SDMS Document ID
1054148

CSF CHAIN OF CUSTODY FORM
U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section

Audit Number: 08-05-07
Case Number: 35810
Date CSF Received: 10/30/06
Site Name: Lower Silver Creek
Auditor: Carol Beard
Lab Name: CHEM
Date of Audit: 11/2/06
SDG Number: MHIPR2

Date of Transfer: 11/12/06
Comments:
Transfer to: Gwen Christiansen
Affiliation: EPA
Transfer from (AOS): RSCC

CSF Relinquished By: Carol Beard (Print Name)	11/14/06 (Date)	Carol Beard (Signature)
CSF Received By: Kim Ohlson (Print Name)	11/14/06 (Date)	Kim Ohlson (Signature)
CSF Relinquished By: Kenton J. Alexander for Ohlson (Print Name)	11/16/06 (Date)	(Signature)
CSF Received By: Lisa Tyson (Print Name)	11/16/06 (Date)	(Signature)
CSF Relinquished By: Lisa Tyson (Print Name)	11/30/06 (Date)	(Signature)
CSF Received By: Kenton J. Alexander (Print Name)	11/30/06 (Date)	(Signature)

Rev. 07/05/95

CSF Audit Forms

08-05-07

CSF Relinquished By:

Kenton J. Alexander | 6/7/07 | [signature]
Print Name | Date | Signature

CSF Received By:

Carol Beard | 6/7/07 | Carol Beard
Print Name | Date | Signature

CSF Relinquished By:

Print Name | Date | Signature

CSF Received By:

Print Name | Date | Signature

CSF Relinquished By:

Print Name | Date | Signature

CSF Received By:

Print Name | Date | Signature

CSF Relinquished By:

Print Name | Date | Signature

CSF Received By:

Print Name | Date | Signature

CSF Relinquished By:

Print Name | Date | Signature

CSF Received By:

Print Name | Date | Signature

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1PR2

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) SOIL Lab Sample ID: X4830-01

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 62.1

Concentration Units (**ug/L** or **mg/kg** dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6450			P
7440-36-0	Antimony	103		E	P
7440-38-2	Arsenic	207		E	P
7440-39-3	Barium	191			P
7440-41-7	Beryllium	0.11	J		P
7440-43-9	Cadmium	49.5		E	P
7440-70-2	Calcium	12200		E	P
7440-47-3	Chromium	19.3			P
7440-48-4	Cobalt	18.0		E	P
7440-50-8	Copper	244			P
7439-89-6	Iron	67300		E	P
7439-92-1	Lead	4060		E	P
7439-95-4	Magnesium	4590		E	P
7439-96-5	Manganese	1070		E	P
7439-97-6	Mercury				NR
7440-02-0	Nickel	13.0		E	P
7440-09-7	Potassium	1220		E	P
7782-49-2	Selenium	14.8			P
7440-22-4	Silver	24.7		E	P
7440-23-5	Sodium	323	J	E	P
7440-28-0	Thallium	4.0	U	N*	P
7440-62-2	Vanadium	44.7			P
7440-66-6	Zinc	8940		ED	P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1PR3

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) SOIL Lab Sample ID: X4830-02

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 71.9

Concentration Units (**ug/L** or **mg/kg** dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4770			P
7440-36-0	Antimony	63.5		E	P
7440-38-2	Arsenic	55.7		E	P
7440-39-3	Barium	106			P
7440-41-7	Beryllium	0.070	J		P
7440-43-9	Cadmium	14.8		E	P
7440-70-2	Calcium	8400		E	P
7440-47-3	Chromium	9.0			P
7440-48-4	Cobalt	8.8		E	P
7440-50-8	Copper	111			P
7439-89-6	Iron	18300		E	P
7439-92-1	Lead	1300		E	P
7439-95-4	Magnesium	3040		E	P
7439-96-5	Manganese	1250		E	P
7439-97-6	Mercury				NR
7440-02-0	Nickel	5.6		E	P
7440-09-7	Potassium	891		E	P
7782-49-2	Selenium	4.9	U		P
7440-22-4	Silver	5.5		E	P
7440-23-5	Sodium	292	J	E	P
7440-28-0	Thallium	3.5	U	N*	P
7440-62-2	Vanadium	28.5			P
7440-66-6	Zinc	2900		E	P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1PR4

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) SOIL Lab Sample ID: X4830-03

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 70.4

Concentration Units (**ug/L** or **mg/kg** dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	655			P
7440-36-0	Antimony	233		E	P
7440-38-2	Arsenic	636		E	P
7440-39-3	Barium	95.6			P
7440-41-7	Beryllium	0.12	J		P
7440-43-9	Cadmium	46.9		E	P
7440-70-2	Calcium	23600		E	P
7440-47-3	Chromium	6.0			P
7440-48-4	Cobalt	16.5		E	P
7440-50-8	Copper	303			P
7439-89-6	Iron	186000		ED	P
7439-92-1	Lead	11700		E	P
7439-95-4	Magnesium	8150		E	P
7439-96-5	Manganese	1360		E	P
7439-97-6	Mercury				NR
7440-02-0	Nickel	17.9		E	P
7440-09-7	Potassium	235	J	E	P
7782-49-2	Selenium	63.3			P
7440-22-4	Silver	44.0		E	P
7440-23-5	Sodium	235	J	E	P
7440-28-0	Thallium	1.9	J	N*	P
7440-62-2	Vanadium	4.5	J		P
7440-66-6	Zinc	6020		E	P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1PT5

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Lab Sample ID: X4830-06

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	54.7	J		P
7440-36-0	Antimony	7.0	J		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	28.9	J	E	P
7440-41-7	Beryllium	0.19	J		P
7440-43-9	Cadmium	1.1	J		P
7440-70-2	Calcium	70800			P
7440-47-3	Chromium	8.0	J		P
7440-48-4	Cobalt	50.0	U		P
7440-50-8	Copper	6.8	J		P
7439-89-6	Iron	204			P
7439-92-1	Lead	21.5			P
7439-95-4	Magnesium	16900			P
7439-96-5	Manganese	105			P
7439-97-6	Mercury				NR
7440-02-0	Nickel	2.5	J		P
7440-09-7	Potassium	1460	J	E	P
7782-49-2	Selenium	35.0	U	N	P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	31600			P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	254		E	P
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1PT6

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Lab Sample ID: X4830-07

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19.6	J		P
7440-36-0	Antimony	14.4	J		P
7440-38-2	Arsenic	5.7	J		P
7440-39-3	Barium	56.2	J	E	P
7440-41-7	Beryllium	0.14	J		P
7440-43-9	Cadmium	0.53	J		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	10.5			P
7440-48-4	Cobalt	50.0	U		P
7440-50-8	Copper	14.0	J		P
7439-89-6	Iron	401			P
7439-92-1	Lead	3.3	J		P
7439-95-4	Magnesium	33700			P
7439-96-5	Manganese	143			P
7439-97-6	Mercury				NR
7440-02-0	Nickel	6.1	J		P
7440-09-7	Potassium	3140	J	E	P
7782-49-2	Selenium	35.0	U	N	P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	61400			P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	389		E	P
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1PT7

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Lab Sample ID: X4830-08

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	31.0	J		P
7440-36-0	Antimony	14.6	J		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	65.3	J	E	P
7440-41-7	Beryllium	0.11	J		P
7440-43-9	Cadmium	1.2	J		P
7440-70-2	Calcium	152000			P
7440-47-3	Chromium	13.4			P
7440-48-4	Cobalt	50.0	U		P
7440-50-8	Copper	9.6	J		P
7439-89-6	Iron	220			P
7439-92-1	Lead	11.3			P
7439-95-4	Magnesium	37800			P
7439-96-5	Manganese	120			P
7439-97-6	Mercury				NR
7440-02-0	Nickel	6.1	J		P
7440-09-7	Potassium	3550	J	E	P
7782-49-2	Selenium	35.0	U	N	P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	62800			P
7440-28-0	Thallium	6.9	J		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	476		E	P
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1W55

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Lab Sample ID: X4830-11

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27.5	J		P
7440-36-0	Antimony	7.1	J		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	49.3	J	E	P
7440-41-7	Beryllium	0.12	J		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	125000			P
7440-47-3	Chromium	5.6	J		P
7440-48-4	Cobalt	50.0	U		P
7440-50-8	Copper	8.7	J		P
7439-89-6	Iron	54.0	J		P
7439-92-1	Lead	10.0	U		P
7439-95-4	Magnesium	29700			P
7439-96-5	Manganese	144			P
7439-97-6	Mercury				NR
7440-02-0	Nickel	4.6	J		P
7440-09-7	Potassium	2750	J	E	P
7782-49-2	Selenium	35.0	U	N	P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	54300			P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	379		E	P
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1W56

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Lab Sample ID: X4830-12

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1470			P
7440-36-0	Antimony	40.0	J		P
7440-38-2	Arsenic	31.5			P
7440-39-3	Barium	89.9	J	E	P
7440-41-7	Beryllium	0.18	J		P
7440-43-9	Cadmium	10.8			P
7440-70-2	Calcium	152000			P
7440-47-3	Chromium	18.3			P
7440-48-4	Cobalt	2.6	J		P
7440-50-8	Copper	51.8			P
7439-89-6	Iron	4180			P
7439-92-1	Lead	581			P
7439-95-4	Magnesium	34900			P
7439-96-5	Manganese	992			P
7439-97-6	Mercury				NR
7440-02-0	Nickel	10.0	J		P
7440-09-7	Potassium	3640	J	E	P
7782-49-2	Selenium	35.0	U	N	P
7440-22-4	Silver	6.0	J		P
7440-23-5	Sodium	62900			P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	3.8	J		P
7440-66-6	Zinc	1770		E	P
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH1W57

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Lab Sample ID: X4830-13

Level: (low/med) LOW Date Received: 10/06/2006

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	31.2	J		P
7440-36-0	Antimony	13.9	J		P
7440-38-2	Arsenic	6.2	J		P
7440-39-3	Barium	65.6	J	E	P
7440-41-7	Beryllium	0.095	J		P
7440-43-9	Cadmium	0.95	J		P
7440-70-2	Calcium	154000			P
7440-47-3	Chromium	8.6	J		P
7440-48-4	Cobalt	50.0	U		P
7440-50-8	Copper	6.0	J		P
7439-89-6	Iron	157			P
7439-92-1	Lead	3.7	J		P
7439-95-4	Magnesium	38200			P
7439-96-5	Manganese	72.6			P
7439-97-6	Mercury				NR
7440-02-0	Nickel	4.7	J		P
7440-09-7	Potassium	3610	J	E	P
7782-49-2	Selenium	35.0	U	N	P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	64100			P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	0.64	J		P
7440-66-6	Zinc	450		E	P
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	2482.0	2505.26	101	10000.0	9836.63	98	9945.44	99	P
Antimony	992.0	1035.29	104	5000.0	4980.52	100	5066.18	101	P
Arsenic	996.0	1027.43	103	5000.0	5046.89	101	5153.08	103	P
Barium	502.0	531.46	106	10000.0	10247.1	102	10371.2	104	P
Beryllium	493.0	514.45	104	250.0	251.00	100	256.22	102	P
Cadmium	494.0	526.22	107	2500.0	2549.55	102	2604.27	104	P
Calcium	10180.0	10412.6	102	25000.0	24988.8	100	25339.1	101	P
Chromium	490.0	507.95	104	1000.0	1006.67	101	1027.01	103	P
Cobalt	496.0	520.37	105	2500.0	2523.54	101	2550.53	102	P
Copper	490.0	492.76	101	1250.0	1242.50	99	1268.73	101	P
Iron	5107.0	5280.64	103	5000.0	5056.48	101	5180.31	104	P
Lead	996.0	1059.32	106	5000.0	5070.01	101	5159.67	103	P
Magnesium	6003.0	6142.18	102	25000.0	24854.7	99	25434.0	102	P
Manganese	495.0	524.49	106	2500.0	2540.79	102	2578.98	103	P
Mercury									NR
Nickel	492.0	523.69	106	2500.0	2536.76	101	2581.25	103	P
Potassium	10008.0	9228.63	92	25000.0	23949.0	96	23226.1	93	P
Selenium	1005.0	1060.75	106	5000.0	5056.84	101	5216.97	104	P
Silver	495.0	468.18	95	1250.0	1297.36	104	1311.18	105	P
Sodium	10039.0	9412.95	94	25000.0	24901.2	100	25196.1	101	P
Thallium	1027.0	1103.77	107	5000.0	5026.66	101	5120.26	102	P
Vanadium	501.0	516.12	103	2500.0	2509.98	100	2568.55	103	P
Zinc	1000.0	1068.64	107	2500.0	2563.07	103	2630.62	105	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9933.90	99	9813.79	98	P
Antimony				5000.0	5080.81	102	5019.59	100	P
Arsenic				5000.0	5162.30	103	5135.69	103	P
Barium				10000.0	10278.2	103	10235.9	102	P
Beryllium				250.0	257.47	103	258.21	103	P
Cadmium				2500.0	2620.39	105	2612.18	104	P
Calcium				25000.0	25601.6	102	25437.5	102	P
Chromium				1000.0	1030.27	103	1028.59	103	P
Cobalt				2500.0	2535.12	101	2502.02	100	P
Copper				1250.0	1265.77	101	1264.44	101	P
Iron				5000.0	5269.26	105	5335.39	107	P
Lead				5000.0	5158.52	103	5159.54	103	P
Magnesium				25000.0	25760.7	103	25733.0	103	P
Manganese				2500.0	2580.97	103	2575.59	103	P
Mercury									NR
Nickel				2500.0	2586.15	103	2571.81	103	P
Potassium				25000.0	23104.1	92	23191.4	93	P
Selenium				5000.0	5231.51	105	5263.02	105	P
Silver				1250.0	1300.16	104	1291.20	103	P
Sodium				25000.0	25155.3	101	25276.4	101	P
Thallium				5000.0	5106.64	102	5163.84	103	P
Vanadium				2500.0	2586.81	103	2597.82	104	P
Zinc				2500.0	2658.48	106	2685.55	107	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9565.81	96	9466.84	95	P
Antimony				5000.0	4956.25	99	4944.41	99	P
Arsenic				5000.0	5065.21	101	5050.89	101	P
Barium				10000.0	10039.7	100	10049.5	100	P
Beryllium				250.0	252.91	101	253.76	102	P
Cadmium				2500.0	2553.31	102	2547.92	102	P
Calcium				25000.0	24821.7	99	24691.0	99	P
Chromium				1000.0	1002.19	100	997.48	100	P
Cobalt				2500.0	2402.15	96	2360.39	94	P
Copper				1250.0	1243.92	100	1249.92	100	P
Iron				5000.0	5195.20	104	5178.50	104	P
Lead				5000.0	5015.14	100	4978.21	100	P
Magnesium				25000.0	25155.7	101	24997.3	100	P
Manganese				2500.0	2510.00	100	2498.60	100	P
Mercury									NR
Nickel				2500.0	2503.71	100	2486.57	99	P
Potassium				25000.0	22806.5	91	23253.8	93	P
Selenium				5000.0	5172.83	103	5160.64	103	P
Silver				1250.0	1247.88	100	1245.49	100	P
Sodium				25000.0	25086.8	100	25451.3	102	P
Thallium				5000.0	5042.79	101	5072.83	101	P
Vanadium				2500.0	2557.06	102	2569.38	103	P
Zinc				2500.0	2614.73	105	2616.87	105	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9271.33	93	9327.95	93	P
Antimony				5000.0	4919.19	98	4936.48	99	P
Arsenic				5000.0	4998.74	100	5046.97	101	P
Barium				10000.0	9888.03	99	9995.01	100	P
Beryllium				250.0	250.03	100	254.06	102	P
Cadmium				2500.0	2510.58	100	2537.28	101	P
Calcium				25000.0	24262.2	97	24491.5	98	P
Chromium				1000.0	975.44	98	981.57	98	P
Cobalt				2500.0	2296.42	92	2300.18	92	P
Copper				1250.0	1235.37	99	1260.25	101	P
Iron				5000.0	5131.77	103	5385.35	108	P
Lead				5000.0	4912.35	98	4987.23	100	P
Magnesium				25000.0	24617.0	98	24879.0	100	P
Manganese				2500.0	2443.44	98	2456.81	98	P
Mercury									NR
Nickel				2500.0	2442.11	98	2462.43	98	P
Potassium				25000.0	22980.4	92	23838.2	95	P
Selenium				5000.0	5128.88	103	5167.72	103	P
Silver				1250.0	1216.30	97	1217.42	97	P
Sodium				25000.0	25208.5	101	26228.4	105	P
Thallium				5000.0	5024.64	100	5109.12	102	P
Vanadium				2500.0	2530.20	101	2558.82	102	P
Zinc				2500.0	2585.89	103	2627.38	105	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10084.8	101	10062.7	101	P
Antimony				5000.0	5059.89	101	5053.86	101	P
Arsenic				5000.0	5113.15	102	5111.80	102	P
Barium				10000.0	10401.9	104	10444.9	104	P
Beryllium				250.0	255.06	102	256.17	102	P
Cadmium				2500.0	2593.38	104	2589.93	104	P
Calcium				25000.0	25805.3	103	25783.3	103	P
Chromium				1000.0	1020.17	102	1017.25	102	P
Cobalt				2500.0	2557.31	102	2541.55	102	P
Copper				1250.0	1261.77	101	1267.91	101	P
Iron				5000.0	5150.59	103	5092.65	102	P
Lead				5000.0	5155.90	103	5164.87	103	P
Magnesium				25000.0	25362.8	101	25214.3	101	P
Manganese				2500.0	2574.39	103	2565.20	103	P
Mercury									NR
Nickel				2500.0	2578.69	103	2570.45	103	P
Potassium				25000.0	23455.2	94	23923.4	96	P
Selenium				5000.0	5141.77	103	5125.50	103	P
Silver				1250.0	1187.15	95	1191.14	95	P
Sodium				25000.0	25382.3	102	25880.5	104	P
Thallium				5000.0	5115.31	102	5185.22	104	P
Vanadium				2500.0	2542.61	102	2545.12	102	P
Zinc				2500.0	2606.18	104	2607.55	104	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9841.43	98	10013.9	100	P
Antimony				5000.0	5013.35	100	5142.98	103	P
Arsenic				5000.0	5054.94	101	5199.70	104	P
Barium				10000.0	10223.1	102	10420.1	104	P
Beryllium				250.0	251.25	101	258.91	104	P
Cadmium				2500.0	2538.02	102	2617.23	105	P
Calcium				25000.0	25205.0	101	26006.1	104	P
Chromium				1000.0	989.38	99	1015.34	102	P
Cobalt				2500.0	2482.54	99	2543.72	102	P
Copper				1250.0	1251.06	100	1274.34	102	P
Iron				5000.0	5029.07	101	5149.05	103	P
Lead				5000.0	5043.60	101	5224.29	104	P
Magnesium				25000.0	24706.7	99	25531.8	102	P
Manganese				2500.0	2499.30	100	2559.07	102	P
Mercury									NR
Nickel				2500.0	2514.94	101	2583.88	103	P
Potassium				25000.0	23782.5	95	24208.2	97	P
Selenium				5000.0	5051.51	101	5214.94	104	P
Silver				1250.0	1154.51	92	1180.06	94	P
Sodium				25000.0	25650.9	103	26129.2	105	P
Thallium				5000.0	5136.77	103	5257.70	105	P
Vanadium				2500.0	2481.46	99	2542.58	102	P
Zinc				2500.0	2562.02	102	2658.18	106	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10028.9	100	10062.3	101	P
Antimony				5000.0	5080.72	102	5148.89	103	P
Arsenic				5000.0	5178.60	104	5282.94	106	P
Barium				10000.0	10419.2	104	10466.0	105	P
Beryllium				250.0	258.31	103	261.14	104	P
Cadmium				2500.0	2642.52	106	2680.30	107	P
Calcium				25000.0	26138.8	105	26422.2	106	P
Chromium				1000.0	1033.02	103	1040.54	104	P
Cobalt				2500.0	2594.47	104	2618.28	105	P
Copper				1250.0	1265.20	101	1274.50	102	P
Iron				5000.0	5247.70	105	5271.30	105	P
Lead				5000.0	5273.41	105	5353.23	107	P
Magnesium				25000.0	25731.0	103	26064.9	104	P
Manganese				2500.0	2605.50	104	2624.53	105	P
Mercury									NR
Nickel				2500.0	2615.48	105	2643.63	106	P
Potassium				25000.0	22790.3	91	22848.2	91	P
Selenium				5000.0	5216.13	104	5301.47	106	P
Silver				1250.0	1242.15	99	1245.22	100	P
Sodium				25000.0	24938.1	100	25025.7	100	P
Thallium				5000.0	5170.35	103	5291.85	106	P
Vanadium				2500.0	2559.81	102	2577.39	103	P
Zinc				2500.0	2663.23	107	2711.60	108	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Initial Calibration Verification Source: EPA-LV-1201

Continuing Calibration Verification Source: IVEN-MI6307E

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	2482.0	2501.08	101	10000.0	10010.5	100	10050.8	101	P
Antimony	992.0	1046.13	105	5000.0	5019.42	100	5064.90	101	P
Arsenic	996.0	1002.75	101	5000.0	5134.77	103	5105.59	102	P
Barium	502.0	532.48	106	10000.0	10363.3	104	10369.2	104	P
Beryllium	493.0	506.91	103	250.0	256.42	103	255.52	102	P
Cadmium	494.0	524.19	106	2500.0	2585.54	103	2584.84	103	P
Calcium	10180.0	10401.2	102	25000.0	25973.8	104	25788.4	103	P
Chromium	490.0	503.50	103	1000.0	1011.23	101	1017.61	102	P
Cobalt	496.0	512.08	103	2500.0	2520.26	101	2548.47	102	P
Copper	490.0	485.01	99	1250.0	1265.36	101	1268.63	101	P
Iron	5107.0	5239.39	103	5000.0	5194.74	104	5096.75	102	P
Lead	996.0	1053.21	106	5000.0	5109.92	102	5134.68	103	P
Magnesium	6003.0	6134.02	102	25000.0	25209.6	101	25306.4	101	P
Manganese	495.0	519.73	105	2500.0	2551.61	102	2569.08	103	P
Mercury									NR
Nickel	492.0	518.46	105	2500.0	2560.10	102	2569.80	103	P
Potassium									NR
Selenium	1005.0	1031.50	103	5000.0	5060.56	101	5106.39	102	P
Silver									NR
Sodium	10039.0	9149.25	91	25000.0	25534.8	102	25615.0	102	P
Thallium	1027.0	1068.88	104	5000.0	5151.41	103	5085.54	102	P
Vanadium	501.0	510.69	102	2500.0	2537.22	101	2541.00	102	P
Zinc	1000.0	1062.12	106	2500.0	2601.85	104	2596.05	104	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0	58.93 J	98	73.62	123
Arsenic	10.0	9.42 J	94	11.95	120
Barium					
Beryllium	5.0	5.23	105	5.33	107
Cadmium	5.0	5.57	111	5.45	109
Calcium					
Chromium	10.0	9.94 J	99	10.48	105
Cobalt	50.0	50.07	100	50.80	102
Copper	25.0	23.74 J	95	30.77	123
Iron					
Lead	10.0	10.64	106	13.57	136
Magnesium					
Manganese	15.0	15.68	105	17.05	114
Mercury					
Nickel	40.0	41.56	104	41.89	105
Potassium					
Selenium	35.0	33.64 J	96	32.02 J	91
Silver	10.0	12.43	124	12.77	128
Sodium					
Thallium	25.0	27.98	112	21.27 J	85
Vanadium	50.0	50.58	101	52.58	105
Zinc	60.0	64.59	108	74.09	123
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0			66.55	111
Arsenic	10.0			12.04	120
Barium					
Beryllium	5.0			5.38	108
Cadmium	5.0			5.23	105
Calcium					
Chromium	10.0			10.21	102
Cobalt	50.0			48.22 J	96
Copper	25.0			23.88 J	96
Iron					
Lead	10.0			7.55 J	76
Magnesium					
Manganese	15.0			15.71	105
Mercury					
Nickel	40.0			40.66	102
Potassium					
Selenium	35.0			35.69	102
Silver	10.0			12.11	121
Sodium					
Thallium	25.0			16.13 J	65
Vanadium	50.0			51.43	103
Zinc	60.0			67.20	112
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0			67.01	112
Arsenic	10.0			11.86	119
Barium					
Beryllium	5.0			5.48	110
Cadmium	5.0			5.25	105
Calcium					
Chromium	10.0			9.92 J	99
Cobalt	50.0			45.85 J	92
Copper	25.0			23.54 J	94
Iron					
Lead	10.0			9.06 J	91
Magnesium					
Manganese	15.0			15.46	103
Mercury					
Nickel	40.0			40.24	101
Potassium					
Selenium	35.0			27.15 J	78
Silver	10.0			12.30	123
Sodium					
Thallium	25.0			31.60	126
Vanadium	50.0			51.05	102
Zinc	60.0			66.05	110
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0			63.05	105
Arsenic	10.0			9.65 J	97
Barium					
Beryllium	5.0			5.17	103
Cadmium	5.0			5.08	102
Calcium					
Chromium	10.0			10.48	105
Cobalt	50.0			50.52	101
Copper	25.0			24.73 J	99
Iron					
Lead	10.0			11.73	117
Magnesium					
Manganese	15.0			15.73	105
Mercury					
Nickel	40.0			42.03	105
Potassium					
Selenium	35.0			33.20 J	95
Silver	10.0			12.67	127
Sodium					
Thallium	25.0			25.57	102
Vanadium	50.0			50.40	101
Zinc	60.0			65.13	109
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0			68.54	114
Arsenic	10.0			8.60 J	86
Barium					
Beryllium	5.0			5.05	101
Cadmium	5.0			4.97 J	99
Calcium					
Chromium	10.0			9.63 J	96
Cobalt	50.0			49.50 J	99
Copper	25.0			24.14 J	97
Iron					
Lead	10.0			8.98 J	90
Magnesium					
Manganese	15.0			15.02	100
Mercury					
Nickel	40.0			39.66 J	99
Potassium					
Selenium	35.0			41.92	120
Silver	10.0			12.18	122
Sodium					
Thallium	25.0			31.74	127
Vanadium	50.0			49.28 J	99
Zinc	60.0			60.86	101
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0			70.12	117
Arsenic	10.0			12.15	122
Barium					
Beryllium	5.0			5.40	108
Cadmium	5.0			5.75	115
Calcium					
Chromium	10.0			10.31	103
Cobalt	50.0			51.84	104
Copper	25.0			24.61 J	98
Iron					
Lead	10.0			11.27	113
Magnesium					
Manganese	15.0			16.16	108
Mercury					
Nickel	40.0			43.26	108
Potassium					
Selenium	35.0			36.68	105
Silver	10.0			11.65	117
Sodium					
Thallium	25.0			17.68 J	71
Vanadium	50.0			51.83	104
Zinc	60.0			66.37	111
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0			73.35	122
Arsenic	10.0			8.08 J	81
Barium					
Beryllium	5.0			5.48	110
Cadmium	5.0			5.36	107
Calcium					
Chromium	10.0			9.83 J	98
Cobalt	50.0			51.57	103
Copper	25.0			24.86 J	99
Iron					
Lead	10.0			11.91	119
Magnesium					
Manganese	15.0			15.94	106
Mercury					
Nickel	40.0			42.98	107
Potassium					
Selenium	35.0			39.08	112
Silver	10.0			12.80	128
Sodium					
Thallium	25.0			30.27	121
Vanadium	50.0			51.53	103
Zinc	60.0			64.77	108
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN
CRQL CHECK STANDARD

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

CRQL Check Standard Source: IVEN-MI6307B

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R(1)	Found*	%R(1)
Aluminum					
Antimony	60.0	73.19	122	50.20 J	84
Arsenic	10.0	7.17 J	72	8.13 J	81
Barium					
Beryllium	5.0	5.37	107	5.07	101
Cadmium	5.0	5.28	106	4.86 J	97
Calcium					
Chromium	10.0	10.11	101	9.58 J	96
Cobalt	50.0	50.06	100	50.39	101
Copper	25.0	24.47 J	98	23.89 J	96
Iron					
Lead	10.0	10.53	105	9.83 J	98
Magnesium					
Manganese	15.0	15.03	100	15.61	104
Mercury					
Nickel	40.0	40.73	102	40.27	101
Potassium					
Selenium	35.0	35.82	102	43.31	124
Silver					
Sodium					
Thallium	25.0	28.18	113	25.08	100
Vanadium	50.0	50.42	101	49.53 J	99
Zinc	60.0	65.84	110	61.67	103
Cyanide					

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150.
ICP-MS - Cobalt, Manganese, and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

3-IN
BLANKS

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum	200.000	U	-25.095	J	-39.150	J	-5.655	J	-5.978	J	P
Antimony	60.000	U	60.000	U	9.510	J	60.000	U	6.000	U	P
Arsenic	10.000	U	5.735	J	10.000	U	10.000	U	1.000	U	P
Barium	0.685	J	1.205	J	1.605	J	0.755	J	20.000	U	P
Beryllium	0.100	J	0.060	J	0.080	J	0.180	J	0.038	J	P
Cadmium	5.000	U	5.000	U	0.590	J	5.000	U	0.500	U	P
Calcium	18.435	J	25.060	J	-80.305	J	-55.510	J	-14.607	J	P
Chromium	10.000	U	10.000	U	10.000	U	10.000	U	1.000	U	P
Cobalt	50.000	U	50.000	U	50.000	U	50.000	U	5.000	U	P
Copper	25.000	U	1.135	J	8.015	J	5.740	J	2.500	U	P
Iron	100.000	U	100.000	U	100.000	U	100.000	U	-2.911	J	P
Lead	10.000	U	10.000	U	10.000	U	10.000	U	1.000	U	P
Magnesium	5000.000	U	-22.255	J	-35.440	J	5000.000	U	-3.998	J	P
Manganese	0.280	J	0.480	J	1.650	J	0.560	J	1.500	U	P
Mercury											NR
Nickel	40.000	U	40.000	U	40.000	U	1.025	J	4.000	U	P
Potassium	-22.155	J	5000.000	U	5000.000	U	38.720	J	12.658	J	P
Selenium	35.000	U	35.000	U	35.000	U	-12.495	J	-1.036	J	P
Silver	2.015	J	10.000	U	10.000	U	-1.735	J	1.000	U	P
Sodium	6.325	J	8.485	J	9.615	J	5000.000	U	2.094	J	P
Thallium	25.000	U	25.000	U	-9.210	J	25.000	U	2.500	U	P
Vanadium	50.000	U	50.000	U	50.000	U	50.000	U	0.107	J	P
Zinc	-1.705	J	60.000	U	7.705	J	2.130	J	6.000	U	P
Cyanide											NR

USEPA - CLP

3-IN
BLANKS

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum			-43.075	J	-31.485	J	-58.780	J	200.000	U	P
Antimony			60.000	U	60.000	U	60.000	U	60.000	U	P
Arsenic			8.835	J	10.000	U	4.820	J	9.015	J	P
Barium			0.955	J	0.890	J	0.555	J	-0.595	J	P
Beryllium			0.155	J	0.235	J	0.285	J	5.000	U	P
Cadmium			5.000	U	5.000	U	5.000	U	5.000	U	P
Calcium			-81.650	J	-73.840	J	-151.185	J	5000.000	U	P
Chromium			10.000	U	10.000	U	10.000	U	10.000	U	P
Cobalt			50.000	U	50.000	U	50.000	U	50.000	U	P
Copper			2.755	J	25.000	U	25.000	U	-4.030	J	P
Iron			17.640	J	100.000	U	-28.695	J	30.685	J	P
Lead			6.375	J	10.000	U	10.000	U	6.835	J	P
Magnesium			-38.160	J	-25.210	J	-41.115	J	5000.000	U	P
Manganese			1.665	J	0.320	J	15.000	U	15.000	U	P
Mercury											NR
Nickel			40.000	U	0.825	J	40.000	U	40.000	U	P
Potassium			69.350	J	76.290	J	77.445	J	29.545	J	P
Selenium			-11.745	J	35.000	U	-16.445	J	35.000	U	P
Silver			-0.770	J	-1.030	J	-0.890	J	10.000	U	P
Sodium			6.220	J	5.655	J	22.630	J	-10.185	J	P
Thallium			25.000	U	-8.340	J	25.000	U	25.000	U	P
Vanadium			50.000	U	50.000	U	50.000	U	50.000	U	P
Zinc			10.820	J	60.000	U	-1.630	J	1.795	J	P
Cyanide											NR

USEPA - CLP

3-IN
BLANKS

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Blank Matrix (soil/water):_____

Preparation Blank Concentration Units (ug/L or mg/kg):_____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum			-45.275	J	5.735	J	20.095	J			P
Antimony			60.000	U	60.000	U	60.000	U			P
Arsenic			6.280	J	6.470	J	10.000	U			P
Barium			0.490	J	0.705	J	200.000	U			P
Beryllium			0.375	J	5.000	U	0.080	J			P
Cadmium			5.000	U	5.000	U	5.000	U			P
Calcium			-136.360	J	27.125	J	28.750	J			P
Chromium			10.000	U	10.000	U	10.000	U			P
Cobalt			50.000	U	50.000	U	50.000	U			P
Copper			25.000	U	4.045	J	1.965	J			P
Iron			100.000	U	42.410	J	100.000	U			P
Lead			10.000	U	6.365	J	10.000	U			P
Magnesium			-25.665	J	5000.000	U	5000.000	U			P
Manganese			0.230	J	0.565	J	15.000	U			P
Mercury											NR
Nickel			40.000	U	40.000	U	40.000	U			P
Potassium			102.880	J	20.270	J	-42.020	J			P
Selenium			-11.940	J	4.505	J	4.230	J			P
Silver			-1.260	J	10.000	U	10.000	U			P
Sodium			16.410	J	3.395	J	-7.945	J			P
Thallium			25.000	U	25.000	U	25.000	U			P
Vanadium			50.000	U	50.000	U	50.000	U			P
Zinc			-1.145	J	4.425	J	60.000	U			P
Cyanide											NR

USEPA - CLP

3-IN
BLANKS

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Blank Matrix (soil/water):_____

Preparation Blank Concentration Units (ug/L or mg/kg):_____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1 10	C	2	C	3	C		C	M
Aluminum			200.000	U	12.850	J	-5.035	J			P
Antimony			10.715	J	14.005	J	60.000	U			P
Arsenic			10.000	U	10.000	U	10.000	U			P
Barium			0.870	J	-6.800	J	0.805	J			P
Beryllium			0.120	J	5.000	U	5.000	U			P
Cadmium			5.000	U	5.000	U	5.000	U			P
Calcium			31.125	J	-19.275	J	35.585	J			P
Chromium			10.000	U	10.000	U	10.000	U			P
Cobalt			50.000	U	50.000	U	50.000	U			P
Copper			0.880	J	25.000	U	25.000	U			P
Iron			-24.760	J	23.860	J	100.000	U			P
Lead			10.000	U	10.000	U	10.000	U			P
Magnesium			11.715	J	-84.495	J	8.055	J			P
Manganese			15.000	U	-0.720	J	0.300	J			P
Mercury											NR
Nickel			40.000	U	40.000	U	40.000	U			P
Potassium			-17.750	J	-20.120	J	23.675	J			P
Selenium			-11.125	J	10.850	J	35.000	U			P
Silver			10.000	U	10.000	U	10.000	U			P
Sodium			22.120	J	-81.715	J	22.695	J			P
Thallium			6.755	J	-21.700	J	25.000	U			P
Vanadium			50.000	U	-2.425	J	50.000	U			P
Zinc			60.000	U	60.000	U	1.700	J			P
Cyanide											NR

USEPA - CLP

3-IN
BLANKS

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Blank Matrix (soil/water):_____

Preparation Blank Concentration Units (ug/L or mg/kg):_____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum			7.680	J	17.380	J					P
Antimony			60.000	U	60.000	U					P
Arsenic			5.815	J	10.000	U					P
Barium			200.000	U	200.000	U					P
Beryllium			0.120	J	0.170	J					P
Cadmium			5.000	U	5.000	U					P
Calcium			19.655	J	28.090	J					P
Chromium			10.000	U	10.000	U					P
Cobalt			50.000	U	50.000	U					P
Copper			1.255	J	1.505	J					P
Iron			100.000	U	100.000	U					P
Lead			10.000	U	10.000	U					P
Magnesium			14.725	J	11.880	J					P
Manganese			15.000	U	15.000	U					P
Mercury											NR
Nickel			40.000	U	40.000	U					P
Potassium			-17.445	J	21.385	J					P
Selenium			35.000	U	-5.020	J					P
Silver			-1.810	J	-1.260	J					P
Sodium			-4.915	J	-7.650	J					P
Thallium			25.000	U	25.000	U					P
Vanadium			50.000	U	50.000	U					P
Zinc			60.000	U	60.000	U					P
Cyanide											NR

USEPA - CLP

3-IN
BLANKS

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Blank Matrix (soil/water):_____

Preparation Blank Concentration Units (ug/L or mg/kg):_____

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum	200.000	U	25.305	J	20.760	J					P
Antimony	11.345	J	22.560	J	60.000	U					P
Arsenic	10.000	U	10.000	U	10.000	U					P
Barium	0.275	J	1.505	J	0.635	J					P
Beryllium	0.110	J	0.255	J	0.080	J					P
Cadmium	5.000	U	0.605	J	5.000	U					P
Calcium	53.805	J	71.840	J	26.400	J					P
Chromium	10.000	U	10.000	U	10.000	U					P
Cobalt	50.000	U	50.000	U	50.000	U					P
Copper	1.145	J	3.135	J	2.320	J					P
Iron	38.705	J	54.665	J	18.320	J					P
Lead	5.145	J	10.000	U	10.000	U					P
Magnesium	14.350	J	35.555	J	25.555	J					P
Manganese	15.000	U	-0.800	J	0.275	J					P
Mercury											NR
Nickel	40.000	U	40.000	U	40.000	U					P
Potassium											NR
Selenium	35.000	U	6.260	J	23.010	J					P
Silver											NR
Sodium	5000.000	U	3.295	J	5000.000	U					P
Thallium	25.000	U	25.000	U	25.000	U					P
Vanadium	50.000	U	50.000	U	50.000	U					P
Zinc	8.225	J	1.410	J	1.095	J					P
Cyanide											NR

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000	241000	99	242000	98	242000	99	244000	98
Antimony	0	585	3.3		611	104	-2.1		646	110
Arsenic	0	97.0	6.9		108	111	5.8		106	109
Barium	2.0	475	2.4	120	509	107	2.7	135	512	108
Beryllium	0	482	0.35		484	100	0.43		495	103
Cadmium	0	916	0.61		944	103	0.17		967	106
Calcium	234000	234000	240000	103	242000	103	243000	104	247000	106
Chromium	36.0	506	37.8	105	503	99	38.6	107	516	102
Cobalt	3.0	455	0.80	27	459	101	1.6	53	461	101
Copper	15.0	537	-1.6	-11	480	89	4.8	32	494	92
Iron	94900	95100	93200	98	94600	99	96400	102	98500	104
Lead	5.0	51.0	6.7	134	54.7	107	7.6	152	54.5	107
Magnesium	249000	254000	246000	99	248000	98	253000	102	256000	101
Manganese	19.0	483	19.2	101	508	105	21.2	112	518	107
Nickel	10.0	930	10.3	103	946	102	10.6	106	963	104
Potassium	0	0	49.7		56.6		52.0		71.7	
Selenium	0	51.0	-1.1		46.7	92	-16.8		48.2	95
Silver	0	210	-0.78		207	99	0.94		207	99
Sodium	0	0	846		867		856		865	
Thallium	0	96.0	-17.0		81.4	85	-19.8		94.4	98
Vanadium	1.0	481	0.21	21	483	100	0.31	31	499	104
Zinc	39.0	975	29.2	75	963	99	35.0	90	1000	103

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000					234000	96	235000	95
Antimony	0	585					0.52		613	105
Arsenic	0	97.0					2.3		106	109
Barium	2.0	475					2.2	110	497	105
Beryllium	0	482					0.55		483	100
Cadmium	0	916					0.11		935	102
Calcium	234000	234000					237000	101	238000	102
Chromium	36.0	506					37.3	104	499	99
Cobalt	3.0	455					1.4	47	434	95
Copper	15.0	537					-0.32	-2	480	89
Iron	94900	95100					95800	101	96500	101
Lead	5.0	51.0					3.4	68	51.9	102
Magnesium	249000	254000					248000	100	248000	98
Manganese	19.0	483					20.3	107	501	104
Nickel	10.0	930					10.1	101	925	99
Potassium	0	0					94.8		123	
Selenium	0	51.0					-5.1		45.0	88
Silver	0	210					-0.38		200	95
Sodium	0	0					859		872	
Thallium	0	96.0					-1.2		98.4	103
Vanadium	1.0	481					0.28	28	492	102
Zinc	39.0	975					30.9	79	974	100

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000					227000	93	228000	92
Antimony	0	585					1.6		613	105
Arsenic	0	97.0					5.2		102	105
Barium	2.0	475					2.3	115	491	103
Beryllium	0	482					0.69		479	99
Cadmium	0	916					0.31		924	101
Calcium	234000	234000					231000	99	232000	99
Chromium	36.0	506					36.6	102	488	96
Cobalt	3.0	455					1.4	47	417	92
Copper	15.0	537					-0.58	-4	479	89
Iron	94900	95100					94600	100	95700	101
Lead	5.0	51.0					1.2	24	48.0	94
Magnesium	249000	254000					243000	98	244000	96
Manganese	19.0	483					19.8	104	490	101
Nickel	10.0	930					10.1	101	908	98
Potassium	0	0					164		148	
Selenium	0	51.0					5.4		41.1	81
Silver	0	210					1.5		195	93
Sodium	0	0					890		898	
Thallium	0	96.0					5.3		96.4	100
Vanadium	1.0	481					0.48	48	489	102
Zinc	39.0	975					28.4	73	970	99

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000					246000	101	246000	99
Antimony	0	585					5.5		644	110
Arsenic	0	97.0					7.4		102	105
Barium	2.0	475					3.7	185	518	109
Beryllium	0	482					0.42		488	101
Cadmium	0	916					0.87		956	104
Calcium	234000	234000					244000	104	244000	104
Chromium	36.0	506					38.5	107	511	101
Cobalt	3.0	455					1.3	43	465	102
Copper	15.0	537					2.8	19	490	91
Iron	94900	95100					95700	101	96300	101
Lead	5.0	51.0					4.4	88	55.4	109
Magnesium	249000	254000					252000	101	251000	99
Manganese	19.0	483					20.4	107	516	107
Nickel	10.0	930					10.9	109	960	103
Potassium	0	0					26.6		63.9	
Selenium	0	51.0					-5.2		49.4	97
Silver	0	210					4.9		187	89
Sodium	0	0					884		883	
Thallium	0	96.0					3.7		104	108
Vanadium	1.0	481					-0.030	-3	492	102
Zinc	39.0	975					31.5	81	979	100

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000					238000	98	238000	96
Antimony	0	585					-6.3		627	107
Arsenic	0	97.0					1.5		102	105
Barium	2.0	475					2.4	120	504	106
Beryllium	0	482					0.35		476	99
Cadmium	0	916					0.79		928	101
Calcium	234000	234000					235000	100	236000	101
Chromium	36.0	506					36.5	101	491	97
Cobalt	3.0	455					1.4	47	447	98
Copper	15.0	537					0.24	2	479	89
Iron	94900	95100					92000	97	92500	97
Lead	5.0	51.0					6.7	134	52.9	104
Magnesium	249000	254000					243000	98	243000	96
Manganese	19.0	483					18.4	97	495	102
Nickel	10.0	930					9.9	99	927	100
Potassium	0	0					32.0		34.3	
Selenium	0	51.0					-0.11		41.5	81
Silver	0	210					4.2		180	86
Sodium	0	0					866		872	
Thallium	0	96.0					-9.6		91.4	95
Vanadium	1.0	481					0.28	28	477	99
Zinc	39.0	975					29.6	76	954	98

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000					246000	101	245000	99
Antimony	0	585					0.090		644	110
Arsenic	0	97.0					4.7		102	105
Barium	2.0	475					2.5	125	522	110
Beryllium	0	482					0.51		495	103
Cadmium	0	916					1.2		976	107
Calcium	234000	234000					249000	106	248000	106
Chromium	36.0	506					39.3	109	520	103
Cobalt	3.0	455					1.2	40	473	104
Copper	15.0	537					1.1	7	493	92
Iron	94900	95100					97900	103	98100	103
Lead	5.0	51.0					4.7	94	56.9	112
Magnesium	249000	254000					257000	103	255000	100
Manganese	19.0	483					19.1	101	522	108
Nickel	10.0	930					11.5	115	976	105
Potassium	0	0					40.5		44.5	
Selenium	0	51.0					-5.4		47.4	93
Silver	0	210					3.2		189	90
Sodium	0	0					861		863	
Thallium	0	96.0					-12.3		103	107
Vanadium	1.0	481					1.0	100	498	104
Zinc	39.0	975					32.2	83	1010	104

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000					251000	103	247000	100
Antimony	0	585					6.9		656	112
Arsenic	0	97.0					-1.8		99.7	103
Barium	2.0	475					2.7	135	525	111
Beryllium	0	482					0.55		501	104
Cadmium	0	916					0.94		992	108
Calcium	234000	234000					255000	109	251000	107
Chromium	36.0	506					39.7	110	524	104
Cobalt	3.0	455					1.7	57	476	105
Copper	15.0	537					0.26	2	496	92
Iron	94900	95100					100000	105	98900	104
Lead	5.0	51.0					5.2	104	57.9	114
Magnesium	249000	254000					263000	106	259000	102
Manganese	19.0	483					19.0	100	526	109
Nickel	10.0	930					11.6	116	987	106
Potassium	0	0					67.0		50.7	
Selenium	0	51.0					-7.3		49.4	97
Silver	0	210					2.7		190	90
Sodium	0	0					881		853	
Thallium	0	96.0					7.0		89.5	93
Vanadium	1.0	481					0.45	45	502	104
Zinc	39.0	975					38.3	98	1020	105

USEPA - CLP

4A-IN
ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 ICS Source: EPA0503-0203

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	244000	248000	241000	99	240000	97	244000	100	243000	98
Antimony	0	585	1.8		644	110	-6.5		626	107
Arsenic	0	97.0	1.9		99.8	103	2.5		100	103
Barium	2.0	475	2.6	130	511	108	2.3	115	512	108
Beryllium	0	482	0.48		483	100	0.39		483	100
Cadmium	0	916	1.4		944	103	1.2		946	103
Calcium	234000	234000	241000	103	240000	103	240000	103	240000	103
Chromium	36.0	506	38.3	106	500	99	39.0	108	505	100
Cobalt	3.0	455	2.2	73	452	99	1.1	37	459	101
Copper	15.0	537	0.61	4	488	91	0.57	4	489	91
Iron	94900	95100	94300	99	94500	99	93600	99	93700	99
Lead	5.0	51.0	5.1	102	52.4	103	5.3	106	55.4	109
Magnesium	249000	254000	248000	100	247000	97	249000	100	248000	98
Manganese	19.0	483	17.7	93	502	104	18.7	98	507	105
Nickel	10.0	930	10.7	107	941	101	11.2	112	949	102
Potassium										
Selenium	0	51.0	8.1		54.3	106	-3.4		45.2	89
Silver										
Sodium	0	0	870		877		871		870	
Thallium	0	96.0	-13.8		97.6	102	-17.1		79.5	83
Vanadium	1.0	481	0.015	2	485	101	0.060	6	486	101
Zinc	39.0	975	31.4	81	958	98	31.2	80	959	98

USEPA - CLP

5A-IN
MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH1PR4S

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) SOIL Level: (low/med) LOW

% Solids for Sample: 70.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony		257.8743		233.0170		28.41	87		P
Arsenic		632.3622		636.0362		11.36	-32		P
Barium	75-125	648.7429		95.5547		568.18	97		P
Beryllium	75-125	13.3821		0.1186	J	14.20	93		P
Cadmium	75-125	59.1861		46.9020		14.20	87		P
Calcium									NR
Chromium	75-125	57.5405		5.9553		56.82	91		P
Cobalt	75-125	134.5199		16.5050		142.05	83		P
Copper		368.7550		303.2798		71.02	92		P
Iron									NR
Lead		11580.1385		11734.7820		5.68	-2723		P
Magnesium									NR
Manganese		1462.9382		1363.3267		142.05	70		P
Mercury									NR
Nickel	75-125	144.5348		17.8842		142.05	89		P
Potassium									NR
Selenium		76.0845		63.3232		14.20	90		P
Silver	75-125	60.7557		43.9844		14.20	118		P
Sodium									NR
Thallium	75-125	23.3551		1.9453	J	14.20	151	N	P
Vanadium	75-125	142.9098		4.4986	J	142.05	97		P
Zinc		6062.9041		6021.9034		142.05	29		P
Cyanide									NR

Comments:

USEPA - CLP

5A-IN
MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH1PT7S

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2044.7850		31.0350	J	2000.00	101		P
Antimony	75-125	119.5550		14.6100	J	100.00	105		P
Arsenic	75-125	49.5850		10.0000	U	40.00	124		P
Barium	75-125	2173.9300		65.2600	J	2000.00	105		P
Beryllium	75-125	51.4800		0.1050	J	50.00	103		P
Cadmium	75-125	51.7900		1.2450	J	50.00	101		P
Calcium									NR
Chromium	75-125	212.1600		13.3600		200.00	99		P
Cobalt	75-125	483.5650		50.0000	U	500.00	97		P
Copper	75-125	258.3350		9.6100	J	250.00	99		P
Iron	75-125	1223.5900		220.1200		1000.00	100		P
Lead	75-125	30.1950		11.3250		20.00	94		P
Magnesium									NR
Manganese	75-125	628.2650		120.4000		500.00	102		P
Mercury									NR
Nickel	75-125	496.6600		6.1100	J	500.00	98		P
Potassium									NR
Selenium	75-125	64.3700		35.0000	U	50.00	129	N	P
Silver	75-125	61.6000		10.0000	U	50.00	123		P
Sodium									NR
Thallium	75-125	48.1750		6.9200	J	50.00	83		P
Vanadium	75-125	509.2650		50.0000	U	500.00	102		P
Zinc	75-125	960.1850		476.2550		500.00	97		P
Cyanide									NR

Comments:

USEPA - CLP

5A-IN
MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH1W57S

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2014.0050		31.1500	J	2000.00	99		P
Antimony	75-125	122.4750		13.8500	J	100.00	109		P
Arsenic	75-125	47.5650		6.2150	J	40.00	103		P
Barium	75-125	2144.6550		65.6300	J	2000.00	104		P
Beryllium	75-125	50.9250		0.0950	J	50.00	102		P
Cadmium	75-125	51.2400		0.9500	J	50.00	101		P
Calcium									NR
Chromium	75-125	204.0500		8.6450	J	200.00	98		P
Cobalt	75-125	474.9750		50.0000	U	500.00	95		P
Copper	75-125	250.9500		6.0450	J	250.00	98		P
Iron	75-125	1124.2050		157.1300		1000.00	97		P
Lead	75-125	24.5050		3.6750	J	20.00	104		P
Magnesium									NR
Manganese	75-125	571.8550		72.6150		500.00	100		P
Mercury									NR
Nickel	75-125	487.7050		4.7200	J	500.00	97		P
Potassium									NR
Selenium	75-125	40.1150		35.0000	U	50.00	80		P
Silver	75-125	60.3500		10.0000	U	50.00	121		P
Sodium									NR
Thallium	75-125	57.0700		25.0000	U	50.00	114		P
Vanadium	75-125	501.9100		0.6400	J	500.00	100		P
Zinc	75-125	938.1700		450.3050		500.00	98		P
Cyanide									NR

Comments:

USEPA - CLP

5B-IN
POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH1PR4A

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: SDG No.: MH1PR2

Matrix: (soil/water) SOIL Level: (low/med) LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium		57.42		13.70	J	50.0	87		P
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

USEPA - CLP

5B-IN
POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH1PT7A

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Nickel									NR
Potassium									NR
Selenium		87.37	J	35.00	U	70.0	125		P
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

USEPA - CLP

5B-IN
POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH1W57A

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

USEPA - CLP

6-IN
DUPLICATES

EPA SAMPLE NO.

MH1PR4D

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) SOIL Level: (low/med) LOW

% Solids for Sample: 70.4 % Solids for Duplicate: 72.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		655.4780		657.5036		0		P
Antimony		233.0170		234.6527		1		P
Arsenic		636.0362		638.9702		0		P
Barium	28.4	95.5547		95.9709		0		P
Beryllium		0.1186	J	0.1193	J	1		P
Cadmium		46.9020		47.1612		1		P
Calcium		23613.4652		23824.2010		1		P
Chromium	1.4	5.9553		5.9474		0		P
Cobalt	7.1	16.5050		16.7067		1		P
Copper		303.2798		304.5987		0		P
Iron		186167.5178		186340.3835		0		P
Lead		11734.7820		11775.9631		0		P
Magnesium		8149.6229		8227.5895		1		P
Manganese		1363.3267		1372.1776		1		P
Mercury								NR
Nickel	5.7	17.8842		18.1364		1		P
Potassium		234.5639	J	236.0412	J	1		P
Selenium		63.3232		62.6307		1		P
Silver		43.9844		45.1953		3		P
Sodium		235.0781	J	235.8011	J	0		P
Thallium	3.6	1.9453	J	7.5036		118	*	P
Vanadium		4.4986	J	4.5973	J	2		P
Zinc		6021.9034		6070.2074		1		P
Cyanide								NR

USEPA - CLP

6-IN
DUPLICATES

EPA SAMPLE NO.

