2.9733	1.8181	1.5432	7.3829	.34303
#1	-.02033	.69053	-.00537	-.01658	9.3223
#2	-.02120	.70852	-.00549	-.01841	9.3676

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Method: 6010B Sample Name: S2266-02 Operator: DR
Run Time: 04/29/04 14:08:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	-.00140	.00157	-.00491	-.00806	.35762	-.00075
SDev	.00120	.00963	.00044	.00216	.00270	.00326	.00101
%RSD	333.03	689.01	28.049	43.964	33.486	.91172	135.43
#1	.00049	.00541	.00188	-.00339	-.00997	.35993	-.00003
#2	-.00121	-.00820	.00126	-.00644	-.00615	.35532	-.00146

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00091	7.2536	-.00332	-.00383	.00221	2.8374
SDev	.00002	.00028	.0034	.00470	.00169	.00133	.0393
%RSD	20.652	31.477	.04622	141.61	44.104	60.343	1.3868
#1	-.00010	.00111	7.2560	-.00664	-.00263	.00315	2.8652
#2	-.00013	.00070	7.2512	.00000	-.00502	.00127	2.8096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06597	1.4523	-.00147	-.00255	2.7669	-.00444	.01847
SDev	.00060	.7399	.00033	.00016	.2689	.00340	.00016
%RSD	.90239	50.950	22.736	7.1747	9.7188	76.414	.84559
#1	.06555	.92905	-.00170	-.00268	2.5768	-.00685	.01858
#2	.06639	1.9755	-.00123	-.00242	2.9571	-.00204	.01836

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11112	-.01031	-.00675	-.00006	.00039	.00207	-.01010
SDev	.45689	.00877	.00947	.00144	.00138	.00181	.00428
%RSD	411.17	85.079	140.16	2301.4	357.82	87.405	42.404
#1	-.21195	-.01651	-.00006	-.00108	.00136	.00079	-.00707
#2	.43419	-.00411	-.01345	.00096	-.00059	.00334	-.01313

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01986	-.02812	.00873	-.01391	7.5740
SDev	.00002	.01165	.00021	.00143	.0073
%RSD	.09146	41.436	2.3993	10.270	.09628
#1	-.01984	-.01988	.00859	-.01492	7.5792
#2	-.01987	-.03636	.00888	-.01290	7.5689

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Method: 6010B Sample Name: S2266-03 Operator: DR
Run Time: 04/29/04 14:10:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00393	.00484	.00187	.00048	-.01006	.00720	.02000
SDev	.00253	.00078	.00134	.00188	.00093	.00439	.00027
%RSD	64.263	16.142	71.953	395.58	9.2189	60.996	1.3333
#1	.00572	.00539	.00092	-.00085	-.01072	.00409	.01981
#2	.00215	.00428	.00282	.00181	-.00940	.01030	.02019

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00026	196.51	-.00122	.00792	-.00190	1.8880
SDev	.00004	.00070	.47	.00121	.00292	.00058	.0034
%RSD	18.738	266.73	.24034	99.034	36.867	30.417	.17802
#1	-.00024	-.00076	196.18	-.00037	.00586	-.00231	1.8903
#2	-.00018	.00023	196.85	-.00208	.00999	-.00150	1.8856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5424	56.520	.00364	-.00552	42.738	-.00208	.00651
SDev	.0111	.372	.00126	.00364	.892	.00024	.00032
%RSD	.31399	.65789	34.701	65.825	2.0875	11.339	4.9199
#1	3.5346	56.783	.00274	-.00810	43.369	-.00192	.00628
#2	3.5503	56.257	.00453	-.00295	42.107	-.00225	.00673

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.743	-.01153	-.01031	.00010	.00075	.00753	-.00465
SDev	.226	.00127	.00023	.00111	.00257	.00211	.00177
%RSD	.95387	11.042	2.2728	1062.4	342.71	28.029	38.025
#1	23.904	-.01243	-.01048	.00089	-.00107	.00604	-.00589
#2	23.583	-.01063	-.01015	-.00068	.00257	.00902	-.00340

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01870	1.0328	-.01014	-.06504	6.3364
SDev	.00027	.0206	.00008	.00313	.0090
%RSD	1.4568	1.9959	.82635	4.8141	.14146
#1	-.01889	1.0182	-.01008	-.06726	6.3301
#2	-.01851	1.0473	-.01020	-.06283	6.3427

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Method: 6010B Sample Name: S2266-04 Operator: DR
Run Time: 04/29/04 14:12:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00067	.00402	-.00377	-.00732	.02830	.02586
SDev	.00015	.00047	.00135	.00305	.00302	.00000	.00011
%RSD	512.16	70.144	33.529	81.081	41.245	.00914	.41147
#1	.00013	.00101	.00497	-.00161	-.00519	.02830	.02593
#2	-.00008	.00034	.00307	-.00593	-.00946	.02830	.02578

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00095	104.54	-.00053	-.00098	-.00241	7.9501
SDev	.00002	.00027	.06	.00031	.00032	.00116	.0247
%RSD	7.7058	28.097	.05859	57.242	33.084	48.114	.31065
#1	-.00019	.00076	104.58	-.00032	-.00121	-.00159	7.9676
#2	-.00022	.00114	104.49	-.00075	-.00075	-.00322	7.9326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56710	19.826	.00136	-.00214	17.445	-.00192	.01536
SDev	.00025	.025	.00094	.00053	.037	.00012	.00024
%RSD	.04435	.12436	68.801	24.859	.21035	6.0034	1.5986
#1	.56728	19.843	.00203	-.00176	17.471	-.00200	.01518
#2	.56693	19.808	.00070	-.00251	17.419	-.00184	.01553

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6066	-.01001	-.00515	.00373	.00217	-.00326	-.00562
SDev	.0050	.00225	.00456	.00107	.00149	.00665	.00126
%RSD	.07637	22.507	88.597	28.622	68.701	204.31	22.361
#1	6.6101	-.00842	-.00192	.00448	.00322	.00145	-.00473
#2	6.6030	-.01160	-.00837	.00297	.00111	-.00796	-.00651

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02028	.21859	-.00709	-.04476	6.6940
SDev	.00000	.00720	.00000	.00094	.0021
%RSD	.00000	3.2961	.00000	2.0989	.03178
#1	-.02028	.22369	-.00709	-.04542	6.6955
#2	-.02028	.21350	-.00709	-.04409	6.6925

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Analysis Report 04/29/04 02:16:01 PM

Method: 6010B Sample Name: S2266-05 Operator: DR
Run Time: 04/29/04 14:14:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00988	.00188	-.00231	-.01036	.01049	-.00585
SDev	.00147	.00680	.00021	.00322	.00014	.00109	.00037
%RSD	91.225	68.784	11.440	139.16	1.3386	10.405	6.3817
#1	.00265	.00508	.00203	-.00004	-.01026	.00972	-.00611
#2	.00057	.01469	.00173	-.00459	-.01046	.01126	-.00558

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00004	17.487	.01062	-.00364	.11065	.14003
SDev	.00002	.00009	.066	.00032	.00019	.00046	.00113
%RSD	7.1239	226.22	.37836	3.0607	5.3383	.41780	.80454
#1	-.00024	-.00010	17.534	.01085	-.00351	.11032	.13923
#2	-.00021	.00002	17.440	.01039	-.00378	.11098	.14083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00191	7.1914	.00285	-.00201	4.5030	-.00263	.04655
SDev	.00012	.0264	.00102	.00040	.1325	.00023	.00024
%RSD	5.9887	.36709	35.715	19.976	2.9433	8.9208	.51648
#1	.00199	7.2100	.00357	-.00229	4.4093	-.00246	.04672
#2	.00183	7.1727	.00213	-.00172	4.5967	-.00279	.04638

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40406	-.01368	-.00691	-.00093	.00128	-.00498	-.00258
SDev	.01682	.00080	.00202	.00087	.00011	.00466	.00250
%RSD	4.1622	5.8466	29.220	93.699	8.8097	93.499	96.926
#1	.41595	-.01425	-.00548	-.00031	.00120	-.00169	-.00081
#2	.39217	-.01312	-.00834	-.00155	.00136	-.00828	-.00435

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01961	-.04000	-.00551	-.01434	10.458
SDev	.00094	.00276	.00019	.00168	.026
%RSD	4.8154	6.8923	3.4255	11.737	.24404
#1	-.02028	-.03805	-.00564	-.01553	10.476
#2	-.01894	-.04195	-.00537	-.01315	10.440

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Analysis Report 04/29/04 02:17:58 PM

Method: 6010B Sample Name: S2268-01 Operator: DR
Run Time: 04/29/04 14:16:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01210	-.00017	.00477	-.00090	-.01011	.40783	.15827
SDev	.00164	.00215	.00035	.00212	.00276	.00547	.00048
%RSD	13.595	1252.0	7.2504	235.12	27.278	1.3408	.30277
#1	.01326	.00135	.00501	-.00240	-.01206	.40396	.15794
#2	.01094	-.00170	.00452	.00060	-.00816	.41170	.15861

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00014	174.01	.00804	.00998	.01798	19.011
SDev	.00002	.00026	.86	.00016	.00039	.00295	.067
%RSD	11.614	184.31	.49660	2.0146	3.9030	16.423	.35431
#1	-.00018	.00033	173.40	.00815	.01025	.01589	18.963
#2	-.00021	-.00004	174.62	.00792	.00970	.02007	19.058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39987	127.85	.03908	-.00446	1283.5	.00763	.01849
SDev	.00201	.68	.00042	.00075	6.5	.00011	.00010
%RSD	.50353	.53025	1.0724	16.796	.50730	1.5008	.53384
#1	.39845	127.37	.03879	-.00499	1278.9	.00771	.01856
#2	.40130	128.33	.03938	-.00393	1288.1	.00755	.01842

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H327.74	-.01292	-.00768	.00604	.00213	.00142	-.00366
SDev	.95	.00272	.00283	.00374	.00238	.00451	.00092
%RSD	.28873	21.069	36.820	61.936	111.79	317.04	25.159
#1	H327.07	-.01485	-.00968	.00339	.00382	-.00177	-.00431
#2	H328.41	-.01100	-.00568	.00868	.00045	.00461	-.00301

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02129	2.7178	-.00140	-.03227	16.075
SDev	.00074	.0369	.00034	.00023	.101
%RSD	3.4968	1.3578	23.929	.72765	.63037
#1	-.02182	2.6917	-.00164	-.03211	16.003
#2	-.02077	2.7439	-.00116	-.03244	16.147

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Method: 6010B Sample Name: S2290-01 Operator: DR
Run Time: 04/29/04 14:18:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09772	-.01074	.18560	-.02287	-.01086	62.987	3.3500
SDev	.00064	.00157	.00202	.00062	.00161	.237	.0149
%RSD	.65045	14.589	1.0904	2.6979	14.800	.37699	.44515
#1	.09817	-.01184	.18703	-.02243	-.00973	63.155	3.3605
#2	.09727	-.00963	.18417	-.02330	-.01200	62.819	3.3395

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.01205	119.29	.17724	.05705	.21024	440.51
SDev	.00002	.00000	.44	.00071	.00013	.00049	1.75
%RSD	.42483	.02320	.37251	.39749	.22734	.23156	.39728
#1	.00485	.01205	119.61	.17774	.05714	.21058	441.75
#2	.00482	.01205	118.98	.17674	.05695	.20989	439.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4223	92.312	.11149	-.04248	771.80	.37726	.43442
SDev	.0122	.356	.00051	.00039	4.42	.00124	.00239
%RSD	.35712	.38607	.45977	.90855	.57301	.32869	.55128
#1	3.4309	92.564	.11185	-.04221	774.93	.37814	.43611
#2	3.4136	92.060	.11113	-.04276	768.68	.37638	.43272

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.147	-.02493	.01412	.28407	.13444	-.02413	-.02384
SDev	.332	.00292	.00102	.00635	.00014	.00027	.00106
%RSD	.55270	11.699	7.1871	2.2357	.10156	1.1105	4.4421
#1	60.382	-.02287	.01340	.28856	.13434	-.02432	-.02309
#2	59.912	-.02700	.01484	.27958	.13454	-.02394	-.02458

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.03877	.55338	1.2313	-.07000	H88.713
SDev	.00105	.01353	.0048	.00078	.424
%RSD	2.7168	2.4455	.38805	1.1183	.47762
#1	-.03803	.56294	1.2346	-.07055	H89.013
#2	-.03952	.54381	1.2279	-.06944	H88.414

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Method: 6010B Sample Name: S2290-02 Operator: DR
Run Time: 04/29/04 14:21:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00741	-.00067	.00722	-.00378	-.00641	.18447	.36020
SDev	.00218	.00268	.00069	.00376	.00238	.08289	.00325
%RSD	29.426	398.16	9.5331	99.496	37.095	44.933	.90156
#1	.00587	.00122	.00771	-.00112	-.00809	.24308	.36250
#2	.00895	-.00257	.00673	-.00644	-.00473	.12586	.35791

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.00251	53.147	.00374	-.00883	-.00605	20.200
SDev	.00007	.00385	.093	.00657	.00837	.02268	.515
%RSD	29.133	153.28	.17453	175.83	94.824	374.91	2.5471
#1	-.00031	-.00523	53.082	-.00091	-.01474	-.02208	20.564
#2	-.00020	.00021	53.213	.00838	-.00291	.00999	19.836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3724	72.724	-.00787	-.06307	984.04	-.01225	.00545
SDev	.0124	.239	.00953	.08237	.94	.02640	.00170
%RSD	.36702	.32842	121.15	130.59	.09522	215.56	31.150
#1	3.3636	72.555	-.01461	-.12131	983.38	-.03092	.00425
#2	3.3812	72.893	-.00113	-.00483	984.71	.00642	.00664

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.28	-.01087	-.00067	.00238	.00763	-.00780	-.00338
SDev	1.19	.00559	.00407	.00324	.00265	.00065	.00532
%RSD	1.1440	51.440	610.60	135.74	34.677	8.3263	157.48
#1	105.12	-.01483	.00221	.00010	.00951	-.00734	.00038
#2	103.44	-.00692	-.00354	.00457	.00576	-.00826	-.00714

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02124	.41498	.00146	-.01644	16.716
SDev	.00100	.00188	.00124	.00157	.096
%RSD	4.7022	.45293	84.762	9.5214	.57439
#1	-.02054	.41631	.00233	-.01755	16.784
#2	-.02195	.41365	.00058	-.01534	16.648

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Method: 6010B Sample Name: S2290-03 Operator: DR
Run Time: 04/29/04 14:23:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00985	-.00035	.01530	-.00384	-.00916	.08650	.55163
SDev	.00011	.00075	.00022	.00221	.00529	.00405	.00351
%RSD	1.1310	211.13	1.4582	57.528	57.760	4.6842	.63692
#1	.00992	.00017	.01514	-.00228	-.00542	.08936	.54915
#2	.00977	-.00088	.01545	-.00541	-.01290	.08363	.55412

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00192	102.65	.00899	-.00305	.00586	71.961
SDev	.00001	.00050	.50	.00026	.00136	.00706	.570
%RSD	6.4262	25.966	.48862	2.9359	44.743	120.53	.79254
#1	-.00013	.00228	102.30	.00881	-.00208	.01085	71.557
#2	-.00012	.00157	103.01	.00918	-.00401	.00087	72.364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4272	59.870	-.00073	.00369	344.02	.01776	-.00547
SDev	.0150	.396	.00074	.01658	2.16	.00372	.00029
%RSD	.43812	.66101	102.22	449.45	.62883	20.923	5.3191
#1	3.4166	59.590	-.00125	.01541	342.49	.02039	-.00526
#2	3.4379	60.150	-.00020	-.00803	345.55	.01514	-.00567

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.525	-.01295	-.00477	.02427	.00882	.00237	-.00865
SDev	2.966	.00703	.00180	.00118	.00092	.00736	.00022
%RSD	9.1179	54.300	37.792	4.8674	10.483	310.02	2.5258
#1	30.428	-.00798	-.00350	.02511	.00816	.00758	-.00880
#2	34.622	-.01792	-.00605	.02344	.00947	-.00283	-.00849

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02481	.79025	.00528	-.05077	24.439
SDev	.00024	.01096	.00023	.00002	.132
%RSD	.95152	1.3874	4.3644	.03854	.54021
#1	-.02465	.78250	.00544	-.05079	24.345
#2	-.02498	.79801	.00512	-.05076	24.532

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Method: 6010B Sample Name: S2290-04 Operator: DR
Run Time: 04/29/04 14:25:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.00072	.00081	-.00175	-.00650	.02030	.04957
SDev	.00112	.00154	.00048	.00195	.00021	.00255	.00005
%RSD	88.211	213.84	59.246	111.32	3.1858	12.572	.10789
#1	.00206	-.00037	.00047	-.00037	-.00665	.02210	.04953
#2	.00048	.00181	.00115	-.00313	-.00635	.01849	.04960

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00031	100.15	-.00231	-.00424	.00239	1.0632
SDev	.00000	.00027	.20	.00004	.00013	.00121	.0157
%RSD	.23688	86.353	.20109	1.5723	3.0587	50.742	1.4785
#1	-.00022	-.00012	100.01	-.00233	-.00415	.00325	1.0743
#2	-.00022	-.00050	100.29	-.00228	-.00433	.00154	1.0521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5515	13.516	-.00286	-.00329	43.624	-.00146	.00482
SDev	.0026	.035	.00073	.00043	.244	.00023	.00037
%RSD	.16210	.25981	25.618	13.128	.55868	16.016	7.6093
#1	1.5797	13.491	-.00234	-.00360	43.796	-.00162	.00508
#2	1.5833	13.541	-.00338	-.00299	43.451	-.00129	.00456

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6759	-.00773	-.00724	-.00023	-.00067	.00017	-.00431
SDev	.0123	.00338	.00616	.00167	.00011	.00006	.00289
%RSD	.18474	43.761	85.075	711.67	17.140	36.294	67.046
#1	6.6847	-.01013	-.00288	-.00141	-.00059	.00022	-.00227
#2	6.6672	-.00534	-.01159	.00095	-.00075	.00013	-.00635

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01713	.10465	-.00791	-.01596	10.697
SDev	.00042	.00683	.00006	.00068	.006
%RSD	2.4380	6.5257	.79515	4.2920	.05539
#1	-.01743	.10948	-.00786	-.01644	10.693
#2	-.01684	.09982	-.00795	-.01547	10.701

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Analysis Report QC Standard 04/29/04 02:29:27 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 14:27:26
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9948	5.0827	4.8707	5.0133	4.9850	9.7519	10.104
SDev	.0000	.0022	.0103	.0027	.0203	.0004	.011
%RSD	.00002	.04358	.21059	.05352	.40636	.00364	.10397
#1	4.9948	5.0811	4.8780	5.0114	4.9993	9.7516	10.096
#2	4.9948	5.0843	4.8635	5.0152	4.9707	9.7521	10.111

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24432	2.4693	24.184	.95612	2.3764	1.2147	4.8903
SDev	.00003	.0005	.002	.00056	.0002	.0009	.0191
%RSD	.01175	.01928	.00739	.05811	.00818	.07624	.39028
#1	.24434	2.4696	24.185	.95651	2.3763	1.2154	4.9038
#2	.24430	2.4690	24.183	.95573	2.3766	1.2141	4.8768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3713	24.059	2.4421	1.2591	26.792	2.3745	2.4562
SDev	.0018	.020	.0012	.0017	.594	.0011	.0028
%RSD	.07434	.08178	.04806	.13109	2.2179	.04437	.11407
#1	2.3700	24.073	2.4413	1.2603	27.212	2.3752	2.4542
#2	2.3725	24.045	2.4429	1.2579	26.372	2.3737	2.4582

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.945	5.0678	4.8160	4.8309	4.8886	5.0156	5.0104
SDev	.119	.0243	.0121	.0096	.0100	.0044	.0064
%RSD	.46024	.48023	.25094	.19777	.20544	.08866	.12742
#1	26.029	5.0850	4.8246	4.8376	4.8958	5.0188	5.0059
#2	25.860	5.0506	4.8075	4.8241	4.8815	5.0125	5.0149

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9637	4.9940	4.7614	4.6836	Q5.6905
SDev	.0140	.0446	.0056	.0029	.0289
%RSD	.28137	.89322	.11795	.06100	.50725
#1	4.9538	4.9625	4.7574	4.6857	Q5.7109
#2	4.9736	5.0256	4.7654	4.6816	Q5.6701

DR 4/29/04

Analysis Report QC Standard 04/29/04 02:35:25 PM

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 14:29:50
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	.00588	.00207	.00211	-.00625	.01075	-.00977
SDev	.00256	.00356	.00145	.00200	.00303	.00219	.00101
%RSD	187.76	60.554	69.797	94.617	48.541	20.352	10.370
#1	-.00045	.00840	.00310	.00070	-.00411	.00921	-.00905
#2	.00317	.00336	.00105	.00353	-.00840	.01230	-.01046

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00062	.01172	-.00097	-.00344	-.00566	.04242
SDev	.00002	.00013	.00782	.00040	.00101	.00069	.00674
%RSD	13.103	20.775	66.742	41.628	29.276	12.283	15.899
#1	-.00012	.00071	.01725	-.00125	-.00272	-.00516	.04719
#2	-.00014	.00053	.00619	-.00068	-.00415	-.00615	.03765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	-.00009	-.00328	-.00162	.34184	-.00174	-.00504
SDev	.00037	.00897	.00072	.00068	.12542	.00058	.00064
%RSD	46.536	10368.	22.079	41.750	36.689	33.566	12.665
#1	.00105	.00625	-.00277	-.00210	.25316	-.00216	-.00459
#2	.00053	-.00643	-.00379	-.00114	.43053	-.00133	-.00549

