1071547 - R8 SDMS

CSF CHAIN OF CUSTODY FORM

U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section

Audit Number: 08-16-08
Case Number: 36948
Date CSF Received: 12/3/07
Site Name: Richardson Flat Tailings
Auditor: Carl Blair
Lab Name: A-4
Date of Audit: 12/12/07
SDG Number: MH23H0

Date of Transfer: 6/10/08
Comments:
Transfer to: Kathryn Hernandez
Affiliation: EPA
Transfer from (AOS): RSCC

CSF Relinquished By:

Print Name	Date	Signature
Carl Blair	6/10/08	Carl Blair

CSF Received By:

Print Name	Date	Signature
SF Rec Cent	6/10/08	

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

Rev. 07/05/95

08-16-08

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

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.

MH23H0

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-01

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 74.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12800		E	P
7440-36-0	Antimony	7.9	U		P
7440-38-2	Arsenic	9.4		E	P
7440-39-3	Barium	166		E	P
7440-41-7	Beryllium	0.37	J		P
7440-43-9	Cadmium	0.96		E	P
7440-70-2	Calcium	11300		E	P
7440-47-3	Chromium	17.6		E	P
7440-48-4	Cobalt	12.3			P
7440-50-8	Copper	25.7			P
7439-89-6	Iron	15600		E	P
7439-92-1	Lead	67.2			P
7439-95-4	Magnesium	3520		E	P
7439-96-5	Manganese	967		E	P
7440-02-0	Nickel	13.5			P
7440-09-7	Potassium	2640			P
7782-49-2	Selenium	4.6	U		P
7440-22-4	Silver	0.69	J	E	P
7440-23-5	Sodium	315	J		P
7440-28-0	Thallium	3.3	U		P
7440-62-2	Vanadium	33.5		E	P
7440-66-6	Zinc	133			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H1

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-02

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 86.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17200		E	P
7440-36-0	Antimony	32.1			P
7440-38-2	Arsenic	40.9		E	P
7440-39-3	Barium	209		E	P
7440-41-7	Beryllium	0.57			P
7440-43-9	Cadmium	5.4		E	P
7440-70-2	Calcium	4500		E	P
7440-47-3	Chromium	23.2		E	P
7440-48-4	Cobalt	12.6			P
7440-50-8	Copper	96.5			P
7439-89-6	Iron	18800		E	P
7439-92-1	Lead	765			P
7439-95-4	Magnesium	3910		E	P
7439-96-5	Manganese	948		E	P
7440-02-0	Nickel	16.9			P
7440-09-7	Potassium	3010			P
7782-49-2	Selenium	3.7	U		P
7440-22-4	Silver	6.5		E	P
7440-23-5	Sodium	523	U		P
7440-28-0	Thallium	1.5	J		P
7440-62-2	Vanadium	40.6		E	P
7440-66-6	Zinc	870			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H2

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-03

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 82.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19800		E	P
7440-36-0	Antimony	4.5	J		P
7440-38-2	Arsenic	10.7		E	P
7440-39-3	Barium	216		E	P
7440-41-7	Beryllium	0.65			P
7440-43-9	Cadmium	1.3		E	P
7440-70-2	Calcium	5930		E	P
7440-47-3	Chromium	25.9		E	P
7440-48-4	Cobalt	13.1			P
7440-50-8	Copper	33.0			P
7439-89-6	Iron	21200		E	P
7439-92-1	Lead	127			P
7439-95-4	Magnesium	5770		E	P
7439-96-5	Manganese	730		E	P
7440-02-0	Nickel	19.1			P
7440-09-7	Potassium	4540			P
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.68	J	E	P
7440-23-5	Sodium	262	J		P
7440-28-0	Thallium	2.7	U		P
7440-62-2	Vanadium	43.1		E	P
7440-66-6	Zinc	235			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H3

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-04

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 82.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15300		E	P
7440-36-0	Antimony	78.3			P
7440-38-2	Arsenic	89.9		E	P
7440-39-3	Barium	161		E	P
7440-41-7	Beryllium	0.50	J		P
7440-43-9	Cadmium	10.9		E	P
7440-70-2	Calcium	4830		E	P
7440-47-3	Chromium	22.0		E	P
7440-48-4	Cobalt	11.3			P
7440-50-8	Copper	206			P
7439-89-6	Iron	17000		E	P
7439-92-1	Lead	2080			P
7439-95-4	Magnesium	4230		E	P
7439-96-5	Manganese	1040		E	P
7440-02-0	Nickel	17.0			P
7440-09-7	Potassium	3500			P
7782-49-2	Selenium	4.2	U		P
7440-22-4	Silver	16.2		E	P
7440-23-5	Sodium	594	U		P
7440-28-0	Thallium	3.2			P
7440-62-2	Vanadium	34.4		E	P
7440-66-6	Zinc	1990			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H4