MH1PT7D

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		31.0350	J	40.6350	J	27		P
Antimony		14.6100	J	13.8850	J	5		P
Arsenic		10.0000	U	7.4700	J	200		P
Barium		65.2600	J	66.0150	J	1		P
Beryllium		0.1050	J	0.1200	J	13		P
Cadmium		1.2450	J	1.3100	J	5		P
Calcium		151637.6150		152539.4250		1		P
Chromium	10.0	13.3600		13.2650		1		P
Cobalt		50.0000	U	50.0000	U			P
Copper		9.6100	J	10.4500	J	8		P
Iron	100.0	220.1200		227.2500		3		P
Lead	10.0	11.3250		9.8150	J	14		P
Magnesium		37793.3650		37994.0650		1		P
Manganese		120.4000		121.2200		1		P
Mercury								NR
Nickel		6.1100	J	6.7650	J	10		P
Potassium		3550.4550	J	3629.1700	J	2		P
Selenium		35.0000	U	35.0000	U			P
Silver		10.0000	U	10.0000	U			P
Sodium		62814.5850		63359.2350		1		P
Thallium		6.9200	J	25.0000	U	200		P
Vanadium		50.0000	U	50.0000	U			P
Zinc		476.2550		472.1500		1		P
Cyanide								NR

USEPA - CLP

6-IN
DUPLICATES

EPA SAMPLE NO.

MH1W57D

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		31.1500	J	21.8500	J	35		P
Antimony		13.8500	J	17.8750	J	25		P
Arsenic		6.2150	J	6.5000	J	4		P
Barium		65.6300	J	65.0250	J	1		P
Beryllium		0.0950	J	0.1150	J	19		P
Cadmium		0.9500	J	1.1600	J	20		P
Calcium		153600.1500		151667.2500		1		P
Chromium		8.6450	J	8.1850	J	5		P
Cobalt		50.0000	U	50.0000	U			P
Copper		6.0450	J	5.6450	J	7		P
Iron	100.0	157.1300		134.8500		15		P
Lead		3.6750	J	4.2750	J	15		P
Magnesium		38229.2000		38029.7150		1		P
Manganese	15.0	72.6150		71.5000		2		P
Mercury								NR
Nickel		4.7200	J	4.3050	J	9		P
Potassium		3614.9700	J	3502.5200	J	3		P
Selenium		35.0000	U	35.0000	U			P
Silver		10.0000	U	10.0000	U			P
Sodium		64118.3400		63578.7950		1		P
Thallium		25.0000	U	9.9550	J	200		P
Vanadium		0.6400	J	50.0000	U	200		P
Zinc		450.3050		448.9500		0		P
Cyanide								NR

USEPA - CLP

7-IN
LABORATORY CONTROL SAMPLE

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Solid LCS Source: EPA-LCSS0405

Aqueous LCS Source: EPA-ICV -1201

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum	2482.0	2500.72	101	115.0	74.5		54.7	175.0	65
Antimony	992.0	1037.56	105	66.0	72.5		27.6	104.0	110
Arsenic	996.0	1001.39	101	253.0	229.7		154.0	352.0	91
Barium	502.0	529.42	105	1.6	1.5	J	1.0	2.2	94
Beryllium	493.0	507.61	103	4.9	4.5		3.0	6.8	92
Cadmium	494.0	522.21	106	10.9	9.6		7.7	14.0	88
Calcium	10180.0	10348.09	102	44200.0	41711.3		30300.0	58200.0	94
Chromium	490.0	499.85	102	27.1	24.9		18.5	35.7	92
Cobalt	496.0	509.03	103	37.4	30.7		24.2	50.6	82
Copper	490.0	489.08	100	1770.0	1558.1		1320.0	2230.0	88
Iron	5107.0	5192.60	102	6470.0	6110.7		4280.0	8660.0	94
Lead	996.0	1051.26	106	56.9	50.3		41.4	72.4	88
Magnesium	6003.0	6075.11	101	29200.0	26255.3		20500.0	37900.0	90
Manganese	495.0	517.29	105	61.0	54.3		41.6	80.5	89
Mercury									
Nickel	492.0	516.60	105	16.3	14.1		9.0	23.7	87
Potassium	10008.0	9181.08	92	39.7	39.8	J	0.0	85.3	100
Selenium	1005.0	1044.41	104	10.0	8.6		4.1	15.9	86
Silver	495.0	407.93	82	5.9	6.9		2.7	9.1	117
Sodium	10039.0	9417.33	94	72.5	69.6	J	0.0	216.0	96
Thallium	1027.0	1099.37	107	9.5	8.4		2.9	16.1	88
Vanadium	501.0	511.07	102	17.6	16.5		11.6	23.7	94
Zinc	1000.0	1061.81	106	47.5	41.6		20.5	74.4	88
Cyanide									

USEPA - CLP

8-IN
ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MH1PR4L

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: SDG No.: MH1PR2

Matrix: (soil/water) SOIL Level: (low/med) LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	4614.57		4884.20		6		P
Antimony	1640.44		1818.63		11	E	P
Arsenic	4477.70		5037.13		12	E	P
Barium	672.71		721.80	J	7		P
Beryllium	0.84	J	25.00	U	100		P
Cadmium	330.19		380.38		15	E	P
Calcium	166238.80		184468.93		11	E	P
Chromium	41.93		48.88	J	17		P
Cobalt	116.20		130.60	J	12	E	P
Copper	2135.09		2180.98		2		P
Iron	262123.87		1386700.00		429	E	NR
Lead	82612.87		95399.78		15	E	P
Magnesium	57373.35		64570.98		13	E	P
Manganese	9597.82		10952.78		14	E	P
Nickel	125.91		146.33	J	16	E	P
Potassium	1651.33	J	1425.10	J	14	E	P
Selenium	445.80		506.30		14		P
Silver	309.65		352.93		14	E	P
Sodium	1654.95	J	1468.90	J	11	E	P
Thallium	13.70	J	215.10		1470		P
Vanadium	31.67	J	35.78	J	13		P
Zinc	42394.20		55463.50		31	E	P

USEPA - CLP

8-IN
ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MH1PT7L

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	31.04	J	1000.00	U	100		P
Antimony	14.61	J	20.98	J	44		P
Arsenic	10.00	U	26.25	J			P
Barium	65.26	J	72.73	J	11	E	P
Beryllium	0.11	J	0.60	J	445		P
Cadmium	1.25	J	25.00	U	100		P
Calcium	151637.62		166697.28		10		P
Chromium	13.36		18.80	J	41		P
Cobalt	50.00	U	250.00	U			P
Copper	9.61	J	15.80	J	64		P
Iron	220.12		156.43	J	29		P
Lead	11.33		50.00	U	100		P
Magnesium	37793.37		41436.33		10		P
Manganese	120.40		132.98		10		P
Nickel	6.11	J	8.90	J	46		P
Potassium	3550.46	J	3148.58	J	11	E	P
Selenium	35.00	U	175.00	U			P
Silver	10.00	U	50.00	U			P
Sodium	62814.59		67437.30		7		P
Thallium	6.92	J	125.00	U	100		P
Vanadium	50.00	U	250.00	U			P
Zinc	476.26		535.63		12	E	P

USEPA - CLP

8-IN
ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MH1W57L

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Matrix: (soil/water) WATER Level: (low/med) LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	31.15	J	1000.00	U	100		P
Antimony	13.85	J	47.93	J	246		P
Arsenic	6.22	J	50.00	U	100		P
Barium	65.63	J	72.38	J	10		P
Beryllium	0.10	J	0.68	J	580		P
Cadmium	0.95	J	25.00	U	100		P
Calcium	153600.15		166431.95		8		P
Chromium	8.65	J	10.38	J	20		P
Cobalt	50.00	U	250.00	U			P
Copper	6.05	J	7.40	J	22		P
Iron	157.13		500.00	U	100		P
Lead	3.68	J	50.00	U	100		P
Magnesium	38229.20		41358.18		8		P
Manganese	72.62		78.93		9		P
Nickel	4.72	J	200.00	U	100		P
Potassium	3614.97	J	3065.70	J	15	E	P
Selenium	35.00	U	175.00	U			P
Silver	10.00	U	50.00	U			P
Sodium	64118.34		67306.80		5		P
Thallium	25.00	U	125.00	U			P
Vanadium	0.64	J	250.00	U	100		P
Zinc	450.31		506.63		13	E	P

USEPA - CLP

9-IN
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument Type: P Instrument ID: P3 Date: 01/15/2006

Preparation Method: HS1

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wavelength /Mass	CRQL	MDL
Aluminum	308.20	20	1.1
Antimony	206.80	6	0.78
Arsenic	189.00	1	0.45
Barium	493.40	20	0.048
Beryllium	313.00	0.5	0.037
Cadmium	226.50	0.5	0.050
Calcium	317.90	500	0.68
Chromium	267.70	1	0.096
Cobalt	228.60	5	0.13
Copper	324.70	2.5	0.097
Iron	271.40	10	1.4
Lead	220.30	1	0.20
Magnesium	279.00	500	0.62
Manganese	257.60	1.5	0.042
Mercury		0.1	
Nickel	231.60	4	0.082
Potassium	766.40	500	1.4
Selenium	196.00	3.5	0.96
Silver	328.00	1	0.20
Sodium	588.90	500	0.85
Thallium	190.80	2.5	0.66
Vanadium	292.40	5	0.084
Zinc	206.20	6	0.21
Cyanide		2.5	

Comments:

USEPA - CLP

9-IN
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument Type: P Instrument ID: P3 Date: 01/15/2006

Preparation Method: HW1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wavelength /Mass	CRQL	MDL
Aluminum	308.20	200	10.0
Antimony	206.80	60	2.8
Arsenic	189.00	10	4.9
Barium	493.40	200	0.25
Beryllium	313.00	5	0.063
Cadmium	226.50	5	0.50
Calcium	317.90	5000	6.8
Chromium	267.70	10	0.66
Cobalt	228.60	50	1.2
Copper	324.70	25	0.63
Iron	271.40	100	25.2
Lead	220.30	10	2.5
Magnesium	279.00	5000	10.8
Manganese	257.60	15	0.16
Mercury		0.2	
Nickel	231.60	40	1.5
Potassium	766.40	5000	19.1
Selenium	196.00	35	4.7
Silver	328.00	10	1.1
Sodium	588.90	5000	8.8
Thallium	190.80	25	6.7
Vanadium	292.40	50	0.45
Zinc	206.20	60	0.84
Cyanide		10	

Comments:

USEPA - CLP

9-IN
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument Type: P Instrument ID: P3 Date: 01/15/2006

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wavelength /Mass	CRQL	MDL
Aluminum	308.20	200	4.4
Antimony	206.80	60	6.7
Arsenic	189.00	10	4.1
Barium	493.40	200	0.24
Beryllium	313.00	5	0.032
Cadmium	226.50	5	0.53
Calcium	317.90	5000	1.7
Chromium	267.70	10	0.93
Cobalt	228.60	50	1.5
Copper	324.70	25	0.80
Iron	271.40	100	16.2
Lead	220.30	10	4.1
Magnesium	279.00	5000	5.7
Manganese	257.60	15	0.17
Mercury		0.2	
Nickel	231.60	40	0.70
Potassium	766.40	5000	15.8
Selenium	196.00	35	3.9
Silver	328.00	10	0.66
Sodium	588.90	5000	3.0
Thallium	190.80	25	5.3
Vanadium	292.40	50	0.84
Zinc	206.20	60	0.93
Cyanide		10	

Comments:

USEPA - CLP

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 Date: 10/09/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	-0.0006500	0.0000000	0.0000000
Cobalt	228.60	-0.0061000	0.0000000	0.1033500	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	-0.0005470
Lead	220.30	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	-0.0001890	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0002100
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0127000	0.0000000	0.0167400	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA - CLP

10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 Date: 10/09/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	Be	Cd	Co	Cr
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0009400	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	-0.0013620	0.0000000	0.0000000	0.0003000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	-0.0000720	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	-0.0000550	0.0000000	0.0000720	0.0000240	0.0000000
Lead	220.30	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0004760
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0007650	0.0000000	0.0000000	-0.0036000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA - CLP

10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 Date: 10/09/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cu	K	Mn	Ni	Pb
Aluminum	308.20	0.0000000	0.0000000	-0.0000200	0.0000000	0.0009600
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	-0.0017900	0.0000000	0.0000000	-0.0002900	-0.0017400
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	-0.0001700	0.0000000	-0.0001200	0.0000160	0.0000690
Lead	220.30	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000220	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0004000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0005500
Potassium	766.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA - CLP

10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP-AES Instrument ID: P3 Date: 10/09/2006

Analyte	Wave-length (nm)	Interelement Correction Factors for: Sb	Se	Tl	V	Zn
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0176650	0.0000000	0.0004200	-0.0032220	0.0004600
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000890	0.0000870	-0.0015500	0.0000000	0.0000230
Lead	220.30	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000430
Manganese	257.60	0.0000000	0.0011900	0.0020550	0.0000000	0.0000000
Nickel	231.60	-0.0010800	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0039300	0.0005800	-0.0452800	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

USEPA - CLP

11-IN
ICP-AES and ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

ICP Instrument ID: P3 Date: 10/09/2006

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	10.00	550000.0	P
Antimony	10.00	50000.0	P
Arsenic	10.00	45000.0	P
Barium	10.00	50000.0	P
Beryllium	10.00	25000.0	P
Cadmium	10.00	45000.0	P
Calcium	1.00	650000.0	P
Chromium	10.00	50000.0	P
Cobalt	10.00	45000.0	P
Copper	10.00	45000.0	P
Iron	10.00	650000.0	P
Lead	10.00	200000.0	P
Magnesium	10.00	600000.0	P
Manganese	10.00	40000.0	P
Nickel	10.00	50000.0	P
Potassium	10.00	150000.0	P
Selenium	10.00	45000.0	P
Silver	10.00	50000.0	P
Sodium	10.00	150000.0	P
Thallium	10.00	50000.0	P
Vanadium	10.00	50000.0	P
Zinc	10.00	45000.0	P

Comments:

USEPA - CLP

12-IN
PREPARATION LOG

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Method: HS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	10/13/2006	1.00	100
MH1PR2	10/13/2006	1.00	100
MH1PR3	10/13/2006	1.00	100
MH1PR4	10/13/2006	1.00	100
MH1PR4D	10/13/2006	1.00	100
MH1PR4S	10/13/2006	1.00	100
PBS	10/13/2006	1.00	100

USEPA - CLP

12-IN
PREPARATION LOG

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Preparation Method: HW1

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSW	10/13/2006		50
MH1PT5	10/13/2006		50
MH1PT6	10/13/2006		50
MH1PT7	10/13/2006		50
MH1PT7D	10/13/2006		50
MH1PT7S	10/13/2006		50
MH1W55	10/13/2006		50
MH1W56	10/13/2006		50
MH1W57	10/13/2006		50
MH1W57D	10/13/2006		50
MH1W57S	10/13/2006		50
PBW	10/13/2006		50

USEPA - CLP

13-IN
ANALYSIS RUN LOG

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument ID: P3 Analysis Method: P

Start Date: 10/23/2006 End Date: 10/23/2006

EPA Sample No.	D/F	Time	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	1.0	0946	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S	1.0	0949	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.0	1003	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB	1.0	1007	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.0	1020		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	1049	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	1052	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1054	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1056	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1059																										
ZZZZZZ	1.0	1105																										
ZZZZZZ	1.0	1108																										
ZZZZZZ	1.0	1111																										
ZZZZZZ	1.0	1113																										
ZZZZZZ	1.0	1116																										
ZZZZZZ	1.0	1119																										
ZZZZZZ	1.0	1121																										
ZZZZZZ	1.0	1124																										
ZZZZZZ	1.0	1132																										
CCV	1.0	1134	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1136	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1139																										
ZZZZZZ	1.0	1142																										
ZZZZZZ	1.0	1144																										
ZZZZZZ	1.0	1147																										
ZZZZZZ	1.0	1149																										
ZZZZZZ	1.0	1152																										
ZZZZZZ	1.0	1154																										
CRI	1.0	1157		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	1202	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	1212	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1214	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1216	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

USEPA - CLP

13-IN
ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument ID: P3 Analysis Method: P

Start Date: 10/23/2006 End Date: 10/23/2006

EPA Sample No.	D/F	Time	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	1.0	1218																										
ZZZZZZ	1.0	1222																										
ZZZZZZ	1.0	1224																										
ZZZZZZ	1.0	1226																										
ZZZZZZ	5.0	1229																										
ZZZZZZ	2.0	1238																										
ZZZZZZ	2.0	1240																										
ZZZZZZ	2.0	1242																										
ZZZZZZ	1.0	1247																										
ZZZZZZ	1.0	1250																										
CCV	1.0	1252	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1254	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1256																										
ZZZZZZ	1.0	1259																										
ZZZZZZ	1.0	1306																										
ZZZZZZ	1.0	1310																										
ZZZZZZ	1.0	1312																										
ZZZZZZ	1.0	1314																										
ZZZZZZ	1.0	1316																										
CRI	1.0	1321		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	1328	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	1331	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1333	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1335	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1341																										
ZZZZZZ	1.0	1343																										
ZZZZZZ	1.0	1345																										
ZZZZZZ	1.0	1347																										
ZZZZZZ	1.0	1400																										
ZZZZZZ	1.0	1402																										
ZZZZZZ	1.0	1404																										
ZZZZZZ	1.0	1406																										
ZZZZZZ	1.0	1408																										

USEPA - CLP

13-IN
ANALYSIS RUN LOG

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument ID: P3 Analysis Method: P

Start Date: 10/23/2006 End Date: 10/23/2006

EPA Sample No.	D/F	Time	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	1.0	1411																										
CCV	1.0	1413	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1415	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1417																										
ZZZZZZ	1.0	1419																										
ZZZZZZ	1.0	1421																										
ZZZZZZ	1.0	1423																										
ZZZZZZ	1.0	1425																										
ZZZZZZ	5.0	1427																										
ZZZZZZ	1.0	1433																										
CRI	1.0	1438		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	1445	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	1448	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1450	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1452	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1507																										
ZZZZZZ	1.0	1509																										
ZZZZZZ	1.0	1511																										
PBS	1.0	1513	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
LCSS	1.0	1515	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PR2	1.0	1518	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X				
MH1PR3	1.0	1520	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PR4	1.0	1522	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH1PR4D	1.0	1524	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH1PR4S	1.0	1527		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X			
CCV	1.0	1529	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1531	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PR4L	5.0	1536	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH1PR4	5.0	1547											X															
MH1PR4D	5.0	1549											X															
MH1PR4S	5.0	1552																										
MH1PR4L	25	1554											X															
ZZZZZZ	1.0	1603																										

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13-IN
ANALYSIS RUN LOG

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument ID: P3 Analysis Method: P

Start Date: 10/23/2006 End Date: 10/23/2006

EPA Sample No.	D/F	Time	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		
PBW	1.0	1606	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.0	1619		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	1627	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	1632	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1634	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1636	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
LCSW	1.0	1648	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PT5	1.0	1654	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PT6	1.0	1656	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PT7	1.0	1658	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PT7D	1.0	1700	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1PT7S	1.0	1702	X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
MH1PT7L	5.0	1704	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1W55	1.0	1707	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1W56	1.0	1709	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1W57	1.0	1711	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1713	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1715	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1W57D	1.0	1717	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH1W57S	1.0	1719	X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
MH1W57L	5.0	1722	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1735																										
ZZZZZZ	1.0	1737																										
ZZZZZZ	1.0	1740																										
ZZZZZZ	1.0	1743																										
CRI	1.0	1756		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	1802	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	1806	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1808	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1810	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1812																										
ZZZZZZ	1.0	1814																										
ZZZZZZ	1.0	1816																										

USEPA - CLP

13-IN
ANALYSIS RUN LOG

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument ID: P3 Analysis Method: P

Start Date: 10/23/2006 End Date: 10/23/2006

EPA Sample No.	D/F	Time	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	1.0	1818																										
ZZZZZZ	1.0	1820																										
ZZZZZZ	1.0	1822																										
ZZZZZZ	1.0	1824																										
ZZZZZZ	1.0	1826																										
ZZZZZZ	1.0	1828																										
ZZZZZZ	1.0	1830																										
CCV	1.0	1832	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1834	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1836																										
ZZZZZZ	1.0	1838																										
ZZZZZZ	1.0	1840																										
ZZZZZZ	1.0	1910																										
ZZZZZZ	1.0	1912																										
ZZZZZZ	1.0	1914																										
ZZZZZZ	1.0	1916																										
CRI	1.0	1918		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	1926	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	1930	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1932	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1934	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1937																										
ZZZZZZ	5.0	1939																										
ZZZZZZ	1.0	1941																										
ZZZZZZ	1.0	1943																										
ZZZZZZ	1.0	1945																										
CRI	1.0	2003		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA	1.0	2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.0	2023	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	2025	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	2027	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

USEPA - CLP

13-IN
ANALYSIS RUN LOG

Lab Name CHEMTECH CONSULTING GROUP Contract: EPW06047

Lab Code: CHEM Case No.: 35810 NRAS No.: _____ SDG No.: MH1PR2

Instrument ID: P3 Analysis Method: P

Start Date: 10/25/2006 End Date: 10/25/2006

EPA Sample No.	D/F	Time	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	1.0	1420	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
S	1.0	1423	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.0	1429	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
ICB	1.0	1517	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
CRI	1.0	1521		X	X		X	X		X	X	X		X		X		X		X			X	X	X			
ICSA	1.0	1530	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
ICSAB	1.0	1539	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
CCV	1.0	1541	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
CCB	1.0	1543	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
ZZZZZZ	4.0	1545																										
ZZZZZZ	4.0	1549																										
ZZZZZZ	4.0	1552																										
ZZZZZZ	2.0	1554																										
MH1PR2	2.0	1556																										
MH1PR4A	1.0	1621																							X			
MH1PT7A	1.0	1629																					X					
CRI	1.0	1646		X	X		X	X		X	X	X		X		X		X		X			X	X	X			
ICSA	1.0	1652	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
ICSAB	1.0	1656	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
CCV	1.0	1658	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			
CCB	1.0	1700	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			

Standardization Rpt. 10/23/06 09:48:00 AM page 1

Method: ILMO53_ Standard: S0
Run Time: 10/23/06 09:46:27

Elem	As1890	Tl1908	Sb2068	Al3082	Ba4934	Be3130	Cd2265
Avge	-.00115	-.00055	.00010	-.00500	-.00015	.00568	-.00040
SDev	.00028	.00064	.00014	.00113	.00064	.00011	.00014
%RSD	24.595	115.71	141.42	22.627	424.26	1.8690	35.355
#1	-.00135	-.00010	.00000	-.00580	-.00060	.00560	-.00030
#2	-.00095	-.00100	.00020	-.00420	.00030	.00575	-.00050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mn2576	Mg2790
Avge	.00165	.00195	.00005	.01130	.00410	.00210	.00040
SDev	.00007	.00035	.00007	.00071	.00071	.00000	.00071
%RSD	4.2855	18.131	141.42	6.2576	17.247	.00000	176.78
#1	.00160	.00170	.00000	.01080	.00460	.00210	-.00010
#2	.00170	.00220	.00010	.01180	.00360	.00210	.00090

Elem	Ni2316	Ag3280	Na5889	V_2924	Zn2062	220351	220352
Avge	-.00065	.00130	-.00520	-.00398	.00145	.00375	.00295
SDev	.00078	.00057	.00000	.00088	.00007	.00431	.01549
%RSD	119.66	43.514	.00000	22.236	4.8766	115.02	524.94
#1	-.00010	.00170	-.00520	-.00460	.00140	.00070	.01390
#2	-.00120	.00090	-.00520	-.00335	.00150	.00680	-.00800

Elem	196021	196022	K_7664
Avge	.00030	.00150	-.08015
SDev	.00226	.00269	.00007
%RSD	754.25	179.13	.08822
#1	-.00130	.00340	-.08010
#2	.00190	-.00040	-.08020

INSTRUMENT ID # P3

BLANK Prep. date: 10/18/06
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10/24/06
Date

Standardization Rpt. 10/23/06 09:52:05 AM page 1

Method: ILM053 Standard: S
Run Time: 10/23/06 09:49:10

Elem	As1890	Tl1908	Sb2068	Al3082	Ba4934	Be3130	Cd2265
Avge	2.6579	1.5861	4.2086	5.3505	135.96	4.5881	20.103
SDev	.0007	.0025	.0196	.0157	.29	.0104	.042
%RSD	.02528	.16049	.46539	.29273	.21214	.22655	.20789
#1	2.6583	1.5843	4.1948	5.3394	135.76	4.5807	20.073
#2	2.6574	1.5879	4.2225	5.3616	136.17	4.5954	20.132

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mn2576	Mg2790
Avge	9.0853	6.3987	1.1332	2.5971	1.8228	17.663	10.649
SDev	.0175	.0073	.0030	.0079	.0045	.033	.013
%RSD	.19302	.11382	.26830	.30494	.24438	.18776	.12351
#1	9.0729	6.3935	1.1311	2.5915	1.8197	17.639	10.640
#2	9.0977	6.4039	1.1354	2.6027	1.8260	17.686	10.658

Elem	Ni2316	Ag3280	Na5889	V_2924	Zn2062	220351	220352
Avge	12.277	2.6505	2.1684	8.9728	1.4644	59.936	75.077
SDev	.038	.0391	.0071	.0205	.0020	.049	.169
%RSD	.30756	1.4753	.32935	.22814	.13520	.08117	.22576
#1	12.251	2.6782	2.1634	8.9584	1.4630	59.970	74.957
#2	12.304	2.6229	2.1734	8.9873	1.4658	59.902	75.197

Elem	196021	196022	K_7664
Avge	1.7287	2.7776	4.2074
SDev	.0046	.0134	.0147
%RSD	.26587	.48369	.34957
#1	1.7320	2.7681	4.1970
#2	1.7255	2.7871	4.2178

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SJ
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Analysis Report QC Standard 10/23/06 10:04:47 AM page 1

Method: ILMO53_ Sample Name: ICV Operator: BF
Run Time: 10/23/06 10:03:11
Comment: ICV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0274	1.1038	1.0593	1.0608	1.0353	2.5053	.53147
SDev	.0073	.0174	.0044	.0102	.0141	.0040	.00008
%RSD	.71136	1.5808	.41084	.96010	1.3627	.15809	.01565
#1	1.0326	1.0914	1.0562	1.0680	1.0253	2.5025	.53141
#2	1.0223	1.1161	1.0624	1.0536	1.0453	2.5081	.53152

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51446	.52622	10.413	.50795	.52037	.49276	5.2806
SDev	.00037	.00005	.010	.00137	.00125	.00021	.0001
%RSD	.07167	.01004	.09345	.27045	.24067	.04189	.00265
#1	.51419	.52618	10.406	.50698	.51948	.49261	5.2807
#2	.51472	.52626	10.420	.50892	.52125	.49290	5.2805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52450	6.1422	.52370	.46818	9.4130	.51612	1.0686
SDev	.00030	.0139	.00063	.00207	.0016	.00083	.0005
%RSD	.05721	.22704	.12086	.44233	.01727	.16090	.04513
#1	.52429	6.1323	.52414	.46671	9.4118	.51553	1.0683
#2	.52471	6.1520	.52325	.46964	9.4141	.51671	1.0690

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.0614	1.0583	1.0610	1.0606	9.2286
SDev	.0037	.0047	.0209	.0048	.0272
%RSD	.34836	.44211	1.9684	.45651	.29456
#1	1.0588	1.0550	1.0758	1.0641	9.2094
#2	1.0640	1.0616	1.0462	1.0572	9.2479

Analysis Report QC Standard 10/23/06 10:09:20 AM page 1

Method: ILMO53_ Sample Name: ICB Operator: BF
Run Time: 10/23/06 10:07:45
Comment: ICB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	-.00247	.00157	.00096	.00285	-.00139	.00069
SDev	.00199	.00914	.00096	.00258	.00101	.00486	.00009
%RSD	68.431	369.63	61.164	268.90	35.406	350.12	13.540
#1	.00150	.00399	.00224	-.00086	.00357	-.00483	.00063
#2	.00432	-.00894	.00089	.00278	.00214	.00205	.00076

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00027	.01844	.00009	.00066	-.00010	-.00793
SDev	.00000	.00000	.00311	.00006	.00000	.00041	.00453
%RSD	.07413	.11942	16.886	64.648	.00035	422.76	57.117
#1	.00010	.00027	.01624	.00005	.00066	-.00038	-.00473
#2	.00010	.00027	.02064	.00012	.00066	.00019	-.01113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.00282	-.00028	.00202	.00633	.00006	-.00171
SDev	.00000	.00465	.00089	.00006	.00244	.00010	.00024
%RSD	.19440	164.99	313.47	3.1940	38.569	176.23	14.137
#1	.00028	-.00610	.00035	.00198	.00460	-.00001	-.00188
#2	.00028	.00047	-.00092	.00207	.00805	.00013	-.00154

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00417	.00027	.00000	.00144	-.02216
SDev	.00045	.00121	.00246	.00509	.03216
%RSD	10.854	455.74	765550.	354.20	145.14
#1	.00449	.00112	.00174	-.00216	.00058
#2	.00385	-.00059	-.00174	.00504	-.04490

Analysis Report QC Standard 10/23/06 10:24:53 AM page 1

Method: ILMO53_ Sample Name: CRI Operator: BF
Run Time: 10/23/06 10:20:22
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00943	.02798	.01065	.03364	.05893	.19571	.20887
SDev	.00266	.00352	.00065	.00589	.00554	.00447	.00050
%RSD	28.226	12.568	6.1535	17.499	9.4031	2.2816	.23903
#1	.00754	.02549	.01111	.03781	.06285	.19256	.20923
#2	.01131	.03046	.01018	.02948	.05501	.19887	.20852

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00523	.00557	5.0239	.00995	.05007	.02374	.10321
SDev	.00002	.00024	.0027	.00044	.00125	.00048	.00918
%RSD	.29154	4.4089	.05424	4.3962	2.5013	2.0100	8.8949
#1	.00522	.00539	5.0258	.01026	.05096	.02408	.09672
#2	.00524	.00574	5.0219	.00964	.04919	.02340	.10970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01568	4.9122	.04156	.01243	4.2257	.05058	.06459
SDev	.00008	.0017	.00069	.00026	.0065	.00039	.00097
%RSD	.50341	.03379	1.6612	2.1101	.15397	.77483	1.4977
#1	.01573	4.9110	.04107	.01262	4.2303	.05031	.06528
#2	.01562	4.9134	.04205	.01225	4.2211	.05086	.06391

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01068	.01063	.03064	.03515	3.5970
SDev	.00133	.00032	.00901	.00433	.0181
%RSD	12.458	2.9890	29.409	12.316	.50434
#1	.01163	.01085	.03701	.03821	3.5842
#2	.00974	.01040	.02427	.03209	3.6099

Analysis Report QC Standard 10/23/06 10:52:06 AM page 1

Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/23/06 10:49:58
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00691	-.01702	.00669	-.00106	.00330	241.44	.00236
SDev	.00928	.02397	.00070	.01107	.00607	.25	.00001
%RSD	134.32	140.80	10.413	1044.0	183.74	.10502	.43648
#1	Q.01347	Q-.03397	.00619	.00677	.00760	241.26	.00236
#2	.00035	-.00008	.00718	-.00889	-.00099	241.62	.00237

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00062	240.08	.03778	.00080	-.00158	93.184
SDev	.00002	.00014	.10	.00002	.00000	.00041	.014
%RSD	4.2058	21.989	.04176	.04571	.04022	25.684	.01531
#1	.00037	.00071	240.01	.03777	.00080	-.00129	93.194
#2	.00034	.00052	240.15	.03779	.00080	-.00186	93.174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01924	246.16	.01030	-.00078	.84615	.00022	.02925
SDev	.00010	.11	.00036	.00067	.00080	.00023	.00047
%RSD	.50195	.04490	3.5287	86.344	.09459	106.08	1.6015
#1	.01931	246.08	.01056	-.00030	.84559	.00038	.02958
#2	.01917	246.23	.01005	-.00126	.84672	.00005	.02892

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.04738	.03368	-.00455	.00068	.04971
SDev	.00007	.00108	.02979	.00172	.00490
%RSD	.14890	3.2040	654.11	251.23	9.8666
#1	-.04733	.03292	.01651	.00190	.05318
#2	-.04743	.03444	-.02562	-.00053	.04624

Analysis Report QC Standard 10/23/06 10:54:07 AM page 1

Method: ILMO53_ Sample Name: ICSAB Operator: BF
Run Time: 10/23/06 10:52:34
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10803	.08139	.05466	.04670	.61124	242.26	.50867
SDev	.01030	.00050	.00234	.00238	.01327	.73	.00145
%RSD	9.5322	.61084	4.2895	5.0892	2.1706	.30227	.28605
#1	.10075	.08104	.05631	.04502	.62062	242.78	.50970
#2	.11532	.08174	.05300	.04839	.60186	241.74	.50765

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48398	.94424	241.90	.50338	.45854	.48013	94.594
SDev	.00081	.00132	.57	.00077	.00121	.00097	.183
%RSD	.16777	.13942	.23728	.15288	.26420	.20267	.19344
#1	.48456	.94517	242.31	.50393	.45939	.48082	94.723
#2	.48341	.94330	241.50	.50284	.45768	.47944	94.464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50828	247.86	.94647	.20686	.86709	.48347	.96296
SDev	.00106	.34	.00173	.00163	.00320	.00081	.00091
%RSD	.20907	.13896	.18308	.78650	.36925	.16678	.09435
#1	.50903	248.11	.94770	.20571	.86936	.48404	.96360
#2	.50753	247.62	.94525	.20801	.86483	.48290	.96231

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00203	.08296	.04186	.04912	.05664
SDev	.00383	.00160	.01609	.00447	.03924
%RSD	188.67	1.9332	38.438	9.0985	69.268
#1	.00068	.08409	.03048	.05228	.02890
#2	-.00474	.08182	.05324	.04596	.08439

Analysis Report QC Standard 10/23/06 10:56:04 AM page 1

Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 10:54:29
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0469	5.0267	5.0700	5.0568	4.9805	9.8366	10.247
SDev	.0059	.0129	.0085	.0051	.0107	.0317	.026
%RSD	.11750	.25648	.16770	.10022	.21402	.32203	.24905
#1	5.0511	5.0175	5.0640	5.0533	4.9881	9.8590	10.265
#2	5.0427	5.0358	5.0760	5.0604	4.9730	9.8142	10.229

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25101	2.5496	24.989	1.0067	2.5235	1.2425	5.0565
SDev	.00030	.0038	.049	.0013	.0009	.0031	.0138
%RSD	.11946	.14973	.19523	.12799	.03521	.24884	.27205
#1	.25122	2.5523	25.023	1.0076	2.5242	1.2447	5.0662
#2	.25080	2.5469	24.954	1.0058	2.5229	1.2403	5.0468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5408	24.855	2.5368	1.2974	24.901	2.5100	2.5631
SDev	.0039	.021	.0036	.0017	.091	.0033	.0012
%RSD	.15205	.08531	.14012	.13401	.36644	.12978	.04519
#1	2.5435	24.870	2.5393	1.2986	24.966	2.5123	2.5639
#2	2.5381	24.840	2.5342	1.2961	24.837	2.5077	2.5623

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.0897	5.0602	5.0863	5.0421	23.949
SDev	.0158	.0049	.0682	.0265	.201
%RSD	.30979	.09636	1.3412	.52476	.84087
#1	5.0785	5.0567	5.0380	5.0609	24.091
#2	5.1008	5.0636	5.1345	5.0234	23.807

Analysis Report QC Standard 10/23/06 10:59:06 AM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 10:56:30
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00574	-.00030	.00103	-.00371	.00418	-.02510	.00121
SDev	.00438	.01473	.00140	.01081	.00771	.00039	.00020
%RSD	76.340	4943.9	135.51	291.05	184.50	1.5521	16.187
#1	.00884	-.01071	.00004	-.01136	.00962	-.02482	.00135
#2	.00264	.01012	.00202	.00393	-.00127	-.02537	.00107

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00016	.02506	.00017	.00043	.00114	-.01101
SDev	.00000	.00012	.00191	.00045	.00000	.00020	.00159
%RSD	5.7150	75.677	7.6033	256.65	.08294	17.718	14.417
#1	.00007	.00024	.02372	.00049	.00043	.00128	-.00988
#2	.00006	.00007	.02641	-.00014	.00043	.00100	-.01213

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	-.02226	-.00051	.00042	.00849	.00043	.00033
SDev	.00006	.00514	.00014	.00007	.00080	.00017	.00000
%RSD	12.138	23.089	27.217	15.735	9.4281	40.056	.14085
#1	.00044	-.01863	-.00061	.00037	.00906	.00056	.00033
#2	.00052	-.02590	-.00042	.00046	.00792	.00031	.00033

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00310	-.00000	-.02051	.00467	-.00173
SDev	.00017	.00218	.01921	.00661	.00082
%RSD	5.5238	375400.	93.645	141.54	47.142
#1	.00322	-.00154	-.03409	-.00000	-.00116
#2	.00298	.00154	-.00693	.00935	-.00231

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Method: ILMO53_ Sample Name: PB22263BL Operator: BF
Run Time: 10/23/06 10:59:38
Comment: PBS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00401	-.01015	-.00021	-.01562	-.00556	-.03067	.00104
SDev	.00064	.00167	.00019	.00203	.00049	.00310	.00005
%RSD	16.079	16.493	92.818	12.970	8.8868	10.100	4.9796
#1	.00446	-.00897	-.00035	-.01705	-.00591	-.02848	.00107
#2	.00355	-.01134	-.00007	-.01419	-.00521	-.03286	.00100

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00024	.02533	-.00016	.00065	.00047	-.02366
SDev	.00000	.00010	.00229	.00006	.00030	.00034	.00037
%RSD	9.2920	42.121	9.0269	40.064	47.156	71.269	1.5631
#1	.00005	.00017	.02695	-.00011	.00086	.00071	-.02340
#2	.00004	.00032	.02372	-.00020	.00043	.00023	-.02392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.03408	.00008	-.00025	.00396	.00026	-.00065
SDev	.00002	.00193	.00008	.00087	.00240	.00023	.00000
%RSD	4.9259	5.6568	105.21	346.75	60.609	89.416	.01841
#1	.00041	-.03271	.00002	.00036	.00566	.00009	-.00065
#2	.00038	-.03544	.00014	-.00086	.00226	.00042	-.00065

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00163	.00050	-.02051	-.01317	-.04508
SDev	.00320	.00189	.00118	.00245	.02452
%RSD	196.81	379.45	5.7333	18.595	54.393
#1	.00064	-.00084	-.02134	-.01491	-.02774
#2	-.00389	.00183	-.01968	-.01144	-.06242

Analysis Report QC Standard 10/23/06 11:07:26 AM

Method: ILMO53_ Sample Name: PB22263BS Operator: BF
Run Time: 10/23/06 11:05:15
Comment: LCSS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6350	.09743	.59377	.10359	.79109	.99008	.01738
SDev	.0016	.00132	.00078	.00074	.00112	.00801	.00005
%RSD	.05918	1.3556	.13076	.71746	.14110	.80952	.29685
#1	2.6361	.09650	.59432	.10306	.79188	.99575	.01742
#2	2.6339	.09836	.59322	.10411	.79030	.98441	.01734

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05060	.11202	501.22	.32254	.38347	17.524	69.015
SDev	.00011	.00021	1.93	.00089	.00121	.065	.210
%RSD	.21624	.18435	.38537	.27748	.31608	.37026	.30442
#1	.05068	.11216	502.58	.32317	.38433	17.570	69.164
#2	.05053	.11187	499.85	.32190	.38262	17.478	68.867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65289	305.42	.17297	.08299	1.3035	.18512	.47560
SDev	.00176	.87	.00114	.00026	.0040	.00023	.00228
%RSD	.26979	.28551	.66170	.31192	.30704	.12561	.47878
#1	.65414	306.04	.17378	.08317	1.3063	.18529	.47721
#2	.65165	304.80	.17216	.08280	1.3006	.18496	.47399

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.58933	.59599	.08928	.11073	.30807
SDev	.00338	.00052	.00629	.00203	.02861
%RSD	.57308	.08760	7.0486	1.8309	9.2866
#1	.59172	.59562	.08483	.11217	.28784
#2	.58694	.59636	.09373	.10930	.32830

Analysis Report

10/23/06 11:10:49 AM

Method: ILMO53_ Sample Name: X4805-01
Run Time: 10/23/06 11:08:33 Operator: BF
Comment: MH1PP2
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23455	.00268	8.6069	.00355	.46731	5.2027	.29423
SDev	.00129	.00894	.0136	.01206	.00344	.0261	.00073
%RSD	.55060	334.12	.15748	339.69	.73663	.50141	.24902
#1	.23547	.00900	8.6165	.01208	.46974	5.2212	.29475
#2	.23364	-.00365	8.5973	-.00498	.46487	5.1843	.29371

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.08864	20.284	.02927	.00476	.91643	14.372
SDev	.00001	.00020	.103	.00009	.00030	.00806	.049
%RSD	1.6229	.22679	.50920	.29450	6.3603	.87998	.34236
#1	.00045	.08878	20.357	.02933	.00497	.92213	14.407
#2	.00044	.08850	20.211	.02921	.00454	.91072	14.337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66362	3.9460	.01610	.07270	1.6804	.01686	10.250
SDev	.00145	.0209	.00028	.00123	.0120	.00046	.029
%RSD	.21836	.52924	1.7342	1.6887	.71449	2.7257	.28063
#1	.66464	3.9608	.01630	.07357	1.6889	.01719	10.270
#2	.66259	3.9312	.01590	.07184	1.6719	.01654	10.229

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	8.6058	8.6075	-.00427	.00746	.57453
SDev	.0079	.0164	.00823	.01398	.03760
%RSD	.09170	.19031	192.57	187.47	6.5447
#1	8.6113	8.6191	.00154	.01734	.60111
#2	8.6002	8.5959	-.01009	-.00243	.54794

Analysis Report 10/23/06 11:13:24 AM

Method: ILMO53_ Sample Name: X4805-02 Operator: BF
Run Time: 10/23/06 11:11:08
Comment: MH1PP3
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1410	-.01983	1.3120	-.00196	.13729	1.1726	.12061
SDev	.0010	.00706	.0085	.00269	.00377	.0027	.00014
%RSD	.09014	35.621	.64698	137.22	2.7489	.23162	.11979
#1	1.1403	-.02482	1.3180	-.00006	.13462	1.1746	.12071
#2	1.1417	-.01483	1.3060	-.00387	.13996	1.1707	.12051

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00205	12.238	.04573	.00026	.07601	56.480
SDev	.00000	00026	.032	.00017	.00000	.00202	.046
%RSD	9.8601	12.626	.26473	.37005	.45159	2.6599	.08225
#1	.00004	.00187	12.260	.04561	.00026	.07744	56.513
#2	.00003	.00223	12.215	.04585	.00026	.07458	56.447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10814	1.0330	.01479	.00458	.45392	.04460	.84736
SDev	.00024	.0029	.00017	.00029	.00160	.00038	.00186
%RSD	.22157	.27992	1.1304	6.4230	.35267	.85695	.21888
#1	.10831	1.0351	.01491	.00479	.45279	.04487	.84868
#2	.10797	1.0310	.01467	.00437	.45505	.04433	.84605

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.3097	1.3131	-.00786	.00098	.38205
SDev	.0091	.0082	.01059	.00932	.00245
%RSD	.69591	.62261	134.77	952.18	.64184
#1	1.3161	1.3189	-.01534	.00757	.38379
#2	1.3032	1.3073	-.00037	-.00561	.38032

Analysis Report 10/23/06 11:16:06 AM

Method: ILMO53_ Sample Name: X4805-03 Operator: BF
Run Time: 10/23/06 11:13:43
Comment: MH1PP4
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1379	-.01141	21.107	.00235	.50856	6.5658	.66602
SDev	.0051	.01972	.098	.00378	.01023	.0562	.00502
%RSD	.44817	172.85	.46374	161.05	2.0112	.85550	.75303
#1	1.1343	.00254	21.177	.00502	.51579	6.6055	.66957
#2	1.1415	-.02535	21.038	-.00033	.50133	6.5261	.66247

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.57985	86.628	.17993	.13417	1.2267	140.21
SDev	.00001	.00421	.597	.00148	.00119	.0098	.96
%RSD	1.5077	.72595	.68896	.82537	.88663	.79598	.68301
#1	.00049	.58283	87.050	.18098	.13501	1.2336	140.89
#2	.00048	.57688	86.206	.17888	.13333	1.2198	139.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.795	26.666	.08901	.09940	1.1082	.04141	H82.704
SDev	.217	.150	.00077	.00033	.0096	.00023	.315
%RSD	.57435	.56147	.86359	.33124	.86673	.56618	.38144
#1	37.949	26.772	.08956	.09964	1.1150	.04157	H82.927
#2	37.642	26.560	.08847	.09917	1.1014	.04124	H82.481

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	21.089	21.117	-.01538	.01120	1.1363
SDev	.107	.093	.00583	.00858	.0114
%RSD	.50752	.44192	37.895	76.588	1.0071
#1	21.164	21.183	-.01951	.01727	1.1444
#2	21.013	21.051	-.01126	.00513	1.1282

Analysis Report 10/23/06 11:19:00 AM

Method: ILMO53_ Sample Name: X4805-04 Operator: BF
Run Time: 10/23/06 11:16:27
Comment: MH1PP5
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3220	.01274	20.293	.03145	.69595	11.332	.29588
SDev	.0159	.01306	.069	.00387	.00202	.035	.00090
%RSD	1.2010	102.49	.34093	12.296	.29007	.30526	.30344
#1	1.3333	.00351	20.342	.02872	.69452	11.357	.29651
#2	1.3108	.02197	20.244	.03419	.69737	11.308	.29524

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.54377	58.002	.04852	.04830	1.3117	165.78
SDev	.00000	.00182	.197	.00032	.00123	.0036	.50
%RSD	.01534	.33499	.33972	.64995	2.5467	.27758	.30309
#1	.00058	.54505	58.142	.04874	.04743	1.3143	166.13
#2	.00058	.54248	57.863	.04830	.04917	1.3091	165.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6766	23.667	.03364	.14140	1.1824	.04483	H78.377
SDev	.0099	.051	.00055	.00043	.0024	.00012	.141
%RSD	.26844	.21449	1.6391	.30625	.20309	.25842	.18053
#1	3.6836	23.703	.03403	.14109	1.1840	.04491	H78.477
#2	3.6696	23.631	.03325	.14170	1.1807	.04475	H78.277

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	20.277	20.300	.01162	.04136	1.6958
SDev	.064	.136	.00750	.00205	.0245
%RSD	.31409	.66757	64.590	4.9618	1.4460
#1	20.232	20.396	.00631	.03991	1.7132
#2	20.322	20.205	.01692	.04281	1.6785

Analysis Report 10/23/06 11:21:34 AM

Method: ILMO53_ Sample Name: X4805-05 Operator: BF
Run Time: 10/23/06 11:19:19
Comment: MH1PP6
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1722	-.01060	17.459	.00660	.50892	3.9869	.16782
SDev	.0001	.00555	.062	.00006	.00639	.0039	.00006
%RSD	.01115	52.323	.35377	.89363	1.2566	.09731	.03690
#1	1.1723	-.00668	17.502	.00656	.50439	3.9841	.16778
#2	1.1721	-.01452	17.415	.00664	.51344	3.9896	.16787

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.21671	197.79	.05151	.01655	.79203	84.727
SDev	.00002	.00057	.08	.00053	.00091	.00034	.046
%RSD	3.8956	.26113	.04085	1.0361	5.5220	.04315	.05401
#1	.00038	.21631	197.85	.05113	.01590	.79228	84.759
#2	.00040	.21711	197.74	.05189	.01720	.79179	84.694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.814	50.621	.02400	.08621	1.2214	.02174	41.288
SDev	.002	.006	.00006	.00250	.0048	.00006	.004
%RSD	.01292	.01206	.23738	2.9035	.39320	.27204	.00899
#1	11.816	50.616	.02396	.08444	1.2180	.02169	41.291
#2	11.813	50.625	.02404	.08798	1.2248	.02178	41.286

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	17.400	17.488	-.00012	.00996	.84272
SDev	.085	.050	.00078	.00048	.00490
%RSD	.48725	.28745	624.76	4.7887	.58198
#1	17.460	17.523	.00043	.00962	.84618
#2	17.340	17.452	-.00067	.01030	.83925

Analysis Report 10/23/06 11:23:56 AM

Method: ILMO53_ Sample Name: X4805-06 Operator: BF
Run Time: 10/23/06 11:21:47
Comment: MH1PP7
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77344	-.00467	12.957	-.00303	.46431	8.8294	.31573
SDev	.01365	.00282	.078	.00394	.00002	.0422	.00126
%RSD	1.7647	60.382	.59895	129.97	.00346	.47813	.39876
#1	.76379	-.00267	13.012	-.00025	.46430	8.8592	.31662
#2	.78310	-.00666	12.902	-.00581	.46432	8.7995	.31484

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.16621	174.24	.08627	.00978	1.0148	46.176
SDev	.00000	.00060	.80	.00005	.00001	.0043	.189
%RSD	1.1055	.36099	.45673	.05726	.05758	.42653	.40934
#1	.00035	.16663	174.80	.08624	.00977	1.0178	46.310
#2	.00034	.16578	173.67	.08631	.00978	1.0117	46.043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3223	12.133	.03115	.09933	1.4874	.02473	33.110
SDev	.0139	.041	.00011	.00016	.0096	.00004	.117
%RSD	.41980	.33631	.34972	.15691	.64576	.15541	.35381
#1	3.3322	12.162	.03122	.09922	1.4942	.02470	33.193
#2	3.3125	12.104	.03107	.09944	1.4806	.02476	33.028

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	12.910	12.981	-.01354	.00222	.99299
SDev	.050	.092	.00585	.00298	.02125
%RSD	.38362	.70586	43.174	134.33	2.1403
#1	12.945	13.046	-.00941	.00433	1.0080
#2	12.875	12.916	-.01768	.00011	.97797

Analysis Report 10/23/06 11:26:17 AM page 1

Method: ILMO53_ Sample Name: X4805-07 Operator: BF
Run Time: 10/23/06 11:24:06
Comment: MH1PP8
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65988	.00781	17.691	.03199	.52147	8.1181	.36808
SDev	.00220	.02111	.096	.01049	.00674	.0012	.00064
%RSD	.33381	270.38	.54515	32.783	1.2932	.01435	.17383
#1	.66143	-.00712	17.760	.03941	.51670	8.1173	.36854
#2	.65832	.02273	17.623	.02457	.52623	8.1189	.36763

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.60629	67.359	.14674	.03242	1.2720	105.40
SDev	.00002	.00009	.162	.00016	.00061	.0021	.22
%RSD	3.5259	.01420	.23990	.11067	1.8957	.16650	.21141
#1	.00063	.60635	67.473	.14663	.03198	1.2735	105.56
#2	.00066	.60623	67.244	.14686	.03285	1.2705	105.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9705	17.333	.04640	.09763	1.0165	.03344	44.620
SDev	.0061	.021	.00112	.00027	.0032	.00010	.049
%RSD	.15440	.12048	2.4050	.27359	.31497	.28460	.10917
#1	3.9748	17.348	.04718	.09744	1.0188	.03351	44.655
#2	3.9662	17.318	.04561	.09781	1.0143	.03337	44.586

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	17.671	17.702	.02625	.03486	1.0785
SDev	.114	.088	.01173	.00987	.0082
%RSD	.64425	.49576	44.704	28.302	.75789
#1	17.751	17.764	.03454	.04183	1.0843
#2	17.590	17.640	.01795	.02788	1.0728

Analysis Report 10/23/06 11:34:25 AM

Method: ILMO53_ Sample Name: X4805-08 Operator: BF
Run Time: 10/23/06 11:32:10
Comment: MH1PP9
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75912	.00319	8.6241	.00815	.24200	6.0314	.28964
SDev	.01409	.00259	.0733	.00648	.00548	.0640	.00357
%RSD	1.8562	81.102	.84956	79.493	2.2648	1.0618	1.2327
#1	.76908	.00136	8.6759	.00357	.24588	6.0767	.29217
#2	.74915	.00502	8.5723	.01273	.23813	5.9861	.28712

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.23774	18.658	.19248	.04774	.54574	69.656
SDev	.00001	.00255	.224	.00183	.00089	.00664	.763
%RSD	2.3535	1.0739	1.1991	.95202	1.8667	1.2172	1.0955
#1	.00049	.23954	18.816	.19378	.04837	.55044	70.196
#2	.00047	.23593	18.499	.19119	.04711	.54104	69.117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9155	6.0968	.08986	.04992	1.1297	.02191	26.407
SDev	.0454	.0694	.00169	.00165	.0160	.00004	.273
%RSD	1.1604	1.1383	1.8867	3.2992	1.4170	.20167	1.0330
#1	3.9476	6.1459	.09106	.05108	1.1410	.02194	26.600
#2	3.8834	6.0477	.08866	.04875	1.1184	.02188	26.214

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	8.6136	8.6294	-.00327	.01385	1.2456
SDev	.0924	.0637	.00953	.00496	.0041
%RSD	1.0723	.73855	291.50	35.785	.32812
#1	8.6789	8.6744	-.01001	.01035	1.2485
#2	8.5483	8.5843	.00347	.01736	1.2427

Analysis Report QC Standard 10/23/06 11:36:51 AM page 1

Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 11:34:38
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1531	5.1203	5.1597	5.2170	5.0662	9.9454	10.371
SDev	.0076	.0390	.0175	.0001	.0049	.0196	.020
%RSD	.14762	.76154	.33948	.00123	.09704	.19693	.19582
#1	5.1585	5.1478	5.1721	5.2169	5.0697	9.9593	10.386
#2	5.1477	5.0927	5.1473	5.2170	5.0627	9.9316	10.357

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25622	2.6043	25.339	1.0270	2.5505	1.2687	5.1803
SDev	.00044	.0029	.057	.0016	.0052	.0028	.0308
%RSD	.16972	.11251	.22561	.15905	.20206	.21808	.59394
#1	.25653	2.6063	25.380	1.0282	2.5542	1.2707	5.2021
#2	.25592	2.6022	25.299	1.0259	2.5469	1.2668	5.1586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5790	25.434	2.5813	1.3112	25.196	2.5685	2.6306
SDev	.0061	.041	.0059	.0011	.068	.0047	.0132
%RSD	.23681	.16169	.22883	.08257	.27003	.18126	.50254
#1	2.5833	25.463	2.5854	1.3119	25.244	2.5718	2.6400
#2	2.5747	25.405	2.5771	1.3104	25.148	2.5653	2.6213

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1738	5.1526	5.2528	5.1991	23.226
SDev	.0031	.0247	.0090	.0044	.046
%RSD	.06048	.47935	.17189	.08485	.19708
#1	5.1760	5.1701	5.2464	5.2022	23.259
#2	5.1716	5.1352	5.2592	5.1960	23.194

Analysis Report QC Standard 10/23/06 11:39:08 AM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 11:36:59
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00255	-.00922	.00152	-.00178	.00952	-.03915	.00161
SDev	.00322	.00128	.00064	.01095	.00607	.00270	.00016
%RSD	126.28	13.919	42.405	615.58	63.807	6.9051	10.239
#1	.00027	-.00831	.00198	.00596	.01381	-.04107	.00173
#2	.00483	-.01012	.00107	-.00952	.00522	-.03724	.00150

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00059	-.08031	.00024	-.00000	.00802	-.00844
SDev	.00000	.00009	.00229	.00016	.00000	.00081	.00438
%RSD	.51834	14.362	2.8474	66.668	7.2330	10.034	51.843
#1	.00009	.00053	-.08193	.00036	-.00000	.00859	-.01154
#2	.00009	.00065	-.07869	.00013	-.00000	.00745	-.00535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.03544	.00059	-.00062	.00962	.00073	.00771
SDev	.00000	.00578	.00036	.00100	.00560	.00059	.00023
%RSD	.04272	16.318	61.257	161.32	58.232	81.171	3.0112
#1	.00165	-.03135	.00034	.00009	.01358	.00115	.00755
#2	.00165	-.03953	.00085	-.00132	.00566	.00031	.00788

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.00192	-.01053	.00259	.01272
SDev	.00030	.00082	.00196	.01543	.00654
%RSD	41.467	42.582	18.606	595.11	51.426
#1	.00094	.00250	-.00915	.01351	.00809
#2	.00051	.00134	-.01192	-.00832	.01734

Analysis Report 10/23/06 11:42:06 AM

Method: ILMO53_ Sample Name: X4805-09 Operator: BF
Run Time: 10/23/06 11:39:39
Comment: MH1PQ0
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79768	.00372	21.315	.05229	.84318	4.3891	.18387
SDev	.01099	.00448	.026	.00452	.00470	.0276	.00057
%RSD	1.3774	120.47	.12290	8.6414	.55750	.62967	.30868
#1	.80545	.00055	21.334	.04910	.84650	4.4086	.18427
#2	.78991	.00688	21.297	.05549	.83985	4.3696	.18347

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.42004	194.21	.05003	.04672	1.4071	201.04
SDev	.00000	.00176	.60	.00031	.00059	.0039	.60
%RSD	.07207	.41978	.31124	.62026	1.2711	.27452	.30041
#1	.00041	.42129	194.64	.05025	.04714	1.4099	201.47
#2	.00041	.41880	193.79	.04981	.04630	1.4044	200.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.0681	60.953	.03147	.14718	.60391	.02302	H57.180
SDev	.0225	.173	.00026	.00116	.00400	.00038	.150
%RSD	.27908	.28306	.83058	.78588	.66271	1.6672	.26164
#1	8.0840	61.075	.03129	.14800	.60674	.02329	H57.286
#2	8.0522	60.831	.03166	.14636	.60108	.02275	H57.074

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	21.293	21.326	.05100	.05294	1.1756
SDev	.046	.016	.00753	.00302	.0131
%RSD	.21514	.07692	14.760	5.6985	1.1125
#1	21.326	21.337	.04568	.05081	1.1849
#2	21.261	21.314	.05633	.05507	1.1664

Analysis Report 10/23/06 11:44:27 AM

Method: ILMO53_ Sample Name: X4805-10 Operator: BF
Run Time: 10/23/06 11:42:11
Comment: MH1PQ1
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16454	.00045	1.3798	-.00705	.04323	6.6849	.19916
SDev	.00117	.00307	.0102	.00645	.00603	.0253	.00092
%RSD	.71242	678.98	.74242	91.467	13.944	.37860	.46115
#1	.16537	-.00172	1.3870	-.01160	.04749	6.7028	.19981
#2	.16371	.00263	1.3725	-.00249	.03896	6.6670	.19852

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.02936	13.979	.40433	.01218	.13174	36.000
SDev	.00001	.00015	.072	.00166	.00060	.00090	.186
%RSD	3.0223	.51001	.51531	.40977	4.9484	.68722	.51604
#1	.00037	.02926	14.029	.40550	.01261	.13238	36.131
#2	.00039	.02947	13.928	.40316	.01176	.13110	35.868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5951	3.8113	.13878	.01107	.47203	.01630	4.4134
SDev	.0119	.0174	.00123	.00042	.00320	.00010	.0283
%RSD	.46004	.45522	.88540	3.8265	.67828	.61992	.64115
#1	2.6035	3.8236	.13965	.01077	.47430	.01637	4.4334
#2	2.5866	3.7990	.13791	.01137	.46977	.01623	4.3934

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.3759	1.3817	-.01262	-.00427	1.2889
SDev	.0061	.0123	.01257	.00339	.0033
%RSD	.44280	.89138	99.675	79.351	.25367
#1	1.3802	1.3904	-.02151	-.00666	1.2912
#2	1.3716	1.3730	-.00372	-.00187	1.2866

Project Code	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab

CLP #: MI1PR2
Location: LSC-SD-027
Tag #: [illegible]48144
Case #: [illegible]5810
Analysis: CLP TAL Total Metals
Sampler: Mo Stam
Sample Date/Time: 10/3/2006 16:[illegible]
Composite/Grab: Grab Preservative: Ice Only

Preservative:
Yes ☐ No ☐

Sample No.