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07836	-.00603	-.00991	-.00002	.00112	.00771	-.00248
SDev	.02635	.00244	.00421	.00133	.00151	.00343	.00128
%RSD	33.624	40.572	42.552	6613.0	134.47	44.508	51.690
#1	-.09699	-.00430	-.00692	.00092	.00219	.00529	-.00339
#2	-.05973	-.00775	-.01289	-.00096	.00006	.01014	-.00158

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01614	-.04522	-.00499	-.00965	.00651
SDev	.00138	.00551	.00034	.00096	.00106
%RSD	8.5495	12.191	6.7231	9.9386	16.325
#1	-.01517	-.04133	-.00475	-.00897	.00727
#2	-.01712	-.04912	-.00522	-.01033	.00576

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Method: 6010B Sample Name: S2290-06 Operator: DR
Run Time: 04/29/04 14:35:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03825	.00521	.08383	-.00505	-.00290	45.434	.34027
SDev	.00044	.00259	.00005	.00049	.00170	.175	.00122
%RSD	1.1542	49.801	.06380	9.7789	58.691	.38445	.35985
#1	.03856	.00338	.08380	-.00470	-.00411	45.311	.33940
#2	.03794	.00704	.08387	-.00539	-.00170	45.558	.34113

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.00434	158.49	.06933	.29069	.25161	83.461
SDev	.00001	.00068	.21	.00165	.00019	.00299	.195
%RSD	.60706	15.574	.13088	2.3795	.06701	1.1882	.23411
#1	.00232	.00481	158.35	.07050	.29083	.25372	83.323
#2	.00230	.00386	158.64	.06816	.29055	.24950	83.599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9293	74.592	.43130	-.00411	71.439	.10412	.29318
SDev	.0154	.179	.00051	.00869	.196	.00420	.00032
%RSD	.25902	.24040	.11699	211.59	.27369	4.0365	.10884
#1	5.9184	74.719	.43094	.00204	71.301	.10709	.29295
#2	5.9401	74.465	.43166	-.01025	71.578	.10114	.29340

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.754	-.00976	.00764	.11317	.06739	-.00631	-.00601
SDev	.030	.00145	.00220	.00004	.00010	.00893	.00520
%RSD	.25755	14.882	28.823	.03724	.15021	141.44	86.424
#1	11.732	-.01079	.00608	.11320	.06732	-.01262	-.00234
#2	11.775	-.00874	.00920	.11314	.06746	.00000	-.00969

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00578	.01210	1.1222	-.07120	H63.193
SDev	.00104	.00188	.0042	.00065	.254
%RSD	17.907	15.531	.37534	.90703	.40269
#1	-.00505	.01077	1.1192	-.07074	H63.013
#2	-.00651	.01343	1.1252	-.07166	H63.373

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Method: 6010B Sample Name: S2290-07 Operator: DR
Run Time: 04/29/04 14:37:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01417	.00714	.01082	-.00183	-.00947	.73430	3.5421
SDev	.00164	.00493	.00045	.00015	.00067	.08715	.0212
%RSD	11.598	68.996	4.1870	8.3689	7.0804	11.869	.59905
#1	.01301	.00366	.01114	-.00173	-.00899	.79592	3.5571
#2	.01533	.01063	.01050	-.00194	-.00994	.67267	3.5271

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00053	342.22	.01036	.01627	.04740	30.675
SDev	.00002	.00024	1.39	.00065	.00006	.00356	.266
%RSD	14.698	44.155	.40608	6.2385	.39858	7.5148	.86738
#1	-.00015	.00037	343.20	.00990	.01622	.04488	30.863
#2	-.00012	.00070	341.24	.01081	.01631	.04992	30.487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5906	96.909	.03272	-.00902	1399.3	-.00083	.01850
SDev	.0332	.499	.00030	.00299	6.1	.00151	.00089
%RSD	.50424	.51451	.91295	33.079	.43845	182.59	4.7875
#1	6.6141	97.262	.03251	-.01114	1403.6	-.00189	.01912
#2	6.5671	96.557	.03293	-.00691	1394.9	.00024	.01787

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.978	-.01358	-.00443	.01282	.00782	-.00265	-.00303
SDev	.511	.00001	.00203	.00159	.00147	.00034	.00006
%RSD	.88086	.07997	45.887	12.435	18.851	12.823	2.0048
#1	58.339	-.01359	-.00300	.01169	.00887	-.00241	-.00298
#2	57.617	-.01357	-.00587	.01394	.00678	-.00289	-.00307

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00681	.31100	.01407	-.01207	17.811
SDev	.00053	.00232	.00172	.00031	.226
%RSD	7.7359	.74537	12.214	2.5942	1.2709
#1	-.00644	.30936	.01528	-.01185	17.971
#2	-.00718	.31264	.01285	-.01229	17.651

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Analysis Report

Operator: DR

Method: 6010B Sample Name: S2290-08
Run Time: 04/29/04 14:39:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00990	.00731	.04843	-.00005	-.00825	1.2663	.13631
SDev	.00285	.00192	.00193	.00254	.00118	.0066	.00192
%RSD	28.770	26.208	3.9832	5301.0	14.277	.51846	1.4079
#1	.01191	.00596	.04707	.00175	-.00909	1.2710	.13767
#2	.00789	.00867	.04980	-.00184	-.00742	1.2617	.13496

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	.00206	65.835	.00522	.32278	.25507	9.4931
SDev	.00003	.00029	.118	.00100	.00172	.00156	.0449
%RSD	9.8203	14.007	.17960	19.119	.53266	.61354	.47316
#1	-.00031	.00226	65.919	.00451	.32399	.25618	9.5249
#2	-.00036	.00185	65.752	.00592	.32156	.25396	9.4614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9546	12.717	.26884	-.00818	166.22	.00336	.16275
SDev	.0108	.298	.00218	.00027	.86	.00093	.00092
%RSD	.21710	2.3403	.81080	3.2558	.51994	27.848	.56236
#1	4.9622	12.507	.27038	-.00837	165.61	.00270	.16340
#2	4.9470	12.928	.26730	-.00799	166.83	.00402	.16210

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1672	-.01038	-.00721	.04534	.04798	.00013	-.00194
SDev	.2769	.00254	.00154	.00208	.00185	.00429	.00595
%RSD	5.3594	24.441	21.372	4.5944	3.8609	3285.3	307.16
#1	4.9714	-.01217	-.00612	.04386	.04667	-.00291	.00227
#2	5.3631	-.00858	-.00830	.04681	.04929	.00317	-.00614

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00825	.02637	.04250	-.02380	8.5309
SDev	.00031	.00489	.00015	.00078	.0378
%RSD	3.7439	18.534	.34512	3.2884	.44343
#1	-.00803	.02982	.04261	-.02325	8.5576
#2	-.00847	.02291	.04240	-.02436	8.5041

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Method: 6010B Sample Name: S2294-01 Operator: DR
Run Time: 04/29/04 14:41:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01296	-.00154	.07231	-.00390	-.00394	.38298	.34724
SDev	.00035	.00303	.00171	.00069	.00229	.00619	.00027
%RSD	2.7282	197.27	2.3655	17.728	58.007	1.6176	.07665
#1	.01271	.00061	.07111	-.00342	-.00233	.38736	.34705
#2	.01321	-.00368	.07352	-.00439	-.00556	.37860	.34742

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00547	138.58	.00177	.00259	.03430	27.418
SDev	.00002	.00031	.22	.00036	.00071	.00035	.046
%RSD	236.27	5.6961	.15743	20.486	27.566	1.0230	.16785
#1	-.00001	.00525	138.42	.00151	.00208	.03405	27.385
#2	.00003	.00569	138.73	.00202	.00309	.03454	27.450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86103	32.549	.28077	-.00411	201.88	.00291	1.5924
SDev	.00039	.059	.00231	.00022	.34	.00024	.0040
%RSD	.04518	.18058	.82163	5.3521	.16657	8.1149	.25365
#1	.86075	32.508	.27914	-.00426	201.64	.00274	1.5896
#2	.86130	32.591	.28240	-.00395	202.12	.00308	1.5953

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.998	-.00209	-.01086	.07669	.06813	.00301	-.00906
SDev	.103	.00301	.00084	.00029	.00242	.00196	.00008
%RSD	.41262	144.19	7.7075	.37332	3.5545	65.050	.90259
#1	24.926	.00004	-.01027	.07649	.06642	.00440	-.00912
#2	25.071	-.00422	-.01145	.07689	.06984	.00163	-.00900

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01942	.38897	-.00100	-.01473	9.5389
SDev	.00114	.00545	.00023	.00106	.0035
%RSD	5.8920	1.4013	23.025	7.1757	.03663
#1	-.02023	.38512	-.00084	-.01398	9.5414
#2	-.01861	.39283	-.00116	-.01547	9.5365

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Method: 6010B Sample Name: S2294-05 Operator: DR
Run Time: 04/29/04 14:43:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01014	.00209	.00758	-.00132	-.00770	.08248	.17900
SDev	.00212	.00371	.00135	.00035	.00409	.00803	.00107
%RSD	20.869	177.17	17.838	26.477	53.131	9.7369	.59580
#1	.01163	-.00053	.00854	-.00107	-.00481	.08816	.17976
#2	.00864	.00471	.00663	-.00157	-.01060	.07680	.17825

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00027	53.892	.01427	.00247	.00759	8.7700
SDev	.00001	.00006	.095	.00025	.00075	.00156	.0079
%RSD	3.0831	22.861	.17628	1.7386	30.243	20.551	.08970
#1	-.00021	.00022	53.960	.01445	.00300	.00869	8.7645
#2	-.00021	.00031	53.825	.01410	.00194	.00649	8.7756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35730	15.447	.07512	-.00255	305.01	-.00203	2.6106
SDev	.00103	.022	.00122	.00056	.79	.00058	.0044
%RSD	.28817	.14027	1.6270	21.794	.25803	28.842	.17025
#1	.35802	15.463	.07426	-.00216	305.57	-.00161	2.6137
#2	.35657	15.432	.07598	-.00295	304.46	-.00244	2.6075

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.838	-.00821	-.00989	.00902	.00486	.00631	-.00673
SDev	.098	.00540	.00147	.00275	.00065	.00043	.00031
%RSD	.16864	65.781	14.872	30.485	13.454	6.7871	4.6085
#1	57.907	-.00439	-.00885	.01097	.00532	.00661	-.00651
#2	57.769	-.01203	-.01093	.00708	.00440	.00601	-.00695

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Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01794	1.1529	-.00450	-.01578	6.6226
SDev	.00022	.0079	.00069	.00219	.0397
%RSD	1.2147	.68473	15.374	13.891	.59873
#1	-.01810	1.1473	-.00401	-.01423	6.6506
#2	-.01779	1.1584	-.00499	-.01733	6.5945

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Method: 6010B Sample Name: S2294-05D Operator: DR
Run Time: 04/29/04 14:45:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00814	-.00614	.00888	-.00233	-.00757	.07732	.17964
SDev	.00182	.00027	.00071	.00176	.00275	.00001	.00016
%RSD	22.364	4.3989	8.0308	75.662	36.336	.00695	.08904
#1	.00686	-.00633	.00938	-.00108	-.00952	.07732	.17953
#2	.00943	-.00595	.00837	-.00357	-.00563	.07731	.17975

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00046	54.108	.01417	.00199	.00841	8.7827
SDev	.00004	.00022	.106	.00019	.00091	.00087	.0011
%RSD	20.855	48.790	.19499	1.3596	45.725	10.313	.01281
#1	-.00021	.00062	54.033	.01431	.00263	.00902	8.7819
#2	-.00016	.00030	54.183	.01404	.00134	.00780	8.7835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35772	15.529	.07524	-.00300	305.82	-.00236	2.6245
SDev	.00062	.022	.00074	.00016	.80	.00012	.0045
%RSD	.17280	.14274	.98782	5.3297	.26040	4.9719	.17246
#1	.35728	15.513	.07576	-.00289	305.25	-.00227	2.6213
#2	.35815	15.544	.07471	-.00311	306.38	-.00244	2.6277

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.024	-.01067	-.00457	.00760	.00752	.00308	-.00682
SDev	.158	.00456	.00087	.00156	.00185	.00132	.00198
%RSD	.27149	42.712	18.922	20.495	24.552	42.793	29.009
#1	57.913	-.01390	-.00396	.00650	.00883	.00401	-.00542
#2	58.135	-.00745	-.00519	.00870	.00621	.00215	-.00822

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01775	1.1676	-.00460	-.01611	6.6983
SDev	.00118	.0033	.00004	.00070	.0118
%RSD	6.6508	.28439	.91074	4.3729	.17691
#1	-.01858	1.1653	-.00463	-.01661	6.6899
#2	-.01692	1.1700	-.00457	-.01561	6.7067

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Method: 6010B Sample Name: S2294-05LX5 Operator: DR
Run Time: 04/29/04 14:47:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00236	-.00072	.00081	-.00512	-.00477	.00171	.02622
SDev	.00135	.00343	.00101	.00126	.00263	.00401	.00021
%RSD	57.246	478.96	125.70	24.636	55.234	234.14	.81295
#1	.00140	.00171	.00152	-.00602	-.00663	-.00112	.02637
#2	.00331	-.00314	.00009	-.00423	-.00291	.00455	.02607

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00020	11.339	.00113	-.00351	-.00212	1.8102
SDev	.00000	.00010	.016	.00042	.00013	.00006	.0123
%RSD	.22873	48.581	.14193	37.327	3.7025	2.6728	.68225
#1	-.00022	-.00013	11.350	.00143	-.00342	-.00216	1.8189
#2	-.00022	-.00027	11.328	.00083	-.00360	-.00208	1.8015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07442	3.2485	.01219	-.00285	51.530	-.00324	.55046
SDev	.00028	.0067	.00033	.00007	.618	.00023	.00036
%RSD	.36906	.20700	2.7294	2.6240	1.1989	7.1800	.06502
#1	.07462	3.2533	.01196	-.00291	51.966	-.00340	.55071
#2	.07423	3.2438	.01243	-.00280	51.093	-.00307	.55020

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.5719	-.00336	-.01078	-.00127	-.00016	.00087	-.00972
SDev	.0140	.00212	.00367	.00045	.00129	.00616	.00118
%RSD	.16349	62.925	34.025	35.464	813.53	704.98	12.186
#1	8.5818	-.00486	-.01338	-.00095	.00076	-.00348	-.00888
#2	8.5620	-.00187	-.00819	-.00158	-.00107	.00523	-.01055

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02072	.20269	-.00625	-.01368	1.3520
SDev	.00058	.00401	.00010	.00055	.0155
%RSD	2.8054	1.9783	1.6773	4.0069	1.1462
#1	-.02031	.20552	-.00632	-.01406	1.3630
#2	-.02113	.19985	-.00617	-.01329	1.3411

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Method: 6010B Sample Name: S2294-05S Operator: DR
Run Time: 04/29/04 14:49:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77197	1.8761	.91258	1.8835	.69263	1.9886	2.1504
SDev	.00597	.0406	.00053	.0045	.00445	.0131	.0118
%RSD	.77290	2.1656	.05816	.24022	.64289	.66057	.54796
#1	.76775	1.8474	.91220	1.8803	.68949	1.9793	2.1420
#2	.77619	1.9049	.91295	1.8867	.69578	1.9979	2.1587

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18370	.18535	58.286	.36354	.18217	.29444	11.233
SDev	.00088	.00065	.267	.00145	.00113	.00180	.056
%RSD	.48125	.35088	.45828	.39997	.62292	.61021	.49962
#1	.18308	.18489	58.098	.36251	.18137	.29317	11.194
#2	.18433	.18581	58.475	.36457	.18297	.29571	11.273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53363	17.263	.53159	.03966	308.94	.26903	2.8073
SDev	.00229	.041	.00453	.00046	1.80	.00001	.0130
%RSD	.42884	.23805	.85149	1.1683	.58306	.00182	.46473
#1	.53201	17.234	.52839	.03934	307.67	.26902	2.7980
#2	.53524	17.292	.53479	.03999	310.21	.26903	2.8165

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.324	.70371	.66725	.90671	.91351	1.8783	1.8843
SDev	.016	.00840	.00346	.00181	.00011	.0012	.0072
%RSD	.02201	1.1941	.51832	.19919	.01159	.06353	.38409
#1	71.336	.69776	.66970	.90543	.91359	1.8792	1.8792
#2	71.313	.70965	.66481	.90798	.91344	1.8775	1.8895

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.32902	1.4305	.15975	.56507	7.4628
SDev	.00249	.0182	.00119	.00229	.0589
%RSD	.75624	1.2702	.74775	.40520	.78986
#1	.32726	1.4176	.15890	.56345	7.4211
#2	.33078	1.4433	.16059	.56669	7.5044

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Method: 6010B Sample Name: S2294-05SD Operator: DR
Run Time: 04/29/04 14:51:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77565	1.8994	.91668	1.8973	.69506	1.9935	2.1598
SDev	.00129	.0009	.00248	.0039	.00301	.0055	.0002
%RSD	.16664	.04956	.27055	.20810	.43343	.27453	.00987
#1	.77474	1.9001	.91843	1.9001	.69719	1.9974	2.1596
#2	.77656	1.8988	.91493	1.8945	.69293	1.9897	2.1599

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18402	.18518	58.375	.36433	.18276	.29472	11.230
SDev	.00002	.00021	.029	.00000	.00010	.00035	.002
%RSD	.00857	.11215	.04940	.00008	.05326	.11769	.02000
#1	.18401	.18533	58.395	.36433	.18283	.29448	11.229
#2	.18403	.18503	58.355	.36433	.18270	.29497	11.232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53424	17.259	.53223	.03983	310.45	.26862	2.8129
SDev	.00000	.010	.00004	.00004	.24	.00012	.0040
%RSD	.00002	.05629	.00736	.09808	.07656	.04348	.14105
#1	.53424	17.266	.53226	.03986	310.28	.26870	2.8157
#2	.53424	17.252	.53220	.03980	310.62	.26853	2.8101

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.433	.70420	.67353	.90794	.91905	1.8798	1.9044
SDev	.072	.00573	.00244	.00485	.00130	.0039	.0038
%RSD	.10045	.81408	.36168	.53442	.14099	.20873	.20056
#1	71.382	.70826	.67181	.91137	.91996	1.8826	1.9071
#2	71.484	.70015	.67526	.90451	.91813	1.8770	1.9017

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.33087	1.4490	.15983	.56323	7.5346
SDev	.00002	.0044	.00019	.00153	.0038
%RSD	.00548	.30267	.11800	.27101	.05042
#1	.33086	1.4521	.15970	.56215	7.5373
#2	.33088	1.4459	.15997	.56431	7.5319

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Analysis Report

Method: 6010B Sample Name: S2294-05A Operator: DR
Run Time: 04/29/04 14:53:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77879	1.9130	.92047	1.9034	.69522	1.9948	2.1630
SDev	.00332	.0026	.00129	.0016	.00217	.0066	.0107
%RSD	.42675	.13672	.14056	.08430	.31292	.32958	.49299
#1	.77644	1.9111	.91955	1.9046	.69676	1.9902	2.1555
#2	.78114	1.9148	.92138	1.9023	.69368	1.9995	2.1706

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18456	.18544	58.511	.36488	.18389	.29424	11.266
SDev	.00085	.00015	.229	.00189	.00123	.00105	.066
%RSD	.45758	.08092	.39081	.51941	.67043	.35558	.58781
#1	.18397	.18533	58.349	.36354	.18302	.29350	11.219
#2	.18516	.18554	58.673	.36622	.18476	.29498	11.313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53550	17.314	.53404	.07860	310.91	.26961	2.8198
SDev	.00252	.059	.00101	.00070	.70	.00036	.0137
%RSD	.47010	.34234	.18835	.89395	.22636	.13230	.48534
#1	.53372	17.272	.53333	.07910	310.41	.26936	2.8101
#2	.53728	17.356	.53475	.07811	311.41	.26986	2.8294

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.578	.70380	.67484	.91075	.92322	1.8926	1.9071
SDev	.304	.00236	.00181	.00596	.00118	.0054	.0052
%RSD	.42528	.33531	.26759	.65422	.12742	.28363	.27407
#1	71.362	.70547	.67611	.90654	.92405	1.8888	1.9108
#2	71.793	.70213	.67356	.91497	.92239	1.8964	1.9034

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.33165	1.4588	.16032	.57076	7.5472
SDev	.00120	.0066	.00055	.00294	.0322
%RSD	.36143	.45525	.33985	.51431	.42675
#1	.33081	1.4541	.15994	.56868	7.5244
#2	.33250	1.4635	.16071	.57283	7.5700

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Analysis Report QC Standard 04/29/04 02:57:22 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 14:55:36
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8997	5.0348	4.7653	4.9362	4.8931	9.5572	9.9398
SDev	.0367	.0298	.0150	.0119	.0153	.0480	.0490
%RSD	.74905	.59145	.31414	.24064	.31343	.50198	.49299
#1	4.9257	5.0559	4.7759	4.9446	4.9040	9.5912	9.9744
#2	4.8738	5.0138	4.7547	4.9278	4.8823	9.5233	9.9051