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-05

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 91.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14900		E	P
7440-36-0	Antimony	75.0			P
7440-38-2	Arsenic	89.8		E	P
7440-39-3	Barium	159		E	P
7440-41-7	Beryllium	0.51			P
7440-43-9	Cadmium	9.7		E	P
7440-70-2	Calcium	4470		E	P
7440-47-3	Chromium	21.5		E	P
7440-48-4	Cobalt	10.6			P
7440-50-8	Copper	209			P
7439-89-6	Iron	16500		E	P
7439-92-1	Lead	2030			P
7439-95-4	Magnesium	4130		E	P
7439-96-5	Manganese	817		E	P
7440-02-0	Nickel	16.6			P
7440-09-7	Potassium	2950			P
7782-49-2	Selenium	1.3	J		P
7440-22-4	Silver	16.3		E	P
7440-23-5	Sodium	496	U		P
7440-28-0	Thallium	2.7			P
7440-62-2	Vanadium	33.8		E	P
7440-66-6	Zinc	1800			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H5

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-06

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 84.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15100		E	P
7440-36-0	Antimony	4.1	J		P
7440-38-2	Arsenic	10.8		E	P
7440-39-3	Barium	180		E	P
7440-41-7	Beryllium	0.49	J		P
7440-43-9	Cadmium	1.8		E	P
7440-70-2	Calcium	5320		E	P
7440-47-3	Chromium	20.8		E	P
7440-48-4	Cobalt	11.7			P
7440-50-8	Copper	31.8			P
7439-89-6	Iron	16400		E	P
7439-92-1	Lead	149			P
7439-95-4	Magnesium	4220		E	P
7439-96-5	Manganese	801		E	P
7440-02-0	Nickel	16.4			P
7440-09-7	Potassium	4230			P
7782-49-2	Selenium	3.7	U		P
7440-22-4	Silver	1.1	J	E	P
7440-23-5	Sodium	531	U		P
7440-28-0	Thallium	2.7	U		P
7440-62-2	Vanadium	39.8		E	P
7440-66-6	Zinc	361			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H6

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-07

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 85.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15200		E	P
7440-36-0	Antimony	15.4			P
7440-38-2	Arsenic	23.1		E	P
7440-39-3	Barium	146		E	P
7440-41-7	Beryllium	0.51	J		P
7440-43-9	Cadmium	3.6		E	P
7440-70-2	Calcium	4920		E	P
7440-47-3	Chromium	19.9		E	P
7440-48-4	Cobalt	9.7			P
7440-50-8	Copper	59.6			P
7439-89-6	Iron	15800		E	P
7439-92-1	Lead	431			P
7439-95-4	Magnesium	4040		E	P
7439-96-5	Manganese	629		E	P
7440-02-0	Nickel	15.1			P
7440-09-7	Potassium	3080			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	2.9		E	P
7440-23-5	Sodium	566	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	32.1		E	P
7440-66-6	Zinc	624			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H7

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-08

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 74.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16500		E	P
7440-36-0	Antimony	89.4			P
7440-38-2	Arsenic	88.0		E	P
7440-39-3	Barium	221		E	P
7440-41-7	Beryllium	0.51	J		P
7440-43-9	Cadmium	13.1		E	P
7440-70-2	Calcium	8050		E	P
7440-47-3	Chromium	21.8		E	P
7440-48-4	Cobalt	13.7			P
7440-50-8	Copper	239			P
7439-89-6	Iron	17100		E	P
7439-92-1	Lead	2430			P
7439-95-4	Magnesium	4320		E	P
7439-96-5	Manganese	1630		E	P
7440-02-0	Nickel	18.4			P
7440-09-7	Potassium	2880			P
7782-49-2	Selenium	2.4	J		P
7440-22-4	Silver	15.8		E	P
7440-23-5	Sodium	453	J		P
7440-28-0	Thallium	1.8	J		P
7440-62-2	Vanadium	34.4		E	P
7440-66-6	Zinc	1920			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