[illegible]

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII
999 18TH STREET
Denver, Colorado 80202-2405

R8EPA-014A (7-89)

EPA

Project Code | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab

Station L

Tag No. 8-248146

Lab Sample No.

CLP #: MH1PR4
Location: LSC-SD-042
Tag #: 8248146
Case No.: 35810
Analysis: CLP TAL Total Metals
Sampler: Mo Slam
Sample Date/Time: 10/3/2006 15:45
Composite/Grab: Grab Preservative: Ice Only

Preservative: Yes ☐ No ☐

Project Code | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab

Station

Tag No. 8-248144

Lab Sample No.

CLP #: MH1PR2
Location: LSC-SD-027
Tag #: 8248144
Case No.: 35810
Analysis: CLP TAL Total Metals
Sampler: Mo Slam
Sample Date/Time: 10/3/2006 16:59
Composite/Grab: Grab Preservative: Ice Only

Preservative: Yes ☐ No ☐

Project Code | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab

Statio

Tag No. 8-248187

Lab Sample No.

CLP #: MH1PT5
Location: LSC-SW-027
Tag #: 8248187
Case No.: 35810
Analysis: CLP TAL Total Metals
Sampler: Joseph Katz
Sample Date/Time: 10/3/2006 16:59
Composite/Grab: Grab Preservative: HNO3

Preservative: Yes ☐ No ☐

Project Code | Station No. | Month/Day/Year | Time | Designate: Grab

Station

Tag No. 8-248145

Lab Sample No.

CLP #: MH1PR3
Location: LSC-SD-028
Tag #: 8248145
Case No.: 35810
Analysis: CLP TAL Total Metals
Sampler: Mo Slam
Sample Date/Time: 10/3/2006 17:10
Composite/Grab: Grab Preservative: Ice Only

Preservative: Yes ☐ No ☐

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R8EPA-014A (7-89)

Project Code | Station No. | Month/Day/Year | Time | Designate: Grab

Tag No. 8-248190

Lab Sample No.

CLP #: MH1PT6
Location: LSC-SW-028
Tag #: 8248190
Case No.: 35810
Analysis: CLP TAL Dissolved Metals
Sampler: Chad Gilgen
Sample Date/Time: 10/3/2006 17:10
Composite/Grab: Grab Preservative: HNO3

Preservative: Yes ☐ No ☐

Project Code | Station No. | Month/Day/Year | Time | Designate: Comp | Grab

Tag No. 8-248188

Lab Sample No.

CLP #: MH1PT5
Location: LSC-SW-027
Tag #: 8248188
Case No.: 35810
Analysis: CLP TAL Dissolved Metals
Sampler: Joseph Katz
Sample Date/Time: 10/3/2006 16:59
Composite/Grab: Grab Preservative: HNO3

Preservative: Yes ☐ No ☐

Project Code | Station No. | Month/Day/Year | Time | Designate: Grab

Tag No. 8-248191

Lab Sample No.

CLP #: MH1PT7
Location: LSC-SW-042
Tag #: 8248191
Case No.: 35810
Analysis: CLP TAL Total Metals
Sampler: Joseph Katz
Sample Date/Time: 10/3/2006 15:45
Composite/Grab: Grab Preservative: HNO3

Preservative: Yes ☐ No ☐

Project Code | Station No. | Month/Day/Year | Time | Designate: Grab

Tag No. 8-248189

Lab Sample No.

CLP #: MH1PT6
Location: LSC-SW-028
Tag #: 8248189
Case No.: 35810
Analysis: CLP TAL Total Metals
Sampler: Chad Gilgen
Sample Date/Time: 10/3/2006 17:10
Composite/Grab: Grab Preservative: HNO3

Preservative: Yes ☐ No ☐

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R8EPA-014A (7-89)

Project Code	Station No.	Month/Day/Year	Time	Designate:
				Grab

Station

Tag No. 8-248192

Lab Sample No.

CLP #: MH1PT7
Location: LSC-SW-042
Tag #: 8248192
Case No.: 35810
Analysis: CLP TAL Dissolved Metals
Sampler: Joseph Katz
Sample Date/Time: 10/3/2006 15:45
Composite/Grab: Grab Preservative: HNO3

Preservative:
Yes ☐ No ☐

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EPA

R8EPA-014A (7-89)

Analysis Report

10/23/06 11:46:55 AM

Method: ILMO53_ Sample Name: X4805-11 Operator: BF
Run Time: 10/23/06 11:44:36
Comment: MH1PQ2
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33420	.03679	4.2456	.00266	.31093	1.1661	.04320
SDev	.00245	.01567	.0143	.01025	.00409	.0075	.00032
%RSD	.73151	42.595	.33571	385.57	1.3142	.64268	.74056
#1	.33247	.04787	4.2557	-.00459	.31382	1.1714	.04342
#2	.33593	.02571	4.2355	.00990	.30804	1.1608	.04297

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.22257	18.480	.02850	.01027	.39940	18.675
SDev	.00000	.00121	.093	.00063	.00061	.00243	.052
%RSD	.08197	.54212	.50529	2.2027	5.9101	.60753	.27608
#1	.00018	.22342	18.546	.02894	.01070	.40111	18.711
#2	.00018	.22171	18.414	.02805	.00984	.39768	18.638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69602	1.3618	.01247	.01096	.82578	.00511	16.970
SDev	.00340	.0109	.00123	.00123	.00400	.00019	.073
%RSD	.48842	.80219	9.8814	11.207	.48465	3.7830	.42786
#1	.69842	1.3695	.01160	.01183	.82861	.00525	17.022
#2	.69362	1.3540	.01334	.01010	.82295	.00498	16.919

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.2458	4.2455	-.01494	.01144	.37454
SDev	.0204	.0112	.01804	.00636	.02616
%RSD	.48032	.26352	120.80	55.569	6.9838
#1	4.2602	4.2534	-.02769	.00695	.35604
#2	4.2314	4.2376	-.00218	.01594	.39304

Analysis Report 10/23/06 11:49:23 AM

Method: ILMO53_ Sample Name: X4805-12 Operator: BF
Run Time: 10/23/06 11:47:06
Comment: MH1PQ3
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80477	.00790	17.441	.00681	.45201	12.329	.37877
SDev	.00053	.00335	.076	.01036	.01392	.032	.00124
%RSD	.06579	42.393	.43581	152.24	3.0804	.26292	.32693
#1	.80514	.01026	17.495	-.00052	.46186	12.352	.37964
#2	.80440	.00553	17.387	.01413	.44217	12.306	.37789

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.16279	40.620	.09998	.05213	2.0263	81.917
SDev	.00000	.00024	.132	.00027	.00030	.0061	.249
%RSD	.48636	.14602	.32465	.26758	.57018	.30027	.30389
#1	.00086	.16296	40.713	.10017	.05234	2.0306	82.093
#2	.00087	.16263	40.526	.09979	.05192	2.0220	81.741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7022	13.929	.04747	.11225	1.3793	.03977	40.064
SDev	.0243	.044	.00020	.00034	.0104	.00057	.078
%RSD	.27935	.31601	.42094	.30647	.75440	1.4458	.19569
#1	8.7194	13.960	.04733	.11249	1.3867	.04018	40.120
#2	8.6850	13.898	.04761	.11201	1.3720	.03936	40.009

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	17.409	17.457	-.00672	.01356	2.2293
SDev	.060	.084	.03220	.00054	.0155
%RSD	.34423	.48140	479.14	3.9638	.69666
#1	17.452	17.516	-.02949	.01394	2.2403
#2	17.367	17.398	.01605	.01318	2.2183

Analysis Report 10/23/06 11:51:52 AM

Method: ILMO53_ Sample Name: X4805-13 Operator: BF
Run Time: 10/23/06 11:49:33
Comment: MH1PQ4
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42895	-.00436	11.295	.00813	.32189	11.629	.39636
SDev	.01175	.00724	.042	.00920	.00373	.104	.00340
%RSD	2.7382	166.25	.37299	113.18	1.1588	.89153	.85658
#1	.43725	.00076	11.325	.01464	.32453	11.702	.39876
#2	.42064	-.00948	11.265	.00162	.31925	11.555	.39396

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.14535	35.976	.06762	.02318	.86025	40.545
SDev	.00002	.00097	.284	.00104	.00001	.00730	.314
%RSD	3.0339	.66459	.78820	1.5314	.04704	.84896	.77372
#1	.00062	.14603	36.176	.06836	.02318	.86541	40.767
#2	.00064	.14467	35.775	.06689	.02319	.85508	40.324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8276	11.787	.03660	.08753	.84842	.03623	23.972
SDev	.0201	.068	.00092	.00198	.00720	.00027	.160
%RSD	.71036	.57785	2.5095	2.2641	.84910	.74879	.66673
#1	2.8418	11.836	.03725	.08893	.85351	.03642	24.085
#2	2.8134	11.739	.03596	.08613	.84332	.03604	23.859

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	11.298	11.294	.00389	.01025	2.1958
SDev	.048	.039	.03288	.00262	.0384
%RSD	.42617	.34644	846.26	25.564	1.7496
#1	11.332	11.321	.02713	.00840	2.2230
#2	11.264	11.266	-.01936	.01210	2.1686

Analysis Report

10/23/06 11:54:36 AM

Method: ILMO53_ Sample Name: X4805-14 Operator: BF
Run Time: 10/23/06 11:52:05
Comment: MH1PQ5
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16784	-.02397	3.7442	-.01614	.05801	21.142	.66165
SDev	.00220	.00039	.0177	.00389	.00445	.141	.00333
%RSD	1.3136	1.6069	.47295	24.114	7.6799	.66868	.50377
#1	.16939	-.02370	3.7567	-.01339	.05486	21.242	.66401
#2	.16628	-.02424	3.7317	-.01889	.06116	21.042	.65929

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	.05777	49.341	.06667	.02282	.41601	54.526
SDev	.00000	.00008	.228	.00024	.00092	.00239	.249
%RSD	.03069	.14574	.46269	.36459	4.0409	.57456	.45679
#1	.00138	.05783	49.503	.06684	.02217	.41770	54.702
#2	.00139	.05771	49.180	.06649	.02347	.41432	54.350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.1704	12.015	.04543	.02707	1.2033	.05129	14.339
SDev	.0308	.053	.00023	.00081	.0112	.00056	.061
%RSD	.42963	.44123	.50228	2.9883	.93128	1.0837	.42381
#1	7.1922	12.052	.04526	.02764	1.2112	.05168	14.382
#2	7.1487	11.977	.04559	.02649	1.1954	.05089	14.296

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	3.7338	3.7494	-.01637	-.01602	4.1176
SDev	.0115	.0208	.00621	.00273	.0262
%RSD	.30876	.55458	37.952	17.056	.63524
#1	3.7419	3.7641	-.01198	-.01409	4.1361
#2	3.7256	3.7347	-.02077	-.01796	4.0991

Analysis Report

10/23/06 11:56:52 AM

Method: ILMO53_ Sample Name: X4805-15
Run Time: 10/23/06 11:54:41 Operator: BF
Comment: MH1PQ6
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37005	.00567	8.5068	.01028	.25615	13.048	.23364
SDev	.00950	.00564	.1456	.00722	.00346	.250	.00446
%RSD	2.5662	99.631	1.7118	70.257	1.3504	1.9185	1.9081
#1	.37676	.00966	8.6097	.00517	.25860	13.225	.23680
#2	.36333	.00167	8.4038	.01539	.25371	12.871	.23049

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00774	.11852	20.568	.03510	.03725	.82106	80.460
SDev	.00015	.00157	.401	.00048	.00026	.01605	1.609
%RSD	1.9538	1.3258	1.9494	1.3719	.70342	1.9547	1.9992
#1	.00784	.11963	20.852	.03544	.03744	.83241	81.597
#2	.00763	.11741	20.284	.03476	.03707	.80971	79.322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92954	6.2560	.07971	.03862	1.6708	.03388	27.531
SDev	.01812	.1231	.00135	.00044	.0336	.00000	.467
%RSD	1.9491	1.9670	1.6884	1.1314	2.0121	.00458	1.6960
#1	.94235	6.3431	.08066	.03831	1.6946	.03388	27.861
#2	.91673	6.1690	.07876	.03893	1.6470	.03388	27.201

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	8.4749	8.5227	-.00898	.01989	1.1265
SDev	.1091	.1639	.01976	.00096	.0106
%RSD	1.2868	1.9228	220.04	4.8292	.94329
#1	8.5520	8.6386	-.02296	.01922	1.1340
#2	8.3977	8.4068	.00499	.02057	1.1190

Analysis Report QC Standard 10/23/06 12:01:39 PM

Method: ILMO53_ Sample Name: CRI Operator: BF
Run Time: 10/23/06 11:57:36
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01196	.02128	.01357	.03202	.07363	.15097	.21153
SDev	.00129	.00125	.00067	.01466	.00377	.00040	.00023
%RSD	10.782	5.8956	4.9325	45.796	5.1222	.26539	.10732
#1	.01105	.02039	.01405	Q.02165	.07096	.15125	.21169
#2	.01287	.02216	.01310	.04239	.07629	.15068	.21137

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00533	.00546	4.9040	.01048	.05080	.03077	.10319
SDev	.00002	.00019	.0095	.00002	.00091	.00114	.01082
%RSD	.27463	3.4520	.19429	.22357	1.7974	3.7078	10.489
#1	.00534	.00559	4.9108	.01050	.05144	.03158	.09554
#2	.00532	.00532	4.8973	.01046	.05015	.02997	.11085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01705	4.9531	.04189	.01277	4.2500	.05258	.07409
SDev	.00017	.0071	.00014	.00027	.0168	.00061	.00070
%RSD	1.0211	.14270	.33512	2.1367	.39551	1.1649	.93926
#1	.01717	4.9581	.04199	.01258	4.2619	.05301	.07458
#2	.01692	4.9481	.04179	.01296	4.2381	.05215	.07360

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01369	.01352	.03542	.03033	3.5755
SDev	.00064	.00068	.02391	.01005	.0180
%RSD	4.6953	5.0524	67.509	33.135	.50296
#1	.01414	.01400	.01851	.02322	3.5882
#2	.01323	.01303	.05233	.03743	3.5628

Analysis Report QC Standard 10/23/06 12:04:24 PM

Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/23/06 12:02:12
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00581	-.01984	.00764	-.01681	-.00211	242.33	.00269
SDev	.00413	.01116	.00116	.00288	.01200	.17	.00027
%RSD	71.070	56.268	15.250	17.148	569.81	.06910	9.9646
#1	.00873	Q-.02773	.00681	-.01477	-.01059	242.45	.00288
#2	.00289	-.01194	.00846	-.01885	.00638	242.21	.00250

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00018	242.83	.03858	.00158	.00481	96.435
SDev	.00003	.00011	.32	.00047	.00061	.00170	.115
%RSD	6.9567	63.254	.13074	1.2266	38.238	35.283	.11897
#1	.00045	.00025	243.05	.03891	.00201	.00602	96.516
#2	.00041	.00010	242.60	.03824	.00116	.00361	96.353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02118	252.59	.01063	.00093	.85577	.00031	.03497
SDev	.00032	.24	.00073	.00227	.00800	.00033	.00164
%RSD	1.5295	.09464	6.8308	242.75	.93533	104.18	4.6818
#1	.02141	252.76	.01114	.00254	.86143	.00054	.03381
#2	.02095	252.43	.01012	-.00067	.85011	.00008	.03612

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.03909	.03096	-.02452	-.01296	.05202
SDev	.00835	.00591	.03017	.01074	.01471
%RSD	21.352	19.096	123.05	82.879	28.284
#1	-.03319	.02678	-.00318	-.02056	.06242
#2	-.04499	.03514	-.04586	-.00537	.04162

Analysis Report QC Standard 10/23/06 12:13:48 PM page 1

Method: ILMO53_ Sample Name: ICSAB Operator: BF
Run Time: 10/23/06 12:12:08
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10644	.09441	.05455	.04819	.64649	244.23	.51153
SDev	.00773	.00777	.00056	.01273	.01065	.39	.00047
%RSD	7.2575	8.2314	1.0172	26.411	1.6481	.15801	.09280
#1	.11191	.09990	.05494	.05719	.63896	243.96	.51119
#2	.10098	.08891	.05415	Q.03919	.65402	244.50	.51186

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49533	.96719	246.70	.51587	.46080	.49390	98.516
SDev	.00096	.00197	.27	.00045	.00030	.00096	.110
%RSD	.19290	.20362	.10784	.08735	.06536	.19417	.11170
#1	.49465	.96580	246.51	.51555	.46059	.49322	98.438
#2	.49600	.96858	246.89	.51618	.46102	.49458	98.594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51798	255.76	.96317	.20743	.86483	.49932	1.0019
SDev	.00095	.50	.00159	.00029	.00160	.00100	.0000
%RSD	.18262	.19622	.16546	.14014	.18510	.19960	.00242
#1	.51731	255.40	.96205	.20723	.86370	.49861	1.0019
#2	.51865	256.11	.96430	.20764	.86596	.50002	1.0019

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00605	.07875	.02985	.05734	.07167
SDev	.00141	.00153	.00195	.02005	.02616
%RSD	23.232	1.9478	6.5273	34.973	36.496
#1	.00506	.07984	.02848	.07153	.09017
#2	.00705	.07767	.03123	.04316	.05318

Analysis Report QC Standard 10/23/06 12:15:44 PM

Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 12:14:04
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1623	5.1066	5.1585	5.2315	5.0808	9.9339	10.278
SDev	.0108	.0275	.0081	.0090	.0387	.0118	.022
%RSD	.20970	.53803	.15636	.17272	.76220	.11897	.21697
#1	5.1546	5.0872	5.1528	5.2251	5.0534	9.9255	10.262
#2	5.1700	5.1261	5.1642	5.2379	5.1082	9.9423	10.294

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25748	2.6204	25.602	1.0303	2.5351	1.2658	5.2693
SDev	.00052	.0016	.005	.0011	.0058	.0017	.0098
%RSD	.20322	.06248	.01787	.10424	.22727	.13327	.18536
#1	.25711	2.6192	25.598	1.0295	2.5311	1.2646	5.2762
#2	.25785	2.6216	25.605	1.0310	2.5392	1.2670	5.2624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5810	25.761	2.5862	1.3002	25.155	2.5868	2.6585
SDev	.0029	.037	.0046	.0005	.057	.0028	.0058
%RSD	.11253	.14218	.17647	.04025	.22591	.10667	.21808
#1	2.5789	25.735	2.5829	1.2998	25.115	2.5849	2.6544
#2	2.5830	25.787	2.5894	1.3005	25.196	2.5888	2.6626

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1777	5.1489	5.2586	5.2180	23.104
SDev	.0072	.0085	.0227	.0022	.161
%RSD	.13828	.16543	.43230	.04212	.69697
#1	5.1726	5.1429	5.2425	5.2164	22.990
#2	5.1828	5.1550	5.2747	5.2196	23.218

Analysis Report QC Standard 10/23/06 12:17:42 PM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 12:16:06
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	.00268	.00121	-.01250	-.00244	-.00566	.00076
SDev	.00168	.00378	.00072	.00827	.00099	.00181	.00003
%RSD	45.952	140.85	59.545	66.142	40.710	32.064	4.0795
#1	.00483	.00535	.00172	-.00665	-.00173	-.00694	.00078
#2	.00246	.00001	.00070	-.01834	-.00314	-.00437	.00074

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00047	-.05552	.00008	-.00000	.00574	-.00281
SDev	.00000	.00002	.00534	.00057	.00000	.00000	.00676
%RSD	1.8097	3.7285	9.6112	747.89	2.7840	.02002	240.39
#1	.00018	.00046	-.05174	-.00032	-.00000	.00574	.00197
#2	.00019	.00048	-.05929	.00048	-.00000	.00574	-.00759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.00409	.00103	-.00174	.00113	.00019	.00213
SDev	.00002	.00129	.00025	.00073	.00160	.00052	.00070
%RSD	3.3194	31.427	24.486	41.777	141.42	273.35	32.630
#1	.00055	-.00318	.00085	-.00226	.00000	-.00018	.00164
#2	.00058	-.00500	.00121	-.00123	.00226	.00056	.00262

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00301	.00032	-.01358	-.01196	.03873
SDev	.00016	.00116	.00862	.00809	.04169
%RSD	5.2807	365.48	63.491	67.645	107.65
#1	.00289	.00114	-.00748	-.00624	.00925
#2	.00312	-.00050	-.01968	-.01767	.06820

Analysis Report 10/23/06 12:22:09 PM page 1

Method: ILMO53_ Sample Name: X4805-16 Operator: BF
Run Time: 10/23/06 12:18:05
Comment: MH1PQ7
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42603	.00875	7.1876	.02339	.18789	20.670	.27499
SDev	.00873	.00402	.0725	.00086	.00208	.077	.00076
%RSD	2.0486	45.973	1.0087	3.6927	1.1048	.37288	.27771
#1	.43220	.00591	7.1363	.02400	.18642	20.616	.27445
#2	.41986	.01159	7.2389	.02278	.18936	20.725	.27553

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01506	.13931	35.002	.05042	.05006	.97742	165.26
SDev	.00004	.00010	.116	.00000	.00002	.00232	.64
%RSD	.27648	.06993	.33102	.00515	.03161	.23778	.38735
#1	.01503	.13938	34.920	.05043	.05007	.97578	164.80
#2	.01509	.13925	35.084	.05042	.05005	.97907	165.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7466	8.7701	.08200	.04370	9.2766	.04651	25.456
SDev	.0049	.0209	.00004	.00343	.0448	.00008	.085
%RSD	.27915	.23813	.04663	7.8572	.48320	.16461	.33349
#1	1.7431	8.7553	.08202	.04613	9.2449	.04657	25.396
#2	1.7500	8.7849	.08197	.04128	9.3082	.04646	25.516

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	7.2159	7.1735	.01368	.02823	2.1334
SDev	.0243	.0966	.00006	.00126	.0008
%RSD	.33692	1.3461	.45052	4.4772	.03831
#1	7.1987	7.1052	.01373	.02913	2.1340
#2	7.2331	7.2418	.01364	.02734	2.1328

Analysis Report 10/23/06 12:30:53 PM

Method: ILMO53_ Sample Name: X4805-17LX5 Operator: BF
Run Time: 10/23/06 12:29:13
Comment: MH1PQ8L
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00985	-.01062	.18048	-.00316	.00600	10.975	.28790
SDev	.00073	.02976	.00610	.01012	.00116	.158	.00387
%RSD	7.4338	280.14	3.3792	320.27	19.260	1.4434	1.3442
#1	.00933	-.03166	.18480	.00400	.00682	11.087	.29063
#2	.01037	.01042	.17617	-.01032	.00518	10.863	.28516

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	.00125	15.506	1.1381	.00989	.03427	20.018
SDev	.00000	.00045	.243	.0167	.00032	.00066	.333
%RSD	.04429	36.158	1.5681	1.4630	3.2437	1.9261	1.6626
#1	.00079	.00157	15.678	1.1499	.00966	.03474	20.253
#2	.00079	.00093	15.334	1.1264	.01012	.03381	19.782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57486	5.1501	.12462	-.00300	.74541	.03696	.30308
SDev	.00788	.0755	.00078	.00018	.01041	.00046	.00671
%RSD	1.3710	1.4661	.62449	5.9735	1.3960	1.2326	2.2136
#1	.58043	5.2035	.12517	-.00313	.75276	.03728	.30783
#2	.56928	5.0967	.12407	-.00287	.73805	.03663	.29834

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.17520	.18313	-.02047	.00548	2.2825
SDev	.00434	.00698	.00317	.01676	.0237
%RSD	2.4778	3.8097	15.509	305.73	1.0385
#1	.17827	.18806	-.02272	.01733	2.2993
#2	.17213	.17819	-.01823	-.00637	2.2657

Analysis Report 10/23/06 12:24:04 PM page 1

Method: ILMO53_ Sample Name: X4805-17 Operator: BF
Run Time: 10/23/06 12:22:19
Comment: MH1PQ8
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05799	-.02152	.79441	-.01418	.00747	51.159	1.3178
SDev	.00099	.00712	.00456	.00331	.00588	.126	.0039
%RSD	1.7068	33.088	.57429	23.371	78.763	.24606	.29602
#1	.05869	-.01648	.79119	-.01652	.00331	51.070	1.3150
#2	.05729	-.02655	.79764	-.01183	.01163	51.248	1.3205

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	.00583	70.550	5.1487	.04738	.14425	90.260
SDev	.00001	.00014	.271	.0186	.00029	.00042	.286
%RSD	.24998	2.3994	.38355	.36206	.60857	.29173	.31632
#1	.00301	.00593	70.359	5.1356	.04718	.14455	90.058
#2	.00302	.00573	70.741	5.1619	.04759	.14396	90.462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5769	23.243	.54981	-.00624	4.1923	.16768	1.3013
SDev	.0087	.090	.00117	.00113	.0056	.00002	.0060
%RSD	.33737	.38567	.21298	18.128	.13365	.01300	.46206
#1	2.5708	23.180	.54898	-.00544	4.1883	.16766	1.2970
#2	2.5830	23.307	.55064	-.00704	4.1962	.16769	1.3055

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.78626	.79848	-.03627	-.00315	12.655
SDev	.00177	.00772	.00396	.00694	.033
%RSD	.22499	.96723	10.906	220.44	.25838
#1	.78752	.79302	-.03347	-.00806	12.631
#2	.78501	.80394	-.03906	.00176	12.678

Analysis Report 10/23/06 12:26:04 PM

Method: ILMO53_ Sample Name: X4805-18 Operator: BF
Run Time: 10/23/06 12:24:17
Comment: MH1PQ8D
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05230	-.02233	.80662	-.00659	-.00318	51.119	1.3173
SDev	.00631	.01893	.00033	.00535	.00676	.002	.0002
%RSD	12.070	84.773	.04069	81.248	212.41	.00379	.01253
#1	.04783	-.00894	.80639	-.01037	-.00796	51.120	1.3174
#2	.05676	-.03571	.80685	-.00280	.00160	51.117	1.3171

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00303	.00560	70.945	5.1652	.04672	.14290	90.667
SDev	.00003	.00003	.024	.0017	.00000	.00047	.006
%RSD	.99007	.61617	.03439	.03340	.00116	.32949	.00612
#1	.00301	.00562	70.962	5.1665	.04672	.14257	90.663
#2	.00305	.00557	70.928	5.1640	.04672	.14323	90.671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5866	23.381	.55301	-.00721	4.1606	.16800	1.3162
SDev	.0008	.006	.00022	.00060	.0040	.00034	.0016
%RSD	.03095	.02749	.04050	8.3639	.09619	.20174	.12330
#1	2.5861	23.385	.55317	-.00764	4.1578	.16776	1.3173
#2	2.5872	23.376	.55285	-.00678	4.1634	.16824	1.3150

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.79527	.81229	-.02135	.00078	12.564
SDev	.00244	.00171	.01803	.00098	.034
%RSD	.30633	.21032	84.466	125.02	.26674
#1	.79700	.81108	-.03410	.00148	12.540
#2	.79355	.81349	-.00860	.00009	12.588

Analysis Report 10/23/06 12:28:32 PM

Method: ILMO53 Sample Name: X4805-19 Operator: BF
Run Time: 10/23/06 12:26:32
Comment: MH1PQ8S
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13558	.09341	.83145	.09412	.22235	54.071	5.4805
SDev	.00743	.00964	.00177	.00954	.00781	.251	.0246
%RSD	5.4763	10.316	.21341	10.139	3.5128	.46362	.44815
#1	.14083	.08660	.83271	.10087	.21683	53.894	5.4631
#2	.13033	.10022	.83020	.08737	.22787	54.248	5.4979

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10586	.10838	69.678	5.4798	1.0400	.64610	91.163
SDev	.00049	.00083	.252	.0221	.0042	.00336	.350
%RSD	.46392	.76334	.36156	.40271	.40606	.51948	.38407
#1	.10551	.10779	69.500	5.4642	1.0370	.64373	90.915
#2	.10621	.10896	69.856	5.4954	1.0429	.64848	91.411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5614	22.945	1.5680	.12549	4.0989	1.2137	2.3072
SDev	.0149	.081	.0057	.00047	.0192	.0052	.0095
%RSD	.41800	.35286	.36209	.37428	.46867	.43161	.41132
#1	3.5508	22.888	1.5639	.12516	4.0853	1.2100	2.3004
#2	3.5719	23.003	1.5720	.12582	4.1125	1.2174	2.3139

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.82059	.83688	.07469	.10382	12.395
SDev	.00447	.00043	.03964	.00549	.121
%RSD	.54426	.05144	53.077	5.2831	.97605
#1	.82374	.83718	.10273	.09994	12.309
#2	.81743	.83657	.04666	.10770	12.480

Analysis Report 10/23/06 12:39:50 PM

Method: ILMO53_ Sample Name: X4805-03 x2 Operator: BF
Run Time: 10/23/06 12:38:03 10/23/06 BF
Comment: MH1PP4
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55558	-.00579	10.430	-.00387	.25161	3.0918	.32101
SDev	.00891	.00971	.065	.00636	.00218	.0176	.00210
%RSD	1.6044	167.74	.62317	164.35	.86664	.56820	.65259
#1	.56188	.00108	10.476	.00063	.25007	3.1042	.32249
#2	.54928	-.01265	10.384	-.00837	.25315	3.0793	.31953

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.28702	41.839	.08692	.06410	.57843	69.428
SDev	.00000	.00175	.251	.00082	.00090	.00356	.383
%RSD	1.0396	.60804	.60031	.94692	1.4068	.61501	.55181
#1	.00034	.28825	42.017	.08750	.06474	.58095	69.699
#2	.00034	.28578	41.662	.08633	.06346	.57592	69.157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.827	13.129	.04328	.04779	.49241	.02077	47.464
SDev	.109	.067	.00047	.00133	.00480	.00029	.183
%RSD	.54801	.51392	1.0858	2.7918	.97532	1.3950	.38463
#1	19.904	13.176	.04361	.04873	.49581	.02097	47.593
#2	19.750	13.081	.04295	.04684	.48901	.02056	47.335

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.433	10.429	-.00527	-.00317	.48898
SDev	.043	.076	.00493	.00707	.00654
%RSD	.41563	.72683	93.533	223.19	1.3373
#1	10.464	10.482	-.00179	.00183	.49361
#2	10.403	10.375	-.00876	-.00817	.48436

Analysis Report 10/23/06 12:41:58 PM

Method: ILMO53_ Sample Name: X4805-04X2 Operator: BF
Run Time: 10/23/06 12:40:11
Comment: MH1PP5
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67386	.00259	10.261	.01524	.35986	5.4953	.14646
SDev	.00758	.00298	.064	.00913	.00432	.0167	.00066
%RSD	1.1243	115.00	.62670	59.896	1.1990	.30332	.45094
#1	.66850	.00048	10.306	.00879	.35681	5.5071	.14693
#2	.67921	.00469	10.216	.02169	.36291	5.4835	.14599

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.27567	28.794	.02473	.02369	.63618	84.253
SDev	.00002	.00177	.165	.00052	.00060	.00243	.471
%RSD	4.5194	.64313	.57313	2.1016	2.5191	.38206	.55890
#1	.00042	.27693	28.911	.02509	.02411	.63790	84.586
#2	.00039	.27442	28.678	.02436	.02327	.63446	83.920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8543	11.940	.01669	.06826	.53995	.02321	45.459
SDev	.0112	.077	.00016	.00207	.00320	.00081	.248
%RSD	.60561	.64851	.96217	3.0375	.59296	3.4708	.54601
#1	1.8623	11.995	.01680	.06972	.54222	.02378	45.635
#2	1.8464	11.885	.01657	.06679	.53769	.02264	45.284

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.220	10.281	.00678	.01946	.79648
SDev	.056	.068	.02671	.00035	.06049
%RSD	.54958	.66498	394.03	1.7959	7.5945
#1	10.260	10.330	-.01211	.01922	.83925
#2	10.181	10.233	.02567	.01971	.75370

Analysis Report 10/23/06 12:43:56 PM

Method: ILMO53_ Sample Name: X4805-09X2 Operator: BF
Run Time: 10/23/06 12:42:17
Comment: MH1PQ0
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38363	.00918	10.377	.03044	.39751	2.0108	.08590
SDev	.01649	.01516	.012	.00157	.00705	.0102	.00001
%RSD	4.2994	165.20	.11189	5.1499	1.7733	.50721	.01201
#1	.37197	.01990	10.386	.03155	.40250	2.0036	.08589
#2	.39529	-.00154	10.369	.02933	.39253	2.0180	.08591

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.20327	92.377	.02418	.02172	.65636	97.421
SDev	.00001	.00031	.028	.00039	.00000	.00034	.001
%RSD	3.7030	.15092	.03054	1.6303	.00058	.05112	.00082
#1	.00030	.20348	92.357	.02446	.02172	.65612	97.421
#2	.00031	.20305	92.397	.02390	.02172	.65660	97.420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9196	29.220	.01448	.06983	.25130	.01142	30.930
SDev	.0001	.007	.00025	.00034	.00000	.00002	.016
%RSD	.00249	.02309	1.7399	.48153	.00000	.17874	.05175
#1	3.9197	29.215	.01430	.07006	.25130	.01143	30.918
#2	3.9195	29.224	.01466	.06959	.25130	.01140	30.941

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.375	10.379	.01565	.03782	.53060
SDev	.006	.015	.00274	.00098	.01144
%RSD	.05492	.14032	17.530	2.5917	2.1568
#1	10.379	10.389	.01759	.03851	.52251
#2	10.371	10.368	.01371	.03712	.53869

Analysis Report 10/23/06 12:49:58 PM

Method: ILMO53_ Sample Name: X4805-20 Operator: BF
Run Time: 10/23/06 12:47:56
Comment: MH1PQ9
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1380	.03566	41.708	.15950	.95061	2.9689	.48056
SDev	.0366	.00909	.227	.00660	.02153	.0248	.00285
%RSD	1.7133	25.482	.54497	4.1372	2.2653	.83499	.59268
#1	2.1639	.04208	41.869	.16417	.96584	2.9865	.48257
#2	2.1121	.02923	41.547	.15483	.93538	2.9514	.47855

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.18890	93.956	.30887	.05068	1.6453	464.77
SDev	.00002	.00124	.590	.00194	.00038	.0120	2.89
%RSD	3.4731	.65626	.62753	.62718	.74171	.72754	.62268
#1	.00043	.18977	94.373	.31024	.05042	1.6538	466.82
#2	.00045	.18802	93.539	.30750	.05095	1.6369	462.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9190	33.626	.11815	.20590	.99954	.01828	27.551
SDev	.0293	.185	.00074	.00239	.00800	.00035	.131
%RSD	.59535	.55035	.62399	1.1603	.80080	1.9190	.47630
#1	4.9397	33.757	.11867	.20759	1.0052	.01852	27.644
#2	4.8983	33.496	.11763	.20421	.99388	.01803	27.458

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	41.619	41.753	.10352	.18745	1.0583
SDev	.225	.229	.00264	.01121	.0057
%RSD	.54011	.54739	2.5499	5.9810	.54066
#1	41.778	41.914	.10166	.19537	1.0543
#2	41.460	41.591	.10539	.17952	1.0624

Analysis Report 10/23/06 12:51:51 PM page 1

Method: ILMO53_ Sample Name: X4805-21 Operator: BF
Run Time: 10/23/06 12:50:11
Comment: MH1PR0
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0666	.02011	22.521	.02658	.46512	10.727	.41804
SDev	.0153	.01218	.188	.00193	.00812	.061	.00225
%RSD	1.4299	60.548	.83575	7.2406	1.7467	.56935	.53814
#1	1.0774	.01150	22.654	.02522	.45938	10.770	.41963
#2	1.0559	.02872	22.388	.02794	.47087	10.684	.41645

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	.23311	117.30	.15086	.04417	1.7243	143.43
SDev	.00001	.00117	.61	.00057	.00089	.0085	.81
%RSD	.77778	.50126	.52182	.37508	2.0185	.49475	.56803
#1	.00098	.23394	117.73	.15126	.04480	1.7304	144.01
#2	.00099	.23229	116.87	.15046	.04354	1.7183	142.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.6026	29.915	.06368	.15051	.70296	.04108	39.726
SDev	.0431	.129	.00063	.00080	.00160	.00010	.145
%RSD	.50076	.43068	.98699	.53313	.22773	.23735	.36433
#1	8.6331	30.006	.06324	.14994	.70409	.04115	39.828
#2	8.5722	29.824	.06413	.15108	.70183	.04101	39.624

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	22.355	22.604	-.00532	.04251	2.4386
SDev	.250	.157	.00718	.00070	.0057
%RSD	1.1191	.69585	134.95	1.6434	.23463
#1	22.531	22.715	-.01040	.04300	2.4426
#2	22.178	22.493	-.00024	.04201	2.4345

Analysis Report QC Standard 10/23/06 12:53:44 PM page 1

Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 12:52:03
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1357	5.1638	5.1595	5.2630	5.0196	9.8138	10.236
SDev	.0247	.0328	.0224	.0093	.0088	.0193	.029
%RSD	.48166	.63613	.43324	.17621	.17618	.19663	.27885
#1	5.1182	5.1871	5.1753	5.2696	5.0258	9.8274	10.256
#2	5.1532	5.1406	5.1437	5.2565	5.0133	9.8001	10.216

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25821	2.6122	25.438	1.0286	2.5020	1.2644	5.3354
SDev	.00099	.0077	.124	.0036	.0112	.0051	.0086
%RSD	.38214	.29432	.48695	.34884	.44895	.40518	.16175
#1	.25891	2.6176	25.525	1.0311	2.5100	1.2681	5.3415
#2	.25752	2.6067	25.350	1.0261	2.4941	1.2608	5.3293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5756	25.733	2.5718	1.2912	25.276	2.5978	2.6856
SDev	.0100	.109	.0083	.0055	.106	.0095	.0186
%RSD	.38917	.42202	.32335	.42274	.42118	.36584	.69081
#1	2.5827	25.810	2.5777	1.2951	25.352	2.6045	2.6987
#2	2.5685	25.656	2.5659	1.2873	25.201	2.5911	2.6724

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1454	5.1666	5.2744	5.2574	23.191
SDev	.0090	.0290	.0114	.0196	.046
%RSD	.17487	.56170	.21588	.37259	.19738
#1	5.1518	5.1871	5.2663	5.2712	23.159
#2	5.1391	5.1461	5.2824	5.2435	23.224

Analysis Report QC Standard 10/23/06 12:55:50 PM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 12:54:02
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00884	-.00233	.00638	-.01175	.00069	-.04308	.00096
SDev	.00206	.00418	.00146	.00363	.00181	.00283	.00002
%RSD	23.319	179.61	22.814	30.853	260.49	6.5695	2.1591
#1	.00738	-.00528	.00741	-.00919	.00197	-.04508	.00094
#2	Q.01030	.00063	.00535	-.01431	-.00058	-.04108	.00097

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00036	-.08166	.00016	.00021	.00276	.01765
SDev	.00001	.00014	.00038	.00013	.00091	.00047	.01102
%RSD	6.9202	37.641	.46673	79.170	426.87	17.174	62.425
#1	.00017	.00046	-.08139	.00007	.00086	.00309	.02544
#2	.00015	.00026	-.08193	.00025	-.00043	.00242	.00986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	-.03817	-.00018	-.00078	.00623	.00068	.01083
SDev	.00002	.00321	.00067	.00033	.00080	.00036	.00046
%RSD	1.2473	8.4179	376.71	41.836	12.856	53.639	4.2845
#1	.00169	-.04044	.00030	-.00101	.00679	.00093	.01116
#2	.00166	-.03590	-.00065	-.00055	.00566	.00042	.01050

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00426	.00744	-.02523	-.00502	.06936
SDev	.00268	.00084	.00941	.00074	.02452
%RSD	62.996	11.340	37.287	14.712	35.355
#1	.00615	.00804	-.01858	-.00450	.08670
#2	.00236	.00684	-.03188	-.00554	.05202

Analysis Report

10/23/06 12:58:24 PM

Method: ILMO53_ Sample Name: X4805-22
Run Time: 10/23/06 12:56:30 Operator: BF
Comment: MH1PR1
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18530	-.00842	3.5349	.00059	.09638	6.2205	.26866
SDev	.00271	.00761	.0121	.01301	.00411	.0105	.00026
%RSD	1.4602	90.366	.34179	2217.9	4.2589	.16801	.09602
#1	.18339	-.00304	3.5434	.00979	.09928	6.2131	.26848
#2	.18722	-.01381	3.5264	-.00861	.09348	6.2279	.26884

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.07087	13.979	.06631	.02079	.21635	37.475
SDev	.00000	.00000	.003	.00006	.00000	.00013	.004
%RSD	.70125	.00041	.02454	.08423	.00064	.06174	.01057
#1	.00049	.07087	13.976	.06635	.02079	.21626	37.478
#2	.00048	.07087	13.981	.06627	.02079	.21645	37.472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2889	4.9109	.03545	.01748	.54392	.03720	7.8230
SDev	.0016	.0064	.00145	.00020	.00240	.00050	.0063
%RSD	.07155	.13086	4.1058	1.1748	.44148	1.3382	.08007
#1	2.2878	4.9063	.03648	.01763	.54222	.03755	7.8274
#2	2.2901	4.9154	.03442	.01734	.54561	.03685	7.8186

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	3.5310	3.5369	-.01378	.00776	1.0363
SDev	.0163	.0100	.00275	.01813	.0204
%RSD	.46242	.28166	19.925	233.74	1.9718
#1	3.5425	3.5439	-.01184	.02058	1.0508
#2	3.5194	3.5298	-.01572	-.00506	1.0219

Analysis Report QC Standard 10/23/06 01:00:56 PM page 1

Method: ILMO53_ Sample Name: PB22208BL Operator: BF
Run Time: 10/23/06 12:59:18
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00437	-.00384	.00532	.00164	.00336	-.04354	.00057
SDev	.00812	.00212	.00045	.00245	.00131	.00143	.00003
%RSD	185.56	55.273	8.4350	149.16	39.118	3.2730	5.4393
#1	-.00137	-.00234	.00501	-.00009	.00243	-.04254	.00055
#2	Q.01012	-.00534	.00564	.00337	.00429	-.04455	.00059

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00004	-.09028	.00030	-.00022	.00095	.01068
SDev	.00002	.00008	.00191	.00012	.00030	.00020	.00433
%RSD	13.756	229.89	2.1108	39.120	140.80	21.316	40.573
#1	.00013	.00002	-.08893	.00039	-.00000	.00109	.01374
#2	.00015	-.00010	-.09163	.00022	-.00043	.00081	.00762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.04339	-.00008	-.00069	-.00226	.00027	.00623
SDev	.00004	.00289	.00003	.00086	.00320	.00025	.00046
%RSD	3.7630	6.6638	35.275	125.52	141.42	91.735	7.4370
#1	.00108	-.04135	-.00006	-.00130	-.00453	.00045	.00656
#2	.00102	-.04544	-.00010	-.00008	.00000	.00010	.00591

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00627	.00485	-.00167	.00329	.07745
SDev	.00059	.00038	.00196	.00269	.00327
%RSD	9.3253	7.8602	117.72	81.783	4.2215
#1	.00586	.00458	-.00305	.00139	.07976
#2	.00668	.00512	-.00028	.00520	.07514

Analysis Report QC Standard 10/23/06 01:08:31 PM page 1

Method: ILMO53_ Sample Name: PB22208BS Operator: BF
Run Time: 10/23/06 13:06:55
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98997	1.0475	1.0192	1.0368	1.0380	2.3173	.50689
SDev	.00915	.0020	.0019	.0007	.0084	.0035	.00112
%RSD	.92395	.19422	.18533	.06920	.80763	.14971	.21988
#1	.99644	1.0489	1.0206	1.0363	1.0439	2.3197	.50610
#2	.98351	1.0461	1.0179	1.0373	1.0321	2.3148	.50767

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50024	.50752	9.8727	.48880	.48088	.47699	5.2152
SDev	.00124	.00051	.0145	.00086	.00121	.00048	.0241
%RSD	.24846	.10043	.14670	.17698	.25276	.09983	.46182
#1	.49936	.50716	9.8625	.48819	.48002	.47665	5.1982
#2	.50112	.50788	9.8830	.48941	.48174	.47732	5.2323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50372	5.9696	.49847	.42306	9.1469	.50694	1.1276
SDev	.00121	.0006	.00053	.00152	.0008	.00073	.0019
%RSD	.24061	.01077	.10668	.35983	.00875	.14401	.16450
#1	.50286	5.9700	.49810	.42198	9.1464	.50643	1.1263
#2	.50457	5.9691	.49885	.42413	9.1475	.50746	1.1290

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.0177	1.0200	1.0453	1.0325	8.7685
SDev	.0045	.0006	.0090	.0034	.0246
%RSD	.44049	.05824	.86214	.33159	.28066
#1	1.0208	1.0204	1.0390	1.0349	8.7859
#2	1.0145	1.0196	1.0517	1.0301	8.7511

Analysis Report

10/23/06 01:11:51 PM

Method: ILMO53_ Sample Name: X4829-01

Operator: BF

Run Time: 10/23/06 13:10:02

Comment: MH1PR5

Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04602	.00449	.02071	.00657	.01624	-.01259	.02448
SDev	.00116	.01266	.00012	.00143	.00214	.00388	.00000
%RSD	2.5226	282.17	.56269	21.708	13.185	30.828	.00000
#1	.04684	.01344	.02063	.00758	.01473	-.00984	.02448
#2	.04520	-.00447	.02079	.00556	.01775	-.01533	.02448

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00456	215.54	.00575	.00144	.01044	1.6214
SDev	.00003	.00007	1.76	.00050	.00091	.00061	.0086
%RSD	13.530	1.4833	.81552	8.7477	63.230	5.8187	.52820
#1	.00027	.00461	214.30	.00611	.00209	.01087	1.6275
#2	.00023	.00451	216.78	.00540	.00080	.01001	1.6154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61306	56.880	.00726	.00005	92.588	.00033	1.1600
SDev	.00438	.403	.00137	.00047	.735	.00008	.0072
%RSD	.71413	.70834	18.899	997.04	.79362	23.704	.61848
#1	.60997	56.595	.00823	.00038	92.068	.00039	1.1550
#2	.61616	57.165	.00629	-.00029	93.107	.00027	1.1651

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02009	.02102	-.00281	.01125	4.8973
SDev	.00214	.00089	.02665	.01544	.0531
%RSD	10.658	4.2556	947.93	137.23	1.0849
#1	.01858	.02165	-.02166	.02217	4.8598
#2	.02161	.02039	.01603	.00033	4.9349

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Method: ILMO53_ Sample Name: X4829-02 Operator: BF
Run Time: 10/23/06 13:12:00
Comment: MH1PR6
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34517	-.00254	1.2841	-.02049	.04195	1.3519	.03419
SDev	.00116	.00177	.0026	.00302	.00771	.0026	.00006
%RSD	.33500	69.694	.20482	14.746	18.364	.19100	.18111
#1	.34599	-.00380	1.2860	-.02263	.03651	1.3537	.03414
#2	.34436	-.00129	1.2823	-.01836	.04740	1.3500	.03423

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.16256	316.24	.00406	.05175	.21724	39.828
SDev	.00002	.00035	.30	.00016	.00030	.00019	.059
%RSD	2.9421	.21759	.09557	3.8961	.58519	.08783	.14852
#1	.00078	.16231	316.02	.00395	.05154	.21737	39.786
#2	.00075	.16281	316.45	.00417	.05197	.21710	39.870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1615	52.129	.07158	.00042	38.572	.00659	47.618
SDev	.0026	.065	.00031	.00110	.038	.00013	.065
%RSD	.12116	.12450	.42894	262.57	.09753	2.0252	.13641
#1	2.1596	52.083	.07136	.00119	38.545	.00668	47.572
#2	2.1633	52.174	.07179	-.00036	38.598	.00650	47.663

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.2746	1.2889	-.03322	-.01414	10.926
SDev	.0008	.0035	.01451	.01178	.014
%RSD	.06302	.27484	43.689	83.277	.12719
#1	1.2752	1.2914	-.02296	-.02247	10.936
#2	1.2741	1.2864	-.04348	-.00581	10.916

Analysis Report 10/23/06 01:15:45 PM page 1

Method: ILMO53_ Sample Name: X4829-03 Operator: BF
Run Time: 10/23/06 13:14:06
Comment: MH1PR7
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01360	-.00786	.00626	-.00780	.03551	-.02564	.04652
SDev	.00283	.00044	.00231	.00976	.00033	.00091	.00012
%RSD	20.849	5.5864	36.886	125.24	.92316	3.5331	.26621
#1	.01560	-.00755	.00789	-.00089	.03528	-.02628	.04643
#2	.01159	-.00817	.00463	-.01470	.03574	-.02500	.04661