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23986	2.4267	23.709	.93721	2.3289	1.1849	4.7132
SDev	.00133	.0131	.130	.00546	.0135	.0043	.0247
%RSD	.55251	.54148	.54871	.58243	.57951	.36176	.52344
#1	.24080	2.4360	23.801	.94107	2.3384	1.1880	4.7307
#2	.23892	2.4174	23.617	.93335	2.3193	1.1819	4.6958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3241	23.589	2.3920	1.2374	25.896	2.3251	2.4158
SDev	.0122	.139	.0129	.0062	.658	.0145	.0119
%RSD	.52681	.58915	.54123	.49863	2.5421	.62375	.49054
#1	2.3328	23.687	2.4012	1.2418	26.362	2.3354	2.4242
#2	2.3155	23.490	2.3829	1.2330	25.431	2.3148	2.4074

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.400	4.9798	4.7164	4.7219	4.7851	4.9246	4.9403
SDev	.166	.0082	.0295	.0004	.0224	.0012	.0184
%RSD	.65550	.16564	.62620	.00837	.46724	.02435	.37260
#1	25.518	4.9856	4.7373	4.7216	4.8010	4.9238	4.9534
#2	25.282	4.9739	4.6955	4.7222	4.7693	4.9254	4.9273

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8876	4.9383	4.6573	4.5956	Q5.6245
SDev	.0281	.0151	.0300	.0245	.0471
%RSD	.57411	.30576	.64345	.53230	.83733
#1	4.9075	4.9489	4.6785	4.6129	Q5.6578
#2	4.8678	4.9276	4.6361	4.5783	Q5.5912

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 14:57:46
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00541	.00056	.00118	-.00527	-.00550	-.01248
SDev	.00170	.00478	.00045	.00174	.00105	.00182	.00005
%RSD	1823.6	88.236	79.462	147.61	19.981	33.142	.42680
#1	.00130	.00204	.00088	.00240	-.00452	-.00421	-.01245
#2	-.00111	.00879	.00025	-.00005	-.00601	-.00679	-.01252

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.00023	-.03064	-.00124	-.00376	-.00697	-.00837
SDev	.00002	.00024	.00067	.00025	.00023	.00035	.00449
%RSD	7.5079	103.05	2.1888	20.136	6.0435	4.9800	53.607
#1	-.00019	-.00040	-.03016	-.00106	-.00392	-.00672	-.00520
#2	-.00021	-.00006	-.03111	-.00141	-.00360	-.00721	-.01155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	-.02967	-.00201	-.00190	.09787	-.00257	-.00506
SDev	.00000	.00299	.00044	.00032	.25467	.00012	.00028
%RSD	.00868	10.072	21.892	16.760	260.22	4.5700	5.5316
#1	-.00080	-.02756	-.00232	-.00212	.27795	-.00249	-.00486
#2	-.00080	-.03179	-.00170	-.00167	-.08221	-.00265	-.00525

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07043	-.00685	-.00530	-.00356	.00062	.00587	-.00277
SDev	.00729	.00061	.00194	.00252	.00059	.00340	.00090
%RSD	10.347	8.8974	36.616	70.728	94.169	57.985	32.689
#1	-.06528	-.00642	-.00393	-.00178	.00021	.00828	-.00213
#2	-.07559	-.00728	-.00667	-.00533	.00103	.00346	-.00341

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01878	-.05236	-.00635	-.00945	-.00562
SDev	.00067	.00132	.00021	.00014	.00273
%RSD	3.5787	2.5129	3.2999	1.4489	48.616
#1	-.01925	-.05143	-.00620	-.00936	-.00756
#2	-.01830	-.05329	-.00650	-.00955	-.00369

PK 4/29/04

Analysis Report 04/29/04 03:01:44 PM

Method: 6010B Sample Name: S2294-07 Operator: DR
Run Time: 04/29/04 14:59:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01347	.00066	.01310	-.00366	-.00695	.04067	.40778
SDev	.00434	.00106	.00089	.00043	.00476	.00584	.00112
%RSD	32.246	160.50	6.7574	11.807	68.422	14.355	.27390
#1	.01655	.00142	.01373	-.00396	-.00359	.04479	.40699
#2	.01040	-.00009	.01248	-.00335	-.01031	.03654	.40857

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00118	63.452	-.00042	-.00309	.00047	58.273
SDev	.00001	.00003	.227	.00015	.00045	.00014	.283
%RSD	4.2008	2.2488	.35827	35.826	14.682	29.192	.48547
#1	-.00021	.00116	63.291	-.00053	-.00341	.00038	58.073
#2	-.00020	.00120	63.613	-.00032	-.00277	.00057	58.473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15855	21.199	-.00290	-.00531	69.520	-.00264	.02541
SDev	.00069	.037	.00112	.00192	.256	.00046	.00024
%RSD	.43306	.17622	38.589	36.137	.36870	17.301	.93768
#1	.15806	21.173	-.00369	-.00396	69.338	-.00231	.02525
#2	.15903	21.226	-.00211	-.00667	69.701	-.00296	.02558

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.072	-.01023	-.00357	.02002	.00765	-.00351	-.00543
SDev	.004	.00476	.00475	.00283	.00274	.00719	.00308
%RSD	.01543	46.514	132.75	14.137	35.811	204.71	56.833
#1	29.069	-.00687	-.00022	.01801	.00959	-.00860	-.00325
#2	29.075	-.01360	-.00693	.02202	.00571	.00157	-.00761

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02326	.36474	-.00671	-.00918	10.434
SDev	.00094	.00439	.00021	.00018	.032
%RSD	4.0603	1.2024	3.1249	1.9190	.30287
#1	-.02259	.36164	-.00656	-.00905	10.411
#2	-.02393	.36784	-.00685	-.00930	10.456

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Method: 6010B Sample Name: PB13943BL Operator: DR
Run Time: 04/29/04 15:02:07
Comment: PBS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	-.00030	-.00177	-.00100	-.00537	-.01092	-.01275
SDev	.00006	.00087	.00044	.00010	.00210	.00218	.00021
%RSD	2.2716	295.65	24.667	10.341	39.006	19.997	1.6736
#1	.00254	.00032	-.00208	-.00093	-.00389	-.01247	-.01290
#2	.00263	-.00091	-.00146	-.00107	-.00686	-.00938	-.01260

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.00030	-.02684	-.00137	-.00373	-.00668	-.00996
SDev	.00000	.00042	.00156	.00002	.00052	.00006	.00449
%RSD	.25398	141.18	5.8268	1.3984	13.908	.85491	45.072
#1	-.00020	-.00000	-.02795	-.00139	-.00337	-.00672	-.00678
#2	-.00020	-.00060	-.02574	-.00136	-.00410	-.00664	-.01313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	-.03038	-.00302	-.00207	-.25919	-.00282	-.00613
SDev	.00002	.00349	.00066	.00104	.04546	.00023	.00004
%RSD	2.6018	11.478	21.698	50.194	17.538	8.2955	.66451
#1	-.00086	-.03284	-.00348	-.00280	-.22705	-.00265	-.00616
#2	-.00090	-.02791	-.00256	-.00134	-.29134	-.00298	-.00610

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.08946	-.00635	-.00661	-.00404	-.00264	.00342	-.00480
SDev	.00280	.00009	.00611	.00323	.00096	.00074	.00052
%RSD	3.1332	1.4768	92.325	79.885	36.288	21.510	10.868
#1	-.09144	-.00629	-.00230	-.00632	-.00196	.00290	-.00444
#2	-.08748	-.00642	-.01093	-.00176	-.00331	.00394	-.00517

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01950	-.05120	-.00666	-.01034	-.01347
SDev	.00031	.00169	.00040	.00202	.00319
%RSD	1.5836	3.3036	5.9769	19.493	23.690
#1	-.01972	-.05001	-.00694	-.01177	-.01572
#2	-.01928	-.05240	-.00638	-.00892	-.01121

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Method: 6010B Sample Name: PB13943BS Operator: DR
Run Time: 04/29/04 15:04:48
Comment: LCSS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74613	1.9338	.92336	1.8449	.73487	1.7812	1.9233
SDev	.00784	.0151	.00141	.0016	.00024	.0037	.0096
%RSD	1.0515	.78262	.15274	.08558	.03277	.20492	.49903
#1	.74058	1.9231	.92236	1.8460	.73470	1.7786	1.9165
#2	.75168	1.9445	.92436	1.8438	.73504	1.7838	1.9301

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18278	.18805	4.6223	.36405	.17835	.26648	Q2.5440
SDev	.00046	.00065	.0114	.00092	.00078	.00046	.0055
%RSD	.25048	.34372	.24664	.25269	.43660	.17349	.21620
#1	.18245	.18759	4.6142	.36340	.17780	.26616	Q2.5479
#2	.18310	.18851	4.6303	.36470	.17890	.26681	Q2.5401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18065	1.7867	.46797	.06931	3.3461	.26430	.20942
SDev	.00030	.0070	.00044	.00040	.1966	.00012	.00024
%RSD	.16465	.39030	.09406	.57397	5.8747	.04368	.11510
#1	.18044	1.7818	.46766	.06903	Q3.4851	.26438	.20959
#2	.18086	1.7916	.46828	.06960	3.2071	.26422	.20925

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5020	.74770	.70597	.91140	.92733	1.8337	1.8489
SDev	.0219	.00197	.00322	.00117	.00209	.0037	.0042
%RSD	.23088	.26352	.45660	.12867	.22585	.20059	.22736
#1	9.4865	.74631	.70825	.91057	.92585	1.8311	1.8519
#2	9.5175	.74909	.70369	.91223	.92881	1.8363	1.8459

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.35721	Q.22643	.17219	.62439	Q.77492
SDev	.00123	.00038	.00002	.00113	.00061
%RSD	.34574	.16601	.01217	.18179	.07841
#1	.35634	Q.22617	.17218	.62359	Q.77535
#2	.35808	Q.22670	.17221	.62519	Q.77449

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Method: 6010B Sample Name: S2324-01 Operator: DR
Run Time: 04/29/04 15:07:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04780	.00692	2.0178	-.00328	.01388	68.674	1.1620
SDev	.00021	.00526	.0020	.00230	.00314	.084	.0011
%RSD	.43103	75.933	.10094	70.014	22.663	.12164	.09164
#1	.04765	.01064	2.0164	-.00166	.01165	68.614	1.1612
#2	.04794	.00320	2.0193	-.00491	.01610	68.733	1.1627

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00355	.00513	41.791	.11766	.07425	.36959	140.80
SDev	.00001	.00008	.033	.00071	.00084	.00033	.16
%RSD	.19727	1.5031	.07916	.60298	1.1361	.09023	.11322
#1	.00355	.00507	41.768	.11816	.07365	.36982	140.69
#2	.00354	.00518	41.815	.11716	.07485	.36935	140.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.0560	32.265	.13056	-.01116	1.8351	.18525	1.2520
SDev	.0044	.010	.00042	.00051	.4978	.00035	.0017
%RSD	.14306	.03011	.31961	4.5389	27.128	.18652	.13459
#1	3.0529	32.272	.13027	-.01152	2.1872	.18550	1.2508
#2	3.0591	32.258	.13086	-.01081	1.4831	.18501	1.2531

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5447	.00888	.02067	2.0598	1.9950	-.00195	-.00555
SDev	.0196	.00300	.00343	.0020	.0042	.00073	.00308
%RSD	.20557	33.797	16.592	.09745	.21037	37.425	55.547
#1	9.5308	.00676	.01825	2.0612	1.9920	-.00143	-.00337
#2	9.5586	.01101	.02310	2.0583	1.9980	-.00246	-.00773

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02045	-.02547	2.2422	-.04957	12.291
SDev	.00064	.00188	.0051	.00395	.018
%RSD	3.1088	7.3808	.22711	7.9746	.14461
#1	-.02000	-.02414	2.2386	-.04678	12.304
#2	-.02090	-.02679	2.2458	-.05237	12.279

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Method: 6010B Sample Name: S2324-02 Operator: DR
Run Time: 04/29/04 15:09:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10726	-.00173	3.7745	-.00811	.03628	67.518	1.3746
SDev	.00338	.00512	.0042	.00388	.00131	.165	.0026
%RSD	3.1523	295.93	.11111	47.850	3.6041	.24420	.18602
#1	.10965	-.00535	3.7716	-.00537	.03721	67.635	1.3764
#2	.10487	.00189	3.7775	-.01086	.03536	67.401	1.3728

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	.00582	48.710	.12167	.11782	.43714	153.76
SDev	.00001	.00021	.083	.00027	.00068	.00216	.23
%RSD	.14870	3.5997	.17117	.21969	.57859	.49354	.15258
#1	.00365	.00596	48.769	.12186	.11830	.43866	153.92
#2	.00364	.00567	48.651	.12148	.11734	.43561	153.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2932	30.877	.13029	-.00784	3.2049	.18545	5.7563
SDev	.0045	.070	.00152	.00194	.0504	.00106	.0044
%RSD	.13621	.22666	1.1669	24.752	1.5722	.57252	.07639
#1	3.2963	30.926	.12921	-.00647	3.1693	.18620	5.7596
#2	3.2900	30.827	.13136	-.00921	3.2405	.18470	5.7534

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.393	.03098	.04370	3.7967	3.7616	-.00849	-.00962
SDev	.078	.00107	.00179	.0047	.0038	.00354	.00419
%RSD	.74976	3.4474	4.0907	.12295	.10144	41.687	43.584
#1	10.448	.03173	.04497	3.7934	3.7589	-.00598	-.00666
#2	10.338	.03022	.04244	3.8000	3.7643	-.01099	-.01259

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02111	-.03016	2.2957	-.05592	15.409
SDev	.00038	.00200	.0039	.00299	.007
%RSD	1.8063	6.6471	.16888	5.3542	.04831
#1	-.02085	-.02874	2.2984	-.05804	15.414
#2	-.02138	-.03158	2.2929	-.05381	15.404

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Analysis Report 04/29/04 03:12:40 PM

Method: 6010B Sample Name: S2324-03 Operator: DR
Run Time: 04/29/04 15:10:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04549	.00499	1.9504	-.00444	.01108	70.387	1.5502
SDev	.00003	.00250	.0455	.00088	.00234	.025	.0014
%RSD	.06451	50.058	2.3332	19.714	21.117	.03524	.08939
#1	.04551	.00675	1.9826	-.00382	.01273	70.370	1.5492
#2	.04547	.00322	1.9182	-.00506	.00942	70.405	1.5512

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00328	.00516	40.594	.11896	.06959	.36208	141.98
SDev	.00002	.00029	.038	.00034	.00075	.00001	.06
%RSD	.45712	5.7027	.09416	.29032	1.0723	.00149	.04349
#1	.00329	.00537	40.567	.11920	.06906	.36207	141.93
#2	.00327	.00495	40.621	.11871	.07012	.36208	142.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1283	38.653	.14138	-.01608	1.4998	.20324	1.2040
SDev	.0031	.048	.00044	.00295	.0531	.00023	.0032
%RSD	.09951	.12307	.31038	18.336	3.5422	.11410	.26793
#1	3.1261	38.687	.14107	-.01816	1.4622	.20340	1.2062
#2	3.1305	38.619	.14169	-.01399	1.5373	.20307	1.2017

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.6913	.00317	.02371	1.9490	1.9491	-.00748	-.00452
SDev	.0224	.00198	.00307	.0025	.0670	.00040	.00151
%RSD	.25800	62.301	12.937	.12752	3.4367	5.3627	33.438
#1	8.6754	.00457	.02587	1.9507	1.9964	-.00776	-.00345
#2	8.7071	.00177	.02154	1.9472	1.9017	-.00719	-.00559

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02354	-.03100	2.4336	-.06241	11.712
SDev	.00098	.00044	.0016	.00082	.008
%RSD	4.1659	1.4146	.06372	1.3169	.06615
#1	-.02424	-.03069	2.4325	-.06299	11.717
#2	-.02285	-.03131	2.4347	-.06183	11.706

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Method: 6010B Sample Name: S2324-04 Operator: DR
Run Time: 04/29/04 15:12:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07720	-.00139	4.5185	.00044	.01825	68.586	2.5452
SDev	.00262	.00787	.0218	.00056	.00202	.090	.0009
%RSD	3.3890	564.47	.48221	128.98	11.060	.13189	.03571
#1	.07535	.00417	4.5031	.00004	.01682	68.650	2.5458
#2	.07905	-.00696	4.5339	.00083	.01967	68.522	2.5445

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	.00547	21.880	.12035	.05633	.49430	122.51
SDev	.00002	.00003	.021	.00040	.00075	.00002	.24
%RSD	.68984	.56159	.09808	.33460	1.3252	.00385	.19884
#1	.00335	.00549	21.865	.12064	.05686	.49429	122.34
#2	.00332	.00544	21.895	.12007	.05580	.49432	122.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2436	26.037	.11945	-.00803	1.7104	.17494	2.3663
SDev	.0038	.040	.00116	.00122	.0553	.00011	.0014
%RSD	.11572	.15400	.97012	15.178	3.2340	.06165	.05895
#1	3.2410	26.009	.11863	-.00717	1.7496	.17502	2.3653
#2	3.2463	26.066	.12027	-.00889	1.6713	.17486	2.3673

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4896	.01444	.02267	4.5471	4.5023	.00375	-.00252
SDev	.0830	.00159	.00288	.0166	.0245	.00088	.00128
%RSD	1.2785	10.991	12.710	.36537	.54446	23.359	45.417
#1	6.5483	.01332	.02063	4.5354	4.4850	.00437	-.00372
#2	6.4310	.01556	.02471	4.5589	4.5196	.00313	-.00191

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01945	-.04186	2.0697	.01206	11.136
SDev	.00074	.00000	.0012	.00243	.008
%RSD	3.8294	.00000	.05872	20.116	.07367
#1	-.01892	-.04186	2.0689	.01035	11.142
#2	-.01997	-.04186	2.0706	.01378	11.130

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Analysis Report 04/29/04 03:16:38 PM page 1

Method: 6010B Sample Name: S2337-05 Operator: DR
Run Time: 04/29/04 15:14:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09111	.00443	2.3986	.00476	.00567	13.557	.49100
SDev	.00005	.00033	.0062	.00565	.00483	.009	.00016
%RSD	.05975	7.4712	.25673	118.70	85.189	.06729	.03176
#1	.09115	.00467	2.4029	.00076	.00908	13.551	.49089
#2	.09107	.00420	2.3942	.00876	.00225	13.564	.49111

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	.00380	13.583	.04336	.06807	1.9752	128.84
SDev	.00001	.00017	.041	.00017	.00000	.0065	.40
%RSD	.44635	4.6066	.29952	.39667	.00024	.32933	.31192
#1	.00149	.00368	13.554	.04324	.06807	1.9706	128.56
#2	.00150	.00392	13.611	.04348	.06807	1.9798	129.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7291	5.6392	.07276	-.01022	17.130	.08869	.78516
SDev	.0047	.0294	.00082	.00001	.157	.00048	.00028
%RSD	.27127	.52114	1.1313	.10048	.91760	.54556	.03609
#1	1.7258	5.6184	.07218	-.01023	17.019	.08835	.78496
#2	1.7324	5.6600	.07334	-.01022	17.241	.08904	.78537

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7405	.00232	.00916	2.3969	2.3970	.00364	.00362
SDev	.0202	.00444	.00560	.0067	.0126	.00416	.00625
%RSD	.73643	191.37	61.151	.27778	.52383	114.35	172.68
#1	2.7547	.00546	.01313	2.3922	2.4059	.00070	-.00080
#2	2.7262	-.00082	.00520	2.4016	2.3881	.00658	.00804

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00198	-.04372	1.2440	.04053	7.6347
SDev	.00060	.00050	.0033	.00053	.0099
%RSD	30.275	1.1465	.26616	1.3038	.12934
#1	-.00240	-.04336	1.2417	.04015	7.6278
#2	-.00156	-.04407	1.2464	.04090	7.6417

OK 4/29/04

Analysis Report 04/29/04 03:18:40 PM

Method: 6010B Sample Name: S2346-01 Operator: DR
Run Time: 04/29/04 15:16:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.04821	.01137	.01101	-.00447	.06644	-.00555
SDev	.00320	.00222	.00491	.00126	.00293	.00439	.00016
%RSD	337.47	4.6110	43.198	11.461	65.487	6.5990	2.8930
#1	-.00132	-.04664	.01485	.01191	-.00240	.06334	-.00566
#2	.00321	-.04979	.00790	.01012	-.00654	.06954	-.00543

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00041	1.9435	-.00076	-.00470	.02088	.27820
SDev	.00001	.00040	.0025	.00027	.00006	.00133	.05502
%RSD	2.8861	96.384	.12651	35.505	1.3785	6.3856	19.777
#1	-.00021	-.00070	1.9452	-.00095	-.00474	.02183	.31710
#2	-.00020	-.00013	1.9418	-.00057	-.00465	.01994	.23929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05642	2.5734	-.00180	-.00379	53.880	-.00355	.10686
SDev	.00041	.0062	.00071	.00150	.189	.00082	.00095
%RSD	.72970	.24196	39.136	39.553	.35170	22.993	.89064
#1	.05671	2.5689	-.00230	-.00485	53.746	-.00413	.10753
#2	.05613	2.5778	-.00130	-.00273	54.014	-.00297	.10618