NNNNNNN2N

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H8

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-09

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 40.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4290		E	P
7440-36-0	Antimony	62.2			P
7440-38-2	Arsenic	84.6		E	P
7440-39-3	Barium	126		E	P
7440-41-7	Beryllium	1.2	U		P
7440-43-9	Cadmium	9.2		E	P
7440-70-2	Calcium	102000		E	P
7440-47-3	Chromium	6.5		E	P
7440-48-4	Cobalt	12.3	U		P
7440-50-8	Copper	123			P
7439-89-6	Iron	5580		E	P
7439-92-1	Lead	788			P
7439-95-4	Magnesium	3980		E	P
7439-96-5	Manganese	1990		E	P
7440-02-0	Nickel	6.9	J		P
7440-09-7	Potassium	882	J		P
7782-49-2	Selenium	4.6	J		P
7440-22-4	Silver	7.8		E	P
7440-23-5	Sodium	906	J		P
7440-28-0	Thallium	6.1	U		P
7440-62-2	Vanadium	9.3	J	E	P
7440-66-6	Zinc	1500			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23H9

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-10

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 88.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14400		E	P
7440-36-0	Antimony	40.9			P
7440-38-2	Arsenic	52.7		E	P
7440-39-3	Barium	141		E	P
7440-41-7	Beryllium	0.48	J		P
7440-43-9	Cadmium	5.9		E	P
7440-70-2	Calcium	4370		E	P
7440-47-3	Chromium	18.9		E	P
7440-48-4	Cobalt	8.5			P
7440-50-8	Copper	104			P
7439-89-6	Iron	15700		E	P
7439-92-1	Lead	1000			P
7439-95-4	Magnesium	3730		E	P
7439-96-5	Manganese	607		E	P
7440-02-0	Nickel	11.6			P
7440-09-7	Potassium	3420			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	7.6		E	P
7440-23-5	Sodium	551	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	27.0		E	P
7440-66-6	Zinc	1020			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J0

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-11

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 46.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7830		E	P
7440-36-0	Antimony	84.8			P
7440-38-2	Arsenic	89.7		E	P
7440-39-3	Barium	193		E	P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	12.1		E	P
7440-70-2	Calcium	86200		E	P
7440-47-3	Chromium	10.3		E	P
7440-48-4	Cobalt	5.1	J		P
7440-50-8	Copper	171			P
7439-89-6	Iron	8700		E	P
7439-92-1	Lead	1250			P
7439-95-4	Magnesium	4710		E	P
7439-96-5	Manganese	2420		E	P
7440-02-0	Nickel	8.5			P
7440-09-7	Potassium	1420			P
7782-49-2	Selenium	5.0	J		P
7440-22-4	Silver	12.8		E	P
7440-23-5	Sodium	822	J		P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	14.1		E	P
7440-66-6	Zinc	1610			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J1

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-12

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 84.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18100		E	P
7440-36-0	Antimony	42.4			P
7440-38-2	Arsenic	53.7		E	P
7440-39-3	Barium	174		E	P
7440-41-7	Beryllium	0.61			P
7440-43-9	Cadmium	6.7		E	P
7440-70-2	Calcium	4770		E	P
7440-47-3	Chromium	21.7		E	P
7440-48-4	Cobalt	11.0			P
7440-50-8	Copper	122			P
7439-89-6	Iron	18800		E	P
7439-92-1	Lead	1170			P
7439-95-4	Magnesium	4320		E	P
7439-96-5	Manganese	839		E	P
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	3480			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	8.4		E	P
7440-23-5	Sodium	578	U		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	34.1		E	P
7440-66-6	Zinc	1090			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J2

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-13

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 79.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17500		E	P
7440-36-0	Antimony	134			P
7440-38-2	Arsenic	139		E	P
7440-39-3	Barium	185		E	P
7440-41-7	Beryllium	0.55	J		P
7440-43-9	Cadmium	15.5		E	P
7440-70-2	Calcium	5820		E	P
7440-47-3	Chromium	23.3		E	P
7440-48-4	Cobalt	10.8			P
7440-50-8	Copper	335			P
7439-89-6	Iron	19400		E	P
7439-92-1	Lead	3310			P
7439-95-4	Magnesium	4360		E	P
7439-96-5	Manganese	1010		E	P
7440-02-0	Nickel	16.0			P
7440-09-7	Potassium	3450			P
7782-49-2	Selenium	2.6	J		P
7440-22-4	Silver	25.4		E	P
7440-23-5	Sodium	251	J		P
7440-28-0	Thallium	3.8			P
7440-62-2	Vanadium	34.7		E	P
7440-66-6	Zinc	2600			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J3