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00763	199.70	.00567	.00038	.01495	.27256
SDev	.00001	.00015	.44	.00001	.00061	.00020	.00678
%RSD	4.8685	2.0166	.22081	.20053	160.81	1.3473	2.4883
#1	.00023	.00753	199.39	.00568	-.00005	.01509	.27735
#2	.00024	.00774	200.02	.00566	.00081	.01481	.26776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15113	48.841	.00732	-.00024	81.682	.00063	2.3971
SDev	.00064	.156	.00070	.00054	.354	.00012	.0093
%RSD	.42304	.31905	9.5572	225.99	.43312	18.313	.38683
#1	.15068	48.731	.00781	.00014	81.432	.00071	2.3905
#2	.15158	48.951	.00682	-.00062	81.933	.00055	2.4037

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00571	.00653	-.01656	-.00342	3.5581
SDev	.00702	.00005	.02195	.00368	.0311
%RSD	123.01	.70535	132.58	107.52	.87297
#1	.01068	.00650	-.00104	-.00082	3.5362
#2	.00074	.00657	-.03208	-.00602	3.5801

Analysis Report 10/23/06 01:17:57 PM

Method: ILMO53_ Sample Name: X4829-04 Operator: BF
Run Time: 10/23/06 13:16:06
Comment: MH1PR8
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00540	-.00957	.00582	-.00991	.03451	-.02683	.04418
SDev	.00283	.01598	.00214	.02153	.00509	.00388	.00004
%RSD	52.458	166.94	36.668	217.25	14.741	14.458	.09343
#1	.00741	.00173	.00733	-.02513	.03811	-.02957	.04415
#2	.00340	-.02088	.00431	.00531	.03092	-.02408	.04421

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00681	187.42	.00173	.00059	.01309	.46091
SDev	.00000	.00003	.27	.00004	.00030	.00074	.00395
%RSD	.09260	.50426	.14580	2.5184	51.326	5.6338	.85660
#1	.00024	.00684	187.23	.00170	.00038	.01361	.45812
#2	.00024	.00679	187.62	.00176	.00081	.01256	.46371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13007	45.754	.00381	.00030	77.286	.00076	2.1933
SDev	.00037	.072	.00050	.00180	.336	.00029	.0067
%RSD	.28411	.15659	13.214	591.32	.43499	37.623	.30659
#1	.12981	45.704	.00417	.00157	77.048	.00056	2.1886
#2	.13033	45.805	.00346	-.00097	77.523	.00097	2.1981

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00410	.00668	-.00435	-.01268	3.2697
SDev	.00120	.00380	.02195	.02132	.0368
%RSD	29.224	56.852	504.25	168.07	1.1250
#1	.00325	.00937	-.01988	-.02776	3.2437
#2	.00495	.00400	.01117	.00239	3.2957

Analysis Report QC Standard 10/23/06 01:24:37 PM page 1

Method: ILMO53_ Sample Name: CRI Operator: BF
Run Time: 10/23/06 13:21:36
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01205	.01613	.00756	.03570	.06655	.13542	.20562
SDev	.00322	.00760	.00134	.00934	.00656	.00220	.00009
%RSD	26.751	47.127	17.769	26.155	9.8527	1.6276	.04517
#1	.00977	Q.01075	.00851	.04230	.06191	.13386	.20555
#2	Q.01432	.02150	.00661	.02909	.07118	.13698	.20568

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00538	.00523	4.7790	.01021	.04822	.02388	.08212
SDev	.00002	.00020	.0027	.00046	.00091	.00014	.00506
%RSD	.34712	3.9064	.05582	4.4954	1.8927	.57263	6.1670
#1	.00537	.00508	4.7771	.00989	.04758	.02378	.07854
#2	.00539	.00537	4.7809	.01054	.04887	.02398	.08570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01571	4.8375	.04066	.01211	4.2336	.05143	.06720
SDev	.00016	.0055	.00008	.00034	.0096	.00029	.00069
%RSD	.99653	.11290	.20694	2.7693	.22688	.56106	1.0347
#1	.01560	4.8336	.04060	.01187	4.2404	.05123	.06671
#2	.01582	4.8414	.04072	.01235	4.2268	.05163	.06770

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00749	.00759	.03570	.03569	3.5703
SDev	.00014	.00208	.02117	.00343	.0237
%RSD	1.8214	27.411	59.294	9.6059	.66395
#1	.00739	.00907	.05067	.03812	3.5870
#2	.00758	.00612	.02073	.03327	3.5535

Analysis Report QC Standard 10/23/06 01:29:46 PM page 1

Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/23/06 13:28:10
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	-.00124	.00336	-.00510	.00052	234.33	.00223
SDev	.00516	.01360	.00083	.00793	.00182	.69	.00003
%RSD	223.21	1097.4	24.645	155.32	346.46	.29249	1.3865
#1	.00597	-.01085	.00395	-.01071	-.00076	234.82	.00225
#2	-.00134	.00837	.00277	.00050	.00181	233.85	.00221

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00011	237.23	.03732	.00138	-.00032	95.813
SDev	.00002	.00005	.60	.00013	.00031	.00023	.176
%RSD	2.7417	41.799	.25432	.34223	22.290	71.494	.18373
#1	.00054	.00008	237.66	.03723	.00117	-.00016	95.937
#2	.00056	.00015	236.80	.03741	.00160	-.00049	95.688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02031	248.29	.01006	-.00038	.85917	.00028	.03090
SDev	.00016	.51	.00070	.00084	.00320	.00006	.00113
%RSD	.78904	.20368	6.9232	219.90	.37265	20.166	3.6704
#1	.02042	248.65	.01056	.00021	.86143	.00032	.03170
#2	.02019	247.93	.00957	-.00097	.85691	.00024	.03010

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.04059	.02530	-.01116	-.00208	.09479
SDev	.00113	.00180	.02785	.00202	.00981
%RSD	2.7810	7.1346	249.52	97.052	10.348
#1	-.04139	.02658	-.03085	-.00065	.08786
#2	-.03979	.02403	.00853	-.00351	.10173

Analysis Report QC Standard 10/23/06 01:32:43 PM

Method: ILMO53_ Sample Name: ICSAB Operator: BF
Run Time: 10/23/06 13:31:04
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10585	.09841	.05186	.04498	.61324	234.50	.49685
SDev	.01045	.00012	.00023	.00777	.00374	.52	.00078
%RSD	9.8705	.12258	.43978	17.266	.61035	.22094	.15785
#1	.09847	.09849	.05202	Q.03949	.61059	234.14	.49629
#2	.11324	.09832	.05170	.05047	.61589	234.87	.49740

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48292	.93462	237.55	.49922	.43440	.48036	96.493
SDev	.00124	.00241	.40	.00123	.00121	.00104	.161
%RSD	.25660	.25775	.16894	.24583	.27911	.21576	.16664
#1	.48204	.93292	237.27	.49835	.43354	.47963	96.379
#2	.48380	.93633	237.84	.50009	.43526	.48110	96.607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50104	248.14	.92482	.20014	.87162	.49161	.97373
SDev	.00097	.63	.00185	.00102	.00160	.00065	.00090
%RSD	.19387	.25469	.19950	.50792	.18366	.13316	.09207
#1	.50035	247.69	.92352	.19942	.87275	.49114	.97310
#2	.50172	248.58	.92613	.20086	.87049	.49207	.97436

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00490	.07531	.03366	.05063	.12311
SDev	.00439	.00185	.01880	.00226	.00572
%RSD	89.450	2.4543	55.856	4.4580	4.6477
#1	.00801	.07400	.02037	.04904	.11907
#2	.00180	.07661	.04695	.05223	.12716

Analysis Report QC Standard 10/23/06 01:35:29 PM page 1

Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 13:33:53
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0652	5.0428	5.0151	5.1728	4.9563	9.5658	10.040
SDev	.0378	.0229	.0068	.0062	.0302	.0244	.023
%RSD	.74550	.45368	.13651	.12042	.60897	.25477	.22859
#1	5.0385	5.0590	5.0103	5.1684	4.9349	9.5486	10.024
#2	5.0919	5.0266	5.0200	5.1772	4.9776	9.5830	10.056

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25291	2.5533	24.822	1.0022	2.4021	1.2439	5.1952
SDev	.00049	.0044	.027	.0022	.0048	.0023	.0260
%RSD	.19262	.17152	.10748	.21760	.20177	.18454	.50093
#1	.25257	2.5502	24.803	1.0007	2.3987	1.2423	5.1768
#2	.25326	2.5564	24.841	1.0037	2.4056	1.2455	5.2136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5100	25.156	2.5037	1.2479	25.087	2.5571	2.6147
SDev	.0040	.055	.0060	.0019	.054	.0055	.0060
%RSD	.15938	.21841	.24039	.15007	.21697	.21432	.23053
#1	2.5072	25.117	2.4995	1.2466	25.048	2.5532	2.6105
#2	2.5128	25.195	2.5080	1.2492	25.125	2.5609	2.6190

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9987	5.0233	5.1700	5.1742	22.807
SDev	.0104	.0154	.0431	.0309	.119
%RSD	.20761	.30748	.83426	.59667	.52328
#1	5.0061	5.0124	5.2005	5.1524	22.722
#2	4.9914	5.0343	5.1395	5.1961	22.891

Analysis Report QC Standard 10/23/06 01:41:04 PM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 13:35:55
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	-.00835	.00025	-.00076	.00394	-.03149	.00090
SDev	.00283	.00084	.00002	.00846	.00311	.00142	.00008
%RSD	115.22	10.044	6.2849	1110.2	78.939	4.4994	9.1981
#1	.00046	-.00775	.00027	-.00675	.00614	-.03049	.00096
#2	.00446	-.00894	.00024	.00522	.00174	-.03249	.00084

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00041	-.07384	.00027	.00064	.00033	-.00822
SDev	.00000	.00010	.00076	.00027	.00030	.00054	.00083
%RSD	1.5357	24.938	1.0323	97.955	47.221	161.62	10.080
#1	.00024	.00034	-.07330	.00046	.00043	.00071	-.00763
#2	.00024	.00048	-.07438	.00008	.00086	-.00005	-.00880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	-.02522	.00083	-.00103	.00566	.00012	.00066
SDev	.00000	.00225	.00042	.00027	.00160	.00011	.00046
%RSD	.02372	8.9185	50.500	25.798	28.284	92.910	70.623
#1	.00033	-.02363	.00053	-.00122	.00679	.00004	.00033
#2	.00033	-.02681	.00113	-.00084	.00453	.00020	.00099

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00111	-.00017	-.00471	.00121	.07630
SDev	.00218	.00111	.00235	.01151	.00817
%RSD	196.47	645.70	49.916	952.05	10.714
#1	-.00043	.00061	-.00638	-.00693	.07052
#2	.00265	-.00096	-.00305	.00935	.08208

Analysis Report

10/23/06 01:43:31 PM

Method: ILMO53 Sample Name: X4829-05
Run Time: 10/23/06 13:41:38 Operator: BF
Comment: MH1PR9
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01332	-.00211	.00397	-.01423	.01962	-.03324	.04739
SDev	.00786	.00583	.00003	.01100	.00017	.00416	.00145
%RSD	58.993	276.57	.77433	77.314	.86228	12.511	3.0483
#1	.01888	.00201	.00399	-.02201	.01950	-.03618	.04637
#2	.00777	-.00623	.00395	-.00645	.01974	-.03030	.04842

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00039	154.56	.00549	-.00113	.00659	.23178
SDev	.00001	.00010	1.89	.00007	.00213	.00289	.01329
%RSD	2.5416	25.821	1.2221	1.2950	188.77	43.908	5.7332
#1	.00026	.00032	153.23	.00554	-.00263	.00454	.22238
#2	.00027	.00046	155.90	.00544	.00038	.00863	.24118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05614	38.700	.00716	-.00339	73.680	-.00001	.33428
SDev	.00088	.136	.00064	.00447	.327	.00109	.00510
%RSD	1.5608	.35201	8.9960	131.61	.44323	11625.	1.5249
#1	.05552	38.604	.00670	-.00655	73.911	-.00078	.33067
#2	.05676	38.796	.00762	-.00024	73.449	.00076	.33788

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00515	.00338	-.02919	-.00676	3.3102
SDev	.00154	.00082	.02665	.00319	.1005
%RSD	29.959	24.130	91.304	47.155	3.0373
#1	.00406	.00396	-.04804	-.00902	3.2391
#2	.00624	.00281	-.01035	-.00451	3.3813

Analysis Report

10/23/06 01:45:41 PM

Method: ILMO53_ Sample Name: X4829-06
Run Time: 10/23/06 13:43:58 Operator: BF
Comment: MH1PS0
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00732	-.00451	.00074	-.00755	.02007	-.02199	.04459
SDev	.00451	.01178	.00113	.00144	.00000	.00117	.00027
%RSD	61.611	261.54	152.77	19.013	.01426	5.2978	.60169
#1	.01051	-.01284	-.00006	-.00654	.02007	-.02117	.04440
#2	.00413	.00383	.00154	-.00857	.02006	-.02282	.04478

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00014	153.57	.01295	-.00005	.00858	.23859
SDev	.00000	.00019	.68	.00022	.00061	.00006	.00507
%RSD	.01203	134.24	.44522	1.7276	1183.9	.75924	2.1241
#1	.00025	.00027	153.09	.01279	.00038	.00854	.24217
#2	.00025	.00001	154.06	.01311	-.00048	.00863	.23501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08247	38.208	.00579	-.00048	71.232	.00062	.35890
SDev	.00029	.168	.00045	.00047	.365	.00004	.00092
%RSD	.34947	.44064	7.7261	97.665	.51240	6.2532	.25653
#1	.08226	38.089	.00548	-.00015	70.974	.00060	.35825
#2	.08267	38.327	.00611	-.00081	71.490	.00065	.35955

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.00069	-.00040	-.01113	3.1726
SDev	.00066	.00203	.00627	.00098	.0286
%RSD	78.035	295.72	1581.8	8.7876	.90176
#1	.00132	-.00075	.00404	-.01182	3.1928
#2	.00038	.00212	-.00483	-.01044	3.1524

Analysis Report

10/23/06 01:47:42 PM

Method: ILMO53_ Sample Name: X4829-07
Run Time: 10/23/06 13:45:57 Operator: BF
Comment: MH1PS1
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01133	.00050	.01052	-.01077	.04674	-.03167	.03725
SDev	.00477	.00126	.00162	.00507	.00001	.00529	.00012
%RSD	42.071	253.67	15.371	47.059	.01180	16.721	.33243
#1	.01470	-.00040	.01166	-.00719	.04674	-.03541	.03716
#2	.00796	.00139	.00938	-.01436	.04673	-.02792	.03734

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00896	165.42	.01397	.00082	.01187	.26275
SDev	.00001	.00002	.77	.00035	.00000	.00040	.00235
%RSD	3.2215	.19212	.46840	2.5179	.02041	3.3979	.89502
#1	.00024	.00895	164.87	.01372	.00082	.01215	.26441
#2	.00023	.00897	165.97	.01422	.00082	.01158	.26108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13032	40.222	.00815	-.00010	68.505	.00060	2.2876
SDev	.00066	.172	.00003	.00034	.282	.00012	.0070
%RSD	.50576	.42816	.34388	348.99	.41128	19.332	.30390
#1	.12985	40.100	.00813	.00014	68.306	.00052	2.2826
#2	.13078	40.343	.00817	-.00033	68.704	.00068	2.2925

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01028	.01064	-.01515	-.00859	2.4773
SDev	.00091	.00197	.00588	.01054	.0213
%RSD	8.8427	18.520	38.817	122.65	.85790
#1	.01093	.01203	-.01930	-.00114	2.4623
#2	.00964	.00925	-.01099	-.01604	2.4923

Analysis Report

10/23/06 01:49:30 PM

Method: ILMO53_ Sample Name: X4829-08
Run Time: 10/23/06 13:47:52 Operator: BF
Comment: MH1PS2
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00848	-.00725	.00736	-.00581	.04553	-.03669	.04565
SDev	.00503	.00296	.00190	.00333	.00016	.00206	.00007
%RSD	59.248	40.820	25.790	57.282	.34688	5.6101	.15824
#1	.00493	-.00935	.00602	-.00346	.04542	-.03815	.04560
#2	.01204	-.00516	.00870	-.00816	.04564	-.03524	.04570

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00395	223.02	.04809	.00036	.01084	.64756
SDev	.00000	.00017	.75	.00022	.00061	.00033	.01320
%RSD	1.8861	4.2848	.33632	.46329	170.25	3.0862	2.0390
#1	.00021	.00384	222.49	.04793	.00079	.01107	.63823
#2	.00021	.00407	223.55	.04824	-.00007	.01060	.65690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15217	53.979	.01774	-.00100	82.804	.00044	1.4207
SDev	.00060	.177	.00028	.00126	.261	.00019	.0053
%RSD	.39582	.32796	1.5797	125.97	.31514	43.419	.37501
#1	.15174	53.854	.01794	-.00011	82.620	.00057	1.4169
#2	.15259	54.104	.01754	-.00189	82.989	.00030	1.4244

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00839	.00684	-.01188	-.00278	2.6189
SDev	.00393	.00088	.00902	.00049	.0139
%RSD	46.856	12.894	75.909	17.512	.53060
#1	.00561	.00622	-.00550	-.00243	2.6091
#2	.01117	.00747	-.01826	-.00312	2.6287

Analysis Report

10/23/06 02:02:14 PM

Method: ILMO53_ Sample Name: X4829-09
Run Time: 10/23/06 14:00:35 Operator: BF
Comment: MH1PS2
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02039	.00267	.09203	-.00918	.04103	-.02774	.04588
SDev	.00180	.00337	.00075	.00875	.00689	.00697	.00041
%RSD	8.8498	126.23	.81492	95.270	16.786	25.138	.89977
#1	.01912	.00506	.09150	-.01536	.03616	-.03267	.04558
#2	.02167	.00029	.09256	-.00300	.04589	-.02281	.04617

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00562	212.26	.00575	.00079	.02132	1.1763
SDev	.00002	.00005	2.08	.00030	.00061	.00053	.0036
%RSD	7.3359	.90670	.98056	5.1666	77.153	2.5104	.30514
#1	.00027	.00558	210.79	.00554	.00036	.02170	1.1738
#2	.00024	.00565	213.73	.00596	.00122	.02095	1.1788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26113	52.973	.03386	-.00071	85.486	.00045	1.8908
SDev	.00202	.402	.00014	.00047	.582	.00013	.0165
%RSD	.77355	.75936	.41361	65.987	.68071	29.456	.87016
#1	.25970	52.689	.03376	-.00038	85.075	.00055	1.8792
#2	.26256	53.258	.03396	-.00104	85.898	.00036	1.9025

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.09418	.09095	-.01926	-.00415	2.9310
SDev	.00068	.00078	.02234	.00196	.0139
%RSD	.72183	.86305	115.98	47.226	.47410
#1	.09370	.09040	-.03506	-.00553	2.9212
#2	.09466	.09151	-.00346	-.00276	2.9408

Analysis Report

10/23/06 02:04:12 PM

Method: ILMO53 Sample Name: X4829-10
Run Time: 10/23/06 14:02:31 Operator: BF
Comment: MH1PS3
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02029	-.00466	.01602	-.01321	.00658	.07107	.06769
SDev	.00168	.00775	.00197	.00046	.01194	.01682	.00062
%RSD	8.2870	166.21	12.290	3.5157	181.52	23.674	.91465
#1	.02148	.00082	.01463	-.01354	.01502	.08297	.06813
#2	.01910	-.01014	.01742	-.01288	-.00187	.05917	.06726

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00063	265.49	.03088	.00285	.01130	3.6081
SDev	.00005	.00047	2.35	.00232	.00243	.00310	.0511
%RSD	17.548	75.048	.88560	7.5009	85.199	27.445	1.4154
#1	.00030	.00097	267.15	.03252	.00457	.01349	3.6442
#2	.00024	.00030	263.83	.02925	.00113	.00911	3.5720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94666	58.374	.01219	.00322	70.102	.00214	.23311
SDev	.00629	.690	.00112	.00622	.002	.00207	.00484
%RSD	.66449	1.1828	9.1804	193.23	.00343	96.800	2.0761
#1	.95111	58.862	.01299	.00761	70.100	.00361	.23654
#2	.94221	57.885	.01140	-.00118	70.103	.00068	.22969

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.04283	.00264	.03321	-.03639	1.2092
SDev	.03797	.02191	.08153	.04140	.1193
%RSD	88.663	829.33	245.51	113.77	9.8698
#1	.06968	-.01285	.09085	-.06566	1.2936
#2	.01598	.01814	-.02444	-.00711	1.1248

Analysis Report

10/23/06 02:05:59 PM

Method: ILMO53_ Sample Name: X4829-11

Run Time: 10/23/06 14:04:22 Operator: BF

Comment: ~~MH1PS4~~ MH1PS5 10/23/06 BF

Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01013	-.00780	.02310	-.01338	.02990	-.03249	.03834
SDev	.01108	.02021	.00064	.01299	.00443	.00698	.00040
%RSD	109.39	259.08	2.7617	97.066	14.823	21.494	1.0498
#1	.01797	.00649	.02355	-.00420	.02677	-.02755	.03862
#2	.00229	-.02210	.02265	-.02256	.03303	-.03743	.03805

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00766	216.03	.00125	.00060	.01509	.27443
SDev	.00000	.00019	2.44	.00013	.00152	.00121	.00084
%RSD	1.5653	2.4462	1.1280	10.135	252.41	8.0219	.30517
#1	.00025	.00753	217.76	.00134	.00168	.01595	.27384
#2	.00025	.00779	214.31	.00116	-.00047	.01424	.27503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26723	54.434	.00611	-.00252	80.113	.00050	2.4464
SDev	.00320	.619	.00022	.00173	.768	.00019	.0399
%RSD	1.1991	1.1374	3.6714	68.602	.95915	37.997	1.6299
#1	.26950	54.872	.00627	-.00130	80.657	.00064	2.4746
#2	.26497	53.996	.00595	-.00374	79.570	.00037	2.4182

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01677	.02626	-.02917	-.00550	5.7684
SDev	.00898	.00353	.03410	.00245	.0213
%RSD	53.546	13.428	116.90	44.494	.36844
#1	.02311	.02376	-.00506	-.00377	5.7534
#2	.01042	.02875	-.05328	-.00722	5.7834

Analysis Report

10/23/06 02:08:06 PM

Method: ILMO53_ Sample Name: X4829-12
Run Time: 10/23/06 14:06:27 Operator: BF
Comment: MH1PS6
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00913	-.00312	.02208	-.00905	.02558	-.03787	.03446
SDev	.00116	.00544	.00116	.00683	.00165	.00116	.00009
%RSD	12.692	174.24	5.2556	75.555	6.4397	3.0634	.26955
#1	.00831	-.00697	.02126	-.01388	.02442	-.03869	.03439
#2	.00995	.00072	.02290	-.00421	.02675	-.03705	.03452

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00802	184.96	.00299	.00039	.01223	.20584
SDev	.00001	.00026	.43	.00031	.00000	.00013	.01705
%RSD	2.8242	3.2016	.23121	10.341	.10396	1.0737	8.2806
#1	.00027	.00784	184.65	.00321	.00039	.01214	.21789
#2	.00026	.00821	185.26	.00277	.00039	.01233	.19379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11175	46.468	.00692	-.00078	68.805	.00077	2.0230
SDev	.00011	.147	.00003	.00061	.174	.00014	.0007
%RSD	.09999	.31736	.40818	77.793	.25361	17.585	.03469
#1	.11167	46.363	.00690	-.00035	68.682	.00086	2.0235
#2	.11183	46.572	.00694	-.00122	68.928	.00067	2.0225

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02109	.02257	-.02177	-.00269	5.9944
SDev	.00293	.00320	.01529	.01788	.0482
%RSD	13.893	14.185	70.212	663.94	.80453
#1	.02316	.02031	-.01096	-.01534	5.9603
#2	.01901	.02484	-.03258	.00995	6.0285

Analysis Report

10/23/06 02:10:26 PM

Method: ILMO53_ Sample Name: X4829-13
Run Time: 10/23/06 14:08:19 Operator: BF
Comment: MH1PS7
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00431	-.00126	.00732	-.00849	.01361	-.03313	.03995
SDev	.00722	.01221	.00023	.00369	.00327	.00427	.00014
%RSD	167.42	972.45	3.0805	43.496	24.024	12.885	.36162
#1	-.00079	-.00989	.00748	-.01110	.01592	-.03011	.04005
#2	.00941	.00738	.00716	-.00588	.01130	-.03615	.03985

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00312	125.24	.01178	.00017	.01005	.20233
SDev	.00001	.00041	.62	.00075	.00091	.00040	.00324
%RSD	2.5974	13.125	.49878	6.3381	539.00	4.0183	1.6027
#1	.00029	.00341	125.68	.01230	.00081	.01034	.20004
#2	.00028	.00283	124.80	.01125	-.00048	.00976	.20462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06989	32.205	.02448	-.00068	45.969	.00084	1.3458
SDev	.00039	.164	.00022	.00060	.204	.00019	.0067
%RSD	.55247	.50880	.91602	88.030	.44402	23.170	.49933
#1	.07017	32.321	.02464	-.00111	46.113	.00097	1.3506
#2	.06962	32.089	.02432	-.00026	45.825	.00070	1.3411

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00725	.00736	.00128	-.01337	3.1564
SDev	.00197	.00064	.00078	.00515	.0335
%RSD	27.108	8.7453	61.053	38.482	1.0618
#1	.00864	.00690	.00073	-.01701	3.1801
#2	.00586	.00781	.00184	-.00973	3.1327

Analysis Report

10/23/06 02:12:51 PM

Method: ILMO53_ Sample Name: X4829-14
Run Time: 10/23/06 14:11:09 Operator: BF
Comment: MH1PS8
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01179	.00186	.08505	-.00059	.01195	.02749	.05328
SDev	.00515	.00210	.00151	.01198	.01034	.00065	.00003
%RSD	43.732	112.89	1.7742	2046.7	86.514	2.3507	.05810
#1	.00814	.00334	.08612	.00789	.00464	.02703	.05326
#2	.01543	.00037	.08398	-.00906	.01926	.02795	.05330

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00233	128.46	.00467	-.00028	.01152	.48702
SDev	.00001	.00007	.05	.00006	.00030	.00014	.00871
%RSD	2.5332	2.9560	.03946	1.3786	109.33	1.1828	1.7888
#1	.00030	.00238	128.42	.00472	-.00049	.01143	.48086
#2	.00031	.00228	128.50	.00463	-.00006	.01162	.49318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24309	31.848	.00439	-.00066	55.346	.00091	.63738
SDev	.00027	.029	.00008	.00099	.034	.00010	.00186
%RSD	.11249	.09180	1.9134	150.32	.06219	10.559	.29139
#1	.24289	31.828	.00433	.00004	55.322	.00098	.63869
#2	.24328	31.869	.00445	-.00136	55.371	.00084	.63606

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.08395	.08560	-.00033	-.00071	2.8437
SDev	.00336	.00058	.02470	.00563	.0016
%RSD	4.0084	.68012	7432.0	791.39	.05749
#1	.08633	.08601	.01713	.00327	2.8449
#2	.08157	.08518	-.01780	-.00469	2.8426

Analysis Report QC Standard 10/23/06 02:14:50 PM page 1

Method: ILMO53_ Sample Name: CCV
Run Time: 10/23/06 14:13:00 Operator: BF
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0509	5.0728	4.9782	5.1606	4.9444	9.4668	10.050
SDev	.0454	.0294	.0288	.0026	.0234	.0552	.057
%RSD	.89827	.58002	.57891	.05060	.47393	.58263	.56611
#1	5.0830	5.0936	4.9986	5.1588	4.9610	9.5058	10.090
#2	5.0188	5.0520	4.9578	5.1625	4.9278	9.4278	10.009

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25377	2.5479	24.691	.99748	2.3604	1.2499	5.1785
SDev	.00161	.0152	.180	.00624	.0121	.0073	.0378
%RSD	.63391	.59802	.72703	.62590	.51338	.58228	.73014
#1	.25490	2.5587	24.818	1.0019	2.3690	1.2551	5.2052
#2	.25263	2.5371	24.564	.99307	2.3518	1.2448	5.1518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4986	24.997	2.4866	1.2455	25.451	2.5694	2.6169
SDev	.0158	.147	.0134	.0086	.237	.0167	.0165
%RSD	.63389	.58610	.54041	.69003	.93090	.65178	.62903
#1	2.5098	25.101	2.4961	1.2516	25.619	2.5812	2.6285
#2	2.4874	24.894	2.4771	1.2394	25.284	2.5575	2.6052

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9362	4.9992	5.1115	5.1852	23.254
SDev	.0186	.0339	.0231	.0154	.170
%RSD	.37666	.67861	.45186	.29789	.73115
#1	4.9494	5.0232	5.1278	5.1743	23.374
#2	4.9231	4.9752	5.0952	5.1961	23.134

Analysis Report QC Standard 10/23/06 02:16:49 PM

Method: ILMO53_ Sample Name: CCB
Run Time: 10/23/06 14:15:13 Operator: BF
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.00265	-.00035	-.01645	.00221	-.05878	.00056
SDev	.00335	.00462	.00008	.00327	.00755	.00103	.00012
%RSD	69.380	174.19	23.847	19.880	342.24	1.7562	22.040
#1	.00720	.00592	-.00041	-.01877	.00755	-.05951	.00047
#2	.00246	-.00061	-.00029	-.01414	-.00313	-.05805	.00065

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00021	-.15119	.00011	.00043	-.00038	-.02870
SDev	.00002	.00012	.00267	.00027	.00000	.00047	.00834
%RSD	6.5655	57.349	1.7646	248.54	.09130	122.79	29.060
#1	.00027	.00012	-.14930	-.00008	.00043	-.00072	-.03460
#2	.00030	.00029	-.15307	.00030	.00043	-.00005	-.02280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	-.04112	-.00012	-.00090	.02264	.00047	-.00164
SDev	.00008	.00289	.00053	.00114	.00000	.00004	.00046
%RSD	48.815	7.0320	449.93	126.95	.00000	7.8944	28.352
#1	.00011	-.04317	-.00049	-.00170	.02264	.00050	-.00131
#2	.00022	-.03908	.00026	-.00009	.02264	.00045	-.00197

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	.00039	-.01608	-.01664	.07745
SDev	.00065	.00020	.00196	.00588	.03760
%RSD	35.457	50.915	12.198	35.351	48.548
#1	-.00229	.00053	-.01469	-.02080	.05086
#2	-.00137	.00025	-.01746	-.01248	.10404

Analysis Report

10/23/06 02:18:52 PM

Method: ILMO53_ Sample Name: X4829-15 Operator: BF
Run Time: 10/23/06 14:17:12
Comment: MH1PS9
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00695	.00046	.01401	-.00866	.02163	-.03941	.04404
SDev	.00271	.01599	.00078	.00128	.00065	.00361	.00010
%RSD	38.917	3471.6	5.5522	14.750	3.0068	9.1588	.23434
#1	.00887	.01177	.01456	-.00776	.02117	-.03686	.04411
#2	.00504	-.01085	.01346	-.00957	.02209	-.04196	.04396

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.01527	176.86	.00254	.00275	.01759	.42654
SDev	.00000	.00012	.13	.00040	.00030	.00000	.00155
%RSD	1.0801	.78108	.07369	15.560	11.083	.00460	.36365
#1	.00033	.01518	176.77	.00226	.00253	.01759	.42545
#2	.00033	.01535	176.96	.00282	.00296	.01759	.42764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43342	43.335	.00793	.00036	112.55	.00070	2.2864
SDev	.00041	.008	.00006	.00014	.02	.00027	.0028
%RSD	.09456	.01853	.70508	37.067	.01565	38.549	.12174
#1	.43313	43.341	.00797	.00027	112.54	.00051	2.2884
#2	.43371	43.330	.00789	.00046	112.56	.00089	2.2845

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01242	.01481	-.01358	-.00621	6.2048
SDev	.00439	.00103	.00549	.00466	.0090
%RSD	35.355	6.9261	40.403	75.004	.14491
#1	.01552	.01408	-.01746	-.00291	6.2111
#2	.00931	.01553	-.00970	-.00950	6.1984

Analysis Report 10/23/06 02:20:41 PM

Method: ILMO53_ Sample Name: X4829-16 Operator: BF
Run Time: 10/23/06 14:19:05
Comment: MH1PT0
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00414	.00180	.01192	-.01320	.01476	-.01055	.03859
SDev	.00502	.01051	.00175	.00248	.00032	.00569	.00013
%RSD	121.42	585.16	14.713	18.814	2.1406	53.925	.34767
#1	.00769	.00923	.01316	-.01144	.01454	-.01457	.03849
#2	.00059	-.00564	.01068	-.01495	.01499	-.00653	.03868

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00932	162.34	.01593	.00529	.01235	1.9479
SDev	.00002	.00032	.08	.00082	.00030	.00054	.0004
%RSD	4.9011	3.4745	.04625	5.1587	5.7427	4.3534	.01873
#1	.00044	.00909	162.29	.01535	.00508	.01197	1.9477
#2	.00047	.00955	162.39	.01651	.00551	.01273	1.9482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60705	40.880	.01260	-.00093	117.12	.00081	2.1566
SDev	.00049	.029	.00070	.00080	.11	.00040	.0032
%RSD	.08025	.07073	5.5553	85.460	.09226	49.997	.15052
#1	.60671	40.859	.01210	-.00150	117.04	.00052	2.1543
#2	.60740	40.900	.01309	-.00037	117.20	.00110	2.1589

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00977	.01298	-.03083	-.00439	5.8765
SDev	.00465	.00031	.00353	.00196	.0564
%RSD	47.587	2.3577	11.447	44.624	.95978
#1	.01306	.01320	-.02833	-.00301	5.8366
#2	.00649	.01277	-.03333	-.00578	5.9164

Analysis Report

10/23/06 02:22:42 PM

Method: ILMO53_ Sample Name: X4829-17
Run Time: 10/23/06 14:21:02 Operator: BF
Comment: MH1PT1
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01226	-.00394	.17717	-.00082	.00905	.86948	.69854
SDev	.00309	.00503	.00049	.00989	.00082	.00581	.00030
%RSD	25.227	127.73	.27652	1209.0	9.0432	.66856	.04284
#1	.01445	-.00750	.17752	-.00781	.00847	.86537	.69833
#2	.01007	-.00038	.17683	.00618	.00963	.87359	.69875

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00099	265.35	.00270	.00294	.02640	2.5155
SDev	.00000	.00012	.41	.00023	.00030	.00040	.0119
%RSD	.73937	11.994	.15340	8.6242	10.344	1.5202	.47371
#1	.00053	.00107	265.06	.00254	.00273	.02611	2.5239
#2	.00052	.00090	265.64	.00287	.00316	.02668	2.5070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7215	70.287	.00534	.00008	149.79	.00787	.24822
SDev	.0035	.158	.00020	.00126	.12	.00012	.00092
%RSD	.12953	.22490	3.6716	1526.8	.08336	1.4684	.37116
#1	2.7190	70.175	.00521	-.00081	149.88	.00779	.24757
#2	2.7240	70.399	.00548	.00097	149.70	.00795	.24888

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.17521	.17815	.00762	-.00503	20.804
SDev	.00208	.00030	.01058	.00955	.028
%RSD	1.1854	.16975	138.77	189.66	.13359
#1	.17668	.17794	.00014	-.01178	20.785
#2	.17374	.17837	.01511	.00172	20.824

Analysis Report

10/23/06 02:24:38 PM

Method: ILMO53_ Sample Name: X4829-18
Run Time: 10/23/06 14:23:00 Operator: BF
Comment: MH1PT1D
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01263	.00235	.17808	-.00869	.00546	.87158	.69788
SDev	.00619	.00042	.00051	.00262	.00164	.00388	.00169
%RSD	48.984	17.986	.28490	30.127	30.096	.44479	.24250
#1	.00825	.00265	.17843	-.01054	.00430	.86884	.69908
#2	.01700	.00205	.17772	-.00684	.00662	.87432	.69668

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.00116	265.37	.00220	.00294	.02545	2.5314
SDev	.00000	.00012	.53	.00012	.00030	.00026	.0179
%RSD	.76852	10.220	.20021	5.4927	10.277	1.0410	.70585
#1	.00054	.00124	265.74	.00211	.00316	.02526	2.5441
#2	.00053	.00107	264.99	.00229	.00273	.02564	2.5188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7184	70.195	.00483	-.00061	149.42	.00798	.24626
SDev	.0045	.125	.00020	.00119	.28	.00042	.00139
%RSD	.16570	.17804	4.0613	193.32	.18802	5.2825	.56289
#1	2.7216	70.283	.00469	-.00145	149.62	.00768	.24724
#2	2.7152	70.107	.00497	.00023	149.22	.00828	.24528

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.17545	.17939	-.00041	-.01282	20.699
SDev	.00077	.00038	.00001	.00392	.102
%RSD	.43774	.21026	1.6226	30.584	.49364
#1	.17600	.17965	-.00042	-.01559	20.771
#2	.17491	.17912	-.00041	-.01005	20.626

Analysis Report

10/23/06 02:26:50 PM

Method: ILMO53_ Sample Name: ~~X4829-19~~ zzzzzz 10/23/06BF

Run Time: 10/23/06 14:25:15 Operator: BF

Comment: ~~MH1PT1S~~ zzzzzz 10/23/06BF

Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03110	.01639	.18530	.02034	.05880	1.8400	1.7083
SDev	.00193	.00419	.00054	.01585	.00558	.0071	.0025
%RSD	6.2133	25.578	.29254	77.934	9.4915	.38589	.14739
#1	.02973	.01343	.18568	.03154	.05485	1.8349	1.7066
#2	.03247	.01936	.18491	.00913	.06274	1.8450	1.7101

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02605	.02547	263.08	.09959	.22684	.15272	3.0144
SDev	.00004	.00027	.13	.00011	.00061	.00020	.0138
%RSD	.15888	1.0670	.05113	.10647	.26925	.13412	.45852
#1	.02602	.02566	262.99	.09951	.22727	.15286	3.0242
#2	.02608	.02528	263.18	.09966	.22641	.15257	3.0046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9329	69.522	.24038	.03072	148.20	.26450	.49180
SDev	.0030	.092	.00090	.00079	.02	.00025	.00394
%RSD	.10161	.13218	.37262	2.5658	.01296	.09419	.80116
#1	2.9308	69.457	.23975	.03016	148.21	.26433	.48901
#2	2.9350	69.587	.24101	.03127	148.19	.26468	.49458

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.18306	.18641	.01522	.02289	20.467
SDev	.00400	.00119	.01960	.01397	.004
%RSD	2.1863	.63594	128.80	61.048	.01997
#1	.18589	.18557	.02908	.03277	20.470
#2	.18023	.18725	.00136	.01301	20.464

Analysis Report

10/23/06 02:30:49 PM

Method: ILMO53_ Sample Name: X4829-17LX5 Operator: BF
Run Time: 10/23/06 14:27:12
Comment: MH1PT1L
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00914	-.01156	.03756	-.00386	.00123	.13541	.15053
SDev	.00245	.00083	.00197	.00492	.00623	.00816	.00126
%RSD	26.782	7.1641	5.2378	127.60	507.00	6.0240	.83636
#1	.00741	-.01215	.03616	-.00733	.00564	.14118	.15142
#2	.01087	-.01098	.03895	-.00038	-.00318	.12964	.14964

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00038	57.644	.00047	-.00015	.00360	.53241
SDev	.00002	.00032	.629	.00046	.00183	.00101	.01169
%RSD	4.9324	84.228	1.0909	96.853	1183.5	27.984	2.1953
#1	.00038	.00016	58.088	.00080	.00114	.00432	.52415
#2	.00035	.00061	57.199	.00015	-.00144	.00289	.54067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60122	15.185	.00142	-.00140	38.425	.00187	.05494
SDev	.00583	.173	.00036	.00272	.303	.00102	.00115
%RSD	.96906	1.1426	25.638	194.46	.78741	54.349	2.0976
#1	.60534	15.307	.00116	.00052	38.639	.00259	.05576
#2	.59710	15.062	.00167	-.00332	38.211	.00115	.05413

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03298	.03984	-.01573	.00207	3.5639
SDev	.00456	.00523	.01371	.01422	.0098
%RSD	13.827	13.116	87.175	686.02	.27523
#1	.03620	.03615	-.00603	-.00798	3.5709
#2	.02975	.04354	-.02543	.01213	3.5570

Analysis Report 10/23/06 02:34:50 PM

Method: ILMO53_ Sample Name: X4829-19 Operator: BF
Run Time: 10/23/06 14:33:03
Comment: MH1PT1S
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05240	.05146	.19187	.04549	.10613	2.7939	2.7075
SDev	.00245	.00339	.00066	.00603	.00328	.0010	.0020
%RSD	4.6732	6.5902	.34554	13.257	3.0915	.03729	.07318
#1	.05066	.04907	.19234	.04123	.10381	2.7931	2.7061
#2	.05413	.05386	.19141	.04976	.10845	2.7946	2.7089

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05138	.04996	259.16	.19528	.44774	.27836	3.4727
SDev	.00002	.00039	.00	.00018	.00030	.00027	.0016
%RSD	.03592	.78503	.00073	.09376	.06755	.09637	.04684
#1	.05137	.04968	259.16	.19515	.44752	.27855	3.4739
#2	.05139	.05024	259.16	.19541	.44795	.27817	3.4716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1402	68.817	.47338	.06260	147.17	.51921	.72995
SDev	.0003	.013	.00034	.00053	.14	.00057	.00162
%RSD	.00806	.01961	.07092	.85300	.09410	.11069	.22256
#1	3.1400	68.807	.47362	.06298	147.26	.51880	.73110
#2	3.1404	68.826	.47314	.06222	147.07	.51961	.72880

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.19051	.19256	.05775	.03937	20.381
SDev	.00097	.00051	.02940	.00564	.006
%RSD	.51071	.26396	50.910	14.315	.02808
#1	.19120	.19292	.03696	.04336	20.385
#2	.18982	.19220	.07854	.03539	20.377

Analysis Report QC Standard 10/23/06 02:44:03 PM

Method: ILMO53_ Sample Name: CRI
Run Time: 10/23/06 14:38:26 Operator: BF
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01186	.03160	.00906	.02715	.06702	.12737	.20335
SDev	.00374	.00675	.00015	.00810	.00361	.00323	.00020
%RSD	31.499	21.367	1.6172	29.825	5.3821	2.5333	.09642
#1	.00922	.02682	.00896	Q.02143	.06957	.12508	.20349
#2	Q.01451	.03637	.00917	.03288	.06446	.12965	.20321

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00525	4.6909	.00993	.04586	.02354	.08180
SDev	.00004	.00024	.0244	.00016	.00061	.00007	.00204
%RSD	.69267	4.5397	.51999	1.6020	1.3269	.28827	2.4925
#1	.00551	.00508	4.7081	.01004	.04629	.02359	.08036
#2	.00545	.00542	4.6736	.00981	.04543	.02350	.08324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01546	4.7927	.04025	.01230	4.2625	.05105	.06606
SDev	.00012	.0308	.00006	.00060	.0120	.00021	.00047
%RSD	.75038	.64356	.13960	4.8754	.28168	.41137	.70441
#1	.01554	4.8145	.04029	.01187	4.2540	.05090	.06573
#2	.01538	4.7709	.04021	.01272	4.2709	.05120	.06639

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00857	.00931	.01769	.03188	3.6142
SDev	.00026	.00035	.01450	.00490	.0090
%RSD	2.9856	3.7343	82.013	15.372	.24878
#1	.00875	.00906	.00743	.02842	3.6078
#2	.00839	.00955	.02794	.03535	3.6206

Analysis Report QC Standard 10/23/06 02:47:22 PM

Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/23/06 14:45:37
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00516	.00530	.00116	.00541	.00158	226.88	.00232
SDev	.00541	.01518	.00187	.01562	.00148	.01	.00001
%RSD	104.86	286.54	160.70	288.43	93.889	.00427	.44472
#1	.00899	-.00544	-.00016	.01646	.00263	226.89	.00233
#2	.00133	.01603	.00248	-.00563	.00053	226.87	.00231

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00031	230.59	.03658	.00141	-.00058	94.572
SDev	.00000	.00012	.18	.00009	.00030	.00013	.018
%RSD	.57389	38.878	.08000	.25099	21.501	22.477	.01928
#1	.00069	.00040	230.72	.03652	.00120	-.00049	94.559
#2	.00069	.00022	230.46	.03665	.00163	-.00067	94.585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01985	243.05	.01008	.00146	.88973	.00048	.02837
SDev	.00002	.10	.00036	.00065	.00160	.00023	.00093
%RSD	.11902	.03979	3.6100	44.730	.17992	47.460	3.2843
#1	.01983	243.11	.01034	.00193	.89087	.00065	.02771
#2	.01986	242.98	.00983	.00100	.88860	.00032	.02903

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.03427	.01885	.01500	.00063	.16357
SDev	.00383	.00089	.00667	.02008	.00899
%RSD	11.179	4.6955	44.425	3207.8	5.4969
#1	-.03698	.01822	.01972	.01483	.16993
#2	-.03156	.01948	.01029	-.01358	.15721

Analysis Report QC Standard 10/23/06 02:49:44 PM page 1

Method: ILMO53_ Sample Name: ICSAB Operator: BF
Run Time: 10/23/06 14:48:08
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10179	.09635	.04799	.04109	.61325	227.93	.49140
SDev	.00682	.00758	.00226	.01295	.00243	.14	.00004
%RSD	6.6963	7.8650	4.7074	31.512	.39615	.06004	.00840
#1	.09697	.09100	.04639	.05025	.61497	228.02	.49143
#2	.10661	.10171	.04959	Q.03194	.61154	227.83	.49137

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47910	.92404	232.13	.48781	.41657	.47891	95.692
SDev	.00142	.00194	.80	.00103	.00091	.00063	.228
%RSD	.29727	.21037	.34561	.21023	.21780	.13175	.23785
#1	.48011	.92541	232.70	.48854	.41721	.47847	95.853
#2	.47809	.92266	231.57	.48709	.41592	.47936	95.531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49023	244.05	.90805	.19543	.89822	.48894	.96999
SDev	.00085	.98	.00280	.00123	.00080	.00085	.00366
%RSD	.17280	.40167	.30786	.62938	.08912	.17290	.37772
#1	.49083	244.74	.91003	.19630	.89879	.48954	.97258
#2	.48963	243.35	.90607	.19456	.89766	.48835	.96740

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01097	.06647	.04539	.03895	.14797
SDev	.00486	.00096	.00782	.01551	.01144
%RSD	44.311	1.4435	17.227	39.823	7.7340
#1	.00753	.06579	.05091	.04991	.15606
#2	.01441	.06715	.03986	.02798	.13987

Analysis Report QC Standard 10/23/06 02:51:56 PM

Method: ILM053_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 14:50:01
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9987	5.0246	4.9124	5.1289	4.9192	9.2713	9.8880
SDev	.0222	.0100	.0011	.0036	.0164	.0152	.0173
%RSD	.44344	.19823	.02334	.06934	.33354	.16374	.17523
#1	4.9831	5.0317	4.9132	5.1314	4.9076	9.2606	9.8758
#2	5.0144	5.0176	4.9115	5.1264	4.9308	9.2821	9.9003

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25003	2.5106	24.262	.97544	2.2964	1.2354	5.1318
SDev	.00050	.0048	.007	.00113	.0061	.0010	.0085
%RSD	.19861	.19281	.02828	.11568	.26432	.07707	.16486
#1	.24968	2.5072	24.257	.97464	2.2921	1.2347	5.1258
#2	.25038	2.5140	24.267	.97624	2.3007	1.2360	5.1378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4434	24.617	2.4421	1.2163	25.209	2.5302	2.5859
SDev	.0030	.028	.0054	.0009	.020	.0031	.0005
%RSD	.12294	.11224	.22012	.07665	.07939	.12117	.01802
#1	2.4413	24.598	2.4383	1.2156	25.194	2.5280	2.5862
#2	2.4456	24.637	2.4459	1.2170	25.223	2.5324	2.5856

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8938	4.9216	5.1041	5.1412	22.980
SDev	.0050	.0042	.0180	.0037	.006
%RSD	.10130	.08522	.35341	.07146	.02490
#1	4.8903	4.9246	5.1169	5.1386	22.985
#2	4.8973	4.9187	5.0914	5.1438	22.976

Analysis Report QC Standard 10/23/06 02:53:56 PM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 14:52:20
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00629	-.00357	-.00039	-.01194	.00256	-.04528	.00050
SDev	.00309	.00165	.00139	.00977	.00344	.00001	.00003
%RSD	49.208	46.307	354.55	81.785	134.64	.01107	6.2392
#1	.00410	-.00240	-.00137	-.00504	.00012	-.04528	.00052
#2	.00847	-.00474	.00059	-.01885	.00499	-.04527	.00047

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00018	-.13637	-.00017	-.00022	.00028	-.00673
SDev	.00001	.00002	.00152	.00011	.00030	.00020	.01227
%RSD	1.9295	8.9261	1.1179	62.472	141.12	70.164	182.44
#1	.00038	.00017	-.13529	-.00025	-.00043	.00042	-.01541
#2	.00039	.00019	-.13744	-.00010	-.00000	.00014	.00195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.02567	.00020	-.00126	.01641	.00038	-.00115
SDev	.00006	.00032	.00008	.00007	.00240	.00025	.00023
%RSD	24.445	1.2515	42.362	5.8576	14.630	65.848	20.199
#1	.00027	-.02544	.00014	-.00131	.01811	.00020	-.00131
#2	.00019	-.02590	.00026	-.00121	.01472	.00055	-.00098

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00216	.00049	-.01331	-.01126	.10288
SDev	.00155	.00285	.00431	.01249	.03760
%RSD	71.617	583.40	32.418	110.90	36.547
#1	-.00106	-.00153	-.01026	-.00243	.07630
#2	-.00325	.00251	-.01636	-.02010	.12947

Analysis Report 10/23/06 03:09:26 PM page 1

Method: ILMO53_ Sample Name: X4829-20 Operator: BF
Run Time: 10/23/06 15:07:41
Comment: MH1PT2
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01387	-.00159	.01709	-.01017	.01712	-.04154	.05380
SDev	.00554	.00125	.00017	.01072	.00149	.00298	.00045
%RSD	39.949	78.272	1.0216	105.39	8.6982	7.1681	.84397
#1	.00995	-.00071	.01696	-.01775	.01817	-.04365	.05348
#2	.01779	-.00248	.01721	-.00259	.01607	-.03944	.05412

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00168	125.10	.00120	-.00178	.00301	.39570
SDev	.00000	.00024	1.00	.00066	.00122	.00289	.00774
%RSD	.01302	14.209	.80183	55.159	68.274	96.109	1.9556
#1	.00035	.00185	125.81	.00073	-.00264	.00096	.39023
#2	.00035	.00151	124.39	.00167	-.00092	.00505	.40117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09834	32.165	.00286	-.00533	57.991	.00044	.42117
SDev	.00015	.409	.00022	.00466	.955	.00006	.00416
%RSD	.14898	1.2706	7.8132	87.562	1.6467	13.628	.98741
#1	.09824	32.454	.00302	-.00863	58.666	.00039	.42411
#2	.09844	31.876	.00270	-.00203	57.315	.00048	.41823

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00804	.02160	-.02565	-.00244	3.4605
SDev	.00644	.00295	.01058	.01078	.1839
%RSD	80.075	13.676	41.255	442.46	5.3148
#1	.00349	.02369	-.03314	-.01006	3.5905
#2	.01260	.01951	-.01817	.00519	3.3304

Analysis Report 10/23/06 03:11:16 PM page 1

Method: ILMO53_ Sample Name: X4829-21 Operator: BF
Run Time: 10/23/06 15:09:33
Comment: MH1PT3
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00666	.00010	-.00109	-.00782	.01585	-.03842	.02293
SDev	.00283	.00167	.00020	.00070	.00328	.00323	.00012
%RSD	42.563	1609.0	18.452	9.0115	20.715	8.4043	.53995
#1	.00466	-.00108	-.00095	-.00732	.01352	-.03614	.02285
#2	.00867	.00129	-.00123	-.00831	.01817	-.04070	.02302

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.01649	165.28	.00286	.00127	.01250	.10044
SDev	.00000	.00026	.89	.00008	.00000	.00013	.00599
%RSD	.98846	1.5476	.53799	2.7660	.01848	1.0656	5.9615
#1	.00039	.01631	164.65	.00292	.00127	.01260	.09621
#2	.00039	.01667	165.90	.00281	.00127	.01241	.10468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4925	33.015	.00548	-.00133	72.685	.00052	4.4763
SDev	.0089	.160	.00011	.00006	.145	.00010	.0174
%RSD	.59827	.48367	2.0444	4.8263	.19932	18.329	.38852
#1	1.4862	32.902	.00556	-.00128	72.582	.00059	4.4640
#2	1.4988	33.128	.00540	-.00137	72.787	.00046	4.4886

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00507	.00090	-.01537	-.00405	4.2910
SDev	.00023	.00019	.01410	.00810	.0213
%RSD	4.5260	20.905	91.760	200.06	.49528
#1	-.00491	.00103	-.02534	.00168	4.2760
#2	-.00524	.00076	-.00540	-.00977	4.3061

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Method: ILMO53_ Sample Name: X4829-22 Operator: BF
Run Time: 10/23/06 15:11:27
Comment: MH1PT4
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00834	-.00870	.03403	.00066	.01336	-.01596	.04992
SDev	.00258	.00588	.00088	.01722	.00116	.00322	.00002
%RSD	30.907	67.559	2.5765	2611.9	8.6826	20.201	.04134
#1	.00651	-.00454	.03465	-.01152	.01254	-.01368	.04990
#2	.01016	-.01286	.03341	.01283	.01418	-.01824	.04993

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00165	125.64	.01810	.00058	.01245	.36339
SDev	.00001	.00022	.01	.00054	.00030	.00040	.00121
%RSD	1.9187	13.430	.00819	2.9962	52.033	3.2374	.33444
#1	.00041	.00149	125.65	.01848	.00080	.01274	.36253
#2	.00040	.00181	125.63	.01771	.00037	.01217	.36425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19758	30.351	.01316	-.00034	58.564	.00065	.49948
SDev	.00018	.005	.00011	.00073	.154	.00036	.00069
%RSD	.08893	.01693	.85020	216.93	.26242	55.355	.13924
#1	.19746	30.354	.01308	.00018	58.673	.00040	.49998
#2	.19771	30.347	.01323	-.00085	58.455	.00091	.49899