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8642	-.00275	-.01112	.01151	.00931	.02810	.00068
SDev	.0364	.01085	.01295	.00566	.00454	.01266	.00443
%RSD	.36941	394.86	116.44	49.202	48.771	45.063	650.49
#1	9.8384	.00493	-.02028	.01551	.01252	.03706	-.00245
#2	9.8900	-.01042	-.00196	.00750	.00610	.01915	.00381

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01811	-.05094	-.00398	-.01063	.07043
SDev	.00078	.00094	.00017	.00352	.00030
%RSD	4.3124	1.8449	4.2127	33.135	.43140
#1	-.01866	-.05027	-.00386	-.01312	.07022
#2	-.01756	-.05160	-.00410	-.00814	.07065

DH 4/29/04

Analysis Report 04/29/04 03:28:13 PM

Method: 6010B Sample Name: S2346-02 Operator: DR
Run Time: 04/29/04 15:18:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	-.04560	.00643	.00910	-.00256	.07883	-.00317
SDev	.00082	.00202	.00018	.00001	.00368	.00803	.00032
%RSD	17.960	4.4314	2.8466	.06328	143.52	10.189	10.080
#1	.00517	-.04703	.00656	.00910	.00004	.08451	-.00295
#2	.00400	-.04417	.00630	.00911	-.00517	.07315	-.00340

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00028	2.1515	-.00011	-.00383	.05018	.18769
SDev	.00001	.00004	.0159	.00034	.00013	.00023	.01907
%RSD	2.7193	12.770	.73764	322.01	3.3922	.45750	10.161
#1	-.00021	-.00030	2.1627	.00014	-.00373	.05001	.20118
#2	-.00022	-.00025	2.1403	-.00035	-.00392	.05034	.17421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05582	2.6139	-.00241	-.00258	44.568	-.00289	.10051
SDev	.00062	.0247	.00010	.00039	.324	.00082	.00088
%RSD	1.1072	.94328	4.0442	15.211	.72626	28.338	.87237
#1	.05625	2.6313	-.00234	-.00286	44.797	-.00231	.10113
#2	.05538	2.5964	-.00248	-.00230	44.339	-.00347	.09989

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.883	-.00653	.00219	.00463	.00532	.01780	.00306
SDev	.075	.00418	.00268	.00066	.00005	.00025	.00027
%RSD	.68511	63.967	122.47	14.167	.99735	1.3827	8.9078
#1	10.936	-.00358	.00408	.00509	.00529	.01798	.00287
#2	10.830	-.00949	.00029	.00416	.00536	.01763	.00326

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01730	.01292	-.00491	-.00597	.12178
SDev	.00109	.00074	.00036	.00159	.00061
%RSD	6.2987	5.7438	7.2510	26.563	.49899
#1	-.01653	.01344	-.00466	-.00485	.12135
#2	-.01807	.01239	-.00517	-.00709	.12221

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Analysis Report QC Standard 04/29/04 03:31:37 PM

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 15:28:32
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7559	4.8968	4.5759	4.7519	4.7179	9.2924	9.6413
SDev	.0127	.0310	.0288	.0316	.0246	.0308	.0140
%RSD	.26759	.63357	.62978	.66592	.52137	.33093	.14489
#1	4.7469	4.8749	4.5555	4.7295	4.7005	9.2707	9.6315
#2	4.7649	4.9187	4.5963	4.7743	4.7353	9.3142	9.6512

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23219	2.3514	22.944	.90927	2.2577	1.1726	4.6026
SDev	.00067	.0073	.074	.00345	.0082	.0036	.0186
%RSD	.28949	.31048	.32442	.37918	.36498	.30995	.40389
#1	.23172	2.3463	22.892	.90683	2.2519	1.1752	4.5894
#2	.23267	2.3566	22.997	.91171	2.2635	1.1700	4.6157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2541	22.823	2.3219	1.1992	24.480	2.2553	2.3372
SDev	.0084	.077	.0075	.0005	.060	.0082	.0081
%RSD	.37065	.33938	.32342	.04038	.24610	.36307	.34672
#1	Q2.2482	22.768	2.3166	1.1989	24.522	Q2.2495	2.3314
#2	2.2600	22.877	2.3272	1.1996	24.437	2.2611	2.3429

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.533	4.8151	4.5200	4.5372	4.5933	4.7516	4.7504
SDev	.027	.0214	.0311	.0127	.0367	.0106	.0420
%RSD	.11196	.44374	.68738	.28015	.79940	.22254	.88459
#1	24.514	4.8000	4.4980	4.5282	4.5673	4.7441	4.7207
#2	24.553	4.8302	4.5419	4.5461	4.6193	4.7590	4.7801

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.7312	4.7483	4.5243	Q4.4420	5.4167
SDev	.0237	.0386	.0152	.0166	.0055
%RSD	.50057	.81262	.33627	.37404	.10097
#1	4.7145	4.7210	4.5136	Q4.4302	5.4206
#2	4.7479	4.7756	4.5351	Q4.4537	5.4129

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Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 15:37:07
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00586	.00229	.00168	.00114	-.00920	.01379	-.01150
SDev	.00234	.00345	.00079	.00066	.00065	.01527	.00069
%RSD	39.992	150.40	47.111	57.906	7.0931	110.73	6.0239
#1	.00752	.00474	.00224	.00068	-.00966	.02458	-.01101
#2	.00420	-.00015	.00112	.00161	-.00874	.00299	-.01199

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	-.00090	-.03680	-.00465	-.00793	-.01637	.02503
SDev	.00012	.00071	.00402	.00339	.00367	.00913	.02476
%RSD	44.396	78.595	10.933	72.911	46.216	55.794	98.927
#1	-.00036	-.00141	-.03965	-.00705	-.01052	-.02282	.04254
#2	-.00019	-.00040	-.03396	-.00225	-.00534	-.00991	.00752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	-.05151	-.00599	-.00726	-1.7695	-.00654	-.00610
SDev	.00082	.02092	.00397	.00583	1.5855	.00410	.00096
%RSD	52.229	40.615	66.321	80.321	89.601	62.598	15.683
#1	-.00216	-.06630	-.00879	Q-.01139	-2.8907	-.00944	-.00678
#2	-.00099	-.03672	-.00318	-.00314	-.64840	-.00365	-.00542

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.43869	-.02103	.01130	-.01505	.00804	-.01190	.00606
SDev	.34084	.01108	.02023	.01285	.00760	.01431	.00615
%RSD	77.695	52.679	179.04	85.372	94.594	120.25	101.56
#1	-.67970	-.02886	.02560	-.02414	.01342	-.02203	.01041
#2	-.19768	-.01320	-.00301	-.00597	.00266	-.00178	.00171

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01734	.00872	-.00530	-.00355	.01511
SDev	.00231	.00359	.00065	.00274	.02294
%RSD	13.303	41.124	12.261	77.266	151.84
#1	-.01571	.01126	-.00484	-.00161	.03133
#2	-.01897	.00619	-.00576	-.00548	-.00111

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Method: 6010B Sample Name: S2346-03 Operator: DR
Run Time: 04/29/04 15:39:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	-.03700	.00387	.01279	.00104	.04170	.00241
SDev	.00012	.00302	.00070	.00194	.00209	.00512	.00021
%RSD	3.5488	8.1744	18.152	15.202	200.62	12.288	8.8517
#1	.00342	-.03486	.00437	.01417	-.00044	.04532	.00256
#2	.00325	-.03914	.00337	.01142	.00251	.03807	.00226

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00020	2.7663	.00067	-.00360	.02067	.11148
SDev	.00005	.00009	.0186	.00054	.00078	.00035	.00559
%RSD	30.847	45.094	.67066	79.751	21.646	1.6734	5.0158
#1	-.00013	.00026	2.7532	.00105	-.00305	.02042	.11544
#2	-.00020	.00014	2.7795	.00029	-.00415	.02091	.10753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05694	3.0851	-.00046	-.00171	53.048	-.00240	.11266
SDev	.00037	.0092	.00115	.00088	.231	.00152	.00056
%RSD	.64302	.29869	252.43	51.734	.43465	63.417	.49730
#1	.05668	3.0786	.00036	-.00108	52.885	-.00132	.11226
#2	.05720	3.0916	-.00127	-.00233	53.211	-.00347	.11305

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.807	-.00065	.00123	.00157	.00302	.01869	.00805
SDev	.035	.00470	.00315	.00064	.00137	.00445	.00070
%RSD	.21987	720.67	257.27	41.108	45.500	23.793	8.6463
#1	15.783	-.00398	.00346	.00111	.00400	.02183	.00854
#2	15.832	.00267	-.00100	.00202	.00205	.01554	.00756

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01392	.02822	-.00527	-.00695	.20751
SDev	.00056	.00037	.00002	.00012	.00851
%RSD	4.0438	1.3146	.39774	1.6895	4.0999
#1	-.01432	.02848	-.00528	-.00687	.21352
#2	-.01352	.02796	-.00525	-.00703	.20149

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Method: 6010B Sample Name: S2349-01 Operator: DR
Run Time: 04/29/04 15:41:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01839	.00077	.03967	.00104	-.00791	40.165	.12055
SDev	.00006	.00274	.00084	.00217	.00196	.117	.00038
%RSD	.33632	357.58	2.1203	207.96	24.797	.29221	.31440
#1	.01834	.00270	.04026	-.00049	-.00929	40.082	.12028
#2	.01843	-.00117	.03907	.00258	-.00652	40.248	.12082

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	.00130	6.6490	.04077	.02270	.06365	75.638
SDev	.00000	.00005	.0227	.00032	.00064	.00014	.222
%RSD	.00105	3.9922	.34180	.78403	2.8336	.21659	.29308
#1	.00174	.00133	6.6330	.04099	.02224	.06355	75.481
#2	.00174	.00126	6.6651	.04054	.02315	.06375	75.795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4018	11.129	.05388	-.00457	1.7242	.08190	.14969
SDev	.0048	.030	.00036	.00097	.6783	.00001	.00049
%RSD	.34309	.27191	.66755	21.266	39.338	.01012	.32712
#1	1.3984	11.107	.05363	-.00388	2.2038	.08189	.14934
#2	1.4052	11.150	.05413	-.00526	1.2446	.08190	.15003

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6943	-.01285	-.00122	.06695	.02425	-.00030	.00012
SDev	.0375	.00409	.00231	.00009	.00121	.00519	.00066
%RSD	1.0145	31.855	189.95	.13723	5.0117	1703.6	569.65
#1	3.7208	-.01574	.00042	.06702	.02510	-.00397	-.00035
#2	3.6678	-.00995	-.00285	.06689	.02339	.00336	.00058

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02101	.00918	.69301	-.03743	10.365
SDev	.00032	.00044	.00260	.00002	.049
%RSD	1.5063	4.8229	.37541	.05474	.46888
#1	-.02124	.00887	.69117	-.03744	10.330
#2	-.02079	.00949	.69485	-.03741	10.399

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Method: 6010B Sample Name: S2349-01D Operator: DR
Run Time: 04/29/04 15:43:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01902	.00220	.03948	-.00133	-.00535	40.250	.12159
SDev	.00174	.00451	.00081	.00075	.00417	.185	.00032
%RSD	9.1564	205.14	2.0593	56.826	77.969	.46035	.26607
#1	.01779	-.00099	.03891	-.00079	-.00240	40.381	.12182
#2	.02026	.00539	.04006	-.00186	-.00830	40.119	.12136

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	.00108	6.6603	.04123	.02255	.06236	75.403
SDev	.00003	.00010	.0220	.00018	.00010	.00015	.326
%RSD	1.3901	9.5530	.33077	.43609	.44991	.23387	.43175
#1	.00180	.00101	6.6759	.04110	.02263	.06246	75.633
#2	.00177	.00115	6.6448	.04136	.02248	.06226	75.173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4031	11.152	.05354	-.00377	1.3474	.08232	.14956
SDev	.0060	.030	.00046	.00149	.0848	.00035	.00076
%RSD	.42802	.27134	.85680	39.435	6.2974	.42973	.50754
#1	1.4074	11.173	.05387	-.00272	1.4074	.08207	.15040
#2	1.3989	11.130	.05322	-.00483	1.2874	.08257	.14932

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7313	-.01048	.00171	.07123	.02183	.00019	-.00368
SDev	.0125	.00714	.00177	.00083	.00081	.00601	.00413
%RSD	.33482	68.151	103.59	1.1607	3.6926	3143.9	112.07
#1	3.7401	-.00543	.00046	.07064	.02126	-.00406	-.00076
#2	3.7224	-.01553	.00296	.07181	.02240	.00444	-.00660

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02013	.00779	.69328	-.03569	10.476
SDev	.00093	.00266	.00241	.00301	.014
%RSD	4.6246	34.086	.34689	8.4392	.13295
#1	-.02079	.00592	.69498	-.03782	10.485
#2	-.01947	.00967	.69158	-.03356	10.466

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Method: 6010B Sample Name: S2349-01LX5 Operator: DR
Run Time: 04/29/04 15:48:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00392	.00401	.00711	-.00205	-.00923	7.9954	.01360
SDev	.00256	.00526	.00021	.00203	.00151	.0340	.00011
%RSD	65.237	131.18	2.8909	99.305	16.324	.42472	.79389
#1	.00211	.00029	.00726	-.00061	-.00817	7.9714	.01352
#2	.00573	.00773	.00696	-.00348	-.01030	8.0194	.01367

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00004	1.3300	.00727	.00131	.01338	15.248
SDev	.00001	.00014	.0049	.00020	.00010	.00031	.099
%RSD	3.1392	395.23	.36615	2.7459	7.7981	2.2966	.64805
#1	.00022	.00014	1.3266	.00741	.00123	.01316	15.178
#2	.00021	-.00007	1.3335	.00713	.00138	.01360	15.317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28461	2.2652	.00902	-.00231	1.0176	.01404	.02609
SDev	.00101	.0028	.00120	.00090	.0832	.00061	.00039
%RSD	.35308	.12559	13.259	38.928	8.1790	4.3257	1.4962
#1	.28390	2.2672	.00986	-.00168	.95873	.01447	.02637
#2	.28533	2.2632	.00817	-.00295	1.0764	.01361	.02582

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49121	-.01119	-.00852	.01219	.00237	.00399	-.00676
SDev	.01420	.00048	.00356	.00071	.00066	.00686	.00052
%RSD	2.8901	4.3020	41.788	5.7950	27.860	171.85	7.7354
#1	.50125	-.01085	-.00601	.01170	.00284	.00885	-.00713
#2	.48118	-.01153	-.01104	.01269	.00191	-.00086	-.00639

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02068	.00319	.13350	-.01648	2.1741
SDev	.00015	.00247	.00083	.00186	.0067
%RSD	.72015	77.400	.62228	11.315	.30666
#1	-.02079	.00144	.13292	-.01780	2.1694
#2	-.02058	.00493	.13409	-.01516	2.1789

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~~DR 4/29/04~~

DR 4/29/04

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Method: 6010B Sample Name: S2349-01S Operator: DR
Run Time: 04/29/04 15:50:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75033	1.8844	.95864	1.8297	.71974	41.587	2.0552
SDev	.00241	.0016	.00268	.0057	.00239	.162	.0070
%RSD	.32105	.08367	.27937	.30999	.33213	.39023	.33913
#1	.74863	1.8856	.95675	1.8257	.71805	41.472	2.0502
#2	.75203	1.8833	.96053	1.8337	.72143	41.701	2.0601

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18558	.18616	10.515	.40176	.20320	.34123	71.750
SDev	.00053	.00086	.024	.00046	.00017	.00107	.136
%RSD	.28831	.46008	.22717	.11416	.08352	.31259	.18888
#1	.18520	.18556	10.498	.40143	.20308	.34199	71.654
#2	.18596	.18677	10.532	.40208	.20332	.34048	71.845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5892	12.670	.51610	.06658	3.8478	.33884	.33605
SDev	.0034	.025	.00220	.00084	.0184	.00111	.00113
%RSD	.21231	.19596	.42579	1.2683	.47755	.32629	.33592
#1	1.5868	12.653	.51766	.06718	3.8348	.33806	.33525
#2	1.5916	12.688	.51455	.06599	3.8608	.33963	.33684

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.396	.72637	.70327	.98543	.94326	1.8160	1.8348
SDev	.023	.00033	.00653	.00026	.00389	.0085	.0041
%RSD	.21849	.04481	.92803	.02636	.41192	.46851	.22425
#1	10.380	.72614	.69865	.98525	.94052	1.8100	1.8319
#2	10.412	.72660	.70788	.98562	.94601	1.8220	1.8377

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.34918	.26079	.80460	.59402	14.422
SDev	.00080	.00228	.00094	.00070	.051
%RSD	.22927	.87323	.11684	.11726	.35546
#1	.34975	.25918	.80393	.59451	14.386
#2	.34862	.26240	.80526	.59352	14.458

DR 4/27/04

Analysis Report 04/29/04 03:53:59 PM

Method: 6010B Sample Name: S2349-01SD Operator: DR
Run Time: 04/29/04 15:52:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75734	1.9127	.96139	1.8340	.71742	41.842	2.0677
SDev	.00009	.0214	.00019	.0108	.00040	.087	.0015
%RSD	.01233	1.1213	.02002	.58705	.05573	.20746	.07367
#1	.75740	1.9278	.96152	1.8416	.71771	41.904	2.0688
#2	.75727	1.8975	.96125	1.8263	.71714	41.781	2.0666

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18657	.18666	10.569	.40411	.20396	.33982	72.051
SDev	.00013	.00005	.019	.00092	.00152	.00097	.160
%RSD	.06821	.02675	.18432	.22715	.74715	.28590	.22150
#1	.18666	.18662	10.583	.40476	.20504	.34050	72.164
#2	.18648	.18669	10.555	.40346	.20288	.33913	71.939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5976	12.738	.51915	.06729	3.9884	.34067	.33706
SDev	.0023	.034	.00231	.00072	.1048	.00050	.00018
%RSD	.14376	.26803	.44480	1.0741	2.6288	.14579	.05214
#1	1.5993	12.762	.51752	.06780	4.0626	.34103	.33718
#2	1.5960	12.713	.52078	.06678	3.9143	.34032	.33693

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.463	.72462	.69980	.98710	.94625	1.8185	1.8399
SDev	.019	.00297	.00715	.00096	.00063	.0039	.0142
%RSD	.18453	.40975	1.0214	.09736	.06627	.21438	.77163
#1	10.476	.72252	.70486	.98642	.94669	1.8213	1.8499
#2	10.449	.72672	.69475	.98778	.94581	1.8158	1.8298

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.35315	.26316	.80862	.59528	14.518
SDev	.00071	.00234	.00125	.00318	.013
%RSD	.20034	.88941	.15411	.53346	.08878
#1	.35265	.26481	.80950	.59752	14.527
#2	.35365	.26150	.80774	.59303	14.509

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Method: 6010B Sample Name: S2349-01A Operator: DR
Run Time: 04/29/04 15:54:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75146	1.9049	.96115	1.8345	.72281	41.671	2.0591
SDev	.00358	.0085	.00419	.0041	.00955	.015	.0009
%RSD	.47665	.44499	.43560	.22144	1.3212	.03530	.04503
#1	.74893	1.8989	.95819	1.8373	.72957	41.660	2.0597
#2	.75399	1.9109	.96411	1.8316	.71606	41.681	2.0584

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18578	.18665	10.523	.40239	.20336	.33674	71.653
SDev	.00010	.00002	.010	.00016	.00081	.00035	.153
%RSD	.05225	.01043	.09697	.03968	.39954	.10318	.21392
#1	.18571	.18664	10.516	.40228	.20394	.33698	71.544
#2	.18585	.18667	10.530	.40250	.20279	.33649	71.761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5905	12.672	.51630	.06718	3.8986	.34005	.33547
SDev	.0015	.014	.00006	.00034	.1411	.00036	.00028
%RSD	.09629	.11430	.01116	.51271	3.6181	.10588	.08206
#1	1.5894	12.682	.51626	.06742	3.9984	.34031	.33567
#2	1.5916	12.661	.51634	.06693	3.7989	.33980	.33528

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.494	.73123	.70276	.98132	.94898	1.8179	1.8410
SDev	.034	.01503	.00144	.00119	.00673	.0003	.0060
%RSD	.32468	2.0561	.20459	.12134	.70920	.01506	.32340
#1	10.518	.74186	.70174	.98216	.94422	1.8180	1.8452
#2	10.470	.72059	.70377	.98048	.95373	1.8177	1.8367

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.35207	.26280	.80579	.59207	14.457
SDev	.00022	.00057	.00162	.00307	.044
%RSD	.06346	.21664	.20078	.51905	.30745
#1	.35223	.26240	.80464	.59425	14.489
#2	.35191	.26320	.80693	.58990	14.426

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Method: 6010B Sample Name: S2349-02 Operator: DR
Run Time: 04/29/04 15:56:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01170	.00502	.04802	.00613	-.00427	10.781	.13545
SDev	.00238	.00237	.00072	.00088	.00143	.052	.00125
%RSD	20.303	47.270	1.4935	14.318	33.389	.47954	.92461
#1	.01339	.00670	.04853	.00675	-.00528	10.817	.13634
#2	.01002	.00334	.04752	.00551	-.00326	10.744	.13457