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-14

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 86.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15200		E	P
7440-36-0	Antimony	13.9			P
7440-38-2	Arsenic	21.6		E	P
7440-39-3	Barium	149		E	P
7440-41-7	Beryllium	0.56	J		P
7440-43-9	Cadmium	2.3		E	P
7440-70-2	Calcium	6100		E	P
7440-47-3	Chromium	20.0		E	P
7440-48-4	Cobalt	9.5			P
7440-50-8	Copper	47.5			P
7439-89-6	Iron	16400		E	P
7439-92-1	Lead	334			P
7439-95-4	Magnesium	4490		E	P
7439-96-5	Manganese	566		E	P
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium	2850			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	2.8		E	P
7440-23-5	Sodium	297	J		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	32.6		E	P
7440-66-6	Zinc	328			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J4

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-15

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 81.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17000		E	P
7440-36-0	Antimony	47.0			P
7440-38-2	Arsenic	54.2		E	P
7440-39-3	Barium	186		E	P
7440-41-7	Beryllium	0.48	J		P
7440-43-9	Cadmium	6.9		E	P
7440-70-2	Calcium	4200		E	P
7440-47-3	Chromium	24.8		E	P
7440-48-4	Cobalt	11.8			P
7440-50-8	Copper	123			P
7439-89-6	Iron	20100		E	P
7439-92-1	Lead	1100			P
7439-95-4	Magnesium	3740		E	P
7439-96-5	Manganese	876		E	P
7440-02-0	Nickel	15.6			P
7440-09-7	Potassium	3060			P
7782-49-2	Selenium	4.2	U		P
7440-22-4	Silver	8.7		E	P
7440-23-5	Sodium	273	J		P
7440-28-0	Thallium	1.8	J		P
7440-62-2	Vanadium	45.7		E	P
7440-66-6	Zinc	1170			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J5

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-16

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 86.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13700		E	P
7440-36-0	Antimony	6.9	U		P
7440-38-2	Arsenic	9.2		E	P
7440-39-3	Barium	188		E	P
7440-41-7	Beryllium	0.44	J		P
7440-43-9	Cadmium	0.91		E	P
7440-70-2	Calcium	3190		E	P
7440-47-3	Chromium	18.1		E	P
7440-48-4	Cobalt	10.5			P
7440-50-8	Copper	25.3			P
7439-89-6	Iron	15500		E	P
7439-92-1	Lead	70.6			P
7439-95-4	Magnesium	2970		E	P
7439-96-5	Manganese	813		E	P
7440-02-0	Nickel	12.8			P
7440-09-7	Potassium	3410			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U	E	P
7440-23-5	Sodium	571	U		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	32.2		E	P
7440-66-6	Zinc	123			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J6

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-17

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 66.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13300		E	P
7440-36-0	Antimony	18.6			P
7440-38-2	Arsenic	19.5		E	P
7440-39-3	Barium	339		E	P
7440-41-7	Beryllium	0.49	J		P
7440-43-9	Cadmium	5.2		E	P
7440-70-2	Calcium	24400		E	P
7440-47-3	Chromium	16.6		E	P
7440-48-4	Cobalt	7.4			P
7440-50-8	Copper	70.1			P
7439-89-6	Iron	14000		E	P
7439-92-1	Lead	402			P
7439-95-4	Magnesium	4720		E	P
7439-96-5	Manganese	1450		E	P
7440-02-0	Nickel	12.5			P
7440-09-7	Potassium	3030			P
7782-49-2	Selenium	2.2	J		P
7440-22-4	Silver	2.3		E	P
7440-23-5	Sodium	408	J		P
7440-28-0	Thallium	3.7	U		P
7440-62-2	Vanadium	28.2		E	P
7440-66-6	Zinc	754			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