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03270	.03469	-.00914	.00555	3.0108
SDev	.00174	.00045	.01294	.01936	.0221
%RSD	5.3119	1.2894	141.57	348.74	.73303
#1	.03393	.03501	-.01828	-.00814	3.0264
#2	.03147	.03438	.00001	.01924	2.9952

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Method: ILMO53_ Sample Name: PB22265BL Operator: BF
Run Time: 10/23/06 15:13:45
Comment: PBS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00346	-.00357	-.00147	-.01036	.00152	-.05979	-.00005
SDev	.00503	.00505	.00024	.00686	.00722	.00194	.00008
%RSD	145.22	141.19	16.232	66.165	476.15	3.2392	161.62
#1	.00701	-.00001	-.00130	-.01521	.00662	-.06116	-.00011
#2	-.00009	-.00714	-.00164	-.00551	-.00359	-.05842	.00001

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00001	-.14607	-.00003	-.00108	-.00091	-.02912
SDev	.00002	.00015	.00305	.00015	.00030	.00067	.00037
%RSD	6.0000	1530.2	2.0874	438.58	28.306	73.802	1.2641
#1	.00036	.00010	-.14391	.00007	-.00086	-.00138	-.02886
#2	.00039	-.00012	-.14822	-.00014	-.00129	-.00043	-.02938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.03998	-.00004	-.00094	.02094	.00107	-.00197
SDev	.00000	.00129	.00048	.00080	.00080	.00015	.00093
%RSD	.02514	3.2141	1207.0	84.704	3.8222	14.278	47.199
#1	.00013	-.04089	.00030	-.00151	.02151	.00096	-.00262
#2	.00013	-.03908	-.00038	-.00038	.02038	.00118	-.00131

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00231	-.00105	.00361	-.01733	.12658
SDev	.00014	.00043	.01568	.00245	.01063
%RSD	5.8451	40.417	434.93	14.133	8.3949
#1	-.00241	-.00075	-.00748	-.01907	.13409
#2	-.00222	-.00136	.01469	-.01560	.11907

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Method: ILMO53_ Sample Name: PB22265BS Operator: BF
Run Time: 10/23/06 15:15:47
Comment: LCSS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2970	.08363	.50347	.08554	.72465	.74534	.01512
SDev	.0071	.00336	.00398	.01126	.00463	.00296	.00009
%RSD	.30918	4.0194	.78954	13.159	.63838	.39752	.61428
#1	2.2920	.08601	.50066	.09350	.72792	.74743	.01519
#2	2.3020	.08125	.50628	.07758	.72138	.74324	.01505

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04503	.09618	417.11	.24870	.30686	15.581	61.107
SDev	.00018	.00026	2.03	.00064	.00030	.057	.245
%RSD	.39388	.26517	.48756	.25718	.09726	.36519	.40125
#1	.04490	.09600	415.67	.24824	.30665	15.541	60.934
#2	.04515	.09636	418.55	.24915	.30707	15.621	61.281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54331	262.55	.14137	.06892	.69560	.16495	.41631
SDev	.00215	1.22	.00064	.00078	.00400	.00037	.00226
%RSD	.39531	.46464	.45265	1.1385	.57535	.22169	.54321
#1	.54179	261.69	.14092	.06948	.69843	.16469	.41471
#2	.54482	263.42	.14182	.06837	.69277	.16521	.41791

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.49693	.50674	.06710	.09474	.39824
SDev	.00475	.00359	.01531	.00923	.01063
%RSD	.95503	.70851	22.820	9.7437	2.6683
#1	.49357	.50420	.07793	.10127	.39072
#2	.50028	.50928	.05627	.08822	.40575

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Method: ILMO53_ Sample Name: X4830-01 Operator: BF
Run Time: 10/23/06 15:18:22
Comment: MH1PR2
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2875	-.00954	25.217	.09166	.64026	40.074	1.1853
SDev	.0061	.00073	.008	.00234	.00372	.048	.0004
%RSD	.47329	7.6715	.03003	2.5502	.58148	.12079	.03135
#1	1.2832	-.01006	25.211	.09331	.63763	40.039	1.1850
#2	1.2918	-.00902	25.222	.09001	.64289	40.108	1.1856

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.30722	75.847	.12013	.11166	1.5145	417.72
SDev	.00001	.00014	.016	.00064	.00123	.0086	.69
%RSD	1.6086	.04476	.02110	.53474	1.1050	.56859	.16534
#1	.00071	.30712	75.858	.12058	.11253	1.5206	417.23
#2	.00073	.30732	75.835	.11967	.11079	1.5084	418.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6385	28.491	.08104	.15327	2.0053	.27757	49.083
SDev	.0044	.016	.00016	.00106	.0024	.00027	.032
%RSD	.06647	.05525	.19314	.69482	.11975	.09728	.06519
#1	6.6354	28.480	.08093	.15402	2.0036	.27776	49.061
#2	6.6416	28.502	.08115	.15251	2.0070	.27738	49.106

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	25.079	25.285	.08160	.09668	7.5764
SDev	.077	.027	.02738	.01717	.0000
%RSD	.30843	.10783	33.550	17.760	.00000
#1	25.024	25.305	.06224	.10883	7.5764
#2	25.134	25.266	.10095	.08454	7.5764

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Method: ILMO53_ Sample Name: X4830-02 Operator: BF
Run Time: 10/23/06 15:20:11
Comment: MH1PR3
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40023	-.01342	9.3292	.00001	.45661	34.312	.75874
SDev	.01175	.01963	.0111	.00582	.00062	.053	.00096
%RSD	2.9355	146.23	.11947	51795.	.13497	.15393	.12648
#1	.40854	.00046	9.3213	-.00411	.45705	34.349	.75942
#2	.39192	-.02730	9.3371	.00413	.45618	34.274	.75806

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.10665	60.421	.06476	.06352	.79670	131.49
SDev	.00000	.00040	.147	.00049	.00029	.00302	.39
%RSD	.87454	.37831	.24411	.75129	.46283	.37920	.29924
#1	.00050	.10636	60.526	.06510	.06373	.79883	131.77
#2	.00051	.10693	60.317	.06441	.06332	.79456	131.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9571	21.882	.04007	.03925	2.1004	.20500	20.823
SDev	.0140	.059	.00036	.00088	.0056	.00084	.032
%RSD	.15599	.27163	.89257	2.2528	.26676	.41154	.15481
#1	8.9670	21.924	.04032	.03987	2.1043	.20559	20.845
#2	8.9473	21.840	.03982	.03862	2.0964	.20440	20.800

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	9.2560	9.3658	-.02891	.01445	6.4088
SDev	.0051	.0142	.00593	.00577	.0229
%RSD	.05504	.15126	20.518	39.927	.35712
#1	9.2524	9.3557	-.03310	.01037	6.4250
#2	9.2596	9.3758	-.02472	.01853	6.3926

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Method: ILMO53_ Sample Name: X4830-03 Operator: BF
Run Time: 10/23/06 15:22:14
Comment: MH1PR4
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4777	.01369	82.613	.44580	1.6404	4.6146	.67271
SDev	.0107	.02653	.251	.00145	.0074	.0090	.00013
%RSD	.23887	193.73	.30350	.32500	.45002	.19594	.01995
#1	4.4853	.03245	82.436	.44683	1.6457	4.6210	.67281
#2	4.4701	-.00506	82.790	.44478	1.6352	4.6082	.67262

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.33019	166.24	.04193	.11620	2.1351	H1185.9
SDev	.00000	.00026	.10	.00032	.00030	.0012	.0
%RSD	.40026	.07768	.05754	.76274	.26187	.05648	.00098
#1	.00084	.33037	166.31	.04216	.11598	2.1359	H1185.9
#2	.00084	.33001	166.17	.04171	.11641	2.1342	H1185.9

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5978	57.373	.12591	.30965	1.6550	.03168	42.394
SDev	.0037	.022	.00028	.00385	.0000	.00054	.012
%RSD	.03818	.03921	.22238	1.2438	.00000	1.6948	.02737
#1	9.6004	57.389	.12611	.31238	1.6550	.03206	42.402
#2	9.5952	57.357	.12571	.30693	1.6550	.03130	42.386

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	81.461	83.188	.37899	.47916	1.6513
SDev	.155	.298	.02940	.01250	.0123
%RSD	.19086	.35857	7.7568	2.6096	.74250
#1	81.351	82.977	.39977	.47032	1.6600
#2	81.571	83.399	.35820	.48800	1.6427

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Method: ILMO53_ Sample Name: X4830-04 Operator: BF
Run Time: 10/23/06 15:24:42
Comment: MH1PR4D
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4984	.05283	82.903	.44092	1.6520	4.6288	.67564
SDev	.0078	.01417	.163	.00993	.0090	.0072	.00029
%RSD	.17418	26.813	.19607	2.2512	.54665	.15621	.04276
#1	4.5039	.06285	82.788	.44794	1.6583	4.6339	.67584
#2	4.4928	.04281	83.018	.43390	1.6456	4.6237	.67543

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.33202	167.72	.04188	.11762	2.1444	H1198.7
SDev	.00000	.00026	.10	.00041	.00035	.0025	1.9
%RSD	.01897	.07691	.05999	.96923	.29682	.11514	.15773
#1	.00084	.33220	167.79	.04159	.11737	2.1461	H1200.0
#2	.00084	.33184	167.65	.04216	.11786	2.1426	H1197.3

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6601	57.922	.12769	.31818	1.6600	.03237	42.734
SDev	.0037	.021	.00176	.00013	.0040	.00021	.009
%RSD	.03790	.03550	1.3791	.04174	.24108	.64632	.02019
#1	9.6627	57.908	.12893	.31827	1.6629	.03252	42.728
#2	9.6575	57.937	.12644	.31809	1.6572	.03222	42.740

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	82.163	83.272	.37475	.47396	1.6617
SDev	.310	.089	.02022	.00479	.0041
%RSD	.37779	.10655	5.3943	1.0105	.24595
#1	81.944	83.209	.38904	.47735	1.6646
#2	82.383	83.335	.36046	.47057	1.6588

Analysis Report 10/23/06 03:28:50 PM

Method: ILMO53_ Sample Name: X4830-05 Operator: BF
Run Time: 10/23/06 15:27:10
Comment: MH1PR4S
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4518	.16442	81.524	.53564	1.8154	8.1410	4.5672
SDev	.0226	.00003	.033	.01412	.0160	.0162	.0181
%RSD	.50669	.01856	.04023	2.6357	.88291	.19908	.39564
#1	4.4359	.16440	81.501	.52566	1.8041	8.1295	4.5544
#2	4.4678	.16444	81.547	.54562	1.8268	8.1524	4.5799

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09422	.41667	164.12	.40509	.94702	2.5960	H1175.5
SDev	.00038	.00085	.50	.00118	.00236	.0119	2.4
%RSD	.40569	.20349	.30282	.29186	.24923	.45819	.20596
#1	.09395	.41607	163.77	.40426	.94535	2.5876	H1173.8
#2	.09449	.41727	164.47	.40593	.94869	2.6045	H1177.2

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.299	56.651	1.0175	.42773	1.6204	1.0061	42.683
SDev	.033	.192	.0030	.00350	.0056	.0043	.134
%RSD	.32413	.33915	.29058	.81950	.34577	.42838	.31345
#1	10.275	56.515	1.0154	.42525	1.6165	1.0030	42.588
#2	10.323	56.787	1.0196	.43021	1.6244	1.0091	42.777

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	80.662	81.955	.46415	.57133	1.6294
SDev	.090	.094	.00574	.02403	.0204
%RSD	.11197	.11501	1.2370	4.2065	1.2542
#1	80.726	81.888	.46821	.55434	1.6149
#2	80.598	82.021	.46009	.58833	1.6438

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Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 15:29:05
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0470	5.1091	4.9872	5.1677	4.9365	9.3279	9.9950
SDev	.0860	.0408	.0639	.0056	.0283	.1455	.1347
%RSD	1.7036	.79941	1.2817	.10894	.57350	1.5597	1.3475
#1	5.1078	5.1380	5.0324	5.1717	4.9565	9.4308	10.090
#2	4.9862	5.0802	4.9420	5.1637	4.9165	9.2251	9.8998

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25406	2.5373	24.492	.98157	2.3002	1.2602	5.3854
SDev	.00417	.0383	.434	.01530	.0382	.0143	.1745
%RSD	1.6402	1.5092	1.7725	1.5592	1.6613	1.1317	3.2409
#1	.25701	2.5644	24.799	.99240	2.3272	1.2703	Q5.5088
#2	.25112	2.5102	24.185	.97075	2.2732	1.2502	5.2619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4568	24.879	2.4624	1.2174	26.228	2.5588	2.6274
SDev	.0369	.449	.0396	.0102	.510	.0416	.0443
%RSD	1.5009	1.8041	1.6087	.84143	1.9440	1.6271	1.6853
#1	2.4829	25.196	2.4904	1.2247	26.589	2.5883	2.6587
#2	2.4307	24.562	2.4344	1.2102	25.868	2.5294	2.5961

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9268	5.0174	5.1027	5.2002	23.838
SDev	.0452	.0733	.0013	.0091	.534
%RSD	.91777	1.4601	.02468	.17440	2.2391
#1	4.9588	5.0692	5.1018	5.2066	24.216
#2	4.8948	4.9656	5.1036	5.1938	23.461

Analysis Report QC Standard 10/23/06 03:35:50 PM

Method: ILMO53_ Sample Name: CCB
Run Time: 10/23/06 15:31:01 Operator: BF
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00647	.00188	.00637	.00451	-.00210	.00574	.00071
SDev	.00219	.00375	.00039	.00463	.00082	.00039	.00037
%RSD	33.833	199.66	6.0881	102.63	38.937	6.8428	52.486
#1	.00492	-.00077	.00665	.00124	-.00268	.00602	.00097
#2	.00802	.00453	.00610	.00779	-.00152	.00546	.00045

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00025	.02713	.00060	.00064	.00405	.04241
SDev	.00001	.00007	.00190	.00019	.00061	.00095	.01863
%RSD	38.358	26.741	7.0010	31.625	94.438	23.350	43.937
#1	.00004	.00030	.02847	.00047	.00107	.00472	.05559
#2	.00002	.00020	.02579	.00074	.00021	.00338	.02924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00136	.00061	.00059	.00340	.00044	.00443
SDev	.00028	.00064	.00014	.00048	.00320	.00025	.00139
%RSD	48.243	47.140	22.848	81.044	94.281	57.054	31.428
#1	.00077	.00182	.00051	.00093	.00566	.00061	.00541
#2	.00038	.00091	.00071	.00025	.00113	.00026	.00344

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00511	.00700	-.00555	.00953	.02028
SDev	.00040	.00038	.00901	.00244	.00983
%RSD	7.8316	5.4531	162.54	25.616	48.488
#1	.00539	.00727	-.01192	.00781	.02723
#2	.00483	.00673	.00083	.01126	.01332

Analysis Report

10/23/06 03:38:22 PM

Method: ILMO53_ Sample Name: X4830-03LX5 Operator: BF
Run Time: 10/23/06 15:36:37
Comment: MH1PR4L
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0074	.04302	19.080	.10127	.36373	.97685	.14437
SDev	.0043	.00464	.035	.00284	.00056	.00837	.00034
%RSD	.43084	10.791	.18091	2.8016	.15285	.85686	.23589
#1	1.0044	.03974	19.104	.09926	.36334	.98277	.14461
#2	1.0105	.04631	19.056	.10327	.36413	.97093	.14413

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.07608	36.894	.00978	.02612	.43620	264.06
SDev	.00000	.00047	.105	.00012	.00059	.00187	.74
%RSD	2.5676	.62442	.28418	1.2185	2.2621	.42981	.27967
#1	.00014	.07642	36.968	.00969	.02654	.43752	264.58
#2	.00014	.07575	36.820	.00986	.02571	.43487	263.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1906	12.914	.02927	.07059	.29379	.00716	11.093
SDev	.0055	.034	.00024	.00011	.00400	.00019	.030
%RSD	.25332	.26100	.80479	.15052	1.3624	2.6664	.27386
#1	2.1945	12.938	.02910	.07066	.29662	.00730	11.114
#2	2.1866	12.890	.02943	.07051	.29096	.00703	11.071

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	18.917	19.161	.08930	.10724	.28503
SDev	.090	.007	.00228	.00539	.00082
%RSD	.47572	.03560	2.5525	5.0276	.28745
#1	18.981	19.166	.09091	.10343	.28445
#2	18.853	19.157	.08769	.11105	.28561

Analysis Report

10/23/06 03:49:29 PM

Method: ILMO53_ Sample Name: X4830-03X5 Operator: BF
Run Time: 10/23/06 15:47:52
Comment: MH1PR4
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0037	.03887	18.953	.10401	.35463	.96311	.14440
SDev	.0031	.00812	.021	.00372	.00022	.00336	.00046
%RSD	.30494	20.900	.11298	3.5777	.06244	.34841	.32161
#1	1.0015	.04462	18.968	.10137	.35447	.96548	.14473
#2	1.0058	.03313	18.937	.10664	.35478	.96074	.14407

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.07568	36.602	.00935	.02617	.43435	262.12
SDev	.00000	.00013	.092	.00053	.00060	.00064	.56
%RSD	3.0578	.17151	.25117	5.6791	2.2728	.14612	.21478
#1	.00013	.07577	36.667	.00973	.02659	.43480	262.52
#2	.00014	.07559	36.537	.00898	.02575	.43390	261.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1794	12.801	.02894	.06948	.29435	.00727	11.013
SDev	.0068	.023	.00049	.00020	.00160	.00050	.029
%RSD	.31095	.18307	1.7101	.29088	.54393	6.8679	.26535
#1	2.1841	12.817	.02929	.06962	.29549	.00762	11.034
#2	2.1746	12.784	.02859	.06934	.29322	.00692	10.992

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	18.775	19.041	.07729	.11734	.25722
SDev	.014	.039	.00073	.00594	.01557
%RSD	.07549	.20575	.93933	5.0632	6.0518
#1	18.765	19.069	.07781	.11314	.24621
#2	18.785	19.014	.07678	.12154	.26823

Analysis Report

10/23/06 03:51:33 PM

Method: ILMO53_ Sample Name: X4830-04X5 Operator: BF
Run Time: 10/23/06 15:49:51
Comment: MH1PR4D
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0052	.02559	19.030	.10541	.35147	.96247	.14365
SDev	.0006	.00028	.002	.00208	.01313	.00450	.00011
%RSD	.06370	1.1116	.01134	1.9687	3.7364	.46783	.07902
#1	1.0048	.02539	19.028	.10395	.34218	.96565	.14357
#2	1.0057	.02579	19.031	.10688	.36075	.95929	.14373

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.07582	36.581	.00956	.02616	.43201	262.37
SDev	.00000	.00022	.004	.00048	.00000	.00039	.08
%RSD	2.4420	.28446	.01142	5.0165	.00644	.09016	.03125
#1	.00015	.07597	36.578	.00922	.02616	.43174	262.43
#2	.00016	.07567	36.584	.00990	.02617	.43229	262.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1738	12.801	.02890	.07062	.29435	.00700	11.010
SDev	.0003	.010	.00017	.00042	.00160	.00008	.004
%RSD	.01390	.07774	.57654	.59286	.54393	1.1157	.04006
#1	2.1736	12.794	.02902	.07032	.29322	.00695	11.007
#2	2.1740	12.808	.02878	.07091	.29549	.00706	11.013

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	18.848	19.121	.09833	.10895	.28966
SDev	.015	.004	.00548	.00585	.00901
%RSD	.07897	.02194	5.5708	5.3661	3.1113
#1	18.838	19.124	.10221	.10482	.28329
#2	18.859	19.118	.09446	.11308	.29604

Analysis Report 10/23/06 03:54:12 PM

Method: ILMO53_ Sample Name: X4830-05X5 Operator: BF
Run Time: 10/23/06 15:52:28
Comment: MH1PR4S
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0067	.06017	18.743	.12857	.40461	1.7091	.98946
SDev	.0143	.00679	.028	.00369	.00843	.0093	.00424
%RSD	1.4249	11.283	.14758	2.8714	2.0845	.54275	.42867
#1	.99652	.05537	18.723	.12596	.41058	1.7025	.98646
#2	1.0168	.06497	18.762	.13118	.39865	1.7156	.99246

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02106	.09622	36.167	.09003	.21349	.53123	259.76
SDev	.00007	.00040	.129	.00020	.00059	.00275	.77
%RSD	.33917	.42071	.35712	.22688	.27478	.51840	.29531
#1	.02101	.09594	36.076	.09017	.21307	.52928	259.22
#2	.02111	.09651	36.259	.08988	.21390	.53318	260.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3465	12.663	.23265	.09592	.28756	.21932	11.125
SDev	.0084	.035	.00097	.00032	.00160	.00059	.014
%RSD	.35716	.27378	.41583	.33633	.55677	.27024	.12498
#1	2.3406	12.638	.23197	.09569	.28643	.21890	11.115
#2	2.3525	12.687	.23334	.09614	.28869	.21974	11.135

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	18.582	18.823	.11430	.13569	.29951
SDev	.076	.004	.01011	.00049	.03277
%RSD	.40854	.01897	8.8440	.35962	10.942
#1	18.528	18.820	.10715	.13535	.32269
#2	18.636	18.825	.12145	.13604	.27634

Analysis Report 10/23/06 03:56:19 PM page 1

Method: ILMO53_ Sample Name: X4830-03LX25 Operator: BF
Run Time: 10/23/06 15:54:41
Comment: MH1PR4L
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21534	.00112	4.0340	.02540	.07464	.19614	.02950
SDev	.00025	.00116	.0002	.00133	.00147	.00554	.00002
%RSD	.11776	103.85	.00520	5.2173	1.9651	2.8252	.06996
#1	.21516	.00030	4.0339	.02446	.07568	.19222	.02949
#2	.21551	.00194	4.0341	.02634	.07360	.20006	.02952

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.01635	7.7196	.00232	.00576	.08428	55.468
SDev	.00001	.00001	.0106	.00013	.00061	.00006	.072
%RSD	10.700	.03198	.13779	5.4458	10.589	.06662	.12926
#1	.00006	.01634	7.7271	.00241	.00533	.08424	55.519
#2	.00007	.01635	7.7121	.00223	.00620	.08432	55.418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46118	2.7046	.00642	.01465	.05264	.00170	2.4241
SDev	.00081	.0080	.00070	.00056	.00240	.00034	.0028
%RSD	.17528	.29673	10.925	3.7923	4.5620	20.251	.11481
#1	.46175	2.6989	.00592	.01426	.05095	.00146	2.4261
#2	.46061	2.7103	.00691	.01504	.05434	.00194	2.4222

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	3.9927	4.0546	.00597	.03511	.07473
SDev	.0016	.0005	.00157	.00120	.00328
%RSD	.04016	.01198	26.385	3.4213	4.3852
#1	3.9916	4.0550	.00485	.03426	.07242
#2	3.9938	4.0543	.00708	.03595	.07705

Analysis Report 10/23/06 04:05:27 PM page 1

Method: ILMO53_ Sample Name: ~~X4830-03A~~ Operator: BF
Run Time: 10/23/06 16:03:37
Comment: ~~MH1PR4A~~ Partum
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2176	.06577	22.968	.12445	.44171	1.1662	.17438
SDev	.0021	.00938	.040	.01059	.01187	.0064	.00083
%RSD	.17466	14.260	.17597	8.5124	2.6878	.55269	.47343
#1	1.2161	.07240	22.939	.11696	.43331	1.1617	.17380
#2	1.2191	.05914	22.996	.13194	.45010	1.1708	.17497

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.09156	44.490	.01121	.03148	.52766	318.74
SDev	.00000	.00024	.185	.00053	.00088	.00208	1.17
%RSD	1.5389	.25999	.41669	4.7196	2.8098	.39485	.36751
#1	.00022	.09173	44.359	.01084	.03085	.52619	317.91
#2	.00022	.09139	44.621	.01158	.03210	.52914	319.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6218	15.518	.03542	.08567	.36115	.00833	13.223
SDev	.0112	.070	.00029	.00056	.00320	.00050	.052
%RSD	.42711	.45098	.81699	.65991	.88665	5.9927	.39637
#1	2.6139	15.468	.03521	.08527	.35889	.00798	13.185
#2	2.6297	15.567	.03562	.08607	.36341	.00869	13.260

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	22.781	23.061	.10535	.13399	.36671
SDev	.012	.055	.00129	.01653	.05244
%RSD	.05173	.23725	1.2257	12.335	14.299
#1	22.773	23.022	.10626	.12230	.32964
#2	22.790	23.100	.10443	.14568	.40379

Analysis Report QC Standard 10/23/06 04:08:08 PM page 1

Method: ILMO53_ Sample Name: PB22266BL Operator: BF
Run Time: 10/23/06 16:06:33
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00902	-.00173	.00684	-.00239	-.00013	.00018	-.00060
SDev	.00760	.00379	.00238	.00049	.00428	.00232	.00013
%RSD	84.265	219.40	34.836	20.463	3393.9	1265.5	22.420
#1	.00365	.00095	.00852	-.00204	.00290	-.00146	-.00069
#2	Q.01440	-.00440	.00515	-.00273	-.00315	.00182	-.00050

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00023	-.00000	.00045	-.00022	-.00404	.03069
SDev	.00002	.00000	.00076	.00050	.00000	.00000	.00359
%RSD	30.534	.11429	104e6	112.67	.08909	.01511	11.682
#1	.00005	.00023	-.00054	.00009	-.00022	-.00404	.03322
#2	.00007	.00023	.00054	.00080	-.00022	-.00404	.02815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00068	-.00010	.00063	-.01019	.00020	.00180
SDev	.00016	.00161	.00031	.00066	.00160	.00023	.00139
%RSD	1545.2	235.70	309.34	105.18	15.713	113.13	77.184
#1	.00010	.00182	.00012	.00016	-.01132	.00004	.00279
#2	-.00012	-.00045	-.00032	.00110	-.00906	.00037	.00082

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00448	.00801	-.02660	.00970	.02955
SDev	.00571	.00072	.00588	.00220	.03113
%RSD	127.49	8.9532	22.093	22.694	105.37
#1	.00852	.00852	-.02244	.00815	.05156
#2	.00044	.00750	-.03075	.01126	.00753

Analysis Report QC Standard 10/23/06 04:26:51 PM page 1

Method: ILMO53_ Sample Name: CRI
Run Time: 10/23/06 16:19:14 Operator: BF
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00966	.02557	.01174	.03321	.06305	.18752	.21120
SDev	.00094	.00785	.00266	.00679	.00259	.00016	.00049
%RSD	9.7754	30.710	22.642	20.439	4.1073	.08332	.23209
#1	.00899	.03112	.01362	.02841	.06122	.18741	.21086
#2	.01032	.02002	.00986	.03801	.06488	.18763	.21155

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00517	.00508	4.9944	.01048	.05052	.02474	.08117
SDev	.00001	.00020	.0134	.00003	.00000	.00035	.01167
%RSD	.08869	3.9667	.26862	.30711	.00035	1.4191	14.383
#1	.00518	.00494	4.9849	.01050	.05052	.02498	.08943
#2	.00517	.00522	5.0039	.01046	.05052	.02449	.07292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01574	4.9009	.04203	.01268	4.2562	.05040	.06513
SDev	.00005	.0138	.00009	.00028	.0217	.00082	.00072
%RSD	.28520	.28183	.21943	2.2177	.50898	1.6220	1.1119
#1	.01577	4.8912	.04209	.01287	4.2409	.04983	.06564
#2	.01570	4.9107	.04196	.01248	4.2715	.05098	.06462

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00983	.01269	.02987	.03488	3.5789
SDev	.00056	.00370	.02383	.00172	.0092
%RSD	5.7380	29.179	79.784	4.9322	.25726
#1	.01023	.01531	.01302	.03609	3.5724
#2	.00943	.01007	.04672	.03366	3.5854

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Method: ILMO53_ Sample Name: ICSA
Run Time: 10/23/06 16:27:53 Operator: BF
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00741	.00368	.00438	-.00517	.00551	246.22	.00369
SDev	.00378	.00230	.00024	.00691	.00190	.18	.00010
%RSD	50.921	62.467	5.4218	133.66	34.401	.07351	2.7138
#1	.00474	.00531	.00455	-.01005	.00417	246.35	.00377
#2	Q.01008	.00206	.00422	-.00028	.00685	246.09	.00362

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00088	243.93	.03852	.00128	.00284	95.669
SDev	.00001	.00028	.17	.00027	.00000	.00043	.066
%RSD	1.9126	31.803	.06995	.69931	.12266	15.142	.06884
#1	.00041	.00068	244.05	.03833	.00128	.00314	95.716
#2	.00042	.00107	243.81	.03871	.00128	.00254	95.623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02039	251.92	.01095	.00490	.88449	-.00003	.03148
SDev	.00029	.22	.00015	.00030	.00321	.00008	.00023
%RSD	1.4090	.08855	1.4161	6.1299	.36285	254.43	.73160
#1	.02059	252.08	.01084	.00468	.88676	.00002	.03164
#2	.02018	251.76	.01106	.00511	.88222	-.00009	.03132

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.03387	.02348	-.00838	-.00356	.02663
SDev	.00325	.00198	.01685	.00194	.00586
%RSD	9.6047	8.4339	201.17	54.464	21.999
#1	-.03617	.02488	-.02029	-.00494	.03078
#2	-.03157	.02208	.00354	-.00219	.02249

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Method: ILMO53_ Sample Name: ICSAB Operator: BF
Run Time: 10/23/06 16:32:12
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10217	.10399	.05540	.04942	.64419	245.91	.51751
SDev	.00137	.01608	.00025	.00009	.00014	.31	.00124
%RSD	1.3375	15.468	.45575	.17479	.02126	.12807	.23896
#1	.10314	.09262	.05522	.04936	.64428	246.13	.51839
#2	.10120	Q.11537	.05558	.04949	.64409	245.69	.51664

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48789	.95626	244.49	.51126	.46479	.48978	96.287
SDev	.00098	.00301	.63	.00090	.00071	.00075	.289
%RSD	.20131	.31454	.25654	.17698	.15256	.15282	.30027
#1	.48858	.95839	244.93	.51190	.46529	.49031	96.491
#2	.48719	.95413	244.04	.51062	.46428	.48925	96.082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51563	251.44	.96017	.18685	.88279	.49169	.97853
SDev	.00111	.58	.00286	.00110	.00080	.00086	.00359
%RSD	.21480	.23236	.29787	.59085	.09089	.17499	.36658
#1	.51642	251.86	.96219	.18763	.88222	.49230	.98106
#2	.51485	251.03	.95815	.18607	.88335	.49108	.97599

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01783	.07416	.05373	.04727	.06392
SDev	.00236	.00156	.02216	.01119	.00167
%RSD	13.253	2.1009	41.236	23.674	2.6189
#1	.01950	.07306	.06940	.03936	.06274
#2	.01616	.07526	.03807	.05519	.06510

Analysis Report QC Standard 10/23/06 04:35:50 PM

Method: ILMO53_ Sample Name: CCV
Run Time: 10/23/06 16:34:15 Operator: BF
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1131	5.1153	5.1559	5.1418	5.0599	10.085	10.402
SDev	.0215	.0402	.0118	.0267	.0112	.004	.004
%RSD	.41956	.78514	.22949	.51883	.22171	.03903	.04144
#1	5.0980	5.0869	5.1643	5.1606	5.0520	10.082	10.399
#2	5.1283	5.1437	5.1475	5.1229	5.0678	10.088	10.405

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25506	2.5934	25.805	1.0202	2.5573	1.2618	5.1506
SDev	.00008	.0005	.042	.0007	.0004	.0003	.0267
%RSD	.03117	.01907	.16409	.07015	.01390	.02243	.51836
#1	.25501	2.5930	25.835	1.0207	2.5571	1.2620	5.1695
#2	.25512	2.5937	25.775	1.0197	2.5576	1.2616	5.1317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5744	25.363	2.5787	1.1872	25.382	2.5426	2.6062
SDev	.0005	.030	.0030	.0010	.024	.0003	.0012
%RSD	.01939	.11844	.11589	.08726	.09483	.01264	.04620
#1	2.5747	25.384	2.5766	1.1879	25.399	2.5428	2.6070
#2	2.5740	25.342	2.5808	1.1864	25.365	2.5424	2.6053

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1486	5.1595	5.1180	5.1537	23.455
SDev	.0303	.0026	.0501	.0150	.021
%RSD	.58794	.05092	.97926	.29056	.08921
#1	5.1700	5.1614	5.1534	5.1642	23.470
#2	5.1272	5.1577	5.0825	5.1431	23.440

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Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 16:36:02
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00363	-.00034	.00142	.00424	.00037	.02010	-.00008
SDev	.00702	.00257	.00433	.00441	.00707	.00684	.00185
%RSD	193.58	756.33	304.29	104.13	1918.6	34.027	2347.6
#1	-.00134	.00148	.00449	.00112	.00537	.02493	-.00139
#2	.00859	-.00216	-.00164	.00736	-.00463	.01526	.00123

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00018	.02876	-.00024	-.00127	.00197	-.00428
SDev	.00001	.00009	.00335	.00059	.00036	.00056	.00162
%RSD	13.046	50.497	11.664	243.60	28.136	28.374	37.784
#1	.00008	.00025	.02638	-.00066	-.00152	.00158	-.00542
#2	.00009	.00012	.03113	.00017	-.00102	.00237	-.00314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00391	.00030	-.00049	-.00794	-.00051	.00068
SDev	.00000	.03039	.00055	.00177	.01524	.00114	.00000
%RSD	.36448	777.82	182.03	362.09	191.93	223.95	.23666
#1	.00017	-.01758	-.00009	-.00174	-.01872	-.00131	.00068
#2	.00017	.02539	.00070	.00076	.00284	.00030	.00068

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00237	.00332	-.00465	.00867	-.04202
SDev	.00188	.00556	.02013	.00343	.00921
%RSD	79.041	167.47	433.13	39.599	21.910
#1	-.00105	.00725	-.01888	.01110	-.04853
#2	-.00370	-.00061	.00959	.00624	-.03551

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Method: ILMO53_ Sample Name: PB22266BS Operator: BF
Run Time: 10/23/06 16:48:13
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0014	1.0994	1.0513	1.0444	1.0376	2.5007	.52942
SDev	.0090	.0070	.0033	.0118	.0065	.0070	.00032
%RSD	.90291	.64123	.31527	1.1291	.63067	.28070	.06103
#1	1.0078	1.1044	1.0536	1.0528	1.0329	2.5057	.52965
#2	.99500	1.0944	1.0489	1.0361	1.0422	2.4958	.52919

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50761	.52221	10.348	.49986	.50903	.48908	5.1926
SDev	.00012	.00053	.007	.00020	.00215	.00029	.0214
%RSD	.02335	.10106	.06887	.03962	.42265	.05863	.41274
#1	.50770	.52258	10.353	.49972	.51055	.48928	5.2078
#2	.50753	.52184	10.343	.50000	.50751	.48888	5.1774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51729	6.0751	.51660	.40794	9.4173	.51107	1.0618
SDev	.00087	.0003	.00139	.00157	.0177	.00044	.0031
%RSD	.16747	.00568	.26835	.38446	.18744	.08572	.29537
#1	.51790	6.0749	.51758	.40905	9.4298	.51138	1.0640
#2	.51668	6.0754	.51562	.40683	9.4049	.51076	1.0596

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.0453	1.0542	1.0334	1.0499	9.1811
SDev	.0054	.0023	.0325	.0015	.0007
%RSD	.51569	.21608	3.1404	.14077	.00801
#1	1.0491	1.0558	1.0563	1.0510	9.1806
#2	1.0415	1.0526	1.0104	1.0489	9.1816

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Method: ILMO53_ Sample Name: X4830-06 Operator: BF
Run Time: 10/23/06 16:54:38
Comment: MH1PT5
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00317	-.00110	.02147	.00034	.00703	.05467	.02889
SDev	.00068	.00915	.00052	.00404	.00052	.00349	.00030
%RSD	21.297	835.47	2.4296	1182.8	7.3205	6.3900	1.0413
#1	.00269	.00538	.02110	-.00251	.00667	.05714	.02910
#2	.00365	-.00757	.02184	.00320	.00740	.05220	.02867

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00115	70.769	.00797	.00073	.00680	.20371
SDev	.00000	.00020	.872	.00020	.00036	.00007	.00575
%RSD	.15740	17.540	1.2316	2.5232	49.381	1.0030	2.8219
#1	.00019	.00129	71.386	.00783	.00047	.00685	.19964
#2	.00019	.00100	70.153	.00811	.00098	.00675	.20777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10497	16.859	.00252	.00082	31.591	.00031	.25434
SDev	.00120	.213	.00049	.00007	.448	.00038	.00409
%RSD	1.1467	1.2637	19.530	8.7283	1.4172	123.35	1.6093
#1	.10582	17.010	.00217	.00077	31.908	.00004	.25723
#2	.10412	16.708	.00287	.00087	31.275	.00058	.25144

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02025	.02208	.00189	-.00043	1.4571
SDev	.00028	.00092	.00164	.00687	.0184
%RSD	1.4068	4.1859	86.882	1590.8	1.2637
#1	.02045	.02143	.00305	-.00529	1.4701
#2	.02005	.02273	.00073	.00443	1.4441

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Method: ILMO53_ Sample Name: X4830-07 Operator: BF
Run Time: 10/23/06 16:56:30
Comment: MH1PT6
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00567	.00659	.00334	.00248	.01441	.01960	.05623
SDev	.00364	.00394	.00054	.00154	.00345	.00204	.00033
%RSD	64.312	59.743	16.081	62.191	23.918	10.392	.59437
#1	.00309	.00937	.00296	.00357	.01197	.01816	.05599
#2	.00824	.00380	.00372	.00139	.01685	.02104	.05647

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00053	141.69	.01049	.00044	.01399	.40074
SDev	.00002	.00022	1.06	.00013	.00000	.00042	.01172
%RSD	10.914	41.800	.75126	1.2478	.12481	2.9799	2.9239
#1	.00015	.00068	140.94	.01058	.00044	.01428	.39246
#2	.00013	.00037	142.45	.01040	.00044	.01369	.40903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14268	33.735	.00609	.00035	61.410	.00043	.38890
SDev	.00131	.250	.00012	.00006	.355	.00038	.00047
%RSD	.92015	.74005	2.0193	17.252	.57879	88.496	.12127
#1	.14175	33.558	.00600	.00040	61.159	.00070	.38857
#2	.14361	33.911	.00618	.00031	61.662	.00016	.38924

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00515	.01316	-.00285	3.1379
SDev	.00183	.00011	.01109	.00785	.0084
%RSD	625.64	2.1051	84.284	275.39	.26674
#1	-.00159	.00523	.00532	.00270	3.1320
#2	.00100	.00507	.02100	-.00840	3.1439

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Method: ILMO53_ Sample Name: X4830-08 Operator: BF
Run Time: 10/23/06 16:58:20
Comment: MH1PT7
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00366	.00692	.01133	-.00062	.01462	.03104	.06527
SDev	.00108	.01009	.00099	.00623	.00827	.00717	.00015
%RSD	29.525	145.86	8.7212	1001.1	56.593	23.108	.22191
#1	.00289	.01405	.01203	.00378	.02047	.03611	.06537
#2	.00442	-.00022	.01063	-.00503	.00877	.02597	.06516

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00125	151.64	.01336	-.00007	.00961	.22013
SDev	.00001	.00009	.48	.00027	.00215	.00140	.00604
%RSD	6.5221	7.3548	.31409	2.0427	3050.2	14.552	2.7425
#1	.00011	.00131	151.97	.01356	.00145	.01060	.21586
#2	.00010	.00118	151.30	.01317	-.00159	.00862	.22440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12040	37.793	.00612	-.00090	62.815	-.00008	.47626
SDev	.00049	.183	.00052	.00332	.002	.00104	.00361
%RSD	.40858	.48333	8.5725	368.64	.00256	1237.8	.75830
#1	.12075	37.923	.00649	.00145	62.813	.00065	.47881
#2	.12006	37.664	.00575	-.00325	62.816	-.00082	.47370

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01054	.01172	-.01730	.00771	3.5505
SDev	.00296	.00001	.01232	.00319	.0042
%RSD	28.061	.03890	71.230	41.361	.11787
#1	.01263	.01173	-.00859	.00996	3.5534
#2	.00845	.01172	-.02602	.00545	3.5475

Analysis Report 10/23/06 05:01:46 PM

Method: ILMO53_ Sample Name: X4830-09 Operator: BF
Run Time: 10/23/06 17:00:10
Comment: MH1PT7D
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00747	-.00078	.00982	.00404	.01389	.04064	.06602
SDev	.00324	.00261	.00067	.00345	.00620	.00028	.00003
%RSD	43.338	335.60	6.8159	85.447	44.656	.70164	.05062
#1	.00518	.00107	.01029	.00648	.00950	.04084	.06600
#2	.00976	-.00262	.00935	.00160	.01828	.04044	.06605

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00131	152.54	.01327	-.00033	.01045	.22725
SDev	.00002	.00026	.09	.00011	.00036	.00035	.00003
%RSD	18.697	19.465	.05882	.80310	110.33	3.3451	.01301
#1	.00011	.00113	152.48	.01319	-.00058	.01021	.22727
#2	.00014	.00149	152.60	.01334	-.00007	.01070	.22723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12122	37.994	.00677	.00050	63.359	.00041	.47215
SDev	.00028	.069	.00083	.00000	.061	.00034	.00024
%RSD	.23025	.18268	12.283	.01542	.09624	82.897	.05174
#1	.12103	37.945	.00736	.00050	63.402	.00017	.47233
#2	.12142	38.043	.00618	.00050	63.316	.00065	.47198

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00626	.01160	.01233	-.00010	3.6292
SDev	.00124	.00038	.01232	.00098	.0234
%RSD	19.814	3.3109	99.986	971.78	.64576
#1	.00714	.01187	.02104	-.00079	3.6126
#2	.00539	.01133	.00361	.00059	3.6457

Analysis Report 10/23/06 05:03:45 PM

Method: ILMO53_ Sample Name: X4830-10 Operator: BF
Run Time: 10/23/06 17:02:09
Comment: MH1PT7S
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04959	.04818	.03020	.06437	.11956	2.0448	2.1739
SDev	.00216	.00623	.00124	.00361	.00689	.0028	.0036
%RSD	4.3552	12.924	4.1075	5.6007	5.7624	.13721	.16450
#1	.04806	.04378	.03108	.06182	.12443	2.0428	2.1714
#2	.05112	.05258	.02933	.06692	.11469	2.0468	2.1765

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05148	.05180	150.89	.21217	.48357	.25834	1.2236
SDev	.00011	.00062	.08	.00032	.00107	.00042	.0061
%RSD	.21998	1.1969	.05168	.15250	.22178	.16327	.49808
#1	.05140	05136	150.95	.21194	.48281	.25804	1.2193
#2	.05156	.05223	150.84	.21239	.48433	.25864	1.2279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62827	37.585	.49667	.06160	62.568	.50927	.96019
SDev	.00149	.036	.00120	.00040	.094	.00219	.00048
%RSD	.23735	.09555	.24190	.65617	.15003	.43094	.05039
#1	.62721	37.610	.49582	.06189	62.634	.50772	.95985
#2	.62932	37.559	.49752	.06132	62.501	.51082	.96053

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02619	.03220	.05637	.06837	3.5546
SDev	.00045	.00163	.02013	.01546	.0201
%RSD	1.7342	5.0713	35.718	22.609	.56512
#1	.02652	.03336	.07061	.05744	3.5404
#2	.02587	.03105	.04213	.07930	3.5688

Analysis Report 10/23/06 05:06:44 PM

Method: ILMO53_ Sample Name: X4830-08LX5 Operator: BF
Run Time: 10/23/06 17:04:18
Comment: MH1PT7L
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00525	.00620	.00080	-.00649	.00420	.00753	.01455
SDev	.00391	.00132	.00113	.00515	.00155	.00685	.00003
%RSD	74.469	21.349	140.58	79.436	36.955	90.951	.22970
#1	.00802	.00713	.00000	-.01013	.00530	.01238	.01453
#2	.00249	.00526	.00160	-.00284	.00310	.00269	.01457

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00033	33.339	.00377	.00024	.00316	.03129
SDev	.00000	.00016	.009	.00006	.00108	.00084	.00239
%RSD	.21583	49.312	.02641	1.5870	451.94	26.395	7.6506
#1	.00012	.00045	33.346	.00381	-.00052	.00376	.02960
#2	.00012	.00022	33.333	.00372	.00100	.00257	.03298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02660	8.2873	.00179	.00030	13.487	.00035	.10713
SDev	.00006	.0003	.00025	.00095	.018	.00034	.00097
%RSD	.24291	.00417	13.785	315.06	.13087	96.760	.90093
#1	.02664	8.2875	.00196	.00097	13.475	.00059	.10781
#2	.02655	8.2870	.00161	-.00037	13.500	.00011	.10645

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.00074	-.01282	-.00332	.62972
SDev	.00032	.00185	.00370	.00957	.03515
%RSD	34.216	250.46	28.849	287.84	5.5824
#1	.00115	-.00057	-.01020	-.01009	.65458
#2	.00070	.00204	-.01543	.00344	.60486

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Method: ILMO53_ Sample Name: X4830-11 Operator: BF
Run Time: 10/23/06 17:07:15
Comment: MH1W55
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	-.00332	.00057	-.00663	.00709	.02753	.04928
SDev	.00499	.01882	.00144	.00046	.01292	.00191	.00003
%RSD	247.89	567.46	253.20	6.9585	182.25	6.9287	.06783
#1	.00554	.00999	.00158	-.00631	.01623	.02888	.04930
#2	-.00152	-.01663	-.00045	-.00696	-.00205	.02618	.04925

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00041	125.01	.00558	-.00056	.00870	.05398
SDev	.00000	.00024	.15	.00032	.00072	.00014	.00034
%RSD	2.8723	58.013	.12241	5.7037	128.88	1.5901	.62659
#1	.00013	.00058	125.12	.00581	-.00005	.00860	.05422
#2	.00012	.00024	124.90	.00536	-.00106	.00879	.05374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14448	29.672	.00462	-.00029	54.269	-.00041	.37936
SDev	.00004	.025	.00055	.00122	.033	.00054	.00120
%RSD	.02957	.08262	12.006	427.37	.06061	133.18	.31770
#1	.14451	29.690	.00422	.00058	54.245	-.00002	.38022
#2	.14445	29.655	.00501	-.00115	54.292	-.00079	.37851

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00103	-.00250	-.00869	2.7544
SDev	.00330	.00050	.00205	.00172	.0067
%RSD	922.74	49.002	82.168	19.756	.24309
#1	.00198	.00138	-.00395	-.00748	2.7592
#2	-.00269	.00067	-.00105	-.00991	2.7497

Analysis Report 10/23/06 05:10:42 PM

Method: ILMO53_ Sample Name: X4830-12 Operator: BF
Run Time: 10/23/06 17:09:04
Comment: MH1W56
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03155	-.01239	.58085	-.00431	.04003	1.4680	.08994
SDev	.00891	.00260	.00217	.00608	.00001	.0025	.00010
%RSD	28.231	20.974	.37324	141.01	.01192	.16842	.11148
#1	.02525	-.01055	.57932	-.00862	.04003	1.4662	.08987
#2	.03785	-.01422	.58239	-.00001	.04002	1.4697	.09001

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.01079	152.30	.01833	.00260	.05185	4.1811
SDev	.00002	.00027	.22	.00017	.00108	.00028	.0184
%RSD	12.840	2.5226	.14727	.95295	41.390	.53616	.44119
#1	.00020	.01060	152.14	.01821	.00336	.05205	4.1680
#2	.00017	.01099	152.46	.01846	.00184	.05166	4.1941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99234	34.925	.01004	.00600	62.906	.00381	1.7653
SDev	.00177	.026	.00018	.00101	.194	.00006	.0034
%RSD	.17857	.07514	1.8347	16.807	.30866	1.5555	.19127
#1	.99109	34.907	.00991	.00671	62.769	.00385	1.7629
#2	.99359	34.944	.01017	.00529	63.044	.00377	1.7677

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.58169	.58044	-.02188	.00446	3.6381
SDev	.00247	.00448	.00041	.00933	.0092
%RSD	.42392	.77208	1.8942	209.26	.25307
#1	.58343	.57727	-.02159	-.00214	3.6315
#2	.57994	.58361	-.02218	.01105	3.6446

Analysis Report 10/23/06 05:12:45 PM

Method: ILMO53_ Sample Name: X4830-13 Operator: BF
Run Time: 10/23/06 17:11:10
Comment: MH1W57
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00622	-.00573	.00368	-.00217	.01385	.03116	.06564
SDev	.00310	.00872	.00055	.00251	.00052	.00117	.00027
%RSD	49.880	152.22	14.862	115.95	3.7838	3.7659	.40736
#1	.00403	-.01190	.00330	-.00394	.01422	.03199	.06583
#2	.00842	.00044	.00407	-.00039	.01348	.03033	.06545

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00096	153.60	.00865	.00019	.00605	.15713
SDev	.00001	.00018	.88	.00032	.00036	.00028	.00416
%RSD	7.4305	19.109	.57592	3.6458	193.09	4.6383	2.6473
#1	.00011	.00083	154.23	.00843	.00044	.00625	.16007
#2	.00010	.00109	152.97	.00887	-.00007	.00585	.15419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07262	38.229	.00472	-.00050	64.118	.00065	.45031
SDev	.00051	.195	.00065	.00041	.444	.00034	.00120
%RSD	.70827	.51123	13.694	82.426	.69325	52.134	.26605
#1	.07298	38.367	.00518	-.00021	64.433	.00089	.45116
#2	.07226	38.091	.00427	-.00079	63.804	.00041	.44946

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.00460	.00542	-.00595	3.6150
SDev	.00385	.00110	.00164	.00294	.0318
%RSD	208.92	23.987	30.347	49.454	.87983
#1	-.00088	.00538	.00426	-.00803	3.6375
#2	.00457	.00382	.00658	-.00387	3.5925

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Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 17:13:01
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1118	5.1852	5.1649	5.1255	5.0539	10.063	10.445
SDev	.0239	.0055	.0474	.0186	.0181	.067	.066
%RSD	.46748	.10514	.91804	.36217	.35756	.66935	.63133
#1	5.1287	5.1891	5.1984	5.1386	5.0666	10.110	10.492
#2	5.0949	5.1814	5.1313	5.1124	5.0411	10.015	10.398

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25618	2.5899	25.783	1.0173	2.5416	1.2679	5.0926
SDev	.00218	.0227	.228	.0076	.0189	.0070	.0477
%RSD	.85018	.87838	.88295	.74674	.74542	.54837	.93651
#1	.25772	2.6060	25.944	1.0226	2.5549	1.2728	5.1264
#2	.25464	2.5738	25.622	1.0119	2.5282	1.2630	5.0589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5652	25.214	2.5705	1.1911	25.881	2.5451	2.6076
SDev	.0187	.224	.0226	.0071	.236	.0230	.0166
%RSD	.72975	.88878	.87851	.59517	.91146	.90281	.63793
#1	2.5784	25.373	2.5864	1.1962	26.047	2.5614	2.6193
#2	2.5520	25.056	2.5545	1.1861	25.714	2.5289	2.5958

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1587	5.1680	5.1084	5.1340	23.923
SDev	.0365	.0529	.0086	.0235	.206
%RSD	.70658	1.0234	.16811	.45857	.86066
#1	5.1844	5.2054	5.1145	5.1507	24.069
#2	5.1329	5.1306	5.1023	5.1174	23.778

Analysis Report QC Standard 10/23/06 05:16:41 PM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 17:15:04
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00238	.00676	-.00202	-.01113	.01072	-.00268	.00087
SDev	.00661	.00392	.00051	.01295	.00966	.00613	.00015
%RSD	277.30	58.034	25.489	116.38	90.083	228.69	16.563
#1	.00706	.00953	-.00238	-.02028	.00389	-.00701	.00098
#2	-.00229	.00398	-.00165	-.00197	.01755	.00165	.00077

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00007	.03113	.00034	.00025	.00088	-.02477
SDev	.00000	.00004	.00084	.00033	.00036	.00028	.00538
%RSD	3.1651	55.573	2.6937	96.531	141.65	31.736	21.714
#1	.00012	.00009	.03172	.00057	-.00000	.00069	-.02857
#2	.00013	.00004	.03053	.00011	.00051	.00108	-.02096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.01172	.00015	.00047	.02213	-.00001	-.00034
SDev	.00006	.00483	.00040	.00150	.00000	.00008	.00000
%RSD	74.089	41.248	261.84	321.76	.00000	605.15	.05296
#1	.00004	.00830	-.00013	-.00059	.02213	-.00007	-.00034
#2	.00013	.01514	.00044	.00152	.02213	.00004	-.00034

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00416	-.00095	-.03166	-.00088	-.01776
SDev	.00250	.00048	.01972	.00957	.00335
%RSD	60.233	50.581	62.279	1092.7	18.856
#1	-.00593	-.00061	-.04561	-.00764	-.02012
#2	-.00239	-.00129	-.01772	.00589	-.01539

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Method: ILMO53_ Sample Name: X4830-14 Operator: BF
Run Time: 10/23/06 17:17:34
Comment: MH1W57D
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00651	.00996	.00428	-.00265	.01788	.02185	.06503
SDev	.00351	.00127	.00031	.00045	.00827	.00320	.00081
%RSD	53.919	12.762	7.2261	17.081	46.226	14.640	1.2506
#1	.00899	.01086	.00406	-.00233	.02373	.02412	.06446
#2	.00403	.00906	.00450	-.00297	.01204	.01959	.06561

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00116	151.67	.00819	-.00108	.00565	.13485
SDev	.00001	.00040	1.24	.00021	.00000	.00140	.00502
%RSD	3.8399	34.447	.81934	2.5462	.07586	24.734	3.7197
#1	.00012	.00088	150.79	.00834	-.00108	.00466	.13131
#2	.00011	.00145	152.55	.00804	-.00108	.00664	.13840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07151	38.030	.00431	-.00128	63.579	-.00026	.44895
SDev	.00071	.157	.00018	.00177	.174	.00074	.00554
%RSD	.99220	.41313	4.2898	138.31	.27384	288.38	1.2346
#1	.07101	37.919	.00444	-.00253	63.456	-.00078	.44503
#2	.07201	38.141	.00418	-.00003	63.702	.00027	.45287