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00135	52.311	.02025	.00631	.05528	25.609
SDev	.00008	.00012	.163	.00024	.00034	.00078	.020
%RSD	17.931	8.9383	.31253	1.1906	5.3711	1.4113	.07917
#1	.00051	.00127	52.426	.02008	.00655	.05583	25.623
#2	.00040	.00144	52.195	.02042	.00607	.05472	25.595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6231	12.223	.01962	-.00280	2.8103	.02596	.19357
SDev	.0061	.024	.00092	.00057	.2751	.00049	.00014
%RSD	.37442	.19255	4.6943	20.304	9.7886	1.8806	.07240
#1	1.6274	12.240	.01896	-.00320	2.6157	.02562	.19367
#2	1.6189	12.206	.02027	-.00239	3.0048	.02631	.19347

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.3942	-.00470	-.00661	.05795	.04077	.00521	.00479
SDev	.0097	.00262	.00954	.00525	.00169	.00028	.00146
%RSD	.10276	55.784	144.27	9.0653	4.1426	5.4474	30.442
#1	9.3874	-.00285	-.01336	.06166	.03957	.00501	.00582
#2	9.4011	-.00656	.00013	.05424	.04196	.00541	.00376

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01954	.05038	.23651	-.01722	5.6453
SDev	.00002	.00190	.00033	.00283	.0016
%RSD	.09530	3.7670	.13866	16.422	.02887
#1	-.01955	.05172	.23674	-.01522	5.6464
#2	-.01952	.04904	.23628	-.01922	5.6441

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Method: 6010B Sample Name: S2349-03 Operator: DR
Run Time: 04/29/04 15:57:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01567	.00105	.03707	-.00261	-.00557	35.659	.10734
SDev	.00199	.00444	.00058	.00225	.00118	.040	.00109
%RSD	12.680	422.68	1.5527	85.902	21.111	.11217	1.0162
#1	.01426	.00419	.03748	-.00103	-.00474	35.687	.10811
#2	.01707	-.00209	.03666	-.00420	-.00640	35.631	.10657

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	.00097	9.5554	.03749	.02074	.05522	68.171
SDev	.00002	.00032	.0088	.00008	.00037	.00055	.151
%RSD	.98964	32.724	.09222	.21319	1.7950	.99803	.22112
#1	.00163	.00119	9.5492	.03755	.02047	.05483	68.065
#2	.00161	.00075	9.5616	.03744	.02100	.05561	68.278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4630	10.647	.04919	-.00413	1.3665	.07209	.15280
SDev	.0008	.009	.00096	.00092	.4707	.00001	.00051
%RSD	.05560	.08259	1.9473	22.360	34.448	.00816	.33635
#1	1.4624	10.653	.04851	-.00479	1.6993	.07209	.15243
#2	1.4636	10.641	.04987	-.00348	1.0336	.07210	.15316

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6172	-.00956	-.00077	.06311	.02248	-.00364	-.00370
SDev	.0045	.00669	.00986	.00514	.00170	.01009	.00167
%RSD	.12559	69.926	1275.6	8.1439	7.5763	277.29	45.177
#1	3.6140	-.00483	-.00775	.06674	.02127	.00350	-.00488
#2	3.6204	-.01429	.00620	.05947	.02368	-.01078	-.00252

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02200	.00457	.58774	-.03150	8.2667
SDev	.00034	.00202	.00020	.00229	.0679
%RSD	1.5234	44.255	.03348	7.2844	.82087
#1	-.02176	.00601	.58760	-.02988	8.3146
#2	-.02224	.00314	.58788	-.03312	8.2187

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Method: 6010B Sample Name: S2349-04 Operator: DR
Run Time: 04/29/04 16:00:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01885	.00531	.04101	-.00387	-.00620	37.841	.10452
SDev	.00430	.00512	.00117	.00061	.00001	.264	.00054
%RSD	22.803	96.439	2.8551	15.724	.22176	.69708	.51645
#1	.02188	.00893	.04018	-.00344	-.00619	37.655	.10414
#2	.01581	.00169	.04184	-.00430	-.00621	38.028	.10490

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	.00110	9.1663	.03961	.02143	.05812	72.704
SDev	.00000	.00027	.0448	.00012	.00068	.00014	.481
%RSD	.05022	24.352	.48827	.30368	3.1597	.24346	.66207
#1	.00169	.00091	9.1346	.03970	.02191	.05822	72.364
#2	.00169	.00129	9.1979	.03953	.02095	.05802	73.045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4989	11.057	.05109	-.00313	1.1104	.07806	.14852
SDev	.0082	.051	.00012	.00148	.0059	.00038	.00044
%RSD	.54754	.45846	.23854	47.164	.53536	.49380	.29698
#1	1.4931	11.021	.05100	-.00209	1.1062	.07779	.14820
#2	1.5047	11.093	.05117	-.00417	1.1147	.07834	.14883

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9172	-.01017	-.00145	.06987	.02500	-.00321	-.00580
SDev	.0006	.00103	.00201	.00140	.00245	.00123	.00030
%RSD	.01450	10.086	138.88	2.0017	9.8155	38.354	5.1453
#1	3.9168	-.00944	-.00287	.07086	.02326	-.00234	-.00559
#2	3.9176	-.01059	-.00003	.06888	.02673	-.00407	-.00601

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02225	.00113	.67432	-.03747	8.4604
SDev	.00024	.00019	.00398	.00008	.0369
%RSD	1.0878	16.797	.59007	.21871	.43607
#1	-.02208	.00100	.67151	-.03753	8.4343
#2	-.02242	.00126	.67714	-.03741	8.4865

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 16:02:18
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8383	4.9850	4.7145	4.8403	4.7764	9.5257	9.7803
SDev	.0059	.0007	.0051	.0041	.0038	.0049	.0176
%RSD	.12128	.01416	.10909	.08450	.07874	.05186	.17987
#1	4.8342	4.9855	4.7182	4.8432	4.7791	9.5222	9.7678
#2	4.8425	4.9845	4.7109	4.8374	4.7738	9.5292	9.7927

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23664	2.3956	23.478	.92997	2.3101	1.1655	4.8016
SDev	.00041	.0035	.042	.00088	.0028	.0020	.0000
%RSD	.17423	.14759	.17779	.09435	.12304	.17479	.00065
#1	.23635	2.3931	23.448	.92935	2.3081	1.1641	4.8017
#2	.23693	2.3981	23.507	.93060	2.3121	1.1669	4.8016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3079	23.479	2.3735	1.2161	24.891	2.3041	2.3748
SDev	.0039	.050	.0063	.0023	.091	.0022	.0053
%RSD	.16897	.21261	.26633	.18507	.36478	.09549	.22255
#1	2.3051	23.443	2.3690	1.2145	24.826	2.3026	2.3711
#2	2.3107	23.514	2.3780	1.2177	24.955	2.3057	2.3786

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.924	4.8498	4.6262	4.6799	4.7298	4.8144	4.8515
SDev	.044	.0043	.0200	.0042	.0056	.0124	.0002
%RSD	.17544	.08944	.43194	.08954	.11880	.25806	.00437
#1	24.893	4.8468	4.6403	4.6829	4.7338	4.8232	4.8514
#2	24.955	4.8529	4.6120	4.6770	4.7258	4.8056	4.8517

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8156	4.8413	4.6111	4.5897	5.3928
SDev	.0095	.0125	.0059	.0053	.0164
%RSD	.19794	.25741	.12848	.11517	.30496
#1	4.8089	4.8325	4.6069	4.5860	5.3812
#2	4.8224	4.8501	4.6153	4.5935	5.4044

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Analysis Report QC Standard 04/29/04 04:07:03 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 16:05:18
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	-.00339	-.00191	-.00152	-.00985	.00988	-.01332
SDev	.00129	.00321	.00013	.00229	.00076	.00113	.00016
%RSD	40.948	94.811	6.6101	150.33	7.7178	11.409	1.2256
#1	.00407	-.00112	-.00200	.00010	-.01039	.01068	-.01321
#2	.00224	-.00566	-.00182	-.00314	-.00931	.00908	-.01344

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00042	-.02344	-.00166	-.00460	-.00105	.02255
SDev	.00002	.00007	.00116	.00040	.00081	.00030	.00760
%RSD	7.5616	17.270	4.9467	23.980	17.642	28.538	33.710
#1	-.00022	-.00047	-.02262	-.00195	-.00518	-.00126	.02793
#2	-.00020	-.00037	-.02426	-.00138	-.00403	-.00084	.01718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.02835	-.00275	-.00240	.11074	-.00317	-.00654
SDev	.00007	.00207	.00047	.00028	.14970	.00012	.00025
%RSD	133.08	7.2974	16.913	11.809	135.18	3.8634	3.8162
#1	.00010	-.02982	-.00308	-.00260	.00489	-.00326	-.00672
#2	.00000	-.02689	-.00242	-.00220	.21660	-.00309	-.00636

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.19262	-.00813	-.01650	-.00413	-.00280	.00025	-.00400
SDev	.00227	.00167	.00106	.00227	.00095	.00132	.00277
%RSD	1.1793	20.520	6.4167	55.007	33.798	526.69	69.157
#1	-.19101	-.00931	-.01575	-.00574	-.00213	.00118	-.00205
#2	-.19422	-.00695	-.01725	-.00252	-.00347	-.00068	-.00596

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02167	.00126	-.00646	-.01084	-.01078
SDev	.00002	.00240	.00026	.00037	.00119
%RSD	.08592	190.17	4.0602	3.4014	10.996
#1	-.02168	-.00044	-.00628	-.01110	-.01162
#2	-.02166	.00296	-.00665	-.01058	-.00994

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Method: 6010B Sample Name: S2349-05 Operator: DR
Run Time: 04/29/04 16:07:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01506	-.00450	.03720	-.00181	-.00561	34.833	.10689
SDev	.00078	.00280	.00108	.00124	.00160	.246	.00065
%RSD	5.1658	62.279	2.8982	68.533	28.602	.70741	.60768
#1	.01561	-.00252	.03644	-.00093	-.00674	34.659	.10643
#2	.01451	-.00648	.03797	-.00268	-.00447	35.007	.10735

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	.00126	7.9246	.03634	.01837	.05333	67.308
SDev	.00004	.00004	.0452	.00002	.00047	.00081	.402
%RSD	2.4781	3.3429	.57064	.05456	2.5790	1.5109	.59662
#1	.00151	.00123	7.8926	.03632	.01803	.05390	67.024
#2	.00145	.00129	7.9566	.03635	.01870	.05276	67.592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4644	10.177	.04749	-.00094	1.0573	.07283	.13534
SDev	.0074	.021	.00154	.00450	.3113	.00157	.00070
%RSD	.50325	.20839	3.2417	476.48	29.442	2.1582	.52026
#1	1.4592	10.192	.04640	.00224	.83721	.07394	.13485
#2	1.4696	10.162	.04858	-.00413	1.2774	.07172	.13584

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1888	-.01366	.00732	.05972	.02397	-.00813	-.00035
SDev	.0789	.00461	.00441	.00321	.00055	.00140	.00270
%RSD	2.4754	33.720	60.260	5.3788	2.3049	17.239	774.43
#1	3.1330	-.01692	.01044	.05744	.02436	-.00912	.00156
#2	3.2446	-.01041	.00420	.06199	.02358	-.00714	-.00225

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02183	.00202	.61966	-.03337	9.9847
SDev	.00102	.00272	.00424	.00084	.0674
%RSD	4.6912	134.36	.68446	2.5173	.67517
#1	-.02255	.00010	.61666	-.03396	9.9371
#2	-.02110	.00395	.62266	-.03278	10.032

CL 4/29/04

Analysis Report 04/29/04 04:11:52 PM

Method: 6010B Sample Name: S2349-06 Operator: DR
Run Time: 04/29/04 16:09:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01423	-.00299	.03276	-.00238	-.00666	30.299	.09239
SDev	.00127	.00047	.00082	.00016	.00121	.132	.00027
%RSD	8.9026	15.815	2.5083	6.6764	18.176	.43593	.29191
#1	.01334	-.00333	.03334	-.00227	-.00581	30.205	.09220
#2	.01513	-.00266	.03218	-.00249	-.00752	30.392	.09258

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.00071	13.370	.03195	.01837	.05287	57.333
SDev	.00001	.00003	.059	.00056	.00041	.00050	.261
%RSD	.58541	3.6337	.44230	1.7472	2.2119	.94495	.45513
#1	.00127	.00073	13.328	.03156	.01865	.05251	57.148
#2	.00128	.00069	13.412	.03235	.01808	.05322	57.517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3189	9.9746	.04182	-.00449	1.1425	.05766	.13590
SDev	.0061	.0476	.00001	.00064	.2070	.00026	.00011
%RSD	.46622	.47711	.01170	14.276	18.116	.44359	.07826
#1	1.3146	9.9409	.04182	-.00495	.99618	.05748	.13582
#2	1.3233	10.008	.04183	-.00404	1.2889	.05784	.13597

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.0430	-.00974	-.00370	.05393	.01979	-.00521	-.00267
SDev	.0341	.00056	.00475	.00217	.00232	.00635	.00355
%RSD	1.1197	5.7214	128.46	4.0279	11.703	121.98	133.41
#1	3.0189	-.01013	-.00034	.05239	.02143	-.00970	-.00016
#2	3.0671	-.00935	-.00706	.05547	.01816	-.00072	-.00518

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02203	.00864	.56497	-.02876	10.260
SDev	.00004	.00044	.00306	.00010	.048
%RSD	.16907	5.1224	.54176	.35615	.46932
#1	-.02205	.00896	.56280	-.02869	10.226
#2	-.02200	.00833	.56713	-.02883	10.294

0442914

Analysis Report 04/29/04 04:15:27 PM

Method: 6010B Sample Name: S2350-01 Operator: DR
Run Time: 04/29/04 16:13:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01718	.00605	.26725	-.00426	-.00505	38.769	.13267
SDev	.00063	.00363	.00181	.00655	.00033	.040	.00016
%RSD	3.6859	59.961	.67566	153.52	6.4900	.10317	.12134
#1	.01674	.00348	.26598	.00036	-.00528	38.741	.13255
#2	.01763	.00861	.26853	-.00889	-.00482	38.797	.13278

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	.00122	22.147	.08950	.03935	.05888	80.979
SDev	.00001	.00016	.035	.00048	.00058	.00104	.242
%RSD	.41082	13.375	.16020	.53557	1.4624	1.7620	.29877
#1	.00220	.00134	22.122	.08984	.03895	.05814	80.808
#2	.00222	.00111	22.172	.08916	.03976	.05961	81.150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77997	37.817	.31071	-.00488	2.0612	.10172	.22137
SDev	.00153	.045	.00002	.00006	.2016	.00048	.00141
%RSD	.19631	.11900	.00496	1.2763	9.7798	.47169	.63660
#1	.77888	37.785	.31070	-.00493	2.2038	.10206	.22037
#2	.78105	37.849	.31072	-.00484	1.9187	.10138	.22236

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6494	-.00996	.00159	.29787	.25017	-.00176	-.00711
SDev	.0074	.00120	.00339	.00114	.00214	.00522	.00721
%RSD	.13068	12.077	213.58	.38353	.85417	296.27	101.33
#1	5.6547	-.00911	-.00081	.29707	.24866	.00193	-.00202
#2	5.6442	-.01081	.00399	.29868	.25168	-.00546	-.01221

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01617	.00766	.96775	-.05513	7.2057
SDev	.00032	.00120	.00160	.00023	.0138
%RSD	1.9578	15.690	.16491	.40880	.19122
#1	-.01639	.00681	.96662	-.05497	7.1959
#2	-.01594	.00851	.96888	-.05529	7.2154

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Analysis Report 04/29/04 04:17:28 PM

Method: 6010B Sample Name: S2350-02 Operator: DR
Run Time: 04/29/04 16:15:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02131	-.00168	.07564	-.00438	-.00598	53.768	.63844
SDev	.00133	.00551	.00202	.00079	.00057	.126	.00228
%RSD	6.2257	327.84	2.6697	18.130	9.4860	.23437	.35735
#1	.02038	-.00558	.07707	-.00382	-.00558	53.679	.63683
#2	.02225	.00222	.07421	-.00495	-.00638	53.857	.64006

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	.00369	23.930	.18657	.16086	.19925	156.20
SDev	.00004	.00009	.066	.00162	.00017	.00217	.59
%RSD	1.5252	2.3583	.27619	.86664	.10436	1.0879	.37955
#1	.00257	.00375	23.883	.18771	.16074	.20078	155.78
#2	.00262	.00363	23.977	.18543	.16098	.19772	156.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.8506	292.60	2.7414	-.00515	2.5236	.16157	.27848
SDev	.0195	.70	.0070	.00655	.0168	.00340	.00040
%RSD	.33332	.23946	.25562	127.16	.66388	2.1041	.14411
#1	5.8368	292.10	2.7364	-.00052	2.5355	.16397	.27876
#2	5.8644	293.09	2.7463	-.00979	2.5118	.15916	.27819

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.874	-.01190	.00267	.12463	.04918	-.00564	-.00536
SDev	.002	.00069	.00032	.00139	.00372	.00690	.00464
%RSD	.01009	5.8124	11.950	1.1168	7.5656	122.40	86.512
#1	16.875	-.01141	.00289	.12364	.05181	-.01051	-.00208
#2	16.873	-.01238	.00244	.12561	.04655	-.00076	-.00864

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02808	.00967	3.2088	-.15100	11.557
SDev	.00104	.00164	.0093	.00018	.031
%RSD	3.7129	17.003	.28957	.12211	.27049
#1	-.02734	.00851	3.2022	-.15087	11.535
#2	-.02882	.01084	3.2154	-.15113	11.580

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Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 16:25:12
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8157	4.9461	4.6885	4.8055	4.7627	9.4933	9.7278
SDev	.0137	.0417	.0228	.0252	.0236	.0560	.0410
%RSD	.28379	.84235	.48569	.52525	.49610	.58976	.42157
#1	4.8061	4.9166	4.6724	4.7877	4.7460	9.4537	9.6988
#2	4.8254	4.9756	4.7046	4.8234	4.7794	9.5329	9.7568

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23576	2.3898	23.410	.92766	2.3048	1.1619	4.7820
SDev	.00112	.0108	.120	.00427	.0098	.0045	.0201
%RSD	.47723	.45324	.51117	.46015	.42439	.38708	.42085
#1	.23496	2.3821	23.325	.92464	2.2979	1.1587	4.7678
#2	.23656	2.3975	23.494	.93068	2.3117	1.1651	4.7962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3009	23.416	2.3631	1.2087	24.812	2.2991	2.3650
SDev	.0119	.114	.0125	.0047	.061	.0100	.0105
%RSD	.51576	.48821	.52772	.38650	.24395	.43604	.44441
#1	2.2925	23.335	2.3542	1.2054	24.855	2.2920	2.3576
#2	2.3093	23.497	2.3719	1.2120	24.769	2.3062	2.3725

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.800	4.8406	4.6034	4.6660	4.6975	4.7907	4.8113
SDev	.150	.0246	.0217	.0183	.0253	.0132	.0314
%RSD	.60680	.50816	.47103	.39199	.53840	.27559	.65248
#1	24.693	4.8232	4.5881	4.6531	4.6796	4.7813	4.7891
#2	24.906	4.8580	4.6187	4.6789	4.7154	4.8000	4.8335

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.7926	4.7934	4.6042	4.5676	5.3584
SDev	.0233	.0304	.0241	.0219	.0159
%RSD	.48520	.63345	.52375	.47949	.29586
#1	4.7761	4.7719	4.5872	4.5521	5.3472
#2	4.8090	4.8149	4.6213	4.5830	5.3696

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Analysis Report QC Standard 04/29/04 04:33:08 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 16:30:25
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	-.00102	-.00084	-.00382	-.00794	.01468	-.01329
SDev	.00003	.00246	.00077	.00005	.00137	.00188	.00011
%RSD	3.1698	240.64	91.831	1.3179	17.184	12.845	.81982
#1	.00092	-.00276	-.00138	-.00386	-.00698	.01601	-.01321
#2	.00097	.00072	-.00029	-.00379	-.00891	.01335	-.01336

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00057	-.02377	-.00203	-.00477	-.00168	.03152
SDev	.00002	.00042	.00209	.00008	.00030	.00180	.00000
%RSD	7.7262	73.272	8.7811	3.9289	6.3845	106.71	.00079
#1	-.00022	-.00087	-.02229	-.00198	-.00499	-.00041	.03152
#2	-.00020	-.00028	-.02524	-.00209	-.00456	-.00295	.03152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.02267	-.00287	-.00283	.05418	-.00360	-.00625
SDev	.00021	.00543	.00008	.00025	.02540	.00000	.00008
%RSD	46.719	23.958	2.8228	8.6761	46.879	.00403	1.2953
#1	.00061	.02651	-.00281	-.00266	.03622	-.00360	-.00619
#2	.00031	.01883	-.00292	-.00300	.07215	-.00360	-.00631

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.21189	-.01093	-.00517	-.00159	-.00246	.00242	-.00864
SDev	.00568	.00019	.00448	.00086	.00072	.00207	.00110
%RSD	2.6799	1.7486	86.714	53.834	29.403	85.402	12.724
#1	-.21590	-.01106	-.00200	-.00220	-.00297	.00096	-.00786
#2	-.20787	-.01079	-.00834	-.00099	-.00195	.00389	-.00942