00000029

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J7

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-18

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 76.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14900		E	P
7440-36-0	Antimony	8.8			P
7440-38-2	Arsenic	13.0		E	P
7440-39-3	Barium	224		E	P
7440-41-7	Beryllium	0.28	J		P
7440-43-9	Cadmium	2.0		E	P
7440-70-2	Calcium	4860		E	P
7440-47-3	Chromium	23.1		E	P
7440-48-4	Cobalt	11.5			P
7440-50-8	Copper	42.1			P
7439-89-6	Iron	18500		E	P
7439-92-1	Lead	177			P
7439-95-4	Magnesium	3590		E	P
7439-96-5	Manganese	433		E	P
7440-02-0	Nickel	12.5			P
7440-09-7	Potassium	2940			P
7782-49-2	Selenium	4.1	U		P
7440-22-4	Silver	2.1		E	P
7440-23-5	Sodium	287	J		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	40.6		E	P
7440-66-6	Zinc	311			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J8

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-19

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 84.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13900		E	P
7440-36-0	Antimony	9.7			P
7440-38-2	Arsenic	19.0		E	P
7440-39-3	Barium	209		E	P
7440-41-7	Beryllium	0.46	J		P
7440-43-9	Cadmium	3.7		E	P
7440-70-2	Calcium	4600		E	P
7440-47-3	Chromium	20.3		E	P
7440-48-4	Cobalt	10.9			P
7440-50-8	Copper	53.1			P
7439-89-6	Iron	16700		E	P
7439-92-1	Lead	375			P
7439-95-4	Magnesium	3140		E	P
7439-96-5	Manganese	799		E	P
7440-02-0	Nickel	12.9			P
7440-09-7	Potassium	3660			P
7782-49-2	Selenium	4.1	U		P
7440-22-4	Silver	2.4		E	P
7440-23-5	Sodium	582	U		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	36.9		E	P
7440-66-6	Zinc	639			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23J9

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Matrix (soil/water): SOIL Lab Sample ID: 0008708-20

Level (low/med): LOW Date Received: 11/09/2007

% Solids: 83.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17700		E	P
7440-36-0	Antimony	49.6			P
7440-38-2	Arsenic	54.5		E	P
7440-39-3	Barium	293		E	P
7440-41-7	Beryllium	0.55	J		P
7440-43-9	Cadmium	6.3		E	P
7440-70-2	Calcium	4610		E	P
7440-47-3	Chromium	22.4		E	P
7440-48-4	Cobalt	15.2			P
7440-50-8	Copper	123			P
7439-89-6	Iron	19500		E	P
7439-92-1	Lead	1090			P
7439-95-4	Magnesium	4100		E	P
7439-96-5	Manganese	1260		E	P
7440-02-0	Nickel	17.3			P
7440-09-7	Potassium	3390			P
7782-49-2	Selenium	1.4	J		P
7440-22-4	Silver	9.1		E	P
7440-23-5	Sodium	320	J		P
7440-28-0	Thallium	1.7	J		P
7440-62-2	Vanadium	39.6		E	P
7440-66-6	Zinc	1040			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

00000032

USEPA-CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Initial Calibration Verification Source: QATS-ICV

Continuing Calibration Verification Source: HP-CCV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	2482.0	2443.50	98	5000.0	5122.75	102	4949.45	99	P
Antimony	992.0	949.99	96	1250.0	1180.75	94	1137.90	91	P
Arsenic	996.0	904.87	91	250.0	245.80	98	245.59	98	P
Barium	502.0	499.36	99	5000.0	4932.60	99	4718.65	94	P
Beryllium	493.0	468.35	95	125.0	124.16	99	117.92	94	P
Cadmium	494.0	460.08	93	125.0	122.92	98	122.67	98	P
Calcium	10180.0	9760.70	96	12500.0	12958.00	104	12528.00	100	P
Chromium	490.0	495.57	101	500.0	505.12	101	513.97	103	P
Cobalt	496.0	492.46	99	1250.0	1237.15	99	1246.40	100	P
Copper	490.0	488.12	100	625.0	596.61	95	612.46	98	P
Iron	5107.0	4881.15	96	2500.0	2570.15	103	2440.15	98	P
Lead	996.0	913.92	92	250.0	248.39	99	253.45	101	P
Magnesium	6003.0	5849.25	97	12500.0	13047.50	104	12700.00	102	P
Manganese	495.0	509.21	103	1250.0	1272.10	102	1308.70	105	P
Nickel	492.0	489.10	99	1250.0	1249.75	100	1256.80	101	P
Potassium	10008.0	9702.25	97	12500.0	12316.50	99	11763.00	94	P
Selenium	1005.0	913.06	91	250.0	242.31	97	243.09	97	P
Silver	495.0	496.18	100	625.0	617.50	99	627.25	100	P
Sodium	10039.0	9756.45	97	12500.0	12393.50	99	12098.00	97	P
Thallium	1027.0	931.80	91	250.0	245.79	98	248.17	99	P
Vanadium	501.0	501.95	100	1250.0	1242.90	99	1286.95	103	P
Zinc	1000.0	987.66	99	1200.0	1289.25	107	1305.05	109	P