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00228	.00528	-.01375	.00289	3.5025
SDev	.00283	.00095	.01561	.00712	.0318
%RSD	123.98	17.946	113.55	246.22	.90808
#1	.00028	.00595	-.00271	-.00214	3.4800
#2	.00428	.00461	-.02479	.00792	3.5250

Analysis Report 10/23/06 05:21:08 PM

Method: ILMO53_ Sample Name: X4830-15 Operator: BF
Run Time: 10/23/06 17:19:28
Comment: MH1W57S
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04757	.05707	.02451	.04012	.12248	2.0140	2.1447
SDev	.00634	.02274	.00036	.00627	.00087	.0015	.0011
%RSD	13.331	39.842	1.4876	15.625	.70950	.07312	.04935
#1	.05205	.04099	.02425	.04455	.12309	2.0130	2.1439
#2	.04309	.07315	.02477	.03569	.12186	2.0151	2.1454

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05093	.05125	151.68	.20405	.47498	.25095	1.1242
SDev	.00011	.00020	.17	.00049	.00179	.00021	.0018
%RSD	.20975	.39111	.11223	.24137	.37736	.08460	.16388
#1	.05085	.05139	151.56	.20371	.47371	.25080	1.1255
#2	.05100	.05111	151.80	.20440	.47625	.25110	1.1229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57186	37.875	.48771	.06036	63.276	.50191	.93817
SDev	.00097	.068	.00025	.00007	.006	.00024	.00169
%RSD	.16959	.17869	.05064	.11038	.00888	.04800	.17970
#1	.57117	37.827	.48754	.06031	63.280	.50174	.93698
#2	.57255	37.923	.48789	.06040	63.272	.50208	.93936

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01945	.02703	.02827	.04604	3.5795
SDev	.00015	.00062	.00575	.01227	.0017
%RSD	.76764	2.2974	20.341	26.652	.04676
#1	.01955	.02660	.02420	.05471	3.5806
#2	.01934	.02747	.03234	.03736	3.5783

Analysis Report 10/23/06 05:24:33 PM

Method: ILMO53_ Sample Name: X4830-13LX5 Operator: BF
Run Time: 10/23/06 17:22:55
Comment: MH1W57L
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00373	.00248	-.00091	-.00603	.00959	.00227	.01448
SDev	.00823	.00044	.00187	.01376	.00223	.00176	.00009
%RSD	220.96	17.619	206.52	228.14	23.290	77.427	.61555
#1	.00955	.00217	-.00223	-.01576	.00801	.00103	.01454
#2	-.00210	.00279	.00042	.00370	.01117	.00351	.01442

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00013	33.286	.00208	-.00027	.00148	.02103
SDev	.00001	.00027	.193	.00046	.00036	.00000	.00796
%RSD	5.3971	214.22	.57938	22.017	133.71	.04795	37.862
#1	.00014	.00032	33.423	.00176	-.00052	.00148	.02666
#2	.00015	-.00007	33.150	.00240	-.00001	.00148	.01540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01579	8.2716	.00109	-.00028	13.461	.00005	.10133
SDev	.00019	.0369	.00062	.00082	.061	.00028	.00145
%RSD	1.2313	.44668	56.569	293.98	.45299	572.70	1.4272
#1	.01593	8.2978	.00152	.00030	13.504	-.00015	.10235
#2	.01565	8.2455	.00065	-.00086	13.418	.00025	.10031

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	-.00028	-.01426	-.00192	.61315
SDev	.00622	.00030	.01233	.01447	.03181
%RSD	289.56	106.74	86.464	752.10	5.1873
#1	-.00655	-.00007	-.02297	-.01216	.63564
#2	.00225	-.00050	-.00554	.00831	.59066

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Method: ILMO53_ Sample Name: ~~X4830-08A~~ Operator: BF
Run Time: 10/23/06 17:35:04
Comment: ~~MH1PT7A~~ 2222 Pa 10/26 [illegible]
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03847	.05026	.02369	.03424	.10165	1.6894	1.7801
SDev	.00189	.00280	.00120	.00322	.00517	.0173	.0137
%RSD	4.9038	5.5617	5.0485	9.3931	5.0887	1.0247	.77232
#1	.03980	.05224	.02285	.03197	.09799	1.6771	1.7703
#2	.03713	.04829	.02454	.03652	.10531	1.7016	1.7898

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04216	.04236	126.20	.17975	.39315	.20829	1.0151
SDev	.00044	.00069	.98	.00121	.00537	.00211	.0211
%RSD	1.0338	1.6340	.77270	.67426	1.3650	1.0118	2.0750
#1	.04185	.04187	125.51	.17890	.38936	.20680	1.0002
#2	.04247	.04285	126.89	.18061	.39695	.20978	1.0300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51445	31.365	.40835	.04954	53.513	.41426	.80334
SDev	.00445	.228	.00490	.00035	.267	.00527	.01036
%RSD	.86405	.72771	1.1996	.70919	.49928	1.2718	1.2902
#1	.51130	31.204	.40489	.04929	53.324	.41054	.79601
#2	.51759	31.526	.41181	.04979	53.702	.41799	.81067

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02309	.02400	.05222	.02527	2.8840
SDev	.00349	.00353	.00081	.00442	.0745
%RSD	15.113	14.733	1.5539	17.482	2.5829
#1	.02556	.02150	.05165	.02214	2.8314
#2	.02062	.02650	.05279	.02839	2.9367

Analysis Report QC Standard 10/23/06 05:39:02 PM page 1

Method: ILMO53_ Sample Name: PB22207BL Operator: BF
Run Time: 10/23/06 17:37:22
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00238	.00581	-.00290	.00667	-.00170	-.00609	.00022
SDev	.00715	.00178	.00035	.00175	.00138	.00335	.00007
%RSD	299.98	30.611	12.061	26.228	81.018	54.966	30.305
#1	.00744	.00455	-.00315	.00543	-.00268	-.00372	.00027
#2	-.00267	.00707	-.00265	.00791	-.00073	-.00846	.00017

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00002	.02668	-.00014	.00000	-.00000	-.02415
SDev	.00000	.00027	.00545	.00012	.00072	.00028	.01284
%RSD	.13168	1141.3	20.428	81.728	176970.	6719.0	53.164
#1	.00010	.00017	.03053	-.00006	-.00051	.00019	-.03322
#2	.00010	-.00022	.02283	-.00022	.00051	-.00020	-.01507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00464	.00026	.00109	.01532	-.00048	-.00136
SDev	.00004	.00034	.00055	.00035	.00321	.00018	.00048
%RSD	85.238	7.4432	211.82	31.859	20.951	37.321	35.350
#1	-.00002	.00488	.00065	.00084	.01759	-.00061	-.00171
#2	-.00008	.00440	-.00013	.00134	.01305	-.00035	-.00102

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00519	-.00176	.01830	.00086	-.00769
SDev	.00039	.00072	.00082	.00221	.01423
%RSD	7.4168	40.783	4.4825	257.42	184.93
#1	-.00492	-.00226	.01772	-.00071	.00237
#2	-.00546	-.00125	.01888	.00242	-.01776

Analysis Report QC Standard 10/23/06 05:41:47 PM page 1

Method: ILMO53_ Sample Name: PB22207BS Operator: BF
Run Time: 10/23/06 17:40:09
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99088	1.0817	1.0349	1.0353	1.0155	2.4594	.52693
SDev	.01228	.0017	.0033	.0154	.0045	.0073	.00010
%RSD	1.2393	.15606	.31769	1.4913	.44084	.29665	.01903
#1	.99957	1.0805	1.0325	1.0463	1.0123	2.4645	.52686
#2	.98220	1.0829	1.0372	1.0244	1.0187	2.4542	.52700

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50384	.51522	10.261	.49245	.50219	.48713	5.1106
SDev	.00004	.00020	.005	.00003	.00179	.00021	.0064
%RSD	.00849	.03884	.05312	.00633	.35714	.04343	.12556
#1	.50387	.51536	10.265	.49243	.50092	.48698	5.1151
#2	.50381	.51508	10.257	.49248	.50346	.48728	5.1061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50953	5.9760	.51009	.40233	9.4593	.50570	1.0541
SDev	.00000	.0093	.00049	.00064	.0144	.00110	.0005
%RSD	.00014	.15602	.09674	.15958	.15267	.21688	.04583
#1	.50953	5.9826	.50974	.40279	9.4491	.50648	1.0538
#2	.50953	5.9694	.51044	.40188	9.4695	.50493	1.0545

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.0306	1.0370	1.0235	1.0412	9.2061
SDev	.0109	.0005	.0267	.0098	.0138
%RSD	1.0603	.05079	2.6088	.94278	.14971
#1	1.0229	1.0373	1.0424	1.0482	9.1964
#2	1.0384	1.0366	1.0047	1.0343	9.2159

Analysis Report

10/23/06 05:45:03 PM

Method: ILMO53_ Sample Name: X4831-01 Operator: BF
Run Time: 10/23/06 17:43:26
Comment: MH1W35
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01929	.00690	-.00086	-.00181	.00310	.00349	.02355
SDev	.00216	.01793	.00076	.00133	.00552	.00498	.00095
%RSD	11.187	259.71	89.349	73.870	177.78	142.47	4.0217
#1	.01777	.01958	-.00140	-.00086	-.00080	-.00003	.02288
#2	.02082	-.00578	-.00032	-.00275	.00700	.00702	.02422

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00249	220.56	.00205	-.00054	.00534	.32635
SDev	.00004	.00018	2.34	.00009	.00215	.00189	.01266
%RSD	21.404	7.2782	1.0597	4.5426	400.12	35.353	3.8791
#1	.00019	.00262	218.91	.00199	-.00206	.00400	.33530
#2	.00014	.00236	222.21	.00212	.00098	.00667	.31740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50557	57.183	.00261	-.00106	95.123	-.00066	1.0064
SDev	.00532	.367	.00037	.00108	.080	.00056	.0079
%RSD	1.0529	.64250	14.203	101.41	.08435	85.146	.78965
#1	.50180	56.923	.00235	-.00183	95.066	-.00105	1.0008
#2	.50933	57.443	.00287	-.00030	95.179	-.00026	1.0120

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00394	.00068	-.00208	-.00167	5.1567
SDev	.00057	.00143	.01480	.00539	.0628
%RSD	14.398	209.09	710.55	322.72	1.2173
#1	-.00354	-.00033	.00838	-.00548	5.1123
#2	-.00434	.00169	-.01254	.00214	5.2011

Analysis Report QC Standard 10/23/06 06:02:11 PM

Method: ILMO53_ Sample Name: CRI
Run Time: 10/23/06 17:56:50 Operator: BF
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00861	.03175	.00898	.04192	.06855	.18220	.20673
SDev	.00337	.00656	.00030	.00039	.00035	.00380	.00068
%RSD	39.192	20.671	3.3724	.93739	.51008	2.0833	.32874
#1	.01099	.03639	.00877	.04220	.06879	.17952	.20625
#2	Q.00622	.02711	.00920	.04164	.06830	.18489	.20721

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00505	.00498	4.7878	.00963	.04950	.02414	.10860
SDev	.00000	.00000	.0126	.00023	.00108	.00063	.00197
%RSD	.00271	.00131	.26281	2.4259	2.1718	2.6113	1.8149
#1	.00505	.00498	4.7789	.00947	.04874	.02370	.10721
#2	.00505	.00498	4.7967	.00980	.05026	.02459	.10999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01503	4.7139	.03966	.01219	4.2522	.04929	.06086
SDev	.00009	.0131	.00006	.00007	.0144	.00018	.00145
%RSD	.57487	.27839	.15607	.54658	.33973	.36262	2.3795
#1	.01496	4.7046	.03961	.01223	4.2420	.04941	.06188
#2	.01509	4.7232	.03970	.01214	4.2624	.04916	.05983

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00809	.00943	.01708	.05432	3.5987
SDev	.00069	.00080	.01150	.00515	.0251
%RSD	8.5530	8.4785	67.336	9.4868	.69792
#1	.00858	.00887	.02522	.05068	3.5809
#2	.00760	.01000	.00895	.05797	3.6165

Analysis Report QC Standard 10/23/06 06:04:42 PM

Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/23/06 18:02:40
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	-.00965	.00666	-.00010	-.00631	237.74	.00244
SDev	.00335	.00194	.00042	.00574	.00089	1.07	.00008
%RSD	225.89	20.095	6.3531	5677.4	14.121	.44930	3.1934
#1	.00386	-.01102	.00636	-.00416	-.00568	236.98	.00250
#2	-.00089	-.00828	.00696	.00396	-.00694	238.49	.00239

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00079	235.26	.03654	.00137	.00024	91.996
SDev	.00000	.00005	1.20	.00028	.00037	.00022	.371
%RSD	1.1406	5.6903	.50936	.77064	26.885	89.606	.40332
#1	.00035	.00082	234.41	.03674	.00163	.00040	91.734
#2	.00036	.00076	236.11	.03634	.00111	.00009	92.259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01841	242.66	.00986	.00421	.86598	.00029	.02957
SDev	.00016	.77	.00050	.00036	.00401	.00008	.00068
%RSD	.85263	.31594	5.0625	8.5125	.46337	28.114	2.3078
#1	.01830	242.12	.01021	.00395	.86315	.00034	.02908
#2	.01852	243.20	.00950	.00446	.86882	.00023	.03005

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01699	.01847	-.00079	.00024	.03197
SDev	.00564	.00345	.00414	.01068	.03600
%RSD	33.208	18.687	523.26	4384.9	112.61
#1	-.01300	.01603	.00214	-.00730	.05742
#2	-.02098	.02091	-.00372	.00779	.00651

Analysis Report QC Standard 10/23/06 06:07:45 PM page 1

Method: ILMO53_ Sample Name: ICSAB
Run Time: 10/23/06 18:06:10 Operator: BF
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10249	.09140	.05294	.04150	.62718	237.66	.50361
SDev	.00232	.00662	.00004	.01203	.01063	1.01	.00173
%RSD	2.2633	7.2403	.07370	28.997	1.6944	.42467	.34289
#1	.10085	.09608	.05296	.05001	.61966	236.95	.50239
#2	.10413	.08672	.05291	Q.03299	.63469	238.38	.50483

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47602	.92803	235.90	.49128	.44656	.47946	92.515
SDev	.00210	.00420	1.09	.00189	.00106	.00224	.429
%RSD	.44189	.45276	.46158	.38534	.23817	.46692	.46333
#1	.47454	.92506	235.13	.48995	.44581	.47788	92.212
#2	.47751	.93100	236.67	.49262	.44732	.48104	92.818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49506	242.50	.92721	.17972	.87166	.47687	.95407
SDev	.00201	1.17	.00520	.00031	.00241	.00200	.00862
%RSD	.40608	.48404	.56077	.17416	.27622	.41946	.90385
#1	.49363	241.67	.92353	.17950	.86996	.47546	.94797
#2	.49648	243.33	.93088	.17995	.87336	.47828	.96017

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02716	.06580	.04247	.04102	.03434
SDev	.00145	.00078	.00251	.01679	.02930
%RSD	5.3222	1.1857	5.8997	40.938	85.341
#1	.02614	.06635	.04424	.05289	.05505
#2	.02818	.06525	.04070	.02914	.01362

Analysis Report QC Standard 10/23/06 06:09:51 PM

Method: ILMO53_ Sample Name: CCV
Run Time: 10/23/06 18:08:01 Operator: BF
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0549	5.1368	5.0436	5.0515	5.0134	9.8414	10.223
SDev	.0103	.0092	.0157	.0333	.0092	.0281	.049
%RSD	.20290	.17960	.31122	.65864	.18251	.28602	.48005
#1	5.0477	5.1433	5.0325	5.0280	5.0069	9.8215	10.188
#2	5.0622	5.1302	5.0547	5.0750	5.0198	9.8613	10.258

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25126	2.5380	25.205	.98939	2.4825	1.2511	5.0291
SDev	.00083	.0086	.047	.00146	.0071	.0054	.0170
%RSD	.33035	.33927	.18805	.14717	.28704	.43087	.33791
#1	.25067	2.5319	25.172	.98836	2.4775	1.2472	5.0171
#2	.25184	2.5441	25.239	.99042	2.4876	1.2549	5.0411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4993	24.707	2.5149	1.1545	25.651	2.4815	2.5620
SDev	.0084	.069	.0090	.0041	.051	.0084	.0099
%RSD	.33519	.28095	.35651	.35229	.20024	.33931	.38589
#1	2.4934	24.658	2.5086	1.1516	25.615	2.4755	2.5550
#2	2.5052	24.756	2.5213	1.1574	25.687	2.4874	2.5690

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.0508	5.0400	4.9566	5.0989	23.783
SDev	.0194	.0139	.0292	.0353	.091
%RSD	.38393	.27484	.58813	.69286	.38371
#1	5.0370	5.0302	4.9360	5.0739	23.718
#2	5.0645	5.0498	4.9772	5.1239	23.847

Analysis Report QC Standard 10/23/06 06:11:38 PM page 1

Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 18:10:01
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	-.02171	.00383	.01085	.01401	.01286	-.00680
SDev	.00405	.02468	.00667	.01678	.00534	.00036	.01054
%RSD	223.27	113.70	174.14	154.68	38.078	2.8326	155.02
#1	-.00105	Q-.03916	.00855	.02271	.01778	.01311	-.01425
#2	.00468	-.00426	-.00089	-.00102	.01024	.01260	.00065

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00045	-.01928	-.00049	-.00050	.00025	.02386
SDev	.00005	.00068	.02517	.00051	.00322	.00231	.00502
%RSD	647.21	150.12	130.54	103.67	641.95	924.23	21.048
#1	-.00003	.00093	-.03707	-.00085	-.00278	-.00138	.02031
#2	.00004	-.00003	-.00148	-.00013	.00177	.00188	.02741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	-.08449	.00024	-.00052	-.08172	-.00243	.00000
SDev	.00095	.14090	.00003	.00359	.10995	.00423	.00145
%RSD	130.18	166.76	13.242	696.31	134.55	174.26	43934.
#1	-.00140	-.18412	.00022	-.00306	-.15946	-.00542	.00103
#2	-.00006	.01514	.00026	.00203	-.00397	.00056	-.00102

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00195	.00477	.00232	.01510	-.02013
SDev	.00208	.01104	.00370	.02331	.01758
%RSD	106.17	231.49	159.26	154.33	87.348
#1	.00049	.01257	.00494	.03159	-.03256
#2	.00342	-.00304	-.00029	-.00138	-.00770

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Method: ILMO53_ Sample Name: X4831-02 Operator: BF
Run Time: 10/23/06 18:12:04
Comment: MH1W36
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03208	-.00166	1.1180	-.00280	.01759	1.3451	.03339
SDev	.00149	.00725	.0133	.01068	.00860	.0149	.00006
%RSD	4.6472	437.25	1.1877	382.25	48.926	1.1059	.16685
#1	.03103	.00347	1.1086	-.01035	.01150	1.3346	.03335
#2	.03314	-.00678	1.1273	.00476	.02367	1.3556	.03343

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.15577	301.61	.00493	.04917	.20285	21.173
SDev	.00001	.00129	1.96	.00004	.00036	.00037	.123
%RSD	1.4020	.82591	.65027	.84812	.72334	.18264	.57869
#1	.00056	.15486	300.22	.00490	.04892	.20259	21.087
#2	.00057	.15668	302.99	.00496	.04942	.20311	21.260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9324	46.442	.06544	.00267	36.707	.00034	42.942
SDev	.0102	.288	.00009	.00027	.213	.00006	.252
%RSD	.52553	.61942	.13839	10.120	.57939	17.545	.58702
#1	1.9252	46.238	.06537	.00248	36.557	.00038	42.763
#2	1.9395	46.645	.06550	.00286	36.858	.00030	43.120

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.1186	1.1176	.00050	-.00444	11.087
SDev	.0094	.0152	.00943	.01131	.083
%RSD	.83636	1.3632	1886.8	254.80	.74758
#1	1.1120	1.1069	-.00617	-.01244	11.028
#2	1.1252	1.1284	.00716	.00356	11.145

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Method: ILMO53_ Sample Name: X4831-03 Operator: BF
Run Time: 10/23/06 18:14:05
Comment: MH1W37
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00709	.00388	.00513	-.00933	.03483	.03331	.04977
SDev	.00202	.01751	.00033	.00143	.00637	.00161	.00008
%RSD	28.561	451.62	6.4825	15.285	18.305	4.8310	.15669
#1	.00565	.01626	.00536	-.00832	.03032	.03445	.04972
#2	.00852	-.00850	.00489	-.01034	.03934	.03218	.04983

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00754	208.09	.00734	.00121	.01190	.28359
SDev	.00000	.00011	.33	.00003	.00000	.00056	.00167
%RSD	32.582	1.4503	.15621	.33867	.00219	4.6965	.58824
#1	.00001	.00762	208.32	.00735	.00121	.01229	.28477
#2	.00001	.00746	207.86	.00732	.00121	.01150	.28241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15253	49.960	.00688	.00066	85.662	.00004	2.3614
SDev	.00021	.074	.00031	.00034	.255	.00042	.0101
%RSD	.14061	.14861	4.4777	51.737	.29793	1109.9	.42892
#1	.15269	50.013	.00710	.00090	85.843	.00033	2.3686
#2	.15238	49.908	.00666	.00042	85.482	-.00026	2.3542

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00452	.00544	-.01734	-.00533	3.7941
SDev	.00259	.00080	.00822	.00196	.0285
%RSD	57.456	14.660	47.366	36.804	.75025
#1	.00635	.00487	-.01154	-.00672	3.8142
#2	.00268	.00600	-.02315	-.00395	3.7739

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Method: ILMO53_ Sample Name: X4831-04 Operator: BF
Run Time: 10/23/06 18:16:08
Comment: MH1W38
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00803	.00394	.00360	-.00954	.03448	.01888	.04529
SDev	.00229	.00397	.00026	.01042	.01241	.00628	.00007
%RSD	28.556	100.76	7.3455	109.21	35.981	33.277	.14760
#1	.00641	.00675	.00379	-.00217	.04326	.02332	.04534
#2	.00965	.00113	.00341	-.01691	.02571	.01444	.04524

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00689	188.16	.00697	.00122	.01103	.11089
SDev	.00001	.00013	.18	.00022	.00072	.00049	.00780
%RSD	53.665	1.8451	.09496	3.2225	58.734	4.4544	7.0380
#1	.00002	.00698	188.03	.00713	.00173	.01138	.11640
#2	.00001	.00680	188.28	.00682	.00071	.01068	.10537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12807	45.100	.00501	.00128	78.394	.00005	2.1110
SDev	.00017	.016	.00068	.00177	.075	.00056	.0046
%RSD	.13376	.03522	13.533	137.86	.09521	1103.3	.21714
#1	.12795	45.089	.00549	.00253	78.341	.00045	2.1143
#2	.12820	45.111	.00453	.00003	78.446	-.00034	2.1078

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00661	.00210	-.01411	-.00726	3.2494
SDev	.00357	.00138	.02588	.00270	.0184
%RSD	53.997	65.949	183.48	37.200	.56682
#1	.00913	.00112	.00419	-.00535	3.2364
#2	.00409	.00308	-.03241	-.00917	3.2625

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Method: ILMO53_ Sample Name: X4831-05 Operator: BF
Run Time: 10/23/06 18:18:16
Comment: MH1W39
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	.00587	.00384	-.00314	.00974	.02321	.05009
SDev	.00013	.00092	.00039	.00405	.00604	.00132	.00026
%RSD	6.8419	15.737	10.134	129.01	62.053	5.6794	.51159
#1	.00185	.00652	.00411	-.00601	.00546	.02414	.05027
#2	.00204	.00522	.00356	-.00028	.01401	.02227	.04991

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00028	161.25	.02069	-.00006	.00735	.23555
SDev	.00000	.00005	.48	.00059	.00036	.00028	.01375
%RSD	83.740	19.205	.29653	2.8418	610.68	3.8245	5.8382
#1	.00000	.00032	161.59	.02111	-.00031	.00754	.24527
#2	.00001	.00024	160.92	.02028	.00020	.00715	.22583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05147	38.990	.00697	.00046	74.943	.00045	.31849
SDev	.00004	.103	.00099	.00075	.283	.00058	.00168
%RSD	.08503	.26394	14.154	163.96	.37802	129.68	.52864
#1	.05144	39.063	.00627	.00099	75.144	.00086	.31968
#2	.05150	38.917	.00766	-.00007	74.743	.00004	.31730

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00526	.00313	-.01083	.00070	3.3939
SDev	.00044	.00036	.01808	.00295	.0435
%RSD	8.3051	11.668	166.92	422.83	1.2827
#1	.00557	.00339	-.02361	.00278	3.4247
#2	.00495	.00287	.00195	-.00139	3.3631

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Method: ILMO53_ Sample Name: X4831-06 Operator: BF
Run Time: 10/23/06 18:20:04
Comment: MH1W40
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	-.00065	.00237	-.00406	.01989	.02568	.05154
SDev	.00243	.01400	.00036	.00360	.00035	.00044	.00017
%RSD	101.33	2161.3	15.134	88.706	1.7391	1.7296	.32427
#1	.00411	-.01054	.00211	-.00661	.01964	.02537	.05142
#2	.00068	.00925	.00262	-.00151	.02013	.02599	.05165

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00245	170.73	.00536	.00046	.00762	.08502
SDev	.00002	.00007	.47	.00003	.00036	.00112	.00546
%RSD	186.55	3.0019	.27319	.46250	78.791	14.660	6.4173
#1	-.00000	.00239	171.06	.00535	.00020	.00683	.08888
#2	.00002	.00250	170.40	.00538	.00071	.00841	.08116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08515	41.454	.00388	.00022	77.844	.00007	.37349
SDev	.00015	.075	.00025	.00108	.275	.00036	.00049
%RSD	.17629	.18161	6.3531	496.71	.35362	487.27	.13008
#1	.08526	41.507	.00405	-.00055	78.039	-.00018	.37315
#2	.08504	41.401	.00370	.00098	77.650	.00033	.37383

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.00278	-.00679	-.00270	3.4904
SDev	.00267	.00080	.00247	.00417	.0276
%RSD	172.60	28.701	36.308	154.53	.79154
#1	-.00034	.00334	-.00853	-.00565	3.5099
#2	.00344	.00221	-.00505	.00025	3.4708

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Method: ILMO53_ Sample Name: X4831-07 Operator: BF
Run Time: 10/23/06 18:22:01
Comment: MH1W41
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00640	-.00282	.00371	-.00064	.04698	.02827	.04653
SDev	.00432	.00042	.00010	.00101	.00896	.00088	.00012
%RSD	67.405	15.069	2.6814	157.96	19.079	3.0983	.26340
#1	.00946	-.00252	.00379	-.00135	.05331	.02889	.04661
#2	.00335	-.00312	.00364	.00007	.04064	.02765	.04644

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.01160	210.15	.00310	.00223	.00882	.15960
SDev	.00000	.00015	.28	.00011	.00072	.00014	.00007
%RSD	22.280	1.2578	.13352	3.4321	32.105	1.5978	.04151
#1	.00001	.01150	210.34	.00303	.00274	.00892	.15955
#2	.00002	.01170	209.95	.00318	.00173	.00872	.15964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14726	50.127	.00464	.00073	84.374	-.00002	2.7034
SDev	.00009	.017	.00021	.00041	.139	.00028	.0012
%RSD	.05839	.03444	4.6451	55.828	.16455	1535.7	.04459
#1	.14733	50.140	.00449	.00102	84.472	-.00022	2.7043
#2	.14720	50.115	.00479	.00044	84.276	.00018	2.7026

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00386	.00364	-.00542	.00175	3.5348
SDev	.00031	.00031	.00041	.00172	.0000
%RSD	8.1108	8.3911	7.5836	98.318	.00000
#1	.00364	.00386	-.00513	.00053	3.5348
#2	.00408	.00343	-.00571	.00296	3.5348

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Method: ILMO53_ Sample Name: X4831-08 Operator: BF
Run Time: 10/23/06 18:24:04
Comment: MH1W42
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01194	-.00968	.00260	-.00007	.03297	.04054	.04609
SDev	.00121	.01047	.00191	.00525	.01292	.00539	.00009
%RSD	10.168	108.14	73.682	7303.4	39.190	13.297	.19336
#1	.01280	-.01709	.00395	-.00378	.02383	.04435	.04616
#2	.01108	-.00228	.00124	.00364	.04210	.03673	.04603

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00400	225.75	.07137	.00170	.01002	.29839
SDev	.00001	.00007	.77	.00045	.00072	.00042	.01422
%RSD	41.019	1.7958	.33982	.62466	42.126	4.1668	4.7655
#1	.00001	.00405	226.30	.07105	.00120	.00973	.30844
#2	.00002	.00395	225.21	.07168	.00221	.01032	.28833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14126	53.760	.00707	.00129	82.600	.00048	1.3840
SDev	.00067	.134	.00015	.00094	.434	.00004	.0046
%RSD	.47295	.24924	2.1832	73.122	.52564	8.5413	.33076
#1	.14174	53.855	.00697	.00062	82.907	.00045	1.3872
#2	.14079	53.665	.00718	.00195	82.293	.00051	1.3807

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00362	.00209	.00591	-.00306	2.8694
SDev	.00012	.00281	.01233	.00171	.0368
%RSD	3.2581	134.63	208.72	56.081	1.2838
#1	.00370	.00407	-.00281	-.00427	2.8954
#2	.00353	.00010	.01462	-.00184	2.8433

Analysis Report

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Method: ILMO53_ Sample Name: X4831-09 Operator: BF
Run Time: 10/23/06 18:26:02
Comment: MH1W43
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	.00078	.00241	-.00604	.03561	.02125	.04605
SDev	.00486	.00481	.00078	.00439	.01017	.00234	.00007
%RSD	202.52	613.31	32.427	72.770	28.551	11.019	.14517
#1	-.00104	-.00262	.00186	-.00914	.02842	.02291	.04600
#2	.00583	.00419	.00296	-.00293	.04280	.01959	.04609

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00440	228.18	.00507	.00122	.00738	.12021
SDev	.00000	.00011	.63	.00003	.00072	.00049	.01092
%RSD	.79378	2.5050	.27536	.49024	58.803	6.6159	9.0805
#1	.00003	.00448	227.74	.00509	.00173	.00772	.11249
#2	.00003	.00433	228.62	.00506	.00071	.00703	.12793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17013	55.598	.00466	.00085	89.633	.00010	1.6792
SDev	.00060	.205	.00086	.00006	.193	.00032	.0087
%RSD	.35341	.36833	18.502	7.1815	.21489	316.13	.51665
#1	.16970	55.453	.00405	.00089	89.496	.00033	1.6731
#2	.17055	55.743	.00527	.00080	89.769	-.00012	1.6853

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00295	.00214	-.00312	-.00750	3.3234
SDev	.00340	.00052	.00041	.00638	.0578
%RSD	115.06	24.493	13.128	85.156	1.7382
#1	.00055	.00251	-.00341	-.01201	3.2826
#2	.00536	.00177	-.00283	-.00298	3.3643

Analysis Report

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Method: ILMO53_ Sample Name: X4831-10 Operator: BF
Run Time: 10/23/06 18:28:22
Comment: MH1W44
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00412	.00048	.00096	-.00365	.00503	.03424	.06496
SDev	.00890	.00524	.00215	.00111	.00413	.00320	.00008
%RSD	215.98	1096.3	224.77	30.495	82.245	9.3474	.12005
#1	-.00217	.00419	-.00056	-.00443	.00795	.03650	.06490
#2	.01042	-.00323	.00247	-.00286	.00210	.03198	.06502

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00032	296.23	.00425	.00095	.00360	.26665
SDev	.00002	.00029	.14	.00001	.00036	.00014	.00958
%RSD	82.567	92.089	.04616	.31106	37.937	3.8497	3.5926
#1	.00003	.00052	296.13	.00424	.00069	.00350	.27342
#2	.00001	.00011	296.33	.00426	.00120	.00370	.25988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58900	64.277	.00540	-.00045	76.878	.00001	.13830
SDev	.00015	.087	.00080	.00013	.169	.00044	.00169
%RSD	.02513	.13485	14.842	28.875	.21922	3202.1	1.2185
#1	.58890	64.216	.00483	-.00054	76.759	-.00030	.13711
#2	.58911	64.339	.00596	-.00036	76.997	.00032	.13949

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00217	.00035	.00102	-.00597	1.3474
SDev	.00103	.00373	.00452	.00392	.0142
%RSD	47.249	1066.8	443.55	65.655	1.0563
#1	.00289	-.00229	.00421	-.00875	1.3373
#2	.00144	.00299	-.00218	-.00320	1.3574

Analysis Report

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Method: ILMO53_ Sample Name: X4831-11
Run Time: 10/23/06 18:30:21 Operator: BF
Comment: MH1W45
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00634	.00067	.01611	-.00221	.03143	.01662	.04091
SDev	.00526	.00260	.00017	.00726	.00120	.00220	.00009
%RSD	82.977	388.38	1.0881	329.04	3.8186	13.215	.21787
#1	.00262	.00251	.01623	.00293	.03058	.01506	.04085
#2	.01006	-.00117	.01598	-.00734	.03228	.01817	.04097

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00799	226.92	.02016	.00147	.01195	.33316
SDev	.00000	.00005	.29	.00032	.00108	.00077	.00777
%RSD	.25765	.67919	.12993	1.5723	73.206	6.4501	2.3308
#1	.00004	.00795	227.13	.01993	.00071	.01141	.32767
#2	.00004	.00803	226.71	.02038	.00223	.01250	.33865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25472	55.982	.00853	.00029	82.436	.00039	2.4606
SDev	.00004	.062	.00037	.00143	.252	.00014	.0089
%RSD	.01603	.11104	4.3295	499.87	.30569	36.122	.36266
#1	.25474	56.026	.00880	-.00072	82.614	.00029	2.4669
#2	.25469	55.938	.00827	.00129	82.258	.00049	2.4543

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01788	.01522	-.01340	.00338	6.0099
SDev	.00104	.00026	.00657	.00760	.0092
%RSD	5.8258	1.6896	49.041	224.74	.15324
#1	.01862	.01504	-.00876	.00876	6.0164
#2	.01714	.01541	-.01805	-.00199	6.0034

Analysis Report QC Standard 10/23/06 06:33:52 PM

Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 18:32:10
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1997	5.2577	5.2243	5.2149	5.1430	10.014	10.420
SDev	.0471	.0933	.0686	.0391	.0230	.119	.100
%RSD	.90598	1.7741	1.3124	.75053	.44730	1.1857	.95551
#1	5.2330	5.3237	5.2728	5.2426	5.1593	10.098	10.491
#2	5.1664	5.1917	5.1758	5.1873	5.1267	9.9300	10.350

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25891	2.6172	26.006	1.0153	2.5437	1.2743	5.1490
SDev	.00375	.0347	.377	.0138	.0350	.0142	.0582
%RSD	1.4497	1.3244	1.4516	1.3545	1.3778	1.1122	1.1306
#1	.26157	2.6417	26.273	1.0251	2.5685	1.2844	5.1902
#2	.25626	2.5927	25.739	1.0056	2.5189	1.2643	5.1079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5591	25.532	2.5839	1.1801	26.129	2.5426	2.6582
SDev	.0334	.374	.0313	.0152	.315	.0319	.0432
%RSD	1.3034	1.4635	1.2104	1.2919	1.2071	1.2559	1.6236
#1	2.5827	25.796	2.6060	1.1908	26.352	2.5652	2.6887
#2	2.5355	25.268	2.5618	1.1693	25.906	2.5200	2.6277

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2125	5.2302	5.1003	5.2722	24.208
SDev	.0535	.0761	.0090	.0542	.360
%RSD	1.0255	1.4551	.17596	1.0280	1.4871
#1	5.2503	5.2840	5.1066	5.3105	24.463
#2	5.1747	5.1764	5.0939	5.2339	23.954

Analysis Report QC Standard 10/23/06 06:35:39 PM page 1

Method: ILMO53_ Sample Name: CCB
Run Time: 10/23/06 18:34:03 Operator: BF
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00334	.00128	.00163	-.00334	.00451	-.00504	.00081
SDev	.00405	.00697	.00044	.00442	.00259	.00277	.00020
%RSD	121.25	546.69	26.857	132.58	57.361	54.859	24.714
#1	-.00048	.00621	.00132	-.00021	.00268	-.00309	.00095
#2	-.00620	-.00365	.00194	-.00646	.00634	-.00700	.00067

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00042	.03559	.00001	.00127	.00040	.01572
SDev	.00001	.00009	.00378	.00001	.00000	.00042	.00248
%RSD	26.891	21.438	10.607	144.13	.00994	104.65	15.804
#1	.00004	.00036	.03292	-.00000	.00127	.00070	.01397
#2	.00002	.00049	.03826	.00002	.00127	.00010	.01748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00806	-.00028	.00015	.02270	.00028	.00171
SDev	.00009	.00104	.00028	.00115	.00241	.00040	.00000
%RSD	28.049	12.856	97.961	746.96	10.607	141.42	.00109
#1	.00037	.00879	-.00009	-.00066	.02440	.00000	.00171
#2	.00025	.00733	-.00048	.00097	.02100	.00056	.00171

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00116	.00302	-.00204	-.00399	.02368
SDev	.00308	.00219	.00493	.00417	.02763
%RSD	266.72	72.702	242.23	104.63	116.67
#1	.00102	.00147	.00145	-.00104	.00414
#2	-.00334	.00457	-.00552	-.00693	.04322

Analysis Report

10/23/06 06:38:06 PM

Method: ILMO53_ Sample Name: X4831-12 Operator: BF
Run Time: 10/23/06 18:36:00
Comment: MH1W46
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00345	.00601	.01045	.00587	.03395	.03064	.03738
SDev	.00283	.00396	.00083	.00665	.00052	.00336	.00018
%RSD	82.209	65.871	7.9386	113.38	1.5223	10.982	.47687
#1	.00545	.00881	.01103	.01057	.03359	.03302	.03751
#2	.00144	.00321	.00986	.00116	.03432	.02826	.03725

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00787	200.78	.00191	.00199	.01104	.17008
SDev	.00004	.00002	.48	.00018	.00036	.00063	.00504
%RSD	70.095	.23678	.24044	9.3387	18.026	5.6888	2.9650
#1	.00009	.00788	200.44	.00204	.00224	.01148	.16652
#2	.00003	.00786	201.12	.00178	.00174	.01060	.17365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08084	49.583	.00172	.00099	73.324	.00026	2.0561
SDev	.00026	.059	.00015	.00088	.308	.00068	.0101
%RSD	.31951	.11910	8.9726	88.866	.42029	261.03	.49265
#1	.08066	49.541	.00183	.00161	73.106	.00074	2.0489
#2	.08103	49.625	.00161	.00037	73.542	-.00022	2.0633

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01064	.01035	.00279	.00740	6.4841
SDev	.00809	.00279	.02342	.00172	.0084
%RSD	75.993	27.003	838.20	23.230	.12912
#1	.01636	.00837	.01935	.00618	6.4781
#2	.00492	.01232	-.01376	.00862	6.4900

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Method: ILMO53_ Sample Name: X4831-13 Operator: BF
Run Time: 10/23/06 18:38:24
Comment: MH1W47
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	-.00014	.00254	-.00059	.01320	.02404	.04413
SDev	.00216	.00125	.00135	.00658	.00828	.00831	.00006
%RSD	72.326	870.63	53.270	1114.2	62.732	34.582	.12623
#1	.00146	-.00103	.00158	-.00524	.00734	.02992	.04409
#2	.00451	.00074	.00350	.00406	.01905	.01816	.04417

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00278	138.10	.01160	.00122	.00852	.15089
SDev	.00001	.00007	.43	.00039	.00000	.00028	.03154
%RSD	40.887	2.5470	.31101	3.3421	.06628	3.3411	20.903
#1	.00002	.00283	137.80	.01188	.00122	.00872	.17319
#2	.00001	.00273	138.40	.01133	.00122	.00832	.12858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06027	34.606	.00812	.00036	49.885	.00084	1.3108
SDev	.00036	.102	.00126	.00110	.192	.00022	.0022
%RSD	.59864	.29340	15.543	306.97	.38450	26.227	.16537
#1	.06002	34.534	.00902	.00114	49.750	.00100	1.3092
#2	.06053	34.678	.00723	-.00042	50.021	.00069	1.3123

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00138	.00312	.00282	-.00229	3.3844
SDev	.00301	.00053	.01438	.00269	.0385
%RSD	218.49	16.913	510.05	117.22	1.1379
#1	-.00075	.00275	-.00735	-.00419	3.4116
#2	.00350	.00350	.01299	-.00039	3.3572

Analysis Report 10/23/06 06:41:57 PM

Method: ILMO53_ Sample Name: X4831-14 Operator: BF
Run Time: 10/23/06 18:40:16
Comment: MH1W48
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00842	.00144	.00593	-.00007	.01906	.02691	.05750
SDev	.00176	.01051	.00109	.01690	.00396	.00539	.00007
%RSD	20.844	730.74	18.446	24019.	20.795	20.046	.11625
#1	.00718	-.00599	.00515	.01188	.02187	.03073	.05745
#2	.00966	.00887	.00670	-.01202	.01626	.02310	.05755

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00048	143.26	.00230	.00044	.01660	.35477
SDev	.00001	.00005	.12	.00011	.00036	.00076	.01492
%RSD	297.27	11.242	.08256	4.5972	80.674	4.6074	4.2052
#1	.00000	.00044	143.18	.00238	.00019	.01714	.34422
#2	-.00001	.00052	143.35	.00223	.00070	.01606	.36532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18988	34.604	.00278	-.00036	60.447	-.00022	.46896
SDev	.00000	.020	.00018	.00195	.177	.00012	.00048
%RSD	.00065	.05688	6.6472	540.51	.29210	54.994	.10313
#1	.18988	34.590	.00291	.00102	60.322	-.00013	.46931
#2	.18988	34.618	.00265	-.00174	60.572	-.00030	.46862

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00946	.00416	.00497	-.00259	3.0618
SDev	.00170	.00249	.01438	.01815	.0511
%RSD	17.979	59.784	289.21	701.53	1.6680
#1	.01066	.00240	.01514	.01025	3.0257
#2	.00826	.00592	-.00520	-.01542	3.0979

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Method: ILMO53_ Sample Name: ~~Sample-1~~ X4831-15 Operator: BF
Run Time: 10/23/06 19:10:17
Comment: MH1W49
Mode: CONC Corr. Factor: 1

SJ 10/23/06

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00854	-.00905	.00550	.01364	.03218	.03340	.04968
SDev	.00404	.00851	.00225	.01015	.00316	.00243	.00074
%RSD	47.319	94.055	40.789	74.446	9.8108	7.2789	1.4840
#1	.01140	-.01507	.00709	.02082	.03441	.03168	.04916
#2	.00569	-.00303	.00392	.00646	.02995	.03512	.05020

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.01631	198.81	.03501	.00183	.02173	.29363
SDev	.00002	.00006	1.64	.00032	.00230	.00122	.01215
%RSD	17.320	.34994	.82374	.92458	125.40	5.5929	4.1386
#1	.00011	.01627	197.66	.03478	.00021	.02087	.28504
#2	.00008	.01635	199.97	.03524	.00346	.02259	.30223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48547	47.890	.01784	-.00155	118.51	-.00017	2.3661
SDev	.00400	.018	.00003	.00229	.97	.00025	.0194
%RSD	.82489	.03815	.18541	147.72	.81654	149.42	.82171
#1	.48263	47.877	.01782	-.00316	119.20	-.00035	2.3523
#2	.48830	47.903	.01786	.00007	117.83	.00001	2.3798

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.00584	.00648	.01721	6.6029
SDev	.00264	.00205	.01699	.00674	.0661
%RSD	54.632	35.071	262.22	39.155	1.0007
#1	.00670	.00729	.01850	.02198	6.5561
#2	.00296	.00439	-.00554	.01245	6.6496

Analysis Report 10/23/06 07:14:04 PM

Method: ILMO53_ Sample Name: X4831-16 Operator: BF
Run Time: 10/23/06 19:12:29
Comment: MH1W50
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01009	-.00573	.00246	.01938	.01013	.01081	.04085
SDev	.00377	.02008	.00208	.01430	.01418	.00332	.00002
%RSD	37.310	350.56	84.556	73.787	140.05	30.746	.05639
#1	.00743	-.01993	.00393	.02950	.02016	.01316	.04087
#2	.01276	.00847	.00099	.00927	.00010	.00846	.04084

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00961	176.37	.01522	.00619	.00880	.24005
SDev	.00001	.00033	.23	.00001	.00077	.00014	.00125
%RSD	5.8706	3.4069	.13140	.09398	12.394	1.5979	.52146
#1	.00014	.00985	176.53	.01523	.00564	.00890	.23916
#2	.00013	.00938	176.20	.01521	.00673	.00870	.24093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66992	43.291	.01826	-.00101	117.39	-.00031	2.2136
SDev	.00143	.043	.00049	.00014	.22	.00069	.0061
%RSD	.21278	.09962	2.6804	14.343	.18714	225.50	.27369
#1	.67093	43.321	.01791	-.00111	117.55	.00018	2.2179
#2	.66892	43.260	.01860	-.00091	117.24	-.00080	2.2094

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00361	.01335	.02240	5.8891
SDev	.00043	.00333	.00697	.01797	.0549
%RSD	261.86	92.374	52.189	80.214	.93272
#1	-.00014	.00596	.01828	.03510	5.9279
#2	.00046	.00125	.00842	.00969	5.8503

Analysis Report 10/23/06 07:15:54 PM

Method: ILMO53_ Sample Name: X4831-17 Operator: BF
Run Time: 10/23/06 19:14:17
Comment: MH1W51
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01085	-.00270	.01581	.00108	.00516	.02659	.56243
SDev	.00879	.00538	.00129	.00272	.00157	.00060	.00044
%RSD	80.954	199.07	8.1326	253.10	30.481	2.2419	.07784
#1	.01707	.00110	.01672	.00300	.00628	.02617	.56274
#2	.00464	-.00651	.01491	-.00085	.00405	.02701	.56212

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00308	261.19	.00246	.00028	.00660	.04956
SDev	.00001	.00000	.18	.00013	.00077	.00078	.00389
%RSD	11.332	.00735	.07014	5.1269	271.04	11.890	7.8452
#1	.00008	.00308	261.06	.00254	.00082	.00715	.05231
#2	.00007	.00308	261.32	.00237	-.00026	.00604	.04682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47729	72.180	.00385	.00017	145.84	.00201	.05510
SDev	.00055	.061	.00000	.00050	.32	.00021	.00101
%RSD	.11532	.08456	.01094	288.14	.22170	10.455	1.8375
#1	.47690	72.136	.00385	.00053	146.07	.00216	.05582
#2	.47768	72.223	.00385	-.00018	145.62	.00186	.05439

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01329	.01708	.00035	.00144	19.047
SDev	.00057	.00164	.00218	.00300	.103
%RSD	4.2837	9.6277	621.42	208.30	.54334
#1	.01369	.01824	.00189	.00356	19.120
#2	.01288	.01591	-.00119	-.00068	18.974

Analysis Report 10/23/06 07:17:45 PM

Method: ILMO53_ Sample Name: X4831-18 Operator: BF
Run Time: 10/23/06 19:16:08
Comment: MH1W51D
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00987	-.00150	.01614	.00368	.00083	.02765	.56419
SDev	.00655	.01157	.00090	.01284	.00105	.00574	.00099
%RSD	66.421	771.41	5.5687	349.09	126.90	20.773	.17560
#1	.01450	.00668	.01551	-.00540	.00158	.02359	.56349
#2	.00523	-.00968	.01678	.01275	.00009	.03171	.56489

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00313	262.84	.00247	.00082	.00660	.03020
SDev	.00002	.00004	.93	.00025	.00076	.00035	.01724
%RSD	19.275	1.2915	.35268	10.162	92.919	5.3272	57.065
#1	.00007	.00316	262.19	.00229	.00028	.00684	.01802
#2	.00009	.00310	263.50	.00265	.00136	.00635	.04239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47986	72.628	.00403	-.00009	145.52	.00151	.05330
SDev	.00149	.342	.00033	.00072	.36	.00055	.00049
%RSD	.31054	.47099	8.0796	797.83	.24400	36.267	.91899
#1	.47881	72.386	.00380	-.00060	145.77	.00112	.05295
#2	.48092	72.870	.00427	.00042	145.27	.00189	.05365

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01500	.01671	-.00242	.00672	19.050
SDev	.00085	.00092	.01655	.01098	.054
%RSD	5.6748	5.5212	683.09	163.40	.28415
#1	.01440	.01606	-.01412	-.00104	19.012
#2	.01561	.01736	.00928	.01449	19.089

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Method: ILMO53_ Sample Name: CRI Operator: BF
Run Time: 10/23/06 19:18:30
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01215	.01769	.01127	.03668	.07013	.19576	.21454
SDev	.00223	.00905	.00091	.00722	.00612	.01858	.00146
%RSD	18.343	51.185	8.0936	19.673	8.7318	9.4907	.68192
#1	.01057	.02409	.01192	.04179	.07446	.20890	.21558
#2	Q.01373	Q.01128	.01063	.03158	.06580	.18262	.21351

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00541	.00576	5.0969	.01031	.05184	.02461	.12365
SDev	.00007	.00017	.0852	.00053	.00115	.00022	.03439
%RSD	1.2783	2.9699	1.6715	5.1320	2.2140	.89925	27.812
#1	.00545	.00588	5.1572	.01068	.05265	.02477	Q.14796
#2	.00536	.00564	5.0367	.00993	.05103	.02445	.09933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01616	5.0139	.04326	.01166	4.3004	.05183	.06638
SDev	.00030	.0643	.00284	.00034	.0495	.00128	.00328
%RSD	1.8698	1.2829	6.5560	2.9251	1.1512	2.4750	4.9397
#1	.01638	5.0594	.04527	.01142	4.3354	.05274	.06870
#2	.01595	4.9684	.04126	.01190	4.2654	.05093	.06406

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00559	.01411	.02211	.04396	3.6493
SDev	.00832	.00552	.00784	.01473	.2181
%RSD	148.77	39.131	35.470	33.521	5.9771
#1	-.00029	.01801	.01657	.05438	3.8035
#2	.01147	.01020	.02766	.03354	3.4951

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Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/23/06 19:26:04
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00465	-.01234	.00473	-.00537	.00009	245.59	.00255
SDev	.00740	.01456	.00013	.00800	.00173	.32	.00002
%RSD	159.12	117.95	2.7796	149.03	1949.6	.13232	.90366
#1	.00988	-.00205	.00483	.00029	.00131	245.82	.00253
#2	-.00058	-.02264	.00464	-.01102	-.00113	245.36	.00257

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00119	248.65	.03932	.00120	.00111	97.942
SDev	.00000	.00005	.48	.00042	.00076	.00033	.161
%RSD	.04035	3.8886	.19173	1.0772	63.645	29.482	.16449
#1	.00052	.00122	248.99	.03962	.00174	.00088	98.056
#2	.00052	.00116	248.31	.03902	.00066	.00134	97.828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01906	257.09	.01155	.00322	.86096	.00102	.03221
SDev	.00013	.54	.00013	.00218	.00309	.00027	.00022
%RSD	.67634	.21124	1.1494	67.827	.35939	26.693	.69944
#1	.01915	257.48	.01146	.00168	.86314	.00083	.03237
#2	.01897	256.71	.01164	.00476	.85877	.00121	.03205

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01118	.01268	-.00857	-.00377	.04053
SDev	.00176	.00108	.01308	.01852	.02468
%RSD	15.747	8.4870	152.57	491.86	60.890
#1	-.01242	.01344	-.01782	.00933	.05798
#2	-.00993	.01192	.00068	-.01686	.02308

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Method: ILMO53_ Sample Name: ICSAB Operator: BF
Run Time: 10/23/06 19:30:01
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10235	.10301	.05686	.04744	.64367	245.47	.52229
SDev	.00879	.00501	.00294	.01044	.00857	.20	.00021
%RSD	8.5871	4.8612	5.1727	21.997	1.3312	.08169	.03969
#1	.09614	.09947	.05894	Q.04006	.63761	245.33	.52214
#2	.10857	.10655	.05478	.05482	.64972	245.61	.52243

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49452	.97553	247.95	.51982	.47254	.49348	98.075
SDev	.00047	.00095	.07	.00060	.00192	.00072	.035
%RSD	.09492	.09702	.02955	.11583	.40542	.14605	.03548
#1	.49419	.97620	247.90	.51939	.47119	.49297	98.051
#2	.49486	.97486	248.00	.52024	.47390	.49399	98.100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52229	255.27	.97566	.18873	.86314	.49845	1.0054
SDev	.00002	.27	.00065	.00225	.00155	.00074	.0005
%RSD	.00396	.10423	.06683	1.1894	.17924	.14786	.05149
#1	.52231	255.08	.97520	.19032	.86205	.49793	1.0057
#2	.52228	255.46	.97612	.18714	.86424	.49897	1.0050

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03615	.06721	.06444	.03896	.04447
SDev	.00510	.00186	.01132	.00999	.02388
%RSD	14.109	2.7732	17.567	25.654	53.704
#1	.03975	.06852	.05644	.03189	.02758
#2	.03254	.06589	.07245	.04602	.06136

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Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 19:32:00
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1786	5.1704	5.2734	5.2161	5.0807	10.029	10.419
SDev	.0081	.0285	.0086	.0503	.0301	.037	.031
%RSD	.15625	.55195	.16342	.96475	.59299	.37281	.30217
#1	5.1729	5.1502	5.2795	5.1805	5.0594	10.002	10.397
#2	5.1843	5.1905	5.2673	5.2517	5.1020	10.055	10.441

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25832	2.6425	26.139	1.0330	2.5945	1.2652	5.2477
SDev	.00064	.0051	.030	.0010	.0042	.0031	.0238
%RSD	.24662	.19243	.11653	.09802	.16138	.24830	.45330
#1	.25787	2.6389	26.117	1.0323	2.5915	1.2630	5.2309
#2	.25877	2.6461	26.160	1.0337	2.5974	1.2674	5.2645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6055	25.731	2.6155	1.2422	24.938	2.5598	2.6632
SDev	.0050	.072	.0036	.0036	.119	.0079	.0048
%RSD	.19081	.28123	.13591	.28715	.47769	.30781	.17999
#1	2.6020	25.680	2.6130	1.2396	24.854	2.5542	2.6598
#2	2.6090	25.782	2.6180	1.2447	25.022	2.5654	2.6666