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02127	-.00053	-.00637	-.01310	-.01225
SDev	.00006	.00051	.00004	.00074	.00059
%RSD	.26254	96.356	.68656	5.6294	4.8394
#1	-.02124	-.00088	-.00634	-.01362	-.01267
#2	-.02131	-.00017	-.00640	-.01258	-.01183

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Method: 6010B Sample Name: S2057-07 Operator: DR
Run Time: 04/29/04 16:45:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01988	-.20051	-.00169	.04082	-.00458	-.01598	.33499
SDev	.00370	.01668	.00078	.00073	.00420	.01678	.00096
%RSD	18.623	8.3204	46.361	1.7859	91.651	104.96	.28640
#1	.02249	-.21231	-.00224	.04134	-.00161	-.00412	.33567
#2	.01726	-.18871	-.00114	.04031	-.00755	-.02785	.33431

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00025	98.827	.00506	-.00371	-.01219	3.7199
SDev	.00000	.00006	.202	.00025	.00010	.00098	.0370
%RSD	.11850	24.923	.20401	4.9601	2.6309	8.0375	.99594
#1	-.00021	-.00030	98.970	.00489	-.00364	-.01288	3.7461
#2	-.00022	-.00021	98.685	.00524	-.00378	-.01149	3.6937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04800	275.54	-.00350	-.00278	H4280.9	.00784	.00045
SDev	.00007	.31	.00140	.00066	16.2	.00012	.00008
%RSD	.14265	.11353	40.025	23.872	.37861	1.4782	18.667
#1	.04795	275.76	-.00448	-.00325	H4269.4	.00775	.00039
#2	.04804	275.32	-.00251	-.00231	H4292.3	.00792	.00051

Elem	K 7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2

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Method: 6010B Sample Name: S2057-16 Operator: DR
Run Time: 04/29/04 16:47:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01772	-.14406	-.00217	.03230	-.00801	-.03403	.49658
SDev	.00511	.01292	.00022	.00361	.00280	.00366	.00059
%RSD	28.848	8.9697	10.145	11.184	34.947	10.756	.11810
#1	.02134	-.15320	-.00201	.03485	-.00603	-.03144	.49617
#2	.01411	-.13493	-.00233	.02974	-.00999	-.03662	.49700

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00008	122.39	.00353	-.00204	-.01619	.67175
SDev	.00004	.00025	.24	.00079	.00078	.00168	.00563
%RSD	16.551	294.02	.19760	22.344	38.233	10.353	.83794
#1	-.00019	.00026	122.22	.00408	-.00149	-.01500	.66777
#2	-.00025	-.00009	122.56	.00297	-.00259	-.01737	.67573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05138	362.38	-.00283	-.00124	H4905.7	.00771	-.00534
SDev	.00014	2.00	.00180	.00120	23.6	.00105	.00036
%RSD	.26663	.55282	63.514	96.869	.48185	13.655	6.7454
#1	.05148	360.97	-.00156	-.00039	H4889.0	.00846	-.00508
#2	.05128	363.80	-.00411	-.00208	H4922.5	.00697	-.00559

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H247.27	-.00637	-.01448	-.00081	-.00505	.05640	.01867
SDev	1.52	.00043	.00926	.00116	.00025	.00543	.00813
%RSD	.61303	6.6783	63.906	143.14	4.9187	9.6223	43.527
#1	H246.20	-.00667	-.00794	.00001	-.00522	.05256	.02441
#2	H248.35	-.00607	-.02103	-.00163	-.00487	.06023	.01292

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02063	1.5278	-.00720	-.01902	9.2070
SDev	.00082	.0073	.00006	.00583	.0299
%RSD	3.9622	.47760	.87376	30.667	.32506
#1	-.02005	1.5226	-.00715	-.01489	9.1858
#2	-.02120	1.5330	-.00724	-.02314	9.2282

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Method: 6010B Sample Name: S2057-05 Operator: DR
Run Time: 04/29/04 16:50:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02342	-.20434	-.00415	.04398	-.00761	-.02992	.50065
SDev	.00711	.02523	.00097	.00666	.00011	.00146	.00197
%RSD	30.358	12.348	23.434	15.152	1.3991	4.8695	.39400
#1	.02844	-.22218	-.00484	.04869	-.00754	-.03095	.49926
#2	.01839	-.18649	-.00346	.03927	-.00769	-.02889	.50205

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00018	122.79	.00289	-.00373	-.01753	.75512
SDev	.00001	.00011	.70	.00038	.00019	.00035	.02919
%RSD	3.1253	63.500	.57017	13.040	5.2204	1.9906	3.8653
#1	-.00023	-.00010	122.29	.00262	-.00360	-.01778	.73448
#2	-.00025	-.00026	123.28	.00315	-.00387	-.01728	.77575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05353	361.43	-.00310	-.00248	H4832.4	.00672	-.00314
SDev	.00021	4.15	.00113	.00077	59.8	.00012	.00012
%RSD	.38466	1.1485	36.602	31.218	1.2377	1.7109	3.6625
#1	.05339	358.49	-.00390	-.00302	H4790.1	.00680	-.00323
#2	.05368	364.36	-.00230	-.00193	H4874.7	.00664	-.00306

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H245.07	-.00524	-.01556	.00030	-.00877	.08651	.02095
SDev	2.45	.00381	.00731	.00349	.00320	.02072	.00036
%RSD	.99893	72.623	46.968	1149.2	36.498	23.953	1.6952
#1	H243.34	-.00255	-.02073	.00277	-.01103	.10116	.02070
#2	H246.80	-.00794	-.01039	-.00217	-.00651	.07186	.02120

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02114	1.5222	-.00648	-.01788	9.1796
SDev	.00114	.0114	.00031	.00748	.0884
%RSD	5.4123	.75153	4.8480	41.806	.96320
#1	-.02195	1.5141	-.00671	-.01260	9.1171
#2	-.02033	1.5302	-.00626	-.02317	9.2421

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Method: 6010B Sample Name: S2057-19 Operator: DR
Run Time: 04/29/04 16:52:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01737	-.18343	-.00216	.04025	-.00821	-.03273	.32711
SDev	.00091	.01447	.00014	.00608	.00278	.00182	.00283
%RSD	5.2417	7.8878	6.7065	15.106	33.810	5.5469	.86380
#1	.01801	-.19366	-.00226	.04455	-.00625	-.03402	.32511
#2	.01672	-.17320	-.00206	.03595	-.01018	-.03145	.32911

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00029	97.215	.00642	-.00261	-.01467	3.8048
SDev	.00000	.00023	.882	.00003	.00062	.00070	.0404
%RSD	.65384	80.536	.90754	.46141	23.628	4.7465	1.0624
#1	-.00020	.00045	96.591	.00640	-.00217	-.01516	3.7762
#2	-.00020	.00012	97.839	.00644	-.00305	-.01418	3.8334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04628	272.56	-.00243	-.00204	H4221.1	.00917	-.00250
SDev	.00044	3.86	.00045	.00062	49.7	.00058	.00025
%RSD	.93931	1.4157	18.512	30.574	1.1771	6.3578	9.9304
#1	.04597	269.83	-.00274	-.00160	H4186.0	.00958	-.00232
#2	.04659	275.29	-.00211	-.00248	H4256.3	.00875	-.00267

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H224.41	-.00711	-.01364	.00261	-.00694	.07907	.01907
SDev	2.25	.00461	.00089	.00289	.00166	.00785	.00520
%RSD	1.0045	64.840	6.5062	110.69	23.928	9.9231	27.257
#1	H222.82	-.00385	-.01427	.00466	-.00812	.08461	.02275
#2	H226.01	-.01036	-.01301	.00057	-.00577	.07352	.01540

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02128	1.3790	-.00577	-.02271	9.6554
SDev	.00062	.0147	.00006	.00127	.1275
%RSD	2.9016	1.0672	1.0891	5.6009	1.3201
#1	-.02172	1.3686	-.00582	-.02361	9.5653
#2	-.02085	1.3895	-.00573	-.02181	9.7455

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Method: 6010B Sample Name: S2057-07X10 Operator: DR
Run Time: 04/29/04 16:54:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00662	-.03455	-.00045	.00469	-.00558	-.01477	.02409
SDev	.00141	.01393	.00053	.00030	.00556	.00327	.00048
%RSD	21.285	40.328	118.08	6.3882	99.644	22.132	1.9917
#1	.00563	-.04440	-.00007	.00448	-.00165	-.01708	.02375
#2	.00762	-.02470	-.00083	.00490	-.00952	-.01246	.02442

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00022	11.391	.00022	-.00348	.01959	.39166
SDev	.00004	.00019	.171	.00040	.00127	.00330	.01798
%RSD	24.909	87.815	1.5031	183.46	36.348	16.822	4.5893
#1	-.00012	.00035	11.270	.00051	-.00259	.01726	.37895
#2	-.00017	.00008	11.512	-.00007	-.00438	.02192	.40437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00420	30.652	-.00198	.00008	460.64	-.00049	-.00495
SDev	.00007	.579	.00001	.00103	.39	.00093	.00040
%RSD	1.6205	1.8875	.47645	1263.4	.08441	192.17	8.0034
#1	.00415	30.243	-.00198	.00081	460.36	.00017	-.00523
#2	.00424	31.061	-.00197	-.00065	460.91	-.00115	-.00467

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.309	-.00322	-.01351	.00549	-.00561	.02059	-.00494
SDev	.133	.00860	.00052	.00487	.00163	.00683	.00372
%RSD	.65421	266.78	3.8389	88.692	29.066	33.200	75.263
#1	20.403	.00286	-.01388	.00893	-.00677	.02542	-.00757
#2	20.215	-.00930	-.01314	.00205	-.00446	.01575	-.00231

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02088	.23290	-.00687	-.01154	1.0485
SDev	.00053	.03667	.00044	.00141	.0220
%RSD	2.5220	15.745	6.4066	12.205	2.1009
#1	-.02126	.25882	-.00718	-.01254	1.0330
#2	-.02051	.20697	-.00656	-.01055	1.0641

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Method: 6010B Sample Name: S2057-16X10 Operator: DR
Run Time: 04/29/04 16:56:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00629	-.01634	-.00191	.00384	-.00927	-.01272	.04260
SDev	.00206	.00215	.00062	.00142	.00258	.00037	.00011
%RSD	32.729	13.160	32.456	36.992	27.788	2.8983	.25070
#1	.00774	-.01482	-.00147	.00284	-.01110	-.01245	.04268
#2	.00483	-.01786	-.00235	.00485	-.00745	-.01298	.04253

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00029	14.336	-.00073	-.00394	.01915	.05670
SDev	.00001	.00000	.073	.00044	.00036	.00029	.01572
%RSD	3.8296	1.1717	.50676	60.232	9.0613	1.5143	27.724
#1	-.00018	-.00029	14.387	-.00042	-.00369	.01894	.04559
#2	-.00019	-.00029	14.284	-.00104	-.00419	.01936	.06782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00467	40.361	-.00272	-.00153	526.37	-.00149	-.00547
SDev	.00005	.193	.00059	.00047	3.68	.00023	.00000
%RSD	.98231	.47884	21.528	30.865	.69900	15.664	.04036
#1	.00470	40.498	-.00314	-.00120	528.97	-.00133	-.00547
#2	.00463	40.225	-.00231	-.00187	523.77	-.00166	-.00547

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.029	-.00855	-.01392	-.00148	-.00432	.01331	-.00258
SDev	.207	.00122	.00529	.00021	.00103	.00276	.00365
%RSD	.94160	14.291	38.000	14.025	23.911	20.729	141.60
#1	22.175	-.00942	-.01767	-.00163	-.00359	.01526	-.00516
#2	21.882	-.00769	-.01018	-.00134	-.00505	.01136	.00000

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02014	.19271	-.00674	-.00954	.99042
SDev	.00064	.00754	.00017	.00139	.00456
%RSD	3.1564	3.9146	2.4889	14.568	.46018
#1	-.01969	.19805	-.00662	-.01052	.99364
#2	-.02059	.18738	-.00685	-.00856	.98719

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Method: 6010B Sample Name: S2057-05X10 Operator: DR
Run Time: 04/29/04 16:58:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	-.03019	-.00148	.00440	-.00706	-.01143	.04200
SDev	.00023	.00060	.00028	.00094	.00322	.00292	.00032
%RSD	6.2063	2.0041	19.257	21.412	45.568	25.529	.76138
#1	.00363	-.03061	-.00168	.00373	-.00479	-.00936	.04222
#2	.00396	-.02976	-.00128	.00507	-.00934	-.01349	.04177

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00015	14.155	-.00126	-.00417	.01604	.05036
SDev	.00002	.00026	.055	.00027	.00010	.00110	.01572
%RSD	7.8479	170.23	.38846	21.383	2.3341	6.8521	31.215
#1	-.00021	-.00034	14.194	-.00145	-.00410	.01682	.06147
#2	-.00018	.00003	14.116	-.00107	-.00424	.01527	.03924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00484	39.860	-.00273	-.00157	513.30	-.00158	-.00550
SDev	.00007	.160	.00009	.00099	.88	.00012	.00012
%RSD	1.4128	.40051	3.2114	63.496	.17210	7.4023	2.1311
#1	.00489	39.973	-.00267	-.00227	513.93	-.00166	-.00541
#2	.00480	39.747	-.00279	-.00086	512.66	-.00149	-.00558

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.424	-.00958	-.00522	-.00227	-.00318	.01606	-.00312
SDev	.038	.00268	.00430	.00085	.00015	.00402	.00073
%RSD	.17794	27.961	82.350	37.320	4.5664	25.003	23.508
#1	21.451	-.00769	-.00218	-.00287	-.00329	.01322	-.00260
#2	21.397	-.01147	-.00826	-.00167	-.00308	.01890	-.00364

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02025	.17916	-.00654	-.01046	.97258
SDev	.00131	.00433	.00031	.00141	.00152
%RSD	6.4562	2.4160	4.8041	13.464	.15621
#1	-.01933	.18222	-.00632	-.00947	.97366
#2	-.02118	.17610	-.00677	-.01146	.97151

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Method: 6010B Sample Name: S2057-19X10 Operator: DR
Run Time: 04/29/04 17:00:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	-.01585	.00031	.00174	-.00775	-.00756	.02201
SDev	.00012	.00148	.00093	.00419	.00364	.00401	.00021
%RSD	4.5204	9.3339	298.70	240.79	46.933	53.036	.96843
#1	.00251	-.01689	-.00034	-.00122	-.00518	-.00472	.02216
#2	.00267	-.01480	.00096	.00471	-.01032	-.01039	.02186

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00024	10.603	-.00049	-.00378	.01207	.37581
SDev	.00001	.00006	.075	.00015	.00007	.00133	.01123
%RSD	4.6532	25.729	.70836	31.161	1.7225	11.024	2.9886
#1	-.00018	-.00019	10.656	-.00038	-.00373	.01301	.38375
#2	-.00019	-.00028	10.550	-.00060	-.00383	.01112	.36786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00383	28.846	-.00327	-.00168	413.54	-.00165	-.00582
SDev	.00005	.207	.00104	.00024	2.41	.00047	.00028
%RSD	1.1896	.71662	31.709	14.584	.58245	28.367	4.8649
#1	.00386	28.992	-.00400	-.00151	415.25	-.00198	-.00602
#2	.00379	28.700	-.00254	-.00185	411.84	-.00132	-.00562

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.903	-.00940	-.00764	-.00325	-.00011	.00741	-.00279
SDev	.122	.00484	.00123	.00010	.00134	.00377	.00455
%RSD	.67948	51.478	16.074	2.9990	1210.4	50.896	163.16
#1	17.989	-.00598	-.00678	-.00332	-.00106	.00474	-.00600
#2	17.817	-.01282	-.00851	-.00318	.00084	.01007	.00043

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02040	.15183	-.00650	-.01040	.97903
SDev	.00038	.00414	.00008	.00010	.00790
%RSD	1.8700	2.7287	1.2899	.94125	.80691
#1	-.02013	.15476	-.00644	-.01033	.98462
#2	-.02067	.14890	-.00656	-.01046	.97344

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Analysis Report QC Standard 04/29/04 05:27:17 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/29/04 17:22:41
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7826	4.8951	4.6556	4.7900	4.7323	9.3947	9.6405
SDev	.0313	.0274	.0475	.0444	.0383	.0692	.0560
%RSD	.65443	.56040	1.0195	.92647	.80837	.73706	.58073
#1	4.7604	4.8757	4.6220	4.7586	4.7052	9.3457	9.6009
#2	4.8047	4.9145	4.6891	4.8214	4.7593	9.4437	9.6801

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23405	2.3712	23.237	.92208	2.2938	1.1639	4.7715
SDev	.00156	.0142	.151	.00606	.0129	.0070	.0454
%RSD	.66568	.59915	.64731	.65766	.56368	.60277	.95159
#1	.23295	2.3611	23.180	.91779	2.2847	1.1590	4.7393
#2	.23515	2.3812	23.393	.92636	2.3030	1.1689	4.8036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2866	23.248	2.3452	1.1950	25.257	2.2852	2.3494
SDev	.0150	.134	.0114	.0080	.187	.0138	.0154
%RSD	.65500	.57738	.48688	.66590	.74036	.60458	.65643
#1	2.2760	23.153	2.3371	1.1893	25.390	2.2754	2.3385
#2	2.2972	23.343	2.3532	1.2006	25.125	2.2950	2.3603

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.566	4.8084	4.5766	4.6332	4.6646	4.7860	4.7903
SDev	.117	.0373	.0402	.0363	.0527	.0305	.0512
%RSD	.47619	.77530	.87852	.78443	1.1305	.63768	1.0679
#1	24.483	4.7821	4.5482	4.6075	4.6273	4.7644	4.7542
#2	24.648	4.8348	4.6050	4.6589	4.7018	4.8075	4.8265

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.7574	4.7429	4.5770	4.5508	5.2746
SDev	.0395	.0630	.0289	.0291	.0209
%RSD	.83121	1.3284	.63195	.63928	.39607
#1	4.7295	4.6983	4.5565	4.5303	5.2598
#2	4.7854	4.7874	4.5974	4.5714	5.2894

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Analysis Report QC Standard 04/29/04 05:31:49 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/29/04 17:27:35
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00588	.00195	.00606	-.00661	-.00853	-.01167
SDev	.00451	.00061	.00420	.00159	.00098	.00227	.00011
%RSD	1576.2	10.457	215.35	26.139	14.787	26.590	.93448
#1	.00348	.00632	.00492	.00718	-.00592	-.00692	-.01175
#2	-.00290	.00545	-.00102	.00494	-.00730	-.01013	-.01159

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00011	-.03213	-.00114	-.00403	.00157	-.02134
SDev	.00000	.00028	.00139	.00022	.00034	.00078	.01139
%RSD	.90637	250.39	4.3304	19.210	8.3991	49.433	53.385
#1	-.00012	.00031	-.03311	-.00099	-.00427	.00102	-.01329
#2	-.00012	-.00009	-.03115	-.00130	-.00379	.00212	-.02940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	-.02671	-.00275	-.00135	1.1116	-.00274	-.00451
SDev	.00014	.00026	.00010	.00041	.0681	.00049	.00103
%RSD	30.511	.96839	3.6850	30.754	6.1260	17.853	22.898
#1	-.00037	-.02689	-.00282	-.00105	1.1597	-.00240	-.00378
#2	-.00057	-.02652	-.00268	-.00164	1.0634	-.00309	-.00524

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.14162	-.01009	-.00284	-.00412	.00288	.00883	.00288
SDev	.01760	.00138	.00017	.00002	.00617	.00129	.00302
%RSD	12.430	13.701	5.8396	.50397	213.88	14.555	104.71
#1	-.15407	-.00911	-.00272	-.00414	.00725	.00792	.00502
#2	-.12917	-.01106	-.00296	-.00411	-.00148	.00974	.00075

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01202	.02792	-.00634	-.00929	-.00586
SDev	.00722	.01708	.00000	.00236	.01141
%RSD	60.099	61.167	.00000	25.357	194.83
#1	-.00691	.04000	-.00634	-.00763	.00221
#2	-.01713	.01585	-.00634	-.01096	-.01392

OL 4/29/04

S2350L2

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

S2266NJ S2268C

ICP-1 ANALYSIS RUN LOG

S2288ASP S2290NJ S2324NJ S2337RQ

METHOD: 6010B S2294NJ S2346C S2349ASP PROJECT No: S2236

S2243NJ S2254L4 S2255ASP S2258L3 S2244NJ S2264NJ S226

RUN ID: P1042904 DATE: 04 / 29 / 04 ANALYST: D. Ta Rogan SUPERVISOR REVIEW D. Ta Ro

As (10PPH) profile 39100

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No from Stock Log	LBP #	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COM
STD-S0	10:32							
STD-S1	10:35							
STD-S2	10:37							
STD-S	10:39							
HMS	10:53							
HMS/100	10:57							
ICV	~~10:~~ 11:09							
ICB	11:12							
CRI	11:16							
ICSA	11:19							
ICSAB	11:21							
~~CCV~~ CCC	11:26							
CCV	11:29							
CCB	11:31							

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB13891BL	PBS	11:35		
PB13891BS	LCSS	11:41		
S2236-07		11:44		
-07D		11:45		
-07L		11:47		
-05		11:50		Spike
-06		11:52		Spike dup
-07A		11:54		
PB13855BL	PBW	11:57		
PB13855BS	LCSW	11:59		
CCV		12:01		
[illegible]		12:03		
S2254-04		12:06		
S2258-03		12:08		
S2255-01		12:10		