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

USEPA-CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Initial Calibration Verification Source: QATS-ICV

Continuing Calibration Verification Source: HP-CCV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				5000.0	5127.45	103			P
Antimony				1250.0	1181.25	94			P
Arsenic				250.0	245.46	98			P
Barium				5000.0	4915.10	98			P
Beryllium				125.0	121.83	97			P
Cadmium				125.0	123.03	98			P
Calcium				12500.0	12773.00	102			P
Chromium				500.0	512.35	102			P
Cobalt				1250.0	1245.40	100			P
Copper				625.0	608.14	97			P
Iron				2500.0	2505.85	100			P
Lead				250.0	250.90	100			P
Magnesium				12500.0	12866.50	103			P
Manganese				1250.0	1296.35	104			P
Nickel				1250.0	1253.25	100			P
Potassium				12500.0	12331.50	99			P
Selenium				250.0	245.92	98			P
Silver				625.0	626.67	100			P
Sodium				12500.0	12550.00	100			P
Thallium				250.0	248.85	100			P
Vanadium				1250.0	1274.65	102			P
Zinc				1200.0	1290.85	108			P

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

00000034

USEPA-CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Initial Calibration Verification Source: QATS-ICV

Continuing Calibration Verification Source: HP-CCV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	2482.0	2568.20	103	5000.0	5139.70	103	5303.15	106	P
Antimony	992.0	957.27	96	1250.0	1248.45	100	1219.65	98	P
Arsenic	996.0	902.59	91	250.0	248.36	99	249.06	100	P
Barium	502.0	522.65	104	5000.0	5205.20	104	5383.20	108	P
Beryllium	493.0	493.36	100	125.0	128.67	103	131.64	105	P
Cadmium	494.0	459.96	93	125.0	126.06	101	126.40	101	P
Calcium	10180.0	10243.30	101	12500.0	12784.00	102	12984.00	104	P
Chromium	490.0	487.78	100	500.0	506.99	101	505.29	101	P
Cobalt	496.0	487.23	98	1250.0	1236.40	99	1234.35	99	P
Copper	490.0	485.55	99	625.0	627.06	100	627.23	100	P
Iron	5107.0	5156.40	101	2500.0	2600.70	104	2629.80	105	P
Lead	996.0	914.06	92	250.0	245.70	98	244.10	98	P
Magnesium	6003.0	6181.05	103	12500.0	12751.00	102	12748.50	102	P
Manganese	495.0	502.70	102	1250.0	1271.50	102	1265.70	101	P
Nickel	492.0	481.36	98	1250.0	1233.40	99	1230.75	98	P
Potassium	10008.0	10146.10	101	12500.0	12903.00	103	13252.00	106	P
Selenium	1005.0	914.95	91	250.0	251.92	101	253.26	101	P
Silver	495.0	486.94	98	625.0	637.87	102	637.80	102	P
Sodium	10039.0	10301.50	103	12500.0	12867.50	103	13247.50	106	P
Thallium	1027.0	931.44	91	250.0	248.99	100	248.56	99	P
Vanadium	501.0	498.38	99	1250.0	1262.25	101	1255.80	100	P
Zinc	1000.0	964.62	96	1200.0	1214.40	101	1200.10	100	P

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

USEPA-CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Initial Calibration Verification Source: QATS-ICV

Continuing Calibration Verification Source: HP-CCV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				5000.0	5081.90	102			P
Antimony				1250.0	1261.50	101			P
Arsenic				250.0	251.41	101			P
Barium				5000.0	5176.85	104			P
Beryllium				125.0	125.62	100			P
Cadmium				125.0	127.19	102			P
Calcium				12500.0	12370.00	99			P
Chromium				500.0	478.52	96			P
Cobalt				1250.0	1236.75	99			P
Copper				625.0	607.42	97			P
Iron				2500.0	2521.70	101			P
Lead				250.0	244.16	98			P
Magnesium				12500.0	12268.00	98			P
Manganese				1250.0	1214.10	97			P
Nickel				1250.0	1227.85	98			P
Potassium				12500.0	12739.00	102			P
Selenium				250.0	255.50	102			P
Silver				625.0	613.23	98			P
Sodium				12500.0	12812.00	102			P
Thallium				250.0	250.29	100			P
Vanadium				1250.0	1212.40	97			P
Zinc				1200.0	1190.45	99			P