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2904	5.2649	5.2137	5.2173	22.790
SDev	.0125	.0192	.0936	.0287	.205
%RSD	.23702	.36431	1.7959	.55010	.90120
#1	5.2816	5.2785	5.1475	5.1970	22.645
#2	5.2993	5.2514	5.2799	5.2376	22.936

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Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/23/06 19:34:00
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00582	.00094	.00175	-.00312	.00508	.00768	.00023
SDev	.00446	.00847	.00112	.00332	.00525	.00559	.00010
%RSD	76.694	904.46	63.623	106.47	103.38	72.712	45.457
#1	.00897	.00693	.00254	-.00077	.00137	.01163	.00030
#2	.00266	-.00505	.00096	-.00547	.00879	.00373	.00015

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00027	.01966	-.00016	.00081	.00126	.00024
SDev	.00000	.00004	.00309	.00014	.00077	.00078	.00937
%RSD	.02587	14.409	15.713	86.016	94.321	62.134	3974.7
#1	.00013	.00030	.02185	-.00026	.00136	.00181	-.00639
#2	.00013	.00024	.01748	-.00006	.00027	.00071	.00686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.01473	-.00016	-.00182	-.00492	-.00025	-.00000
SDev	.00005	.00110	.00033	.00128	.00387	.00004	.00050
%RSD	46.195	7.4432	202.55	70.235	78.567	16.779	89281.
#1	.00013	.01395	.00007	-.00091	-.00219	-.00028	-.00036
#2	.00007	.01551	-.00039	-.00272	-.00766	-.00022	.00036

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00305	.00415	-.01078	.00071	-.01745
SDev	.00299	.00018	.01002	.00998	.00796
%RSD	98.165	4.3160	92.927	1413.9	45.620
#1	-.00093	.00428	-.01786	.00776	-.01182
#2	-.00516	.00402	-.00370	-.00635	-.02308

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Method: ILMO53_ Sample Name: X4831-19 Operator: BF
Run Time: 10/23/06 19:37:21
Comment: MH1W51S
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04491	.04930	.03739	.05876	.11889	2.0653	2.6444
SDev	.00097	.01225	.00315	.00534	.00438	.0221	.0254
%RSD	2.1682	24.841	8.4365	9.0848	3.6797	1.0713	.95882
#1	.04560	.05796	.03516	.05498	.11580	2.0497	2.6265
#2	.04422	.04064	.03962	.06253	.12199	2.0810	2.6624

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05139	.05335	258.63	.20534	.48459	.25704	1.0675
SDev	.00040	.00056	2.48	.00169	.00381	.00221	.0027
%RSD	.78510	1.0475	.95923	.82379	.78613	.86080	.25440
#1	.05110	.05295	256.88	.20415	.48190	.25547	1.0655
#2	.05167	.05374	260.38	.20654	.48728	.25860	1.0694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97857	71.656	.49052	.06129	143.95	.50896	.54479
SDev	.00816	.598	.00375	.00006	1.14	.00612	.00275
%RSD	.83342	.83389	.76457	.10604	.79265	1.2019	.50499
#1	.97281	71.233	.48787	.06125	143.14	.50463	.54284
#2	.98434	72.079	.49318	.06134	144.75	.51328	.54673

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03366	.03925	.04711	.06458	18.708
SDev	.00444	.00251	.01305	.00149	.366
%RSD	13.188	6.4067	27.709	2.3018	1.9574
#1	.03052	.03747	.03788	.06352	18.449
#2	.03680	.04103	.05634	.06563	18.967

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Method: ILMO53_ Sample Name: X4831-17LX5 Operator: BF
Run Time: 10/23/06 19:39:45
Comment: MH1W51L
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00888	-.00333	.00426	.00465	-.00359	.01195	.12308
SDev	.01269	.00087	.00174	.00983	.00491	.00105	.00086
%RSD	142.96	26.094	40.870	211.39	136.78	8.7657	.70196
#1	.01785	-.00272	.00549	-.00230	-.00012	.01269	.12369
#2	-.00010	-.00395	.00303	.01160	-.00706	.01121	.12247

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00103	58.527	.00008	-.00066	.00151	.01935
SDev	.00003	.00015	.558	.00070	.00038	.00128	.00007
%RSD	27.320	14.904	.95260	846.17	58.324	84.779	.36924
#1	.00010	.00114	58.921	-.00041	-.00093	.00061	.01941
#2	.00014	.00092	58.133	.00058	-.00039	.00242	.01930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10623	15.980	.00076	-.00248	38.723	.00028	.01503
SDev	.00080	.126	.00026	.00292	.417	.00051	.00051
%RSD	.75548	.78671	34.321	117.68	1.0767	179.27	3.3951
#1	.10680	16.069	.00058	-.00455	39.018	-.00008	.01466
#2	.10566	15.891	.00094	-.00042	38.428	.00064	.01539

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00410	.00434	.00295	.00550	3.2919
SDev	.00067	.00228	.02352	.00300	.0836
%RSD	16.350	52.453	796.89	54.484	2.5392
#1	.00458	.00595	-.01368	.00338	3.3510
#2	.00363	.00273	.01958	.00762	3.2328

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Method: ILMO53_ Sample Name: X4831-20 Operator: BF
Run Time: 10/23/06 19:41:54
Comment: MH1W52
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01166	-.01223	.00633	-.00480	.00612	.02038	.06073
SDev	.00321	.00401	.00057	.00784	.00911	.00754	.00007
%RSD	27.516	32.785	9.0330	163.48	148.83	37.002	.11382
#1	.01393	-.01506	.00674	.00075	-.00032	.01505	.06078
#2	.00939	-.00939	.00593	-.01034	.01256	.02572	.06068

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00112	141.58	.01060	.00075	.00611	.14929
SDev	.00001	.00006	.75	.00015	.00000	.00021	.00526
%RSD	5.9793	5.1946	.52723	1.4179	.03125	3.4764	3.5231
#1	.00014	.00108	141.05	.01071	.00075	.00596	.15301
#2	.00013	.00116	142.11	.01050	.00075	.00626	.14557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07963	35.361	.00489	.00123	56.447	.00026	.42575
SDev	.00038	.260	.00049	.00022	.065	.00008	.00580
%RSD	.48343	.73483	10.012	17.872	.11511	32.886	1.3616
#1	.07935	35.177	.00454	.00138	56.401	.00032	.42166
#2	.07990	35.545	.00523	.00107	56.493	.00020	.42985

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00704	.00598	-.01428	-.00007	3.0881
SDev	.00192	.00182	.01655	.00350	.0056
%RSD	27.271	30.343	115.94	5273.2	.18045
#1	.00568	.00727	-.00257	.00241	3.0842
#2	.00839	.00470	-.02598	-.00254	3.0920

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Method: ILMO53_ Sample Name: X4831-21 Operator: BF
Run Time: 10/23/06 19:43:46
Comment: MH1W53
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01239	-.00375	.00540	.00804	.02262	.02988	.01746
SDev	.00600	.01029	.00076	.00228	.00350	.00619	.00003
%RSD	48.395	274.23	14.069	28.314	15.488	20.734	.19789
#1	.00815	-.01103	.00486	.00643	.02510	.02550	.01744
#2	.01663	.00353	.00594	.00964	.02015	.03426	.01749

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.01744	172.80	.06704	.00075	.01904	1.3199
SDev	.00001	.00006	.46	.00016	.00077	.00028	.0017
%RSD	11.349	.33108	.26569	.24447	102.82	1.4859	.12668
#1	.00012	.01740	173.12	.06692	.00020	.01924	1.3187
#2	.00010	.01748	172.47	.06715	.00129	.01884	1.3211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60519	33.778	.02951	-.00075	60.945	.00031	3.9042
SDev	.00147	.079	.00019	.00071	.241	.00023	.0015
%RSD	.24298	.23370	.66221	94.388	.39602	75.896	.03888
#1	.60623	33.834	.02965	-.00126	61.116	.00014	3.9031
#2	.60415	33.722	.02937	-.00025	60.775	.00047	3.9053

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00291	.00664	.00840	.00785	3.8531
SDev	.00062	.00083	.01133	.00224	.0127
%RSD	21.188	12.514	134.77	28.572	.33057
#1	.00247	.00606	.00040	.00944	3.8441
#2	.00334	.00723	.01641	.00627	3.8621

Analysis Report 10/23/06 07:47:27 PM

Method: ILMO53_ Sample Name: X4831-22 Operator: BF
Run Time: 10/23/06 19:45:51
Comment: MH1W54
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01276	-.01098	.00367	.00819	.00957	.05292	.05694
SDev	.00307	.00670	.00097	.00513	.00753	.00075	.00017
%RSD	24.043	61.034	26.280	62.698	78.715	1.4250	.30348
#1	.01493	-.00624	.00435	.00456	.00424	.05345	.05706
#2	.01059	-.01572	.00299	.01182	.01489	.05238	.05682

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00066	148.06	.01820	.00102	.00604	.28029
SDev	.00001	.00012	.52	.00022	.00038	.00092	.00480
%RSD	13.408	17.441	.34912	1.2382	37.643	15.298	1.7136
#1	.00008	.00058	148.43	.01836	.00075	.00669	.27689
#2	.00010	.00074	147.70	.01804	.00129	.00538	.28368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19217	34.858	.00892	.00006	61.158	.00010	.46130
SDev	.00016	.147	.00020	.00164	.140	.00017	.00100
%RSD	.08183	.42148	2.1932	2613.8	.22894	163.54	.21759
#1	.19228	34.962	.00906	.00122	61.257	.00022	.46201
#2	.19206	34.754	.00878	-.00109	61.059	-.00002	.46059

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00212	.00445	.00129	.01164	3.1151
SDev	.00124	.00083	.00392	.00574	.0215
%RSD	58.525	18.617	304.64	49.342	.68999
#1	.00299	.00503	-.00149	.00758	3.1303
#2	.00124	.00386	.00406	.01570	3.0999

Analysis Report QC Standard 10/23/06 08:12:17 PM

Method: ILMO53_ Sample Name: CRI Operator: BF
Run Time: 10/23/06 20:03:25
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00808	.03028	.01191	.03908	.07336	.19469	.21430
SDev	.00572	.00801	.00037	.00641	.01068	.00076	.00022
%RSD	70.848	26.447	3.1368	16.408	14.552	.39135	.10213
#1	.01213	.02461	.01217	.04361	.08090	.19523	.21446
#2	Q.00403	.03594	.01165	.03454	.06581	.19415	.21415

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00536	5.0591	.00984	.05157	.02486	.10209
SDev	.00001	.00015	.0168	.00031	.00077	.00000	.01541
%RSD	.14726	2.8537	.33156	3.1811	1.4855	.01605	15.092
#1	.00548	.00547	5.0710	.01006	.05211	.02486	.11299
#2	.00547	.00526	5.0473	.00962	.05103	.02486	.09120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01595	5.0292	.04299	.01281	4.2348	.05154	.06477
SDev	.00014	.0150	.00081	.00042	.0077	.00023	.00000
%RSD	.87531	.29794	1.8961	3.2876	.18267	.45025	.00177
#1	.01605	5.0397	.04356	.01251	4.2402	.05170	.06477
#2	.01585	5.0186	.04241	Q.01310	4.2293	.05137	.06477

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00944	.01314	.05926	.02900	3.5547
SDev	.00292	.00202	.01173	.00376	.0080
%RSD	30.905	15.340	19.801	12.947	.22395
#1	.00738	.01457	.06756	.03166	3.5604
#2	.01150	.01172	.05096	.02635	3.5491

Analysis Report QC Standard 10/23/06 08:22:39 PM

Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/23/06 20:19:22
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00178	.00696	.00519	-.00727	.00695	250.67	.00266
SDev	.00412	.00406	.00137	.00499	.00686	28.96	.00042
%RSD	231.10	58.362	26.470	68.655	98.707	11.554	15.569
#1	.00113	.00409	.00616	-.01080	.00210	271.15	.00296
#2	-.00469	.00983	.00422	-.00374	.01180	230.19	.00237

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00094	254.94	.03970	.00169	.00026	100.02
SDev	.00003	.00015	28.28	.00433	.00103	.00056	11.28
%RSD	5.1797	15.691	11.094	10.916	61.161	220.54	11.275
#1	.00057	.00105	274.94	.04276	.00096	.00065	107.99
#2	.00053	.00084	234.94	.03664	.00242	-.00014	92.044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01903	263.31	.01156	.00270	.88065	.00045	.03832
SDev	.00246	30.31	.00171	.00128	.11913	.00024	.00374
%RSD	12.936	11.511	14.790	47.268	13.527	53.888	9.7554
#1	.02077	284.74	.01277	.00361	.96488	.00063	.04096
#2	.01729	241.88	.01035	.00180	.79641	.00028	.03568

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00672	.01113	.01737	-.01958	.06699
SDev	.00704	.00146	.00553	.01025	.00637
%RSD	104.76	13.090	31.849	52.349	9.5073
#1	-.00174	.01010	.02128	-.02682	.06248
#2	-.01170	.01216	.01346	-.01233	.07149

Analysis Report QC Standard 10/23/06 08:24:52 PM page 1

Method: ILMO53_ Sample Name: ICSAB Operator: BF
Run Time: 10/23/06 20:23:17
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09968	.08946	.05793	.04939	.65617	246.72	.52489
SDev	.00460	.01012	.00028	.00837	.00716	.11	.00021
%RSD	4.6144	11.315	.49024	16.952	1.0909	.04611	.03951
#1	.09643	.08231	.05813	.05531	.66123	246.80	.52475
#2	.10293	.09662	.05772	.04347	.65111	246.64	.52504

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50075	.99185	250.85	.52387	.47604	.49559	98.932
SDev	.00015	.00062	.29	.00081	.00000	.00006	.092
%RSD	.02964	.06283	.11420	.15491	.00046	.01120	.09309
#1	.50064	.99141	251.05	.52444	.47604	.49555	98.997
#2	.50085	.99229	250.65	.52329	.47604	.49563	98.867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52610	258.84	.98736	.18985	.85275	.50223	1.0218
SDev	.00038	.27	.00261	.00002	.00387	.00002	.0018
%RSD	.07138	.10462	.26402	.01228	.45356	.00367	.17160
#1	.52636	259.04	.98920	.18987	.85549	.50222	1.0230
#2	.52583	258.65	.98551	.18983	.85002	.50225	1.0206

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.04823	.06276	.08173	.03324	.05066
SDev	.00119	.00017	.03259	.00372	.00398
%RSD	2.4653	.26746	39.877	11.191	7.8567
#1	.04907	.06265	.10478	.03061	.05348
#2	.04739	.06288	.05869	.03587	.04785

Analysis Report QC Standard 10/23/06 08:26:49 PM

Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/23/06 20:25:08
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2829	5.2918	5.3532	5.3015	5.1489	10.062	10.466
SDev	.0288	.0430	.0008	.0253	.0321	.039	.006
%RSD	.54423	.81329	.01427	.47776	.62260	.38355	.05998
#1	5.3033	5.2614	5.3527	5.2836	5.1716	10.090	10.470
#2	5.2626	5.3223	5.3538	5.3194	5.1262	10.035	10.462

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26115	2.6803	26.422	1.0405	2.6183	1.2745	5.2713
SDev	.00041	.0042	.090	.0007	.0065	.0036	.0103
%RSD	.15750	.15598	.33915	.06803	.24869	.28013	.19519
#1	.26144	2.6833	26.486	1.0410	2.6229	1.2770	5.2786
#2	.26086	2.6773	26.359	1.0400	2.6137	1.2720	5.2640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6245	26.065	2.6436	1.2452	25.026	2.5774	2.7116
SDev	.0057	.053	.0050	.0038	.080	.0066	.0005
%RSD	.21569	.20191	.18998	.30294	.32147	.25678	.01872
#1	2.6285	26.102	2.6472	1.2479	25.083	2.5821	2.7112
#2	2.6205	26.028	2.6401	1.2426	24.969	2.5727	2.7120

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.3700	5.3449	5.2932	5.3056	22.848
SDev	.0287	.0155	.0226	.0493	.166
%RSD	.53427	.28941	.42680	.92832	.72819
#1	5.3903	5.3339	5.3091	5.2708	22.966
#2	5.3497	5.3558	5.2772	5.3405	22.731

Analysis Report QC Standard 10/23/06 08:28:45 PM

Method: ILMO53_ Sample Name: CCB
Run Time: 10/23/06 20:27:11 Operator: BF
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00401	-.00349	.00219	-.00503	.00137	.01739	.00020
SDev	.00586	.02725	.00066	.00267	.00385	.00030	.00006
%RSD	146.09	780.34	29.937	53.106	281.67	1.7448	29.463
#1	-.00013	.01578	.00173	-.00314	.00409	.01717	.00024
#2	.00816	-.02276	.00266	-.00692	-.00136	.01760	.00015

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00033	.02809	-.00043	.00027	.00151	-.00127
SDev	.00002	.00015	.00177	.00021	.00000	.00028	.00177
%RSD	9.5183	47.164	6.2854	50.047	.01873	18.833	138.99
#1	.00016	.00044	.02934	-.00058	.00027	.00171	-.00252
#2	.00018	.00022	.02684	-.00027	.00027	.00131	-.00002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.01189	.00055	-.00127	-.00766	-.00031	.00071
SDev	.00009	.00219	.00023	.00021	.00000	.00013	.00051
%RSD	141.83	18.446	41.246	16.819	.00000	40.448	70.772
#1	-.00000	.01034	.00071	-.00112	-.00766	-.00040	.00107
#2	.00013	.01344	.00039	-.00142	-.00766	-.00022	.00036

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	.00350	.00615	-.01061	.02139
SDev	.00050	.00073	.01652	.01225	.01990
%RSD	119.97	21.000	268.69	115.48	93.040
#1	-.00077	.00298	-.00553	-.00195	.00732
#2	-.00006	.00402	.01783	-.01927	.03546

Standardization Rpt. 10/25/06 02:22:53 PM page 1

Method: ILMO53_ Standard: S0
Run Time: 10/25/06 14:20:29

Elem	As1890	Tl1908	Sb2068	Al3082	Ba4934	Be3130	Cd2265
Avge	-.00022	-.00090	-.00155	-.01257	-.00020	.00990	.00000
SDev	.00117	.00071	.00007	.00039	.00071	.00028	.00014
%RSD	518.55	78.567	4.5620	3.0927	353.55	2.8570	.00000
#1	.00060	-.00140	-.00160	-.01230	.00030	.01010	.00010
#2	-.00105	-.00040	-.00150	-.01285	-.00070	.00970	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mn2576	Mg2790
Avge	.00385	.00015	.00005	.00900	.00650	.00795	.00140
SDev	.00007	.00191	.00021	.00014	.00156	.00021	.00085
%RSD	1.8366	1272.8	424.26	1.5714	23.933	2.6683	60.609
#1	.00390	.00150	.00020	.00910	.00540	.00810	.00080
#2	.00380	-.00120	-.00010	.00890	.00760	.00780	.00200

Elem	Ni2316	Ag3280	Na5889	V_2924	Zn2062	220351	220352
Avge	.00105	.00095	-.00525	-.00340	.00090	.01065	-.00015
SDev	.00064	.00035	.00014	.00028	.00014	.01025	.00431
%RSD	60.609	37.216	2.6937	8.3189	15.713	96.273	2875.6
#1	.00150	.00120	-.00515	-.00360	.00080	.01790	.00290
#2	.00060	.00070	-.00535	-.00320	.00100	.00340	-.00320

Elem	196021	196022	K_7664
Avge	.00225	-.00080	-.06535
SDev	.00078	.00099	.00276
%RSD	34.570	123.74	4.2199
#1	.00280	-.00010	-.06340
#2	.00170	-.00150	-.06730

Instrument ID: P3
Blank Preparation date: 10/18/06
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10/25/06 BF

Standardization Rpt. 10/25/06 02:25:07 PM page 1

Method: ILMO53 Standard: S
Run Time: 10/25/06 14:23:28

Elem	As1890	Tl1908	Sb2068	Al3082	Ba4934	Be3130	Cd2265
Avge	2.5453	1.5163	4.0156	4.8436	123.49	4.4347	18.371
SDev	.0116	.0005	.0108	.0249	.51	.0171	.079
%RSD	.45422	.03264	.26942	.51387	.41638	.38507	.42762
#1	2.5535	1.5159	4.0232	4.8612	123.86	4.4468	18.427
#2	2.5371	1.5166	4.0079	4.8260	123.13	4.4226	18.316

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mn2576	Mg2790
Avge	8.1800	5.8239	.96820	2.5266	1.7190	15.908	9.9219
SDev	.0289	.0194	.00410	.0123	.0081	.086	.0359
%RSD	.35356	.33268	.42359	.48697	.47304	.54318	.36204
#1	8.2004	5.8376	.97110	2.5353	1.7248	15.969	9.9473
#2	8.1595	5.8102	.96530	2.5179	1.7133	15.847	9.8965

Elem	Ni2316	Ag3280	Na5889	V_2924	Zn2062	220351	220352
Avge	11.041	2.9366	2.2723	8.5475	1.3981	54.192	68.911
SDev	.051	.0108	.0106	.0368	.0033	.004	.154
%RSD	.46049	.36840	.46523	.43059	.23265	.00757	.22318
#1	11.077	2.9443	2.2798	8.5735	1.4004	54.195	69.020
#2	11.005	2.9290	2.2648	8.5215	1.3958	54.189	68.802

Elem	196021	196022	K_7664
Avge	1.6826	2.8741	4.4419
SDev	.0013	.0038	.0262
%RSD	.07984	.13285	.59059
#1	1.6836	2.8714	4.4605
#2	1.6817	2.8768	4.4234

Standard Preparation date: 10/10/06
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10/25/06 BF

Analysis Report QC Standard 10/25/06 02:31:29 PM

Method: ILMO53_ Sample Name: ICV
Run Time: 10/25/06 14:29:16 Operator: BF
Comment: ICV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0027	1.0689	1.0532	1.0315	1.0461	2.5011	.53248
SDev	.0012	.0189	.0065	.0194	.0107	.0034	.00011
%RSD	.12147	1.7645	.61639	1.8760	1.0221	.13562	.02138
#1	1.0019	1.0822	1.0486	1.0178	1.0537	2.4987	.53240
#2	1.0036	1.0556	1.0578	1.0452	1.0386	2.5035	.53256

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50691	.52419	10.401	.50351	.51207	.48501	5.2394
SDev	.00040	.00143	.000	.00101	.00084	.00015	.0083
%RSD	.07954	.27225	.00000	.20008	.16422	.03179	.15853
#1	.50720	.52520	10.401	.50423	.51147	.48490	5.2335
#2	.50663	.52319	10.401	.50280	.51266	.48512	5.2453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51975	6.1340	.51847	Q.00705	9.1493	.51069	1.0621
SDev	.00015	.0100	.00051	.00028	.0071	.00083	.0037
%RSD	.02930	.16376	.09764	3.9069	.07791	.16219	.34532
#1	.51964	6.1411	.51883	Q.00686	9.1442	.51010	1.0647
#2	.51986	6.1269	.51812	Q.00725	9.1543	.51128	1.0595

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.0511	1.0543	1.0176	1.0384	Q7.6437
SDev	.0062	.0066	.0237	.0172	.0119
%RSD	.58872	.63016	2.3267	1.6555	.15598
#1	1.0468	1.0496	1.0009	1.0263	Q7.6353
#2	1.0555	1.0590	1.0344	1.0506	Q7.6521

Analysis Report QC Standard 10/25/06 03:18:37 PM page 1

Method: ILMO53_ Sample Name: ICB Operator: BF
Run Time: 10/25/06 15:17:02
Comment: ICB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.00394	.00515	-.00202	.01133	.00430	.00029
SDev	.00625	.00454	.00192	.01318	.00528	.00450	.00005
%RSD	205.12	115.25	37.261	651.14	46.629	104.49	15.713
#1	.00746	.00073	.00651	.00730	.01506	.00748	.00032
#2	-.00137	.00715	.00380	-.01135	.00759	.00112	.00026

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00003	.05382	.00045	-.00052	.00114	.03870
SDev	.00000	.00023	.01513	.00033	.00037	.00049	.00040
%RSD	3.4374	768.47	28.124	72.036	70.502	42.892	1.0239
#1	.00012	.00013	.06452	.00068	-.00026	.00149	.03898
#2	.00013	-.00019	.04311	.00022	-.00078	.00080	.03842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.01436	-.00054	-.00015	.00220	.00028	.00823
SDev	.00024	.00249	.00048	.00114	.00155	.00023	.00506
%RSD	418.41	17.368	88.282	770.78	70.710	81.824	61.497
#1	.00011	.01613	-.00020	.00066	.00329	.00044	.01182
#2	-.00023	.01260	-.00088	-.00096	.00110	.00012	.00465

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00581	.00483	-.00715	.00053	.04493
SDev	.00209	.00184	.01643	.01156	.01255
%RSD	35.949	38.049	229.69	2161.8	27.935
#1	.00728	.00613	.00446	.00871	.05380
#2	.00433	.00353	-.01877	-.00764	.03605

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Method: ILMO53_ Sample Name: CRI Operator: BF
Run Time: 10/25/06 15:21:07
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00719	.02820	.01052	.03580	.07320	.19083	.21133
SDev	.00319	.00457	.00149	.00148	.00564	.00407	.00082
%RSD	44.437	16.197	14.148	4.1269	7.6984	2.1300	.39016
#1	Q.00493	.03142	.00946	.03476	.06921	.19371	.21191
#2	.00945	.02497	.01157	.03685	.07718	.18796	.21075

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00535	.00530	5.0054	.01011	.05009	.02448	.11518
SDev	.00001	.00023	.0221	.00017	.00037	.00035	.00135
%RSD	.22044	4.3530	.44059	1.6561	.73057	1.4296	1.1747
#1	.00536	.00514	5.0210	.00999	.05035	.02473	.11423
#2	.00534	.00547	4.9898	.01023	.04983	.02424	.11614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01503	4.8969	.04072	.01032	4.2694	.05040	.06585
SDev	.00011	.0150	.00048	.00018	.0179	.00037	.00025
%RSD	.73671	.30566	1.1791	1.7319	.41814	.73630	.38372
#1	.01511	4.9075	.04038	.01045	4.2821	.05066	.06603
#2	.01496	4.8863	.04106	.01019	4.2568	.05014	.06567

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01282	.00937	.01513	.04612	3.4749
SDev	.00002	.00224	.00000	.00221	.0377
%RSD	.18093	23.937	.00151	4.8026	1.0835
#1	.01283	.00778	.01513	.04456	3.5015
#2	.01280	.01095	.01513	.04769	3.4483

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Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/25/06 15:30:46
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00190	-.01383	.00509	.00811	.00186	241.06	.00254
SDev	.00223	.00489	.00431	.03019	.00336	.04	.00012
%RSD	116.96	35.334	84.618	372.47	180.73	.01539	4.5039
#1	.00033	-.01037	.00204	-.01324	.00423	241.09	.00246
#2	.00348	-.01728	.00814	.02945	-.00052	241.04	.00262

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00141	240.89	.03829	.00217	.00062	94.341
SDev	.00002	.00005	.14	.00012	.00146	.00002	.071
%RSD	3.4562	3.7324	.05709	.32382	67.598	2.3732	.07493
#1	.00048	.00138	240.80	.03821	.00113	.00061	94.291
#2	.00046	.00145	240.99	.03838	.00320	.00063	94.391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01768	248.24	.01069	.00967	.86991	.00001	.03136
SDev	.00022	.10	.00026	.00002	.00078	.00004	.00177
%RSD	1.2259	.03847	2.3886	.18386	.08923	633.29	5.6331
#1	.01783	248.18	.01051	.00968	.87046	-.00002	.03011
#2	.01752	248.31	.01087	.00965	.86936	.00004	.03261

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02089	.01806	-.00647	.01538	.10594
SDev	.00440	.00426	.02063	.03496	.03922
%RSD	21.062	23.596	318.91	227.29	37.021
#1	-.02400	.01505	-.02106	-.00934	.13367
#2	-.01778	.02107	.00812	.04011	.07821

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Method: ILMO53 Sample Name: ICSAB Operator: BF
Run Time: 10/25/06 15:39:07
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09974	.09762	.05241	.05433	.64405	240.24	.51063
SDev	.00193	.00396	.00087	.00608	.00162	.37	.00096
%RSD	1.9374	4.0587	1.6624	11.199	.25134	.15443	.18838
#1	.09837	.10042	.05179	.05002	.64291	240.51	.51131
#2	.10110	.09482	.05302	.05863	.64520	239.98	.50995

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48321	.94418	240.18	.50034	.45236	.48822	94.476
SDev	.00094	.00237	.41	.00119	.00037	.00087	.181
%RSD	.19406	.25137	.17122	.23849	.08226	.17800	.19126
#1	.48387	.94586	240.47	.50118	.45210	.48884	94.603
#2	.48255	.94250	239.89	.49950	.45263	.48761	94.348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50206	246.94	.94150	.22656	.87705	.48473	.95759
SDev	.00131	.39	.00288	.00086	.00000	.00036	.00023
%RSD	.26095	.15703	.30574	.37764	.00000	.07320	.02422
#1	.50299	247.21	.94353	.22595	.87705	.48498	.95776
#2	.50113	246.67	.93946	.22716	.87705	.48447	.95743

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02413	.06652	.04270	.06013	.09984
SDev	.00031	.00146	.00212	.00806	.04000
%RSD	1.2778	2.1950	4.9735	13.406	40.069
#1	.02435	.06549	.04120	.05443	.07155
#2	.02392	.06755	.04420	.06583	.12813

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Method: ILMO53_ Sample Name: CCV Operator: BF
Run Time: 10/25/06 15:41:05
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1348	5.1514	5.1099	5.0606	5.0194	10.010	10.363
SDev	.0051	.0031	.0045	.0184	.0113	.163	.024
%RSD	.10012	.06073	.08789	.36456	.22496	1.6285	.23249
#1	5.1384	5.1536	5.1131	5.0736	5.0274	10.126	10.380
#2	5.1311	5.1492	5.1067	5.0475	5.0114	9.8952	10.346

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25643	2.5856	25.974	1.0112	2.5203	1.2653	5.1947
SDev	.00068	.0089	.122	.0011	.0058	.0040	.0448
%RSD	.26470	.34304	.46782	.10481	.23180	.31638	.86179
#1	.25691	2.5918	26.060	1.0120	2.5244	1.2682	5.2264
#2	.25595	2.5793	25.888	1.0105	2.5161	1.2625	5.1631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5516	25.210	2.5601	1.2418	25.535	2.5372	2.6019
SDev	.0056	.109	.0071	.0041	.122	.0074	.0089
%RSD	.22070	.43401	.27643	.33188	.47723	.28983	.34038
#1	2.5556	25.287	2.5651	1.2447	25.621	2.5424	2.6081
#2	2.5476	25.132	2.5551	1.2389	25.449	2.5320	2.5956

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1127	5.1085	5.0464	5.0677	23.276
SDev	.0015	.0075	.0215	.0384	.165
%RSD	.02887	.14624	.42597	.75757	.70770
#1	5.1117	5.1138	5.0312	5.0948	23.393
#2	5.1138	5.1032	5.0616	5.0405	23.160

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Method: ILMO53_ Sample Name: CCB Operator: BF
Run Time: 10/25/06 15:43:01
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00275	-.00310	.00325	.00627	.02254	.02532	.00150
SDev	.00222	.00636	.00360	.00574	.01445	.00058	.00111
%RSD	80.693	205.10	110.67	91.569	64.097	2.2794	74.151
#1	.00432	.00140	.00580	.00221	.03276	.02573	.00228
#2	.00118	-.00759	.00071	.01033	.01232	.02491	.00071

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00061	.07186	.00058	.00052	.00312	.05467
SDev	.00006	.00056	.00519	.00022	.00037	.00021	.00915
%RSD	23.356	91.829	7.2215	37.220	71.278	6.6415	16.727
#1	.00030	.00100	.07553	.00073	.00026	.00327	.04820
#2	.00022	.00021	.06819	.00043	.00078	.00298	.06114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	.03553	.00004	.00037	.00329	.00057	.00143
SDev	.00055	.00535	.00093	.00079	.00155	.00002	.00000
%RSD	68.398	15.045	2084.1	211.03	47.140	3.4922	.02383
#1	-.00042	.03175	.00070	-.00018	.00220	.00056	.00143
#2	-.00120	.03931	-.00061	.00093	.00439	.00059	.00143

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00264	.00356	-.00805	.01342	.02052
SDev	.00290	.00685	.00590	.00566	.01098
%RSD	109.79	192.49	73.290	42.210	53.511
#1	.00059	.00840	-.01222	.00941	.02829
#2	.00470	-.00128	-.00388	.01742	.01276

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Method: ILMO53_ Sample Name: X4805-03X4 Operator: BF
Run Time: 10/25/06 15:45:18
Comment: MH1PP4
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43419	-.00062	8.1103	.00008	.21077	2.4499	.25217
SDev	.00782	.00496	.1011	.00479	.00485	.0442	.00476
%RSD	1.8020	799.22	1.2461	6013.2	2.3033	1.8042	1.8891
#1	.43972	-.00413	8.1818	.00347	.20734	2.4812	.25554
#2	.42865	.00288	8.0389	-.00331	.21421	2.4187	.24880

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.22241	32.885	.06720	.05009	.44839	52.560
SDev	.00002	.00413	.554	.00118	.00003	.00777	.853
%RSD	5.1715	1.8587	1.6845	1.7499	.04984	1.7320	1.6231
#1	.00040	.22534	33.277	.06803	.05007	.45388	53.163
#2	.00037	.21949	32.493	.06636	.05011	.44290	51.956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.453	10.064	.03354	.03536	.38090	.01595	37.160
SDev	.238	.168	.00034	.00008	.00931	.00000	.499
%RSD	1.5387	1.6679	1.0093	.22669	2.4453	.02375	1.3423
#1	15.621	10.183	.03378	.03530	.38748	.01596	37.513
#2	15.285	9.9456	.03330	.03542	.37431	.01595	36.808

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	8.0652	8.1328	-.00958	.00490	.42598
SDev	.0950	.1041	.00373	.00904	.00235
%RSD	1.1775	1.2800	38.887	184.36	.55243
#1	8.1324	8.2065	-.01222	.01130	.42764
#2	7.9980	8.0592	-.00695	-.00149	.42431

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Method: ILMO53_ Sample Name: X4805-04X4 Operator: BF
Run Time: 10/25/06 15:49:38
Comment: MH1PP5
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52146	.01811	8.0766	.00342	.27930	4.2786	.12336
SDev	.02724	.01552	.2609	.00393	.00309	.2842	.00222
%RSD	5.2230	85.709	3.2306	114.95	1.1078	6.6432	1.8010
#1	.54072	.02909	8.2611	.00620	.28149	4.4795	.12179
#2	.50220	.00714	7.8921	.00064	.27711	4.0776	.12493

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.21723	23.418	.02143	.02014	.49256	64.322
SDev	.00007	.00722	.346	.00004	.00177	.02350	2.927
%RSD	17.250	3.3225	1.4791	.19012	8.7711	4.7718	4.5509
#1	.00044	.22234	23.663	.02141	.02138	.50918	66.392
#2	.00034	.21213	23.173	.02146	.01889	.47594	62.252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1680	9.3103	.01419	.04921	.41492	.01743	35.954
SDev	.6588	.3489	.00053	.00846	.02794	.00196	1.099
%RSD	30.388	3.7475	3.7108	17.191	6.7344	11.254	3.0577
#1	1.7022	9.5570	.01382	.05519	.43468	.01881	36.731
#2	2.6339	9.0636	.01456	.04323	.39517	.01604	35.177

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	8.0228	8.1035	-.01446	.01234	.59681
SDev	.2276	.2775	.02559	.01867	.04471
%RSD	2.8375	3.4250	176.95	151.21	7.4917
#1	8.1838	8.2997	-.03255	.02554	.62842
#2	7.8619	7.9072	.00363	-.00085	.56519

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Method: ILMO53_ Sample Name: X4805-09X4 Operator: BF
Run Time: 10/25/06 15:52:16
Comment: MH1PQ0
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42517	.01267	11.546	.02731	.46527	2.3423	.09771
SDev	.01512	.01907	.533	.00840	.01188	.1074	.00448
%RSD	3.5567	150.49	4.6198	30.768	2.5533	4.5855	4.5824
#1	.43587	-.00081	11.923	.02137	.47367	2.4183	.10088
#2	.41448	.02616	11.169	.03325	.45687	2.2664	.09455

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.22570	103.44	.02632	.02411	.73577	105.70
SDev	.00002	.00970	4.61	.00179	.00135	.03354	4.79
%RSD	5.4455	4.2980	4.4607	6.8097	5.5949	4.5581	4.5281
#1	.00037	.23256	106.70	.02759	.02506	.75948	109.08
#2	.00034	.21884	100.17	.02506	.02315	.71205	102.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.3157	32.018	.01613	.07346	.29473	.01248	33.101
SDev	.1888	1.444	.00069	.00416	.01320	.00085	1.326
%RSD	4.3747	4.5091	4.2907	5.6591	4.4770	6.8294	4.0071
#1	4.4492	33.039	.01662	.07640	.30406	.01308	34.039
#2	4.1822	30.997	.01564	.07052	.28540	.01188	32.163

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	11.345	11.647	.02167	.03013	.58572
SDev	.577	.512	.00570	.00975	.05726
%RSD	5.0845	4.3938	26.295	32.374	9.7763
#1	11.753	12.008	.01764	.02323	.62621
#2	10.937	11.285	.02570	.03703	.54523

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Method: ILMO53_ Sample Name: X4829-02X2 Operator: BF
Run Time: 10/25/06 15:54:34
Comment: MH1PR6
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18326	.02159	.69235	-.00571	.02819	.72473	.01837
SDev	.00514	.00854	.00137	.00557	.00175	.00216	.00005
%RSD	2.8053	39.544	.19769	97.478	6.2218	.29844	.24942
#1	.18690	.01555	.69331	-.00178	.02943	.72320	.01840
#2	.17962	.02762	.69138	-.00965	.02695	.72626	.01833

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.08660	165.83	.00300	.02827	.11212	20.602
SDev	.00001	.00009	.43	.00036	.00073	.00029	.057
%RSD	2.6707	.10641	.25633	12.057	2.5883	.25928	.27753
#1	.00046	.08667	166.13	.00326	.02879	.11233	20.643
#2	.00048	.08654	165.53	.00274	.02775	.11192	20.562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1326	26.740	.03755	.00395	19.674	.00347	26.511
SDev	.0033	.093	.00096	.00046	.051	.00052	.096
%RSD	.28704	.34786	2.5558	11.536	.26039	14.910	.36292
#1	1.1349	26.806	.03823	.00427	19.710	.00384	26.579
#2	1.1303	26.674	.03688	.00362	19.638	.00310	26.443

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.68968	.69368	-.03770	.01026	5.2138
SDev	.00432	.00011	.00548	.01109	.0227
%RSD	.62700	.01541	14.550	108.10	.43630
#1	.69273	.69360	-.04158	.01810	5.2298
#2	.68662	.69375	-.03382	.00242	5.1977

Analysis Report 10/25/06 03:58:26 PM page 1

Method: ILMO53_ Sample Name: X4830-01X2 Operator: BF
Run Time: 10/25/06 15:56:49
Comment: MH1PR2
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68684	-.00480	13.653	.05193	.35436	21.416	.62885
SDev	.00850	.00825	.261	.02017	.00520	.360	.00962
%RSD	1.2368	171.73	1.9146	38.835	1.4683	1.6832	1.5297
#1	.69284	.00103	13.838	.06619	.35068	21.670	.63565
#2	.68083	-.01063	13.468	.03767	.35804	21.161	.62205

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.16632	41.157	.06421	.06429	.73877	215.71
SDev	.00001	.00296	.650	.00091	.00029	.01078	2.96
%RSD	3.3363	1.7807	1.5802	1.4233	.44711	1.4594	1.3719
#1	.00042	.16842	41.617	.06486	.06450	.74639	217.80
#2	.00044	.16423	40.698	.06357	.06409	.73115	213.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5981	15.115	.04384	.09225	.91986	.14211	27.750
SDev	.0509	.225	.00063	.00068	.02018	.00294	.329
%RSD	1.4158	1.4901	1.4259	.73781	2.1939	2.0651	1.1868
#1	3.6341	15.274	.04428	.09274	.93413	.14419	27.983
#2	3.5620	14.956	.04340	.09177	.90559	.14004	27.518

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	13.493	13.733	.02535	.06520	3.4372
SDev	.371	.207	.02916	.01568	.1224
%RSD	2.7476	1.5061	115.03	24.042	3.5601
#1	13.755	13.879	.04597	.07628	3.5237
#2	13.231	13.587	.00473	.05411	3.3507

Analysis Report 10/25/06 04:24:34 PM

Method: ILMO53_ Sample Name: X4830-03A Operator: BF
Run Time: 10/25/06 16:21:26
Comment: MH1PR4A
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4755	.05742	84.730	.43053	1.6737	4.9788	.69443
SDev	.0339	.00415	.538	.02751	.0310	.0268	.00453
%RSD	.75737	7.2179	.63469	6.3907	1.8515	.53772	.65213
#1	4.4995	.06035	85.111	.44999	1.6956	4.9977	.69763
#2	4.4515	.05449	84.350	.41108	1.6518	4.9598	.69123

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.34475	171.44	.04529	.13258	2.1103	H1159.7
SDev	.00001	.00190	1.18	.00095	.00018	.0118	8.5
%RSD	.97500	.55135	.68949	2.0911	.13803	.56006	.73590
#1	.00082	.34609	172.28	.04596	.13271	2.1186	H1165.7
#2	.00081	.34341	170.61	.04462	.13246	2.1019	H1153.6

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9414	58.136	.13413	.36802	1.6001	.03552	42.061
SDev	.0689	.420	.00100	.00035	.0063	.00050	.290
%RSD	.69348	.72286	.74860	.09587	.39586	1.4079	.68930
#1	9.9901	58.433	.13484	.36827	1.6046	.03588	42.266
#2	9.8926	57.839	.13342	.36777	1.5956	.03517	41.856

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	85.006	84.593	.44260	.42451	1.5601
SDev	.446	.584	.06492	.00884	.0330
%RSD	.52483	.68980	14.668	2.0822	2.1162
#1	85.322	85.005	.48851	.43076	1.5834
#2	84.691	84.180	.39670	.41826	1.5368

Analysis Report 10/25/06 04:31:28 PM

Method: ILMO53_ Sample Name: X4830-08A Operator: BF
Run Time: 10/25/06 16:29:25
Comment: MH1PT7A
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00542	-.00754	.02036	.08737	.01760	.06814	.06484
SDev	.00187	.00283	.00237	.00530	.00840	.00536	.00019
%RSD	34.424	37.476	11.623	6.0600	47.732	7.8603	.29486
#1	.00410	-.00954	.02204	.09112	.02354	.06436	.06470
#2	.00674	-.00554	.01869	.08363	.01166	.07193	.06497

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00130	148.62	.01844	.00020	.00913	.34053
SDev	.00001	.00008	.70	.00014	.00000	.00022	.01224
%RSD	5.4700	6.0636	.46814	.76147	.25467	2.4045	3.5941
#1	.00024	.00125	148.13	.01834	.00020	.00898	.33188
#2	.00022	.00136	149.12	.01854	.00020	.00929	.34919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11864	37.288	.00773	.00112	61.687	.00079	.47247
SDev	.00051	.179	.00017	.00025	.204	.00026	.00209
%RSD	.43326	.48000	2.1680	21.979	.33116	32.763	.44210
#1	.11827	37.162	.00761	.00129	61.542	.00061	.47099
#2	.11900	37.415	.00785	.00095	61.831	.00098	.47394

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02122	.01994	.06423	.09893	3.4647
SDev	.00134	.00288	.00089	.00838	.0290
%RSD	6.3223	14.439	1.3805	8.4716	.83668
#1	.02217	.02197	.06360	.10485	3.4442
#2	.02027	.01790	.06485	.09300	3.4852

Analysis Report QC Standard 10/25/06 04:51:08 PM

Method: ILMO53_ Sample Name: CRI
Run Time: 10/25/06 16:46:44 Operator: BF
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00813	.02508	.00982	.04333	.05020	.18929	.20615
SDev	.00359	.00704	.00177	.00495	.00001	.01835	.01000
%RSD	44.093	28.076	18.023	11.424	.02741	9.6964	4.8514
#1	Q.00560	.02010	.00857	Q.04683	.05019	.17631	.19908
#2	.01067	.03005	.01107	.03983	.05021	.20227	.21322

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00507	.00484	4.8505	.00958	.05041	.02389	.08139
SDev	.00025	.00052	.2283	.00045	.00038	.00087	.00316
%RSD	5.0024	10.721	4.7076	4.7340	.75309	3.6364	3.8772
#1	.00489	.00448	4.6891	.00990	.05014	.02450	.07916
#2	.00525	.00521	5.0120	.00926	.05068	.02328	.08363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01560	4.7732	.04026	.01197	4.1512	.04952	.06169
SDev	.00030	.2133	.00181	.00532	.2890	.00104	.00445
%RSD	1.9295	4.4687	4.4988	44.474	6.9623	2.0922	7.2081
#1	.01539	4.6224	.03898	Q.01573	3.9469	.04879	.05854
#2	.01582	4.9241	.04154	.00820	4.3556	.05025	.06483

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01685	.00631	.05350	.03825	3.3035
SDev	.00597	.00564	.00266	.00609	.2910
%RSD	35.449	89.350	4.9695	15.931	8.8083
#1	.02107	.00232	.05538	.04256	3.0977
#2	.01263	.01029	.05162	.03394	3.5093

Analysis Report QC Standard 10/25/06 04:53:43 PM page 1

Method: ILMO53_ Sample Name: ICSA Operator: BF
Run Time: 10/25/06 16:52:06
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	-.01712	.00529	-.00336	-.00647	243.94	.00235
SDev	.00487	.00339	.00098	.00267	.00403	.69	.00012
%RSD	197.80	19.805	18.536	79.239	62.213	.28435	5.0871
#1	.00591	-.01951	.00598	-.00148	-.00363	243.45	.00243
#2	-.00098	-.01472	.00459	-.00525	-.00932	244.43	.00226

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00124	240.19	.03903	.00108	.00059	93.637
SDev	.00000	.00041	.35	.00013	.00039	.00020	.084
%RSD	.06430	32.676	.14373	.33686	36.297	34.370	.09017
#1	.00039	.00153	239.94	.03912	.00135	.00074	93.577
#2	.00039	.00095	240.43	.03893	.00080	.00045	93.696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01867	249.48	.01114	.00868	.87067	.00005	.03121
SDev	.00006	.46	.00020	.00046	.00317	.00032	.00081
%RSD	.32591	.18355	1.8191	5.2592	.36379	657.98	2.5886
#1	.01863	249.16	.01129	.00900	.86843	.00028	.03178
#2	.01872	249.81	.01100	.00835	.87291	-.00018	.03064

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01951	.01766	.00590	-.00799	.05016
SDev	.00115	.00089	.01773	.00485	.02499
%RSD	5.8914	5.0692	300.55	60.748	49.819
#1	-.01869	.01830	.01843	-.01142	.06783
#2	-.02032	.01703	-.00664	-.00456	.03249

Analysis Report QC Standard 10/25/06 04:57:36 PM

Method: ILMO53_ Sample Name: ICSAB
Run Time: 10/25/06 16:56:01 Operator: BF
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10009	.07952	.05536	.04518	.62645	242.52	.51204
SDev	.00346	.00734	.00028	.00784	.00925	1.01	.00192
%RSD	3.4611	9.2284	.51111	17.354	1.4769	.41609	.37570
#1	.10254	Q.07433	.05556	Q.03964	.63299	243.24	.51340
#2	.09764	.08471	.05516	.05072	.61991	241.81	.51068

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48261	.94596	239.61	.50486	.45921	.48892	93.683
SDev	.00196	.00463	.89	.00274	.00194	.00158	.311
%RSD	.40501	.48983	.37105	.54168	.42133	.32289	.33180
#1	.48399	.94924	240.24	.50679	.46058	.49003	93.903
#2	.48123	.94268	238.98	.50293	.45784	.48780	93.464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50714	247.83	.94861	.22693	.86955	.48568	.95863
SDev	.00145	.87	.00248	.00158	.00000	.00126	.00572
%RSD	.28517	.35074	.26119	.69644	.00000	.25993	.59670
#1	.50817	248.45	.95036	.22804	.86955	.48658	.96268
#2	.50612	247.22	.94685	.22581	.86955	.48479	.95459

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03276	.06664	.04230	.04662	.08036
SDev	.00321	.00203	.05274	.01457	.02741
%RSD	9.7991	3.0412	124.67	31.265	34.102
#1	.03049	.06807	.00501	.05692	.06099
#2	.03503	.06521	.07959	.03631	.09974

Analysis Report QC Standard 10/25/06 04:59:41 PM page 1

Method: ILMO53_ Sample Name: CCV
Run Time: 10/25/06 16:58:02 Operator: BF
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1056	5.0855	5.1347	5.1064	5.0649	10.051	10.369
SDev	.0283	.0884	.0102	.0232	.0130	.033	.033
%RSD	.55367	1.7390	.19854	.45420	.25627	.32413	.31458
#1	5.0856	5.0230	5.1419	5.1228	5.0557	10.028	10.346
#2	5.1256	5.1481	5.1275	5.0900	5.0741	10.074	10.392

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25552	2.5848	25.788	1.0176	2.5485	1.2687	5.0968
SDev	.00087	.0097	.049	.0023	.0109	.0027	.0008
%RSD	.34002	.37342	.18824	.22372	.42612	.21295	.01576
#1	.25491	2.5780	25.754	1.0160	2.5408	1.2667	5.0973
#2	.25614	2.5917	25.823	1.0192	2.5561	1.2706	5.0962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5691	25.306	2.5698	1.2507	25.615	2.5410	2.5961
SDev	.0077	.072	.0092	.0062	.064	.0089	.0084
%RSD	.30044	.28292	.35776	.49639	.25040	.35074	.32291
#1	2.5636	25.256	2.5633	1.2463	25.570	2.5347	2.5901
#2	2.5746	25.357	2.5763	1.2551	25.660	2.5473	2.6020

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1359	5.1341	5.0777	5.1207	23.392
SDev	.0009	.0158	.0279	.0208	.080
%RSD	.01844	.30689	.54984	.40685	.34113
#1	5.1352	5.1452	5.0975	5.1354	23.336
#2	5.1366	5.1229	5.0580	5.1059	23.449

Analysis Report QC Standard 10/25/06 05:01:41 PM

Method: ILMO53_ Sample Name: CCB
Run Time: 10/25/06 17:00:02 Operator: BF
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	.00036	.00083	.02300	.00077	.02075	.00064
SDev	.00344	.01259	.00116	.00053	.00365	.00230	.00024
%RSD	260.86	3531.4	139.17	2.3023	472.14	11.070	37.216
#1	-.00111	.00926	.00165	.02337	.00336	.02237	.00081
#2	.00375	-.00855	.00001	.02263	-.00181	.01912	.00047

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00014	.02638	-.00000	-.00028	.00231	.01830
SDev	.00003	.00046	.00180	.00031	.00000	.00080	.00091
%RSD	38.695	328.44	6.8155	77544.	.10683	34.524	4.9809
#1	.00011	.00046	.02765	.00022	-.00028	.00287	.01766
#2	.00006	-.00019	.02511	-.00022	-.00028	.00175	.01895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5889	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.02558	-.00005	-.00003	.00224	-.00008	.00111
SDev	.00014	.00037	.00037	.00095	.00396	.00033	.00026
%RSD	56.078	1.4580	771.78	2803.8	176.78	425.55	23.615
#1	.00035	.02584	.00021	.00064	.00504	.00015	.00093
#2	.00015	.02531	-.00031	-.00071	-.00056	-.00031	.00130

Elem	220351	220352	196021	196022	K_7664
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.00035	.01691	.02604	-.01311
SDev	.00117	.00115	.00044	.00102	.03869
%RSD	64.994	329.30	2.6209	3.8985	295.14
#1	.00263	.00117	.01660	.02676	.01425
#2	.00097	-.00047	.01722	.02532	-.04047

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

ICP-3 ANALYSIS RUN LOG

METHOD: ILMO5.3

PROJECT No: X4805

X4829 X4830 — 10/25/06 BF

RUN ID: P31025B DATE: 10 / 25 / 06 ANALYST: B. Ford SUPERVISOR REVIEW

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COMMENT
STD-S0	14:20	M18510	2	10/18/06		
STD-S	14:23	M18031	128	10/10/06		
ICV	14:29	M18549	16	10/25/06		
ICB	15:17	M18510	2	10/18/06		
CRI	15:21	M18554	18	10/25/06		
ICSA	15:30	M18552	17	10/25/06		
ICSAB	15:39	M18553	17	10/25/06		
CCV	15:41	M18550	16	10/25/06		
CCB	15:43	M18510	2	10/18/06		

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
X4805-03		15:45	4	Zn
-04		15:49	4	Zn
-09		15:52	4	Zn
X4829-02		15:54	2	Zn
X4830-01		15:56	2	Zn
-03A		16:21		Ti = 50 PPB
-08A		16:29		Se = 70 PPB
CRI		16:46		
ICSA		16:52		
ICSAB		16:56		
CCV		16:58		
CCB		17:00		

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092

ICAP-3 LOGBOOK

DATE	RUN ID	PROJECT #:	ANALYST	COMMENT
10/19/06	P310196	X4799R, X4810R, X4687R X4811R	[illegible]	—
—	—	X4877R, X4878R, X4879R	[illegible]	—
10/20/06	P310206	X4862R, X4864R	[illegible]	—
10/23/06	~~P3~~ P310236	X4805 X4829 X4830 X4831	[illegible]	—
10/24/06	P310246	X5028 X5029 X5030 X5031	[illegible]	—
—	—	X4879	[illegible]	—
10/25/06	P310256	X4900 X4879 X4880	[illegible]	—
10/25/06	P310258	X4805 X4829 X4830	[illegible]	—