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG

DL 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042904 DATE: 04 / 29 / 04 ANALYST: Dita Rogue

CC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2243-01		12:14		
-01D		12:16		
-01L		12:18	5	
-01S		12:21		
-01SD		12:23		
-01A		12:33		
-02		12:35		
CCV		12:38		
CCB		12:40		
S2254-01		12:44		
-02		12:47		
-03		12:49		
DL 4/12/04 ~~S222~~ S2244-05		12:51		
S2264-06		12:53		
S2265-05		12:55		
S2266-01		12:57		
S2288-25		12:59		
S2290-05		13:01		
S2294-03		13:03		
CCV		13:04		
CCB		13:06		
DL 4/12/04 ~~S2307-05~~ S2294-03		13:09		
PB13893 BL	PBW	13:12		
PB13894 BL	PBW	13:14		

PAGE 2 OF 2

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ICP-1 ~~ICP-C~~ ANALYSIS RUN LOG
OK 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042904 DATE: 04 / 29 / 04 ANALYST: Dita Roque

CO:SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB13893BS	LCSW	13:16		
PB13894BS	LCSW	13:18		
S2244-04		13:21		
-07		13:24		
S2264-01		13:26		
-02		13:28		
-03		13:30		
CCV		13:32		
CCB		13:34		
S2264-04		13:37		
-05		13:39		
-07		13:42		
S2265-01		13:44		
-01D		13:46		
-01L		13:48	5	
-01S		13:50		
-01SD		13:52		
-01A		13:54		
-02		13:56		
CCV		14:01		
CCB		14:04		
S2265-06		14:06		
S2266-02		14:08		
-03		14:10		

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
OK 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042904 DATE: 04/29/04 ANALYST: Dito Roquel

QC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2266-04		14:12		
-05		14:14		
S2268-01		14:16		
S2290-01		14:18		
-02		14:21		
-03		14:23		
-04		14:25		
CCV		14:27		
CCB		14:29		
S2290-06		14:35		
-07		14:37		
-08		14:39		
S2294-01		~~14:31~~ 14:41		
-05		~~14:33~~ 14:43		
-05D		~~14:35~~ 14:35		
-05L		14:37		
-05S		14:39		
-05SD		14:51		
-05A		14:53		
CCV		14:55		
CCB		14:57		
S2294-07		14:59		
PB13943BL	PBS	15:02		
PB13943BS	LCSS	15:04		

OK 4/29/04

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ICP-1. ~~ICP-2~~ ANALYSIS RUN LOG
02 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042904 DATE: 04/29/04 ANALYST: [illegible]

QC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2324-01		15:07		
-02		15:09		
-03		15:10		
-04		15:12		
S2337 -05		15:14		
S2346-01		15:16		
-02		15:18		
CCV		15:28		
CCB		15:37		
S2346-03		15:39		
S2349-01		15:41		
-01D		15:43		
-01L		15:48	5	
-01S		15:50		
-01SD		15:52		
-01A		15:54		
-02		15:56		
-03		15:57		
-04		16:00		
CCV		16:02		
CCB		16:05		
S2349-05		16:07		
-06		16:09		
S2350-01		16:13		

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG

sk 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042904 DATE: 04 / 29 / 04 ANALYST: Dita Roark

CO/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2350-02		16:15		
CCV		16:25		
CCB		16:30		
S2057-07		16:45		
-16		16:47		
-05		16:50		
-19		16:52		
-07		16:54	10	
-16		16:56	10	
-05		16:58	10	
-19		17:00	10	
CCV		17:22		
CCB		17:27		

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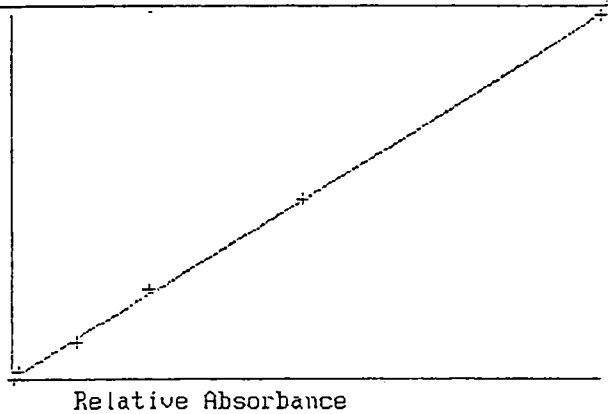
```
RunProt: EPA          HG ANALYZER
RunFold: 042804A  Seq: 6    Batch:
                  Prnt: R/I Off                          Pump: On
                  Rev: 4.2    09:13:35 28 Apr 2004 Xmit: Off Gas:     0.60 LPM
State: Busy                                            User: MELISSA     A/S: On
```

CALIBRATION: Line | proto: EPA

	Hg Conc.	Calc.	Dev.	Accepted ->linear
S1	.000	.054	.054	Quadratic
S2	.200	.152	-.048	Wtdlinear
S3	1.00	1.14	.136	C
S4	2.50	2.36	-.143	Accept o
S5	5.00	4.97	-.034	n
S6	10.0	10.0	.036	c

A .0000000 r .999685

B 1.31120e-5 C 2.12968e-2



Relative Absorbance

	Mean		
S1	2528	0 SD	2528
S2	9954	0 %RSD	9954
S3	84976	0 %RSD	84976
S4	178130	0 %RSD	178130
S5	377080	0 %RSD	377080
S6	763762	0 %RSD	763762

Protocol cannot be modified

Instrument ID# CV

MW
4/28/04

Folder: 042804A Page 1

09:13:39 28 Apr 2004 Protocol: EPA

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 S0 Seq: 0 09:01:01 28 Apr 2004 HG

Hg .000 PPB 2528

*** Standard: 2 Rep: 1 S0.2 Seq: 1 09:03:22 28 Apr 2004 HG

Hg .200 PPB 9954

*** Standard: 3 Rep: 1 S1.0 Seq: 2 09:05:47 28 Apr 2004 HG

Hg 1.00 PPB 84976

*** Standard: 4 Rep: 1 S2.5 Seq: 3 09:08:36 28 Apr 2004 HG

Hg 2.50 PPB 178130

*** Standard: 5 Rep: 1 S5.0 Seq: 4 09:10:57 28 Apr 2004 HG

Hg 5.00 PPB 377080

*** Standard: 6 Rep: 1 S10.0 Seq: 5 09:13:15 28 Apr 2004 HG

Hg 10.0 PPB 763762

09:50:17 28 Apr 2004 Protocol: EPA

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: ICV Seq: 6 09:15:54 28 Apr 2004 HG

				ICV	
Hg	4.10	PPB	.000	4.10	

*** Sample ID: ICB Seq: 7 09:18:18 28 Apr 2004 HG

				ICB	
Hg	.022	PPB	.000	.022	

*** Check Standard: 2 Ck2 CCV Seq: 8 09:20:46 28 Apr 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.6	4.98	5.00	PPB	.000

*** Check Standard: 1 Ck1 CCB Seq: 9 09:23:04 28 Apr 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.025	.200	PPB	.000

*** Sample ID: CRA Seq: 10 09:25:22 28 Apr 2004 HG

				CRA	
Hg	.179	PPB	.000	.179	

*** Sample ID: HIGH STD Seq: 11 09:28:03 28 Apr 2004 HG

				HIGH STD	
Hg	10.2	PPB	.000	10.2	

*** Sample ID: CHK STD Seq: 12 09:30:24 28 Apr 2004 HG

				CHK STD	
Hg	7.15	PPB	.000	7.15	

*** Sample ID: PBW Seq: 13 09:32:49 28 Apr 2004 HG

				PB13910BL	
Hg	.052	PPB	.000	.052	

*** Sample ID: PBW Seq: 14 09:35:22 28 Apr 2004 HG

				PB13911BL	
Hg	.024	PPB	.000	.024	

*** Sample ID: S2307-03 Seq: 15 09:37:41 28 Apr 2004 HG

				FIELDBLANKS	
Hg	.034	PPB	.000	.034	

*** Sample ID: S2230-04 Seq: 16 09:40:20 28 Apr 2004 HG

				ZL7253	
Hg	-.076	PPB	.000	-.076	

*** Sample ID: S2230-05 Seq: 17 09:42:40 28 Apr 2004 HG

				ZL7254	
Hg	-.123	PPB	.000	-.123	

4/28/10

10:19:46 28 Apr 2004 Protocol: EPA

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S2230-05D Seq: 18 09:45:01 28 Apr 2004 HG

ZL7254D

Hg -.027 PPB .000 -.027

*** Sample ID: S2230-05S Seq: 19 09:47:40 28 Apr 2004 HG

ZL7254S

Hg 4.62 PPB .000 4.62

*** Check Standard: 2 Ck2 CCV Seq: 20 09:50:30 28 Apr 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.18	5.00	PPB	.000

*** Check Standard: 1 Ck1 CCB Seq: 21 09:52:48 28 Apr 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.025	.200	PPB	.000

*** Sample ID: S2230-05SD Seq: 22 09:55:18 28 Apr 2004 HG

ZL7254SD

Hg 5.20 PPB .000 5.20

*** Sample ID: S2230-05L XS Seq: 23 09:57:46 28 Apr 2004 HG

ZL7254L

Hg -.151 PPB .000 -.151

*** Sample ID: S2230-05A Seq: 24 10:00:15 28 Apr 2004 HG

ZL7254A

Hg 4.16 PPB .000 4.16

*** Sample ID: S2230-06 Seq: 25 10:02:56 28 Apr 2004 HG

ZL7257

Hg .078 PPB .000 .078

*** Sample ID: S2243-01 Seq: 26 10:05:15 28 Apr 2004 HG

ZZZZZZ

Hg .050 PPB .000 .050

*** Sample ID: S2243-02 Seq: 27 10:07:36 28 Apr 2004 HG

ZZZZZZ

Hg .030 PPB .000 .030

*** Sample ID: S2244-03 Seq: 28 10:09:56 28 Apr 2004 HG

ZZZZZZ

Hg .091 PPB .000 .091

*** Sample ID: S2244-04 Seq: 29 10:12:15 28 Apr 2004 HG

ZZZZZZ

Hg .138 PPB .000 .138

10:54:08 28 Apr 2004 Protocol: EPA

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S2244-05 Seq: 30 10:14:56 28 Apr 2004 HG
ZZZZZZ

Hg	.046	PPB	.000	.046

*** Sample ID: S2244-07 Seq: 31 10:17:16 28 Apr 2004 HG
ZZZZZZ

Hg	.031	PPB	.000	.031

*** Check Standard: 2 Ck2 CCV Seq: 32 10:19:35 28 Apr 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.19	5.00	PPB	.000

*** Check Standard: 1 Ck1 CCB Seq: 33 10:22:08 28 Apr 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.035	.200	PPB	.000

*** Sample ID: S2253-04 Seq: 34 10:25:14 28 Apr 2004 HG
AG6155

Hg	.048	PPB	.000	.048

*** Sample ID: S2253-06 Seq: 35 10:28:24 28 Apr 2004 HG
AG7241

Hg	.047	PPB	.000	.047

*** Sample ID: S2253-07 Seq: 36 10:30:42 28 Apr 2004 HG
AG7242

Hg	.057	PPB	.000	.057

*** Sample ID: S2253-08 Seq: 37 10:33:24 28 Apr 2004 HG
AG7254

Hg	.269	PPB	.000	.269

*** Sample ID: S2253-09 Seq: 38 10:35:56 28 Apr 2004 HG
AG7258

Hg	.025	PPB	.000	.025

*** Sample ID: S2253-10 Seq: 39 10:38:15 28 Apr 2004 HG
AG7259

Hg	.167	PPB	.000	.167

*** Sample ID: S2253-11 Seq: 40 10:40:46 28 Apr 2004 HG
AG7262

Hg	.005	PPB	.000	.005

*** Sample ID: S2254-01 Seq: 41 10:43:08 28 Apr 2004 HG
SWUPGRADIENT

Hg	.054	PPB	.000	.054

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S2254-02 Seq: 42 10:45:33 28 Apr 2004 HG
SWDOWNGRADIENT

Hg	.051	PPB	.000	.051

*** Sample ID: S2254-03 Seq: 43 10:48:07 28 Apr 2004 HG
SWDOWNGRADIENTDUP

Hg	.047	PPB	.000	.047

*** Check Standard: 2 Ck2 CCV Seq: 44 10:50:26 28 Apr 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	5.26	5.00	PPB	.000

*** Check Standard: 1 Ck1 CCB Seq: 45 10:52:47 28 Apr 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.007	.200	PPB	.000

*** Sample ID: S2254-03D Seq: 46 10:55:38 28 Apr 2004 HG
SWDOWNGRADIENTDUPD

Hg	.106	PPB	.000	.106

*** Sample ID: S2254-03S Seq: 47 10:58:01 28 Apr 2004 HG
SWDOWNGRADIENTDUPS

Hg	5.39	PPB	.000	5.39

*** Sample ID: S2254-03SD Seq: 48 11:00:19 28 Apr 2004 HG
SWDOWNGRADIENTDUPSD

Hg	5.10	PPB	.000	5.10

*** Sample ID: S2254-03L xs Seq: 49 11:02:52 28 Apr 2004 HG
SWDOWNGRADIENTDUPL

Hg	-.005	PPB	.000	-.005

*** Sample ID: S2254-03A Seq: 50 11:05:33 28 Apr 2004 HG
SWDOWNGRADIENTDUPA

Hg	4.29	PPB	.000	4.29

*** Sample ID: S2254-04 Seq: 51 11:07:54 28 Apr 2004 HG
FIELDBLANK

Hg	.003	PPB	.000	.003

*** Sample ID: S2255-01 Seq: 52 11:10:19 28 Apr 2004 HG
MW-2

Hg	.064	PPB	.000	.064

*** Sample ID: S2258-03 Seq: 53 11:12:42 28 Apr 2004 HG
FB-01

Hg	.083	PPB	.000	.083

11:22:43 28 Apr 2004 Protocol: EPA

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2 CCV Seq: 54 11:15:31 28 Apr 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	5.29	5.00	PPB	.000

*** Check Standard: 1 Ck1 CCB Seq: 55 11:17:57 28 Apr 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.002	.200	PPB	.000

CHEMTECH

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CV

MERCURY ANALYSIS LOGBOOK

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]						
	[illegible]	[illegible]						
	[illegible]	[illegible]						
	[illegible]	[illegible]						
	[illegible]	[illegible]						
	[illegible]	[illegible]						
	[illegible]	[illegible]						

QA Control # A30101B

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MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coefficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Initials
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]
					[illegible]	[illegible]
					[illegible]	[illegible]
					[illegible]	[illegible]
					[illegible]	[illegible]
					[illegible]	[illegible]

QA Control # A30101B

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CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

WATER SAMPLE PREPARATION WORKSHEET

SDG No _____

Batch #: pb13855

Matrix: Water

ICP Digest Date: 04/23/04

Method: 3010

Sample Received By: [illegible]

Initial Vol: 100 ml

Final Vol: 100 ml

Analyst Signature: [illegible]

Hot Plate Temp: 1, 2, 3, 95°

Supervisor Signature: [illegible]

STANDARD NAME	MLS USED	STD REF. # FROM LOG
Spike Sol 1		
Spike Sol 2	1.0 ML	MI 4039
Spike Sol 3	1.0 ML	MI 4041
Spike Sol 4		
Spike Sol. 5	1.0 ML	MI 4040

04/23/04

CHEMICAL USED	LOT #
CONC: HNO3	MR 966
1:1 HCL	MI 4034
1:1 HNO3	
CONC: HCL	

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Batch #: pb13855

LAB SAMPLE ID	CLIENT SAMPLE ID	COLOR BEFORE	COLOR AFTER	CLARITY BEFORE	CLARITY AFTER	pH	COMMENTS
pb13855BS	LCSW	C	C	CL	CL	<2	Spike Sol 2,3,5
S2254-03	SWDOWNGRADIENTDUP	C	C	CL	CL	<2	
S2243-01MS	MW-204-QA S	C	Y	CL	CL	<2	Spike Sol. 2,3,5
S2243-01	MW-204-QA	C	Y	CL	CL	<2	
S2254-01	SWUPGRADIENT	C	C	CL	CL	<2	
S2254-02	SWDOWNGRADIENT	C	C	CL	CL	<2	
S2258-03	FB-01	C	C	CL	CL	<2	
S2243-01MSD	MW-204-QA SD	C	Y	CL	CL	<2	Spike Sol. 2,3,5
S2243-01DUP	MW-204-QA D	C	Y	CL	CL	<2	
pb13855BL	PBW	C	C	CL	CL	<2	
S2243-02	MW-201-QA	C	Y	CL	CL	<2	
S2254-04	FIELDBLANK	C	C	CL	CL	<2	
S2255-01	MW-2	C	C	CL	CL	<2	

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

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MERCURY PREPARATION WORKSHEET

SOP: M 7470 Revision:

Bath Temprature: -

Block Temprature: 95 °C

Balance Check:(0.2G): -

Date: 4/27/2004

Acceptance Range 0. 199-0.201 gram

Final Volume: 40ml

Batch #: PB13911

Digestion Time: In 10:00 a.m. Out 12:00 p.m.

Supervisor Signature:

Analyst Signature: Tatyana Rotablava

Sample Received By:

STANDARD NAME	MLS USED	STD REF. # FROM LOG
ICV	40ML	S8201
CCV	40ML	S8203
CRA	40ML	S8200
Blank Spike	1.6ML	S8198

CHEMICAL USED	LOT #
KMN04	MI4035
K2S2O8	MI3992
HNO3/H2SO4 1:2	MI4075
Hydroxylamine HCL	MI4047

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	Wt(g)/Vol(ml)	COMMENTS
BLK 0.0 ppb	S0	water	40ml	
Std1 0.2 ppb	S0.2			S8200
Std2 1.0 ppb	S1.0			
Std3 2.5 ppb	S2.5			
Std4 5.0 ppb	S5.0			
Std5 10.0 ppb	S10.0			
ICV	ICV			S8201
ICB	ICB			
CCV	CCV			S8203
CCB	CCB			
CRA/CRI 04/27/04	CRA/CRI			S8200
CHK STD	CHK STD			S8202

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Batch #: PB13911

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt (g)/Vol (ml)	pH	COMMENTS
S2254-03MS	SWDOWNGRADIENTDUP	Mercury	Water	40.0	< 2	S 8198
S2254-02	SWDOWNGRADIENT	Mercury	Water	40.0	< 2	
S2307-03	FIELDBLANKS	Mercury	Water	40.0	< 2	
S2254-03MSD	SWDOWNGRADIENTDUP	Mercury	Water	40.0	< 2	S 8198
S2254-03DUP	SWDOWNGRADIENTDUP	Mercury	Water	40.0	< 2	
PB13911BL	PBW	Mercury	Water	40.0	< 2	
S2254-01	SWUPGRADIENT	Mercury	Water	40.0	< 2	
S2254-03	SWDOWNGRADIENTDUP	Mercury	Water	40.0	< 2	
S2254-04	FIELDBLANK	Mercury	Water	40.0	< 2	
S2255-01	MW-2	Mercury	Water	40.0	< 2	
S2258-03	FB-01	Mercury	Water	40.0	< 2	

>>>

* BL=Blank
* BS=Blank Spike
* TB=TCLP Blank

04/27/04
TK

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Batch #: PB13911

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt (g)/Vol (ml)	pH	COMMENTS
S2254-01	SWUPGRADIENT	Mercury	Water	40	<2	
S2258-03	FB-01	Mercury	Water	40	<2	
S2254-03MS	SWDOWNGRADIENTDUP	Mercury	Water	40	<2	S 8198
S2254-03MSD	SWDOWNGRADIENTDUP	Mercury	Water	40	<2	S 8198
S2254-03DUP	SWDOWNGRADIENTDUP	Mercury	Water	40	<2	
PB13911BL	PBW	Mercury	Water	40	<2	
S2254-02	SWDOWNGRADIENT	Mercury	Water	40	<2	
S2254-03	SWDOWNGRADIENTDUP	Mercury	Water	40	<2	
S2254-04	FIELDBLANK	Mercury	Water	40	<2	
S2255-01	MW-2	Mercury	Water	40	<2	
S2307-03	FIELDBLANKS	Mercury	Water	40	<2	

04/27/04 >>>>
TC

* BL=Blank
* BS=Blank Spike
* TB=TCLP Blank

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012 : NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

P813911

CHEMTECH PROJECT NUMBER: S2254; S2255; S2258 MATRIX: Water

METHOD: 7470

	NA	NO	YES
1. Calibration Summary meet criteria			✓
2. ICP Interference Check Sample Results Summary Submitted	✓		
3. Serial Dilution Summary Submitted (if applicable)meet criteria			✓
4. Laboratory Control Sample Summary Submitted (if applicable)	✓		
5. Blank Contamination Meet criteria Blank Contamination			✓
If No, list compounds and concentrations in each blank:			
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside of the acceptance range: Hg		✓	
7. Sample Duplicate Analysis Meet QC Criteria: If not met, list those compounds and their % differences which fall outside of the acceptance range:			✓
8. Digestion Holding Time Met If not met, list number of days exceeded for each sample:			✓
9. Analysis Holding Time Met If not met, list number of days exceeded for each sample:			✓

ADDITIONAL COMMENTS:

Melissa Masters — Supervisor — Date: 4/28/04

Martha Elvira — QA REVIEW — Date: 5/03/04

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092
NEW JERSEY LAB ID#: 20012 : NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: PB13855 MATRIX: water