10/25/06 BF

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
KMnO4	MI8548	10/24/06	04/24/07	[signature]
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
KMnO4 MR965	100 g			2000 mL
			10/24/06 AS	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICV	MI8549	10/25/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1172	2.5mL	MI8510 used to make final volume.		25 mL
			10/25/06 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CCV	MI 8550	10/25/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1087	1mL	MI8510 used to make final volume		200 mL
MM1088	1mL			
MM1089	1mL			
MM1239	1mL		10/25/06 BF	

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CRI	MI8551	10/25/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
(AB,Pb) MI7377	1mL	MI8510 used to make final volume.		100 mL
			10/25/06 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSA	MI8552	10/25/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM0941	5mL	MI8510 used to make final volume.		50 mL
			10/25/06 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSAB	MI8553	10/25/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM0941	5mL	MI8510 used to make final volume.		50 mL
MM0944	5mL			
			10/25/06 BF	

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CRI	MI 8554	10/25/06	NA	B. Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MI 7363	1mL	MI 8510 used to make final volume.		100 mL
			10/25/06 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
				mL

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
				mL

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSAB	MI8508	10/18/06	NA	SJ
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM0941	10mL	MI8494 used to make the final volume.		100 mL
MM0944	10mL			
				10/18/06

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CCV	MI8509	10/18/06	NA	SJ
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1087	1mL	MI8494 used to make the final volume.		200 mL
MM1088	1mL			
MM1089	1mL			
MM1239	1mL			

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CAL. BLANK	MI8510	10/18/06	10/30/06	SJ
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
DI WATER +		C. HNO3 (MR1090)	20mL	2000mL
—	—	C. HCL (MR1043)	100mL	
				10/18/06

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CAL. BLANK	MI8030	10/9/06	10/30/06 ~~[illegible]~~ 10/09/06	SJASWAL
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
DI WATER	+	C·HNO3 (MR1087)	20mL.	2000 mL
—	—	C·HCL (MR1044)	100mL.	
				10/09/06

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
STD. 5	MI8031	10/10/06	12/10/06	SJASWAL
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1087	5mL.	C·HNO3 (MR1087)	5mL.	500 mL
MM1088	5mL.	C·HCL (MR1044)	25mL.	
MM1089	5mL.	—	—	
MM1239	5mL.	—	—	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICV	MI8032	10/10/06	NA	SJASWAL
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1172	2.5mL.	MI8030 used to make the final volume.		25 mL
—	—			
				10/10/06

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICV	MI7362	06/05/06	NA	SJ
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM0987	2.5mL	MI7344 used to make the final volume		25 mL
				SJ 6/5/06

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CRI (CONC.)	MI7363	06/05/06	12/5/06 ~~NA~~ SJ 6/5/06	S JASWAL
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1144, MM1008, MM1148 MM1009, MM1141 MM1085, MM1151	1 ML. EACH 1 ML. EACH 6 ML. EACH	C. HNO3 (MR940)	10 mL.	1000 mL
MM1142, MM1150 MM1147 MM1135	5 ML. EACH 4 ml. 3.5 ML.	C. HCL (MR945)	50 ML.	
MM1143, MM1134 MM1136, MM1137 MM1145	2.5 ML. EACH 2 ML. EACH 1.5 ML.			
MM1138, MM1139 MM1140 MM1146, MM1149, MM1152	0.5 ML. EACH 50 ML. 50 ML. EACH			

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSA	MI7364	06/05/06	NA	SJ
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM0884	5mL.	MI7344 used to make the final volume		50 mL
				SJ 6/5/06

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ICP-3 ANALYSIS RUN LOG

METHOD: ILMO5.3 PROJECT No: X4805

X4829. X4830 X4831 10/23/06 BL

RUN ID: PB10236 DATE: 10 / 23 / 06 ANALYST: B. Ford SUPERVISOR REVIEW

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COMMENT
STD-S0	9:46	MI 8510	2	10/18/06		
STD-S	9:49	MI 8031	128	10/10/06		
ICV	10:03	MI 8525	8	10/23/06		
ICB	10:07	MI 8510	2	10/18/06		
CRI	10:20	MI 8527	8	10/23/06		
ICSA	10:49	MI 8523	9	10/23/06		
ICSAB	10:52	MI 8524	9	10/23/06		
CCV	10:54	MI 8526	8	10/23/06		
CCB	10:56	MI 8510	2	10/18/06		

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB22263BL	PBS	10:59		
PB22263BS	LCSS	11:02		
X4805-01		11:08		
-02		11:11		
-03		11:13		Zn high
-04		11:16		Zn high
-05		11:19		
-06		11:21		
-07		11:24		
-08		~~11:26~~ 11:32		
CCV	10/23/06 BL	~~11:28~~ 11:34		
CCB		11:36		
X4805-09		11:39		Zn high
-10		11:42		
-11		11:44		

ICP-3 ANALYSIS RUN LOG

METHOD: ILM05.3

PROJECT No:

RUN ID: P310236 DATE: 10 / 23 / 06 ANALYST: B. Ford

10/23/07

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
X4805-12		11:47		
-13		11:49		
-14		11:52		
-15		11:54		
CRI		11:57		
ICSA		12:02		
ICSAB		12:12		
CCV		12:14		
CCB		12:16		
X4805-16		12:18		
-17		12:22		
-18D		12:24		
-19S		12:26		
-17L		12:29	5	
-03		12:38	2	2n
-04		12:40	2	2n
-09		12:42	2	2n
-20		12:45		
-21		12:50		
CCV		12:52		
CCB		12:54		
X4805-22		12:56		
PB222208BL	PBW	12:59		
PB222208BS	LCSW	13:06		

ICP-3 ANALYSIS RUN LOG

METHOD: ILM05.3

PROJECT No:

RUN ID: P310236 DATE: 10 / 23 / 06 ANALYST: B.Ford

10/23/06

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
X4829-01		13:10		
-02		13:12		
-03		13:14		
-04		13:16		
CRI		13:21		
ICSA		13:28		
ICSAB		13:31		
CCV		13:33		
CCB		13:35		
X4829-05		13:41		
-06		13:43		
-07		13:45		
-08		13:47		
-09		14:00		
-10		14:02		
-11		14:04		
-12		14:06		
-13		14:08		
-14		14:11		
CCV		14:13		
CCB		14:15		
X4829-15		14:17		
-16		14:19		
-17		14:21		

ICP-3 ANALYSIS RUN LOG

METHOD: ILM05.3

PROJECT No:

RUN ID: P310236 DATE: 10 / 23 / 06 ANALYST: B.Ford

10/23/06

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
X4829-18D		14:23		
~~22222E-19S~~		14:25		
-17L		14:27	5	
-19S		14:33		
CRI		14:38		
ICSA		14:45		
ICSAB		14:48		
CCV		14:50		
CCB		14:52		
X4829-20		15:07		
-21		15:09		
-22		15:11		
PB222655L	PBS	15:13		
PB222655S	LCSS	15:15		
X4830-01		15:18		
-02		15:20		
-03		15:22		Fe high
-04D		15:24		Fe high
-05S		15:27		
CCV		15:29		
CCB		15:31		
X4830-03L		15:36	5	
-03 ~~04~~		15:47	5	Fe high
-04D		15:49	5	Fe high

ICP-3 ANALYSIS RUN LOG

METHOD: ILM05.3

PROJECT No:

RUN ID: P310236 DATE: 10 / 23 / 06 ANALYST: B.Ford

SD 10/23/06

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
XH830-05S		15:52	5	Fe high
-03L		15:54	25	
-03A		10/23/06 BF ~~15:58~~ 16:03		Ti
PB222668L	PBW	16:06		
CRI		16:19		
ICSA		16:27		
ICSAB		16:32		
CCV		16:34		
CCB		16:36		
PB222668S	LCSW	16:48		
XH830-06		10/23/06 BF ~~16:50~~ 16:51		
-07		16:56		
-08		16:58		
-09D		17:00		
-10S		17:02		
-08L		17:04	5	
-11		17:07		
-12		17:09		
-13		17:11		
CCV		17:13		
CCB		17:15		
XH830-14D		17:17		
-15S		17:19		
-13L		17:22	5	

Mountainside, NJ 07092

ICP-3 ANALYSIS RUN LOG

METHOD: ILM05.3

PROJECT No:

10/23/06 BF

RUN ID: P310236 DATE: 10 / 23 / 06 ANALYST: B. Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
X4830-08A		17:35		Ti
PB22207 BL	PBW	17:37		
PB22207BS	LCSW	17:40		
X4831-01		17:43		
CRI		17:56		
ICSA		18:02		
ICSAB		18:06		
CCV		18:08		
CCB		18:10		
X4831-02		18:12		
-03		18:14		
-04		18:16		
-05		18:18		
-06		18:20		
-07		18:22		
-08		18:24		
-09		18:26		
-10		18:28		
-11		18:30		
CCV		18:32		
CCB		18:34		
X4831-12		18:36		
-13		18:38		
-14		18:40		

ICP-3 ANALYSIS RUN LOG

METHOD: ILM05.3

PROJECT No: _____

10/23/06 BF

RUN ID: P310236 DATE: 10/23/06 ANALYST: B.Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
X4831-15		10/23/06 BF ~~18:43~~ 19:10		~~Please correct lab~~ I.D
-16		19:12		
-17		19:14		
-18D		19:16		
CRI		19:18		
ICSA		19:26		
ICSAB		19:30		
CCV		19:32		
CCB		19:34		
X4831-19S		19:37		
-17L		19:39	5	
-20		19:41		
-21		19:43		
-22		19:45		
CRI		20:03		
ICSA		20:19		
ICSAB		20:23		
CCV		20:25		
CCB		20:27		

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Rev 1/2003

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICV	MI8525	10/23/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1172	2.5mL	MI 8510 used to make final volume.		25 mL
			10/23/06 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CCV	MI 8526	10/23/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1087	1mL	MI 8510 used to make final volume.		200 mL
MM1089	1mL			
MM1088	1mL			
MM1239	1mL		10/23/06 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CRI	MI8527	10/23/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MI7363	2mL	MI 8510 used to make final volume.		200 mL
			10/23/06 BF	

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSA	MI8528	10/23/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM0941	5mL	MI8510 used to make final volume.		50 mL
~~MM0944~~				
			10/23/06 BG	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSAB	MI8529	10/23/06	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM0941	5mL	MI8510 used to make final volume.		50 mL
MM0944	5mL	—	—	
			10/23/06 BG	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
				mL
			10/23/06 BG	

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
KMnO4	MI7333	5/31/06	11-30-06	[illegible]
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MR589 KMnO4	100g.			2000 mL
			5-31-06 RY	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
SPIKE SOL. 5 (AS, PB ONLY)	MI7334	05/31/06	11/30/06	SJAswal
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1008	5ML.	C.HNO3 (MR939)	5ML.	
MM1009	35ML.	C.HCL (MR942)	25ML.	500 mL
				SJ 5/31/06

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
SPIKE SOL. 6	MI7335	05/31/06	11/~~30~~ 09/06	SJAswal
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1004	50ML.	C.HNO3 (MR939)	5ML.	
MM1005	50ML.	C.HCL (MR942)	25ML.	500 mL
MM1135	2ML.	—	—	
—	—	—	—	

SJ 5/31/06

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certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

R:3/18/06 mm1087

2.0 **DESCRIPTION OF CRM**

Environmental: Stock Solution

Part No. / Catalog No.: CLPP-CAL-1

Lot Number: Y-MEB194008

Matrix: 5% HNO3(abs)

5,000.00 µg/mL each:
Ca, K, Mg, Na,

2,000.00 µg/mL each:
Al, Ba,

1,000.00 µg/mL each:
Fe,

500.00 µg/mL each:
Co, Mn, Ni, V, Zn,

250.00 µg/mL each:
Ag, Cu,

200.00 µg/mL each:
Cr3,

50.00 µg/mL each:
Be

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	2,001 ± 4 µg/mL	Barium, Ba	2,000 ± 3 µg/mL	Beryllium, Be	49.97 ± 0.07 µg/mL
Calcium, Ca	4,999 ± 9 µg/mL	Chromium+3, Cr3	200.3 ± 0.6 µg/mL	Cobalt, Co	500.0 ± 1.1 µg/mL
Copper, Cu	249.9 ± 0.6 µg/mL	Iron, Fe	1,000 ± 6 µg/mL	Magnesium, Mg	5,001 ± 12 µg/mL
Manganese, Mn	500.4 ± 1.0 µg/mL	Nickel, Ni	499.7 ± 1.1 µg/mL	Potassium, K	5,001 ± 8 µg/mL
Silver, Ag	249.9 ± 0.6 µg/mL	Sodium, Na	4,999 ± 3 µg/mL	Vanadium, V	499.9 ± 1.2 µg/mL
Zinc, Zn	500.0 ± 1.0 µg/mL				

Certified Density: 1.128 g/mL (measured at 22° C)

INORGANIC VENTURES™
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CERTIFICATE OF ANALYSIS

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info@inorganicventures.com

K:318/03 mm1088

1.0 **INORGANIC VENTURES** is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufacturer (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statistical Principals."

2.0 DESCRIPTION OF CRM

1000 µg/mL Antimony in 0.7% (abs) HNO3 / 3% Tartaric Acid

Catalog Number:	CGSB1-1, CGSB1-2 and CGSB1-5
Lot Number:	**Y-SB02091**
Starting Material:	Sb shot
Starting Material Purity (%):	99.992045
Starting Material Lot No:	D29N32
Matrix:	0.7% (abs) HNO3 / 3% Tartaric Acid

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 998 ± 3 µg/mL

Certified Density: 1.020 g/mL (measured at 22° C)

The Certified Value is the instrument analysis value. The following equations are used in the calculation of the certified value and the uncertainty:

Certified Value $(\bar{x}) = \frac{\Sigma x1}{n}$

$(\bar{x})$ = mean
x1 = individual results
n = number of measurements

Uncertainty $(\pm) = \frac{2[(\Sigma s1)2]^{1/2}}{(n)^{1/2}}$

$\Sigma s1$ = The summation of all significant estimated errors (Most common are the errors from instrumental measurement weighting, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This IV product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1	Assay Method #1	**998 ± 3 µg/mL**	**(Avg 2 Runs)**
		ICP Assay NIST SRM 3102a	Lot Number: 990707
	Assay Method #2	**1001 ± 5 µg/mL**	
		Gravimetric NIST SRM	Lot Number: See Sec. 4.2

INORGANIC VENTURES
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CERTIFICATE OF ANALYSIS

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K:318/06 mm1089

1.0 **INORGANIC VENTURES** is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufacturer (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statistical Principals."

2.0 **DESCRIPTION OF CRM** Stock Solution

Catalog No.: CLPP-CAL-3

Lot Number: **Y-MEB194012**

Matrix: 5% HNO3(abs)

1,000.00 µg/mL each:
As, Pb, Se, Tl,
500.00 µg/mL each:
Cd

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Arsenic, As	1,002 ± 3 µg/mL	Cadmium, Cd	501.8 ± 2.1 µg/mL	Lead, Pb	1,001 ± 2 µg/mL
Selenium, Se	1,001 ± 2 µg/mL	Thallium, Tl	1,001 ± 3 µg/mL		

Certified Density: 1.044 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

Certified Value $(\bar{x}) = \frac{\sum x1}{n}$

Uncertainty $(\pm) = \frac{2[(\sum s1)2]^{1/2}}{(n)^{1/2}}$

$(\bar{x})$ = mean
x1 = individual results
n = number of measurements
$\sum s1$ = The summation of all significant estimated errors
(Most common are the errors from instrumental measurement weighting, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This IV product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	010713	As	Gravimetric		See Sec. 4.2
Cd	EDTA	928	880710	Cd	ICP Assay	3108	890312
Pb	ICP Assay	3128	991504	Pb	EDTA	928	392110
Se	Gravimetric		See Sec. 4.2	Se	ICP Assay	3149	992106
Tl	ICP Assay	3158	993012	Tl	Gravimetric		See Sec. 4.

INORGANIC VENTURES™
195 Lehigh Avenue, Suite 4
Lakewood, New Jersey 08701 · USA
inorganicventures.com

CERTIFICATE OF ANALYSIS

R: 8/30/06

tel: 800.669.6799 · 732.901.1900
fax: 732.901.1903
info@inorganicventures.com

mm1239

1.0 **INORGANIC VENTURES** is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufacturer (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statistical Principals."

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: CHEM-CLP-4

Lot Number: **Z-MEB217148**

Matrix: 0.17% HF(abs), 2% HNO3(abs)

1,000.00 µg/mL each:
B, Mo, Si, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Boron, B	1,001 ± 4 µg/mL	Molybdenum, Mo	999 ± 2 µg/mL	Silicon, Si	997 ± 7 µg/mL
Tin, Sn	999 ± 3 µg/mL	Titanium, Ti	1,001 ± 4 µg/mL		

Certified Density: 1.027 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

$$\text{Certified Value } (\bar{x}) = \frac{\Sigma x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

inorganic ventures / iv labs

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phone: 800-669-6799 • 732-901-1900 • fax: 732-901-1903
e-mail: ivsales@ivstandards.com • website: www.ivstandards.com

R:12/12/05

certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

MM1004

2.0 **DESCRIPTION OF CRM** Stock Solution

Catalog No.: CLPP-SPK-1

Lot Number: **Y-MEB194026**

Matrix: 5% HNO3(abs)

2,000.00 µg/mL each:
Al, Ba,

1,000.00 µg/mL each:
Fe,

500.00 µg/mL each:
Co, Mn, Ni, V, Zn,

250.00 µg/mL each:
Cu,

200.00 µg/mL each:
Cr3,

50.00 µg/mL each:
Ag, Be

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	1,999 ± 4 µg/mL	Barium, Ba	2,001 ± 3 µg/mL	Beryllium, Be	49.94 ± 0.07 µg/mL
Chromium+3, Cr3	199.9 ± 0.6 µg/mL	Cobalt, Co	498.9 ± 1.1 µg/mL	Copper, Cu	249.7 ± 0.6 µg/mL
Iron, Fe	1,000 ± 2 µg/mL	Manganese, Mn	499.5 ± 1.0 µg/mL	Nickel, Ni	499.5 ± 1.0 µg/mL
Silver, Ag	49.94 ± 0.11 µg/mL	Vanadium, V	500.0 ± 1.2 µg/mL	Zinc, Zn	499.2 ± 1.0 µg/mL

Certified Density: 1.071 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

Certified Value $(\bar{x}) = \frac{\Sigma x1}{n}$

$(\bar{x})$ = mean
x1 = individual results
n = number of measurements

Uncertainty $(\pm) = \frac{2[(\Sigma s1)2]1/2}{(n)1/2}$

$\Sigma s1$ = The summation of all significant estimated errors
(Most common are the errors from instrumental measurement weighting, dilution to volume, and the fixed error reported on the NIST

inorganic ventures / iv labs

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R: 12/12/05

certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

2.0 **DESCRIPTION OF CRM** MM1005

Environmental: Stock Solution
Part No. / Catalog No.: CLPP-SPK-4
Lot Number: **X-MEB156115**
Matrix: 2% HNO3(abs)

100.00 µg/mL each:
Sb,
50.00 µg/mL each:
Cd, Tl,
40.00 µg/mL each:
As,
20.00 µg/mL each:
Pb,
10.00 µg/mL each:
Se

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	100.3 ± 0.3 µg/mL	Arsenic, As	40.09 ± 0.15 µg/mL	Cadmium, Cd	49.91 ± 0.22 µg/mL
Lead, Pb	19.97 ± 0.06 µg/mL	Selenium, Se	10.04 ± 0.05 µg/mL	Thallium, Tl	49.87 ± 0.10 µg/mL

Certified Density: 1.013 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements

Uncertainty $(\pm) = 2[(\sum s_i)^2]^{1/2} / (n)^{1/2}$

$\sum s_i$ = The summation of all significant estimated errors.
(Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This IV product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors.

P.O. Box 41727
Charleston, SC 29423
TEL: (843) 767-7900
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HIGH-PURITY STANDARDS

CAT.NO. 100049-1

R: 5/11/06 mm 1135

Certificate of Analysis

Selenium

Lot # 608903

Source	Source Purity	Matrix	Density g/mL @ 24.1°C	Standard Concentration
Selenium Metal	99.999%	HNO_3, 2%	1.014	1000 ± 3 µg/mL

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The Selenium solution was analyzed by ICP-MS for trace impurities. The less than values are detection limits for the method. M = Major element.

Concentrations as µg/L (ppb)

Li	<0.02	Be	<0.02	B	<1.0	Na	<1.0	Mg	<0.02	Al	<0.5	Si	<1.0	K	<1.0
Ca	<1.0	Sc	<0.02	Ti	<0.02	V	<0.02	Cr	<0.02	Mn	0.05	Fe	<1.0	Co	<0.02
Ni	<0.02	Cu	<0.02	Zn	<0.02	Ga	<0.02	Ge	<0.02	As	1.0	Se	M	Rb	<0.02
Sr	<0.02	Y	<0.02	Zr	<0.02	Nb	0.05	Mo	<0.02	Ru	<0.02	Rh	<0.02	Pd	<0.02
Ag	<0.02	Cd	<0.02	In	<0.02	Sn	0.1	Sb	<0.5	Te	<0.02	Cs	<0.02	Ba	<0.02
La	<0.02	Ce	<0.02	Pr	<0.02	Nd	<0.02	Sm	<0.02	Eu	<0.02	Gd	<0.02	Tb	<0.02
Dy	<0.02	Ho	<0.02	Er	<0.02	Tm	<0.02	Yb	<0.02	Lu	<0.02	Hf	<0.02	Ta	<0.02
W	<0.02	Re	<0.02	Os	<0.02	Ir	<0.02	Pt	<0.02	Au	<0.02	Hg	<0.02	Tl	<0.02
Pb	0.2	Bi	<0.02	Th	<0.02	U	<0.02								

The standard concentration has been verified by ICP-OES against an independent source which is traceable to National Institute of Standards and Technology, Standard Reference Material No. 3149.

This standard is valid for eighteen months from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C Rains

Exp. Date NOV 0 9 2007

MSDS ATTACHED

Theodore C. Rains, Ph.D.
President

QATS INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET PART A (0503) WITH PART B (0203) FOR ICP-AES

R:8/5/05

August 13, 2003

The interference check sample set is to be used to verify inter-element and background correction factors of inductively-coupled plasma spectrometers. This reference material consists of two concentrated solutions. The Part A (0503) solution contains the four interferent elements: Al, Ca, Fe and Mg. The Part B (0203) solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. Store the solutions at room temperature and do not freeze. To insure the stability of silver, which is contained in the Part B solution, the solution-set should be stored in the dark.

The "Certified Value" concentrations of the elements are listed in Table 1. The values are certified in that all results used in calculating the certified values were derived from statistically pooled results from the following sources: ILM05.2 Pre-award, Quarterly Blind, CLP laboratory referee, and QATS analysis. Preparation and analysis must be performed according to the following instructions:

Part A (0503), Inferferents: Pipet 10 mL of the Part A solution into a 100-mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this solution, Soln. A, by ICP-AES.

Part B (0203), Analytes, mixed with Part A (0503), Interferents: Pipet 10 mL of the Part A solution and 10 mL of the Part B solution into a 100-mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this solution, Soln. AB, by ICP-AES.

NOTE: THIS ICS SET FOR USE WITH ILM05.2 AND REVISIONS ONLY, NOT ILM04.x.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES PART A (0503) AND PART A (0503) MIXED WITH PART B (0203)

Element	Part A	Concentration (ug/L)	Part A + B
Al	243900		248400
Sb	(0)		585
As	(0)		97
Ba	(2)		475
Be	(0)		482
Cd	(0)		916
Ca	234100		234300
Cr	36		506
Co	(3)		455
Cu	(15)		537
Fe	94900		95100
Pb	(5)		51
Mg	248800		254100
Mn	19		483
Ni	(10)		930
Se	(0)		51
Ag	(0)		210
Tl	(0)		96
V	(1)		481
Zn	(39)		975

MM0434 ↓ MM0943

MM0944 ↓ MM0953

( ) INDICATES ANALYTE VALUES THAT ARE LESS THAN THE CRQL AND THE VALUE IS TO BE USED AS A SET POINT FOR THE +/- 2 TIMES CRQL ACCEPTANCE CRITERIA CALCULATIONS.

QATS INORGANIC REFERENCE MATERIAL
SOLID LABORATORY CONTROL SAMPLE
LCSS (0405)

R: 8/11/06 SJanwal

TABLE 1. "CERTIFIED VALUE" CONCENTRATIONS AND CONTROL LIMITS FOR THE ELEMENTS IN THE SOLID LABORATORY CONTROL SAMPLE, LCSS (0405)

Element	"Certified Value" (mg/Kg)	Control Limits (mg/Kg)	
		Low Limit	High Limit
Al	115	54.7	175
Sb	66.0	27.6	104
As	253	154	352
Ba*	[1.6]	1.0	2.2
Be	4.9	3.0	6.8
Cd	10.9	7.7	14.0
Ca	44200	30300	58200
Cr	27.1	18.5	35.7
Co	37.4	24.2	50.6
Cu	1770	1320	2230
Fe	6470	4280	8660
Pb	56.9	41.4	72.4
Mg	29200	20500	37900
Mn	61.0	41.6	80.5
Hg	3.59	1.86	5.32
Ni	16.3	9.0	23.7
K*	[39.7]	0	85.3
Se	10.0	4.1	15.9
Ag	5.9	2.7	9.1
Na*	[72.5]	0	216
Tl	9.5	2.9	16.1
V	17.6	11.6	23.7
Zn	47.5	20.5	74.4

[ ] Denotes values which are greater than or equal to the method detection limit (MDL), but less than the Contract Required Quantitation Limit (CRQL).
* Barium, potassium, and sodium are present at concentrations below ILM05.x CRQLs.
Acceptance limits are advisory only.

MM1199 → MM1203

R: 8/11/06

QATS INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICVs)

MM1169 $\xrightarrow{\text{To}}$ MM1178

ICV-1 (1200)		
Element	Concentration (µg/L) (after 10-fold dilution)	Concentration (µg/L) (after 50-fold dilution)
Al	2482	496
Sb	992	198
As	996	199
Ba	502	100
Be	493	99
Cd	494	99
Ca	10180	2036
Cr	490	98
Co	496	99
Cu	490	98
Fe	5107	1021
Pb	996	199
Mg	6003	1201
Mn	495	99
Ni	492	98
K	10008	2002
Se	1005	201
Ag	495	99
Na	10039	2008
Tl	1027	205
V	501	100
Zn	1000	200

ICV-2 (060b)	
Element	Concentration (µg/L) (after 20-fold dilution)
As	52.6
Se	50.8

ICV-3 (0500)	
Element	Concentration (µg/L) (after 10-fold dilution)
Sb	999

ILM05.3

Prep Code HW1

CHEMTECH Water Sample Preparation Sheet

SDG No

Batch #: PB22266

Matrix: Water

X4830

ICP Digest Date: 10/13/06

Method: ILM05.3

Sample Received By: D. [illegible]

Initial Vol: 50 ml

Final Vol: 50 ml

Analyst Signature: [illegible]

Hot Plate Temp: 1, 2, 3,

Supervisor Signature: D. [illegible]

95°C

STANDARD NAME	MLS USED	STD REF. # FROM LOG
Spike Sol 4	50mL	MI7792
Spike Sol 6	0.5mL	MI7335
		10/13/06 RY

10/13/06 NP

CHEMICAL USED	LOT #
1:1 HCL	MI7969
1:1 HNO3	MI7942
	10/13/06 RY

CHEMTECH

Water Sample Preparation Worksheet

Batch #: PB22266

LAB SAMPLE ID	CLIENT SAMPLE ID	COLOR BEFORE	COLOR AFTER	CLARITY BEFORE	CLARITY AFTER	pH	COMMENTS
PB22266BL	PBW	Colorless	Colorless	Clear	Clear	<2	10/13/06 RY
PB22266BS	LCSW	Colorless	Colorless	Clear	Clear	<2	Spike Sol 4
X4830-06	MH1PT5	Colorless	Colorless	Clear	Clear	<2	
X4830-07	MH1PT6	Colorless	Colorless	Clear	Clear	<2	
X4830-08	MH1PT7	Colorless	Colorless	Clear	Clear	<2	
X4830-09	MH1PT7D	Colorless	Colorless	Clear	Clear	<2	10/13/06 RY
X4830-10	MH1PT7S	Colorless	Colorless	Clear	Clear	<2	Spike Sol 6
X4830-11	MH1W55	Colorless	Colorless	Clear	Clear	<2	
X4830-12	MH1W56	Colorless	Colorless	Clear	Clear	<2	
X4830-13	MH1W57	Colorless	Colorless	Clear	Clear	<2	
X4830-14	MH1W57D	Colorless	Colorless	Clear	Clear	<2	10/13/06 RY
X4830-15	MH1W57S	Colorless	Colorless	Clear	Clear	<2	Spike Sol 6

Back To Main

* 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

ILM05.3

Prep Code HW1

CHEMTECH Water Sample Preparation Worksheet

SDG No _____

Batch #: PB22266

Matrix: Water

X 4930

ICP Digest Date: 10/13/06

Method: ILM05.3

Sample Received By: D. Rossi

Initial Vol: 50 ml

Final Vol: 50 ml

Analyst Signature: Renu Yadav

Supervisor Signature: D. Rossi

Hot Plate Temp: 1 2, 3,

95°C

STANDARD NAME	MLS USED	STD REF. # FROM LOG
Spike Sol 1		
Spike Sol 2		
Spike Sol 3		
Spike Sol 4	50 ml	MI7792
Spike Sol 6	10/13/06 ~~[illegible]~~ 0.5 ml	MI7335

10/13/06 NP

CHEMICAL USED	LOT #
CONC: HNO3	10/13/06 RY
1:1 HCL	MI 7969
1:1 HNO3	MI 7942
CONC: HCL	
	10/13/06 RY

Date/Time	Received By	Relinquished By	Location
10/13/06 1450	D. Rossi	Renu Yadav	ICP Lab

CHEMTECH

Water Sample Preparation Worksheet

Batch #: PB22266

LAB SAMPLE ID	CLIENT SAMPLE ID	COLOR BEFORE	COLOR AFTER	CLARITY BEFORE	CLARITY AFTER	pH	COMMENTS
PB22266BL	PBW	C	C	CL	CL	<2	10/13/06 RY
PB22266BS	CSW	C	C	CL	CL	<2	Spike Sol 4
X4830-06	MH1PT5	C	C	CL	CL	<2	
X4830-07	MH1PT6	C	C	CL	CL	<2	
X4830-08	MH1PT7	C	C	CL	CL	<2	
X4830-09	MH1PT7D	C	C	CL	CL	<2	
X4830-10	MH1PT7S	C	C	CL	CL	<2	Spike Sol 6 10/13/06 RY
X4830-11	MH1W55	C	C	CL	CL	<2	
X4830-12	MH1W56	C	C	CL	CL	<2	
X4830-13	MH1W57	C	C	CL	CL	<2	
X4830-14	MH1W57D	C	C	CL	CL	<2	10/13/06 RY
X4830-15	MH1W57S	C	C	CL	CL	<2	Spike Sol 6

* 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

ILM05.3

Prep Code HS1

CHEMTECH Soil/Sludge Preparation Worksheet

SDG No

Matrix: SOIL/SLUDGE

Final Vol: 100ml X4830

Balance Calibration Check(1.00): 1.00 g

Method: ILM 05.3

Hot Plate Temp: 1, 2, 3,

95°C

Batch #: PB22265

ICP Digest Date: 10/13/06

Sample Received By: D. [illegible]

Acceptance Range: +/-1%

Supervisor Signature: D. [illegible]

Analyst Signature: [illegible]

STANDARD NAME	MLS USED	STD REF. # FROM LOG
LCSS	1.0g	MM1199
Spike Sol 6	2.0mL	MI7334
		10/13/06 RY

10/13/06 [illegible]

CHEMICAL USED	LOT #
CONC: HNO3	MR1107
1:1 HNO3	MI7942
1:1 HCL	MI7969
30% H2O2	MR786
	10/13/06 RY

CHEMTECH

Soil/Sludge Sample Preparation Worksheet

Batch #: PB22265

LAB SAMPLE ID	CLIENT SAMPLE ID	WEIGHT	COLOR BEFORE	COLOR AFTER	Texture	ARTIFACT	COMMENTS
PB22265BL	PBS	1.00	Colorless	Colorless	Fine	No	10/03/06 MY
PB22265BS	LCSS	1.00	Brown	Yellow	Fine	No	MM1199
X4830-01	MH1PR2	1.00	Brown	Yellow	Medium	No	
X4830-02	MH1PR3	1.00	Brown	Yellow	Medium	No	
X4830-03	MH1PR4	1.00	Brown	Yellow	Medium	No	
X4830-04	MH1PR4D	1.00	Brown	Yellow	Medium	No	10/13/06 MY
X4830-05	MH1PR4S	1.00	Brown	Yellow	Medium	No	Spike Sol

Back To Main

* 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
* TEXTURE: F=Fine M=Medium C=Coarse
* ARTIFACT: Y=Yes N=No

ILM05.3

Prep Code HS1

CHEMTECH Soil/Sludge Preparation Worksheet

SDG No _____

Matrix: SOIL/SLUDGE

Final Vol: 100 ml

Balance Calibration Check(1.00): 1.00 g

Method: ILM05.3

Hot Plate Temp: (1.) 2. 3.
95°C

X4830

Batch #: PB22265

ICP Digest Date: 10/13/06

Sample Received By: D. Bopp

Acceptance Range: +/-1%

Supervisor Signature: D. Bopp

Analyst Signature: Rene Yanto

STANDARD NAME	MLS USED	STD REF. # FROM LOG
Spike Sol 1		
Spike Sol 2		
Spike Sol 3		
Spike Sol 4		
LCSS	1.0 g	10/13/06 RY MM 1199
Spike Sol 6	10/13/06 ~~2.0 ml~~ 2.0 ml	MI 7334 10/13/06

CHEMICAL USED	LOT #
CONC: HNO3	MR 1107
1:1 HNO3	ME 7942
CONC. HCL	
1:1 HCL	ME 7969
30% H2O2	MR 786

Date/Time	Received By	Relinguished By	Location
10/13/06 1600	D. Bopp	Rene Yanto	ICP Lab

CHEMTECH

Soil/Sludge Sample Preparation Worksheet

Batch #: PB22265

LAB SAMPLEID	CLIENT SAMPLEID	WEIGHT	COLOR BEFORE	COLOR AFTER	Texture	ARTIFACT	WT OF VESSEL BEFORE	WT OF VESSEL AFTER	COMMENTS
PB22265BL	PBS	1.00	C	C	F				MM/129 10/12/06 RY
PB22265BS	LCSS	1.00	BR	Y	F				MM/1[illegible]
X4830-01	MH1PR2	1.00	BR	Y	M				
X4830-02	MH1PR3	1.00	BR	Y	M				
X4830-03	MH1PR4	1.00	BR	Y	M				
X4830-04	MH1PR4D	1.00	BR	Y	M				10/13/06 RY
X4830-05	MH1PR4S	1.00	BR	Y	M				Spike Sol[illegible]

* 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
* TEXTURE: F=Fine M=Medium C=Coarse
* ARTIFACT: Y=Yes N=No

CHEMTECH
QC: X4830

PERCENT SOLIDS

ANALYST: Ken Rivera
DATE: 10/11/06

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
X4830-01	MH1PR2	1	1.14	7.09	4.83	62.1
X4830-02	MH1PR3	2	1.13	7.62	5.79	71.9
X4830-03	MH1PR4	3	1.15	8.03	5.99	70.4
X4830-04	MH1PR4D	4	1.14	7.75	5.9	72.1
X4830-05	MH1PR4S	5	NR	NR	NR	NR
BLANK	DISH	B1	1.14	1.14	1.14	100.0

OVEN TEMP: 105°C
TIME IN: 10/10/06 16:00 PM
TIME OUT: 10/11/06 13:00 AM

FedEx Express **USA Airbill** 8291 6197 1610 0215 Form I.D. No. **FedEx Copy**

1 From

Date 10-5-06 Sender's FedEx Account Number 1323-8775-7

Sender's Name Mr. Shu Phone 801 536-4100

Company DEPT OF ENVIRONMENTAL QUALITY

Address 168 N 1950 W Dept./Floor/Suite/Room

City SALT LAKE CITY State UT ZIP 84116

Darwin Shu 10-6-06

2 Your Internal Billing Reference 4690 MI58 9185 BM

3 To

Recipient's Name Pawan Hasan Phone 908 789-8900

Company Chemical Consulting Group

Address 744 Stelfield Street

To "HOLD" at FedEx location, print FedEx address.

Original Documents are included in CSF MHPR5 ZUBAR ALP

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Signature 10/6/06 Date Dept./Floor/Suite/Room

City Mountainside State NJ ZIP 07092

8291 6197 1610

018364865 9

4a Express Package Service *Packages up to 150 lbs* Delivery commitment may be later in some areas

1 ☐ FedEx Priority Overnight Next business morning

5 ☑ FedEx Standard Overnight Next business afternoon

6 ☐ FedEx First Overnight Earliest next business morning delivery to select locations

3 ☐ FedEx 2Day Second business day

20 ☐ FedEx Express Saver Third business day

FedEx Envelope rate not available. Minimum charge: One-pound rate

77 ☐ NEW FedEx Extra Hours Later drop-off with next business afternoon delivery for select locations

4b Express Freight Service *Packages over 150 lbs* Delivery commitment may be later in some areas

7 ☐ FedEx 1Day Freight* Next business day

8 ☐ FedEx 2Day Freight Second business day

83 ☐ FedEx 3Day Freight Third business day

* Call for Confirmation:

5 Packaging * Declared value limit $500

6 ☐ FedEx Envelope*

2 ☐ FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak

1 ☑ Other Pkg. Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling Include FedEx address in Section 3.

3 ☐ SATURDAY Delivery Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes

33 ☐ SUNDAY Delivery Available only for FedEx Priority Overnight to select ZIP codes

1 ☐ HOLD Weekday at FedEx Location Not available with FedEx First Overnight

31 ☐ HOLD Saturday at FedEx Location Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

1 ☑ No

4 ☐ Yes As per attached Shipper's Declaration

6 ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

☐ Cargo Aircraft Only

Dangerous Goods (incl. Dry Ice) cannot be shipped in FedEx packaging or with FedEx Extra Hours service.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

1 ☑ Sender Acct. No. in Section 1 will be billed.

2 ☐ Recipient

3 ☐ Third Party

4 ☐ Credit Card

5 ☐ Cash/Check

☐ Obtain Recip Acct. No.

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†	Total Charges
3	189	$ .00	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the *FedEx Service Guide* for details.

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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SRP•Rev. Date 12/00•Part #155918S•©1994–2000 FedEx•PRINTED IN U.S.A.

LOGIN REPORT

Order ID:	X4830 USEP01	**Order Date:**	10/6/2006	**Project Mgr:**	
Client Name:	USEPA CLP SMO	**Project Name:**	35810	**Report Type:**	
Client Contact:		**Rec DateTime**	10/6/2006 9:45:00 AM	**EDD:**	
Invoice Name:	USEPA CLP SMO	**Purchase Order:**		**Hard Copy Date:**	
Invoice Contact		**Login Tech:**	zubair	**Date Signoff:**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
X4830-01	MH1PR2	Solid	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
						Percent Solids		Chemtech - SOP	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-02	MH1PR3	Solid	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
						Percent Solids		Chemtech - SOP	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-03	MH1PR4	Solid	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
						Percent Solids		Chemtech - SOP	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-04	MH1PR4D	Solid	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
						Percent Solids		Chemtech - SOP	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM

CHEMTECH

LOGIN REPORT

Order ID:	X4830 USEP01	**Order Date:**	10/6/2006	**Project Mgr:**	
Client Name:	USEPA CLP SMO	**Project Name:**	35810	**Report Type:**	
Client Contact:		**Rec DateTime**	10/6/2006 9:45:00 AM	**EDD:**	
Invoice Name:	USEPA CLP SMO	**Purchase Order:**		**Hard Copy Date:**	
Invoice Contact		**Login Tech:**	zubair	**Date Signoff:**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
X4830-05	MH1PR4S	Solid	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
						Percent Solids		Chemtech - SOP	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-06	MH1PT5	Water	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-07	MH1PT6	Water	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-08	MH1PT7	Water	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-09	MH1PT7D	Water	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-10	MH1PT7S	Water	10/3/2006		1						
						Metals CLP Full		ILM05.3	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM

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CHEMTECH

LOGIN REPORT

Order ID:	X4830 USEP01	**Order Date:**	10/6/2006	**Project Mgr:**	
Client Name:	USEPA CLP SMO	**Project Name:**	35810	**Report Type:**	
Client Contact:		**Rec DateTime**	10/6/2006 9:45:00 AM	**EDD:**	
Invoice Name:	USEPA CLP SMO	**Purchase Order:**		**Hard Copy Date:**	
Invoice Contact		**Login Tech:**	zubair	**Date Signoff:**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT		FAX DATE	Due Dates
X4830-11	MH1W55	Water	10/3/2006		1	Metals CLP Full		ILM05.3	Metals CLP Full = Dissolved Metals	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-12	MH1W56	Water	10/3/2006		1	Metals CLP Full		ILM05.3	Metals CLP Full = Dissolved Metals	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-13	MH1W57	Water	10/3/2006		1	Metals CLP Full		ILM05.3	Metals CLP Full = Dissolved Metals	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-14	MH1W57D	Water	10/3/2006		1	Metals CLP Full		ILM05.3	Metals CLP Full = Dissolved Metals	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM
X4830-15	MH1W57S	Water	10/3/2006		1	Metals CLP Full		ILM05.3	Metals CLP Full = Dissolved Metals	15 Bu	Oct 27 2006 9:45AM	Oct 27 2006 9:45AM

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CHEMTECH

LOGIN REPORT

Order ID:	X4830 USEP01	**Order Date:**	10/6/2006	**Project Mgr:**	
Client Name:	USEPA CLP SMO	**Project Name:**	35810	**Report Type:**	
Client Contact:		**Rec DateTime**	10/6/2006 9:45:00 AM	**EDD:**	
Invoice Name:	USEPA CLP SMO	**Purchase Order:**		**Hard Copy Date:**	
Invoice Contact		**Login Tech:**	zubair	**Date Signoff:**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody?

Are the number of samples the same as stated on the chain of custody?

Are bottle caps tight and securely in place?

Were all containers intact when received?

Were samples submitted in an ice chest?

Were samples received cold?

Were samples within the holding time for the requested test(s)?

Is the volume of sample submitted sufficient for the requested test(s)?

Are all samples for volatile organic analyses free of headspace?

ORDER COMMENT

CASE#35810,SDG#MH1PT2

304

parveen

From: Benhoff, Michael [mbenhoff@fedcsc.com]
Sent: Tuesday, October 10, 2006 10:36 AM
To: Divya Mehta; parveen
Cc: Carol Beard (E-mail)
Subject: Region 08 | Case 35810 | Lab CHEM | Issue Insufficient/inappropriate designation of laboratory QC | FINAL

RECORD OF COMMUNICATION - please see update to issue 2.

Issue 1: The TR didn't designate a sample for lab QC. If samples should be chosen, the lab would like to choose MH1PR4 for the soil matrix and MH1PT7 for the water matrix.
Resolution 1: In accordance with previous direction from Region 8, for both Inorganic and Organic Multi-Media samples, the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the sample selected for laboratory QC, and proceed with the analysis of the samples.

Issue 2: The lab put the last three TM and DM samples into SDG MH1PR2. The lab would like to know if QC should be done for TM and DM or if the TM QC will be sufficient. If a sample should be selected for DM lab QC, the lab would like to choose MH1W57.
Resolution 2: Per Region 8, the lab should perform QC for both total metals and dissolved metals (samples selected by the lab). Please document the issue in the SDG Narrative.

-----Original Message-----
From: parveen [mailto:parveen@chemtech.net]
Sent: Tuesday, October 10, 2006 11:07 AM
To: Benhoff, Michael
Subject: RE: Region 08 | Case 35810 | Lab CHEM | Issue Insufficient/inappropriate designation of laboratory QC | FINAL
Mike,

Issue 2: Lab is planning to take sample MH1W57 as DM Lab QC as long its not a PE or Field Blank Sample. Its that OK w/ the Region?

Thanks
Parveen Hasan
CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092
(908) 789-8900 Ext. 210
www.chemtech.net

-----Original Message-----
From: Benhoff, Michael
Sent: Tuesday, October 10, 2006 10:28 AM
To: Divya Mehta (E-mail); Parveen Hasan (E-mail)
Cc: Carol Beard (E-mail)
Subject: Region 08 | Case 35810 | Lab CHEM | Issue Insufficient/inappropriate designation of laboratory QC | FINAL

Parveen:

Following are the resolutions to the issues below:

Issue 1: The TR didn't designate a sample for lab QC. If samples should be chosen, the lab would like to choose MH1PR4 for the soil matrix and MH1PT7 for the water matrix.
Resolution 1: In accordance with previous direction from Region 8, for both Inorganic and Organic Multi-Media samples, the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the sample selected for laboratory QC, and proceed with the analysis of the samples.

Issue 2: The lab put the last three TM and DM samples into SDG MH1PR2. The lab would like to know if QC should be done for TM and DM or if the TM QC will be sufficient.
Resolution 2: Per Region 8, the lab should perform QC for both total metals and dissolved metals. Please document the issue in the SDG Narrative.

thanks,
Mike

-----Original Message-----
From: Mo Slam [mailto:mslam@utah.gov]
Sent: Tuesday, October 10, 2006 10:16 AM
To: Carol Beard (E-mail); Michael Benhoff
Cc: 'mccomb.martin@epa.gov'; Joseph Katz
Subject: Re: Laboratory Assignment for Case 35810 10/08/2006

Michael - This is in response to your phone call. I am sorry, I was out of the office on Friday afternoon. We would prefer that both total metals and dissolved metals QC be done for this case, if possible.

Thanks
Mo Slam

-----Original Message-----
From: Benhoff, Michael
Sent: Monday, October 09, 2006 2:25 PM
To: Divya Mehta (E-mail); Parveen Hasan (E-mail)
Subject: Region 08 | Case 35810 | Lab CHEM | Issue Insufficient/inappropriate designation of laboratory QC

Parveen:

Following is the resolution to issue 1. I have left a message for the Region about issue 2.

Issue 1: The TR didn't designate a sample for lab QC. If samples should be chosen, the lab would like to choose MH1PR4 for the soil matrix and MH1PT7 for the water matrix.

Resolution 1: In accordance with previous direction from Region 8, for both Inorganic and Organic Multi-Media samples, the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the sample selected for laboratory QC, and proceed with the analysis of the samples.

I will pass along the resolution to issue 2 when it is received.

thanks,
Mike

Michael Benhoff
Computer Sciences Corporation
CLP Coordinator for Regions 6 & 8
mbenhoff@fedcsc.com
Phone: (703) 818-4357; Fax: (703) 818-4602

M-F 9:00 AM - 5:00 PM

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10/9/2006 2:20 PM Mike Benhoff, SMO, left a message for Mo Slam, Utah DEQ, regarding issue 2 below.

-----Original Message-----
From: parveen [mailto:parveen@chemtech.net]
Sent: Monday, October 09, 2006 1:50 PM
To: Benhoff, Michael
Subject: RE: Region 08 | Case 35810 | Lab CHEM | Issue Incorrect/duplicated sample numbers | FINAL

Mike,

Issue 1: The TR didn't designate a sample for MS/MSD for SDG# MH1PR2. The lab would like to choose the following samples as Lab QC samples if one should be chosen as long its not a PE or Field Blank sample.

Lab Choose Sample as QC	SDG #
MH1PR4 (For Soil Matrix)	MH1PR2
MH1PT7 (For Water Matrix)	MH1PR2

Issue 2: Lab put last 3 Water TM and 3 Water DM in one SDG (SDG# MH1PR2), do Lab require separate QC for DM sample too where we have water matrix QC for TM in same SDG?

Thanks
Parveen Hasan
CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092
(908) 789-8900 Ext. 210
www.chemtech.net

-----Original Message-----
From: Benhoff, Michael [mailto:mbenhoff@fedcsc.com]
Sent: Friday, October 06, 2006 2:52 PM
To: Divya Mehta; parveen
Cc: Carol Beard (E-mail)
Subject: Region 08 | Case 35810 | Lab CHEM | Issue Incorrect/duplicated sample numbers | FINAL

Parveen:

Following is the resolution to the issue below:

Issue: The sampler used the same IDs for the total and dissolved metals samples.

Resolution: In accordance with previous direction from Region 8, the Total Metals sample will keep the CLP sample ID listed on the TR/COC. The SMO coordinator will assign a new CLP sample ID for the Dissolved Metals/Filtered Metals sample and notify the Region and the laboratory of the new sample ID. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

OLD DM ID	NEW DM ID
MH1PR5	MH1W35
MH1PR6	MH1W36
MH1PR7	MH1W37
MH1PR8	MH1W38
MH1PR9	MH1W39
MH1PS0	MH1W40
MH1PS1	MH1W41
MH1PS2	MH1W42
MH1PS3	MH1W43
MH1PS4	MH1W44
MH1PS5	MH1W45
MH1PS6	MH1W46
MH1PS7	MH1W47
MH1PS8	MH1W48
MH1PS9	MH1W49
MH1PT0	MH1W50
MH1PT1	MH1W51
MH1PT2	MH1W52
MH1PT3	MH1W53
MH1PT4	MH1W54
MH1PT5	MH1W55
MH1PT6	MH1W56
MH1PT7	MH1W57

thanks,
Mike

Michael Benhoff
Computer Sciences Corporation
CLP Coordinator for Regions 6 & 8
mbenhoff@fedcsc.com
Phone: (703) 818-4357; Fax: (703) 818-4602
M-F 9:00 AM - 5:00 PM

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-----Original Message-----
From: parveen [mailto:parveen@chemtech.net]
Sent: Friday, October 06, 2006 3:32 PM
To: Benhoff, Michael
Subject: FW: Region 08 | Case 35810 | Lab CHEM | Issue Non-sampler issues | FINAL

Thanks
Parveen Hasan
CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092
(908) 789-8900 Ext. 210
www.chemtech.net

-----Original Message-----
From: parveen
Sent: Friday, October 06, 2006 10:51 AM
To: 'mbenhoff@csc.com'
Subject: Region 08 | Case 35810 | Lab CHEM | Issue Non-sampler issues | FINAL
Mike,

Please find the attached TR Cover for the List of samples where Lab needs the New Sample ID for DM.

Thanks
Parveen Hasan
CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092
(908) 789-8900 Ext. 210
www.chemtech.net

CHEMTECH

INTERNAL CHAIN OF CUSTODY ORDER NO. X4830

OrderID	SampleNumber	AcceptedDate	AcceptedBy	StorageLocation
X4830	X4830-01	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-01	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-01	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-02	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-02	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-02	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-03	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-03	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-03	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-04	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-04	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-04	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-05	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-05	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-05	10/13/2006 2:07:52 PM	NARENDRA	REF#1

INTERNAL CHAIN OF CUSTODY ORDER NO. X4830

OrderID	SampleNumber	AcceptedDate	AcceptedBy	StorageLocation
X4830	X4830-06	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-06	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-06	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-07	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-07	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-07	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-08	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-08	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-08	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-09	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-09	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-09	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-10	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-10	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-10	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-11	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-11	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-11	10/13/2006 2:07:52 PM	NARENDRA	REF#1

INTERNAL CHAIN OF CUSTODY ORDER NO. X4830

OrderID	SampleNumber	AcceptedDate	AcceptedBy	StorageLocation
X4830	X4830-12	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-12	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-12	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-13	10/9/2006 5:14:50 PM	parveen	A31
X4830	X4830-13	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-13	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-14	10/10/2006 11:03:36 AM	parveen	A31
X4830	X4830-14	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-14	10/13/2006 2:07:52 PM	NARENDRA	REF#1
X4830	X4830-15	10/10/2006 11:03:39 AM	parveen	A31
X4830	X4830-15	10/13/2006 9:49:40 AM	NARENDRA	Metals Lab
X4830	X4830-15	10/13/2006 2:07:52 PM	NARENDRA	REF#1

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900

LABORATORY CHRONICLE
SAMPLE MANAGEMENT

CLIENT NAME USEPA CLP SMO
CLIENT PROJECT 35810
SAMPLE DATE(s) 10/2,3/06
SAMPLE MATRIX: H2O, SOIL, WIPE, OTHER CHEMTECH COOLER ID: N/A

LAB PROJECT# X4830
SAMPLE TEMP ON RECEIPT 4°C
SAMPLE RECEIVED DATE 10/6/06

CONDITION OF SAMPLES RECEIVED BY LAB

	NA	YES	NO	COMMENT
COOLER SEAL INTACT	NA	YES	NO	
SAMPLES RECEIVED COOL (2-6 oC)	NA	YES	NO	
SAMPLE RECEIVED INTACT	NA	YES	NO	
SAMPLE LABELS MATCH CHAIN OF CUSTODY	NA	YES	NO	
Were Samples Within The Holding Time For The Requested Test(S)?	NA	YES	NO	
VOA'S PRESERVED AS PER LABEL OR CUSTODY	NA	YES	NO	
VOA'S W/OUT BUBBLES, SEPTA TPE SIDE DOWN	NA	YES	NO	
SAMPLES DELIVERED VIA CHEMTECH PICK UP	NA	YES	NO	
SAMPLES DELIVERED VIA CLIENT DROP OFF	NA	YES	NO	
AIRBILL # PRESENT, IF BY COMMON CARRIER	NA	YES	NO	Fed Ex 829161971610
TRAFFIC REPORTS PRESENT, IF APPLICABLE	NA	YES	NO	
SUBCONTRACT ANALYSIS REQUIRED	NA	YES	NO	

PRESERVATION CHECKS PERFORMED FOR AQUEOUS SAMPLES REQUIRING pH ADTLUSTMENT
NA=IF NOT APPLICABLE

SAMPLE IDENTIFICATION	FRACTION	pH MEASURED	OK	COMMENT
MH1PT5	TM	C2	✓	HNO3
T6				
T7				

10/6/06

PERSON COMPLETING THIS FORM: [signature] DATE: 10/6/06

QA Control Code: A2040128