METHOD: SW846 S2254 S2243 S2258 S2255

	NA	NO	YES
1. Calibration Summary meet criteria.			✓
2. ICP Interference Check Sample Results Summary Submitted			✓
3. Serial Dilution Summary Submitted (if applicable) meet criteria KNa		✓	
4. Laboratory Control Sample Summary Submitted (if applicable)			✓
5. Blank Contamination Meet criteria Blank Contamination If No, list compounds and concentrations in each blank:			✓
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside of the acceptance range: Ag		✓	
7. Sample Duplicate Analysis Meet QC Criteria: If not met, list those compounds and their % differences which fall outside of the acceptance range:			✓
8. Digestion Holding Time Met If not met, list number of days exceeded for each sample:			✓
9. Analysis Holding Time Met If not met, list number of days exceeded for each sample:			✓

ADDITIONAL COMMENTS:
matrix interfere

Dato Rogers — 4/29/04
Supervisor — Date

Martha Guerra — 5/18/04
QA REVIEW — Date

8.0 GENERAL CHEMISTRY SAMPLE RESULTS

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2254

Sample ID: S2254-01 Client ID: SWUPGRADIENT

Contract: Tetra Tech FW Inc.. Date Collected: 4/20/04 Date Received: 4/21/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/27/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2254

Sample ID: S2254-02 Client ID: SWDOWNGRADIENT

Contract: Tetra Tech FW Inc.. Date Collected: 4/20/04 Date Received: 4/21/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/27/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2254

Sample ID: S2254-03 Client ID: SWDOWNGRADIENTDUP

Contract: Tetra Tech FW Inc.. Date Collected: 4/20/04 Date Received: 4/21/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/27/04

Comments:

Chemtech Consulting Group

GENERAL CHEMISTRY
Analyses Data Sheet

SDG No.: S2254

Sample ID: S2254-04 Client ID: FIELDBLANK

Contract: Tetra Tech FW Inc.. Date Collected: 4/20/04 Date Received: 4/21/04

Matrix: WATER % Solids: 0.00

Analyte	Method	Result	Units	C	Qual	DF	Analytical Date
Cyanide	SW 9012	< 0.010	mg/L	U		1	4/27/04

Comments:

8.1 GENERAL CHEMISTRY BLANK, CALIBRATION and QA/QC SUMMARY

GENERAL CHEMISTRY

Form 2A - Initial and Continuing Calibration Verification

SDG No.: S2254 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
ICV1						
Cyanide	mg/L	0.09	0.10	90.0	80-120	4/27/04
CCV1						
Cyanide	mg/L	0.25	0.25	100.0	80-120	4/27/04
Cyanide	mg/L	0.25	0.25	100.0	80-120	4/27/04
CCV2						
Cyanide	mg/L	0.26	0.25	104.0	80-120	4/27/04
Cyanide	mg/L	0.27	0.25	108.0	80-120	4/27/04
CCV3						
Cyanide	mg/L	0.26	0.25	104.0	80-120	4/27/04
Cyanide	mg/L	0.27	0.25	108.0	80-120	4/27/04
ICV2						
Cyanide	mg/L	0.10	0.10	100.0	80-120	4/27/04

GENERAL CHEMISTRY

Form 3A - Initial and Continuing Calibration Blank Summary

SDG No.: S2254 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	Result	Acceptance Limits	Conc Qual	RDL	Analysis Date
ICB1						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
CCB1						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
CCB2						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
CCB3						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
ICB2						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04

GENERAL CHEMISTRY

Form 3B - Preparation Blank Summary

SDG No.: S2254 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	Result	Acceptance Limits	Conc Qual	RDL	Analysis Date
lb12520b						
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04
Cyanide	mg/Kg	< 0.50	+/-0.50	U	0.50	4/27/04
Cyanide	mg/Kg	< 0.50	+/-0.50	U	0.50	4/27/04
Cyanide	mg/L	< 0.01	+/-0.01	U	0.01	4/27/04

GENERAL CHEMISTRY
Form 5A - Matrix Spike Summary

SDG No.: S2254 Contract: Tetra Tech FW Inc..

Sample ID: Spiked ID: S2254-01S

Client ID: SWUPGRADIENTMS Percent Solids for Spike Sample: 0.0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	Dilution Factor	% Rec	Qual	Date Analyzed
Cyanide	mg/L	75-125	0.096		0.01	U	0.100	1	96		4/27/04

GENERAL CHEMISTRY
Form 6 - Duplicate Sample Summary

SDG No.: S2254 Contract: Tetra Tech FW Inc..

Sample ID: S2254-01 Duplicate ID: S2254-01D

Client ID: SWUPGRADIENTD Percent Solids for Duplicate Sample: 0.0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	Dilution Factor	RPD/ AD	Qual	Date Analyzed
Cyanide	mg/L	+/-20	0.01	U	0.01	U	1	0		4/27/04

GENERAL CHEMISTRY
Form 7 - Laboratory Control Sample Summary

SDG No.: S2254 Contract: Tetra Tech FW Inc..

Sample ID Analyte	Units	True Value	Result	C	% Recovery	Dilution Factor	Acceptance Limit %R	Date Analyzed
lb12520bs								
Cyanide	mg/L	0.10	0.095		95	1	75-125	4/27/04
Cyanide	mg/Kg	5.6	4.95		88.39	1	75-125	4/27/04
Cyanide	mg/Kg	5.6	4.55		81.25	1	75-125	4/27/04
Cyanide	mg/L	0.10	0.095		95	1	75-125	4/27/04

Form 10 - Method Detection Limits

SDG No.: S2254 Contract: Tetra Tech FW Inc..

Analyte	Units	MDL	RDL
Method: 9012 Cyanide MDL Date: 1/30/04			
Matrix Category: LIQUID			
Cyanide	mg/L	0.003	0.010
Matrix Category: SOLIDS			
Cyanide	mg/Kg	0.105	0.50

8.2 GENERAL CHEMISTRY MISCELLANEOUS DATA

Chemtech Consulting Group

Analytical Summary Report

Analysis Method: 9012 Cyanide
Parameter: Cyanide
Run Number: 1b12520
Instrument: Konelab

Seq	Lab ID	Client ID	Sample Type	Inst Conc	Dil	Analytical Date	Analytical Time/Seq
1	ICV	ICV	ICV	0.094	1	4/27/04	001
2	ICB	ICB	ICB	0.000	1	4/27/04	002
3	HDS	HDS	HDS	0.469	1	4/27/04	003
4	LDS	LDS	LDS	0.007	1	4/27/04	004
5	1b12520b	MBW	MB	0.000	1	4/27/04	005
6	1b12520bs	LCSW	LCS	0.095	1	4/27/04	006
7	1b12520b	MBS	MB	0.000	1	4/27/04	007
8	1b12520bs	LCSS	LCS	4.950	1	4/27/04	008
9	S2221-01	B85-3 10-11	SAM	0.000	1	4/27/04	009
10	S2254-01	SWUPGRADIENT	SAM	0.000	1	4/27/04	010
11	CCV	CCV	CCV	0.252	1	4/27/04	011
12	CCB	CCB	CCB	0.000	1	4/27/04	012
13	S2254-01D	SWUPGRADIENTD	DUP	0.000	1	4/27/04	013
14	S2254-01S	SWUPGRADIENTMS	MS	0.096	1	4/27/04	014
15	S2254-02	SWDOWNGRADIENT	SAM	0.000	1	4/27/04	015
16	S2254-03	SWDOWNGRADIENTDUP	SAM	0.000	1	4/27/04	016
17	S2254-04	FIELDBLANK	SAM	0.000	1	4/27/04	017
18	S2255-01	MW-2	SAM	0.000	1	4/27/04	018
19	S2256-01	MW-3	SAM	0.000	1	4/27/04	019
20	S2287-01	B65-1 10-12	SAM	0.000	1	4/27/04	020
21	S2287-01D	B65-1 10-12D	DUP	0.000	1	4/27/04	021
22	CCV	CCV	CCV	0.259	1	4/27/04	022
23	CCB	CCB	CCB	0.000	1	4/27/04	023
24	S2287-02	B64-4 20-22	SAM	0.000	1	4/27/04	024
25	CCV	CCV	CCV	0.259	1	4/27/04	025
26	CCB	CCB	CCB	0.000	1	4/27/04	026
27	ICV	ICV	ICV	0.096	1	4/27/04	027
28	ICB	ICB	ICB	0.000	1	4/27/04	028
29	HDS	HDS	HDS	0.486	1	4/27/04	029
30	LDS	LDS	LDS	0.007	1	4/27/04	030
31	1b12520b	MBS	MB	0.000	1	4/27/04	031
32	1b12520bs	LCSS	LCS	4.550	1	4/27/04	032
33	1b12520b	MBW	MB	0.000	1	4/27/04	033
34	1b12520bs	LCSW	LCS	0.095	1	4/27/04	034
35	S2267-01	E11STMGP-B5-35	SAM	1.132	1	4/27/04	035
36	S2267-02	E11STMGP-B5-79	SAM	1.854	1	4/27/04	036
37	CCV	CCV	CCV	0.253	1	4/27/04	037
38	CCB	CCB	CCB	0.000	1	4/27/04	038
39	S2267-03	E11STMGP-B5-1719	SAM	0.000	1	4/27/04	039
40	S2267-04	E11STMGP-B39-1921	SAM	0.000	1	4/27/04	040
41	S2267-05	E11STMGP-B12-2123	SAM	0.000	1	4/27/04	041
42	S2267-06	E11STMGP-B23-57	SAM	0.000	1	4/27/04	042

Chemtech Consulting Group

Analytical Summary Report

Analysis Method: 9012 Cyanide
Parameter: Cyanide
Run Number: lb12520
Instrument: Konelab

Seq	Lab ID	Client ID	Sample Type	Inst Conc	Dil	Analytical Date	Analytical Time/Seq
43	S2267-07	E11STMGP-B23-1921	SAM	0.000	1	4/27/04	043
44	S2267-08	E11STMGP-B37-57	SAM	0.000	1	4/27/04	044
45	S2267-09	E11STMGP-B37-1113	SAM	0.000	1	4/27/04	045
46	S2267-10	E11STMGP-B23-2325	SAM	0.000	1	4/27/04	046
47	S2267-11	E11STMGP-B38-1012	SAM	0.000	1	4/27/04	047
48	S2267-12	E11STMGP-B38-1618	SAM	0.000	1	4/27/04	048
49	CCV	CCV	CCV	0.267	1	4/27/04	049
50	CCB	CCB	CCB	0.000	1	4/27/04	050
51	S2267-13	E11STMGP-B04-57	SAM	0.000	1	4/27/04	051
52	S2267-14	E11STMGP-B04-911	SAM	0.000	1	4/27/04	052
53	S2267-15	E11STMGP-B33-79	SAM	0.000	1	4/27/04	053
54	S2267-08D	E11STMGP-B37-57D	DUP	0.000	1	4/27/04	054
55	S2267-08S	E11STMGP-B37-57S	MS	0.000	1	4/27/04	055
56	zzzzzz	B65-1 10-12D	DUP	0.000	1	4/27/04	056
57	S2287-01S	B65-1 10-12S	MS	5.336	1	4/27/04	057
58	CCV	CCV	CCV	0.267	1	4/27/04	058
59	CCB	CCB	CCB	0.000	1	4/27/04	059

Calibration results Konelab 6.0.5 Page: 1

Laboratory: CHEMTECH
284,SHEFFIELD STREET MOUNTAINSIDE NJ-07092
Analyst Review :
page # 1

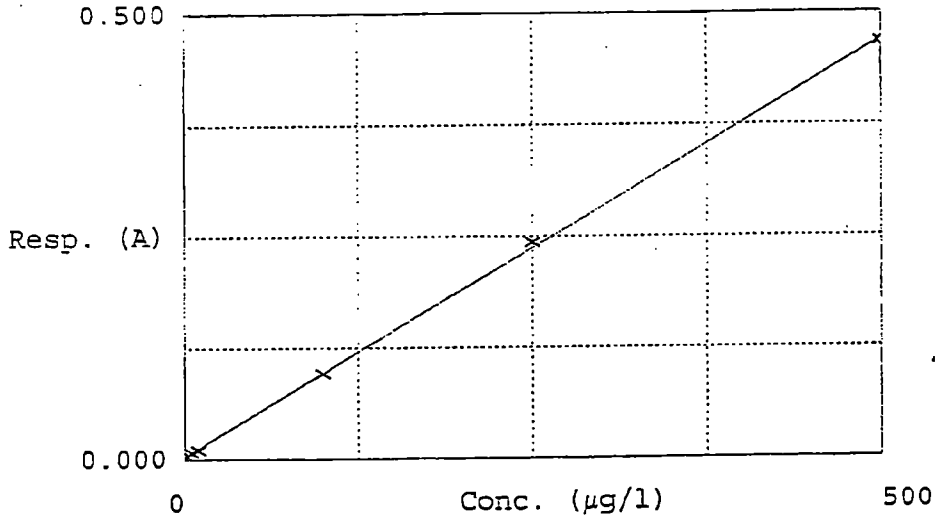
27.04.2004 10:05

Test Total CN

Ch-T → W05028
CnWor → W05029
0.25N NaOH → W04882
Pyridine → W04702
Cn Buffer → W04729

Accepted	27.04.2004 10:05
Factor	1071
Bias	0.004
Coeff. of det.	0.999682

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	0.0759	0.0000	
2	5.0PPBCN	0.008	4.4250	5.0000	
3	10PPBCN	0.011	7.7734	10.0000	
4	100PPBCN	0.096	99.0730	100.0000	
5	250PPBCN	0.243	256.8339	250.0000	
6	500PPBCN	0.467	496.8188	500.0000	

Test results Konelab 6.0.5 Page: 1

Laboratory: CHEMTECH
284,SHEFFIELD STREET MOUNTAINSIDE NJ-07092
Analyst Review : 8
page # 2

27.04.2004 12:03

Test: Total CN

Sample Id	Result	Response	Errors
ICV1	94.260	0.092	
ICB1	0.688	0.004	
HIGH1	469.669	0.442	
LOW1	7.981	0.011	
PBW1	0.439	0.004	
LCSW1	95.101	0.092	
PBS1	1.344	0.005	
S2221-01	0.501	0.004	
S2254-01	0.774	0.004	
CCV1	252.793	0.240	
CCB1	0.333	0.004	
S2254-01D	1.087	0.005	
S2254-01S	96.959	0.094	
S2254-02	1.468	0.005	
S2254-03	1.000	0.004	
S2254-04	0.221	0.004	
S2255-01	7.169	0.010	
S2256-01	-0.074	0.003	
S2287-01	0.541	0.004	
S2287-01D	0.468	0.004	
S2287-01S	89.411	0.087	
CCV2	259.262	0.246	
CCB2	0.372	0.004	
S2287-02	0.084	0.004	
ICV2	96.447	0.094	
ICB2	0.747	0.004	
HIGH2	486.580	0.458	
LOW2	7.545	0.011	
PBW2	0.109	0.004	
PBS2	0.183	0.004	
LCSS2	91.567	0.089	
S2267-01	18.696	0.021	
S2267-02	28.860	0.030	
CCV7	253.133	0.240	
CCB7	0.463	0.004	
S2267-03	1.863	0.005	
S2267-04	1.010	0.004	
S2267-05	0.077	0.004	
S2267-06	0.227	0.004	
S2267-07	-0.070	0.003	
S2267-08	4.056	0.007	
S2267-08D	2.592	0.006	
~~S2267-08S~~	~~39.891~~	~~0.041~~	4/27
S2267-09	2.707	0.006	
S2267-10	-0.047	0.004	
CCV5	263.931	0.250	

Laboratory: CHEMTECH
284,SHEFFIELD STREET MOUNTAINSIDE NJ-07092
Analyst Review : 8
page # 3

27.04.2004 12:03

Test: Total CN

Sample Id	Result	Response	Errors
CCB6	0.418	0.004	
LCSS1	99.953	0.097	
S2267-11	-0.023	0.004	
S2267-12	-0.004	0.004	
S2267-13	0.194	0.004	
S2267-14	-0.121	0.003	
S2267-15	-0.123	0.003	
X	0.506	0.004	
X1 2267-085	108.853	0.105	
CCV4	267.806	0.254	
CCB4	0.671	0.004	

N	57
Mean	55.448
SD	111.5253
CV%	201.13

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

Cyanide SOP: 9010

Distillate Date 4/26/04

Final Volume: 50mL

LB12520

Analyst Signature: CLM

Supervisor Signature: [illegible]

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
ICV	0.5mL	MM0585	0.25N NaOH	W04991
SPIKE	1.0mL	W04914A	50% v/v H_2SO_4	W04795
HIGH STD	5.0mL	W04507	51% w/v $MgCl_2$	W04981
LOW STD	0.5mL		—	—
LCSS	1.00g	CM0148		

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
1	ICV		water	50mL	>12	-ve	-ve	Tracking # W05015-X1
2	HIGH STD		water	50mL	>12	-ve	-ve	—
3	LOW STD		water	50mL	>12	-ve	-ve	Distillation start 11:00
4	PBW		water	50mL	>12	-ve	-ve	End 12:30
5	LCSW		water	50mL	>12	-ve	-ve	
6	PBS		solid	1.00g	—	—	—	
7	LCSS		solid	1.00g	—	—	—	
8	S2221-01		solid	1.00g	—	—	—	
9	S2254-01		water	50mL	>12	-ve	-ve	
10	S2254-01(D)		water	50mL	>12	-ve	-ve	Duplicate
11	S2254-01(S)		water	50mL	>12	-ve	-ve	True value SPIKE 100%
12	S2254-02		water	50mL	>12	-ve	-ve	
13	S2254-03		water	50mL	>12	-ve	-ve	
14	S2254-04		water	50mL	>12	-ve	-ve	
15	S2255-01		water	50mL	>12	-ve	-ve	
16	S2256-01		water	50mL	>12	-ve	-ve	

Balance Check WT#1 1.0000g WT#2 5.0001g WT#3 20.0001g

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

Cyanide SOP: 9010 Distillate Date 4 / 26 / 04

Final Volume: 50mL

Analyst Signature: CAM Supervisor Signature: S

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
				4/26/04 CAM

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
17	S2287-01		solid	1.00g	—	—	—	
18	S2287-01(D)		solid	1.00g	—	—	—	Duplicate
19	S2287-01(S)		solid	1.00g	—	—	—	True Value SPIKE 5mg/kg
20	S2287-02		solid	1.00g	—	—	—	
								CAM 4/26/04

Balance Check WT#1 1.6000g WT#2 5.0001g WT#3 20.0001g

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

Cyanide SOP: 9010

Distillate Date 4/23/04

Final Volume: 50mL

Analyst Signature: CAM

Supervisor Signature: S

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
				CAM 4/23/04

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
17	S2267-09		solid	1.00g	—	—	—	
18	S2267-10		solid	1.00g	—	—	—	
19	S2267-11		solid	1.00g	—	—	—	
20	S2267-12		solid	1.00g	—	—	—	
21	S2267-13		solid	1.00g	—	—	—	
22	S2267-14		solid	1.00g	—	—	—	
23	S2267-15		solid	1.00g	—	—	—	
								CAM 4/23/04

Balance Check WT#1 0.9999g WT#2 5.0000g WT#3 19.9999g

Document Control # A3040204

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

CYANIDE DISTILLATION LOG

Cyanide SOP: 9010 Distillate Date 4/23/04

Final Volume: 50mL

Analyst Signature: CAM Supervisor Signature: S

Standard Name	mls used	STD Ref.#	Chemical Used	Lot#
ICV	0.5mL	MM0585	0.25N NaOH	W04991
SPIKE	1.0mL	W04914A	50% v/v H_2SO_4	W04788
HIGH STD	5.0mL	W04507	51% w/v $MgCl_2$	W04981
LOW STD	0.5mL			
LLSS	1.00g	CM0148	—	—

Set #	Lab Sample Number	Client Number	Matrix	WT./Vol. (g/mL)	pH	Sulfide Test	Oxidizing Agent	Comments
1	ICV		water	50mL	>12	-ve	-ve	Tracking # W04991-X4
2	HIGHSTD		water	50mL	>12	-ve	-ve	—
3	LOWSTD		water	50mL	>12	-ve	-ve	Distillation Start 16:00
4	PBW		water	50mL	>12	-ve	-ve	End 17:30
5	PBS		solid	1.00g	—	—	—	—
6	LLSS		solid	1.00g	—	—	—	
7	S2267-01		solid	1.00g	—	—	—	
8	S2267-02		solid	1.00g	—	—	—	
9	S2267-03		solid	1.00g	—	—	—	
10	S2267-04		solid	1.00g	—	—	—	
11	S2267-05		solid	1.00g	—	—	—	
12	S2267-06		solid	1.00g	—	—	—	
13	S2267-07		solid	1.00g	—	—	—	
14	S2267-08		solid	1.00g	—	—	—	
15	S2267-08(D)		solid	1.00g	—	—	—	Duplicate
16	S2267-08(S)		solid	1.00g	—	—	—	True Value SPIKE 5mg/kg

Balance Check WT#1 0.9999g WT#2 5.0000g WT#3 19.9999g

CHEMTECH

284 Sheffield ST. Mountainside, NJ 07092
Tel: 908-789-8900

END OF ANALYTICAL RESULTS