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

USEPA-CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH23H0

CRQL Check Standard Source: HP-CRDL

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum		200.00 U	0	200.00 U	0
Antimony	60.0	50.81 J	85	44.90 J	75
Arsenic	10.0	10.95	110	10.47	105
Barium		200.00 U	0	200.00 U	0
Beryllium	5.0	5.32	106	5.21	104
Cadmium	5.0	4.98 J	100	4.94 J	99
Calcium		5000.00 U	0	5000.00 U	0
Chromium	10.0	11.21	112	11.81	118
Cobalt	50.0	52.04	104	53.70	107
Copper	25.0	26.95	108	26.87	107
Iron		100.00 U	0	100.00 U	0
Lead	10.0	11.02	110	12.66	127
Magnesium		5000.00 U	0	5000.00 U	0
Manganese	15.0	17.27	115	18.08	121
Nickel	40.0	42.23	106	43.37	108
Potassium		5000.00 U	0	5000.00 U	0
Selenium	35.0	34.86 J	100	34.80 J	99
Silver	10.0	10.92	109	10.47	105
Sodium		5000.00 U	0	5000.00 U	0
Thallium	25.0	26.29	105	26.41	106
Vanadium	50.0	53.17	106	54.71	109
Zinc	60.0	64.76	108	69.75	116

(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: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH23H0

CRQL Check Standard Source: HP-CRDL

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum		200.00 U	0	200.00 U	0
Antimony	60.0	53.43 J	89	46.18 J	77
Arsenic	10.0	10.10	101	10.46	105
Barium		200.00 U	0	200.00 U	0
Beryllium	5.0	5.93	119	5.99	120
Cadmium	5.0	5.41	108	5.34	107
Calcium		5000.00 U	0	5000.00 U	0
Chromium	10.0	11.94	119	11.22	112
Cobalt	50.0	56.34	113	54.88	110
Copper	25.0	29.13	117	28.11	112
Iron		100.00 U	0	100.00 U	0
Lead	10.0	12.05	120	10.60	106
Magnesium		5000.00 U	0	5000.00 U	0
Manganese	15.0	18.32	122	17.94	120
Nickel	40.0	45.25	113	43.83	110
Potassium		5000.00 U	0	5000.00 U	0
Selenium	35.0	35.79	102	35.08	100
Silver	10.0	11.35	114	11.67	117
Sodium		5000.00 U	0	5000.00 U	0
Thallium	25.0	28.05	112	26.86	107
Vanadium	50.0	58.56	117	55.92	112
Zinc	60.0	65.92	110	62.89	105

(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: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

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	200.0	U	87.5	J	200.0	U	200.0	U	20.000	U	P
Antimony	60.0	U	60.0	U	60.0	U	60.0	U	6.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Barium	200.0	U	200.0	U	200.0	U	200.0	U	20.000	U	P
Beryllium	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	P
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	P
Calcium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	500.000	U	P
Chromium	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Copper	25.0	U	25.0	U	25.0	U	25.0	U	2.500	U	P
Iron	40.4	J	42.6	J	100.0	U	100.0	U	10.000	U	P
Lead	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Magnesium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	500.000	U	P
Manganese	15.0	U	15.0	U	15.0	U	15.0	U	1.500	U	P
Nickel	40.0	U	40.0	U	40.0	U	40.0	U	4.000	U	P
Potassium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	500.000	U	P
Selenium	35.0	U	35.0	U	35.0	U	35.0	U	3.500	U	P
Silver	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Sodium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	500.000	U	P
Thallium	25.0	U	25.0	U	25.0	U	25.0	U	2.500	U	P
Vanadium	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Zinc	60.0	U	60.0	U	60.0	U	60.0	U	6.000	U	P

USEPA-CLP

3-IN
BLANKS

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG NO.: MH23H0

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	200.0	U	200.0	U	200.0	U	200.0	U			P
Antimony	60.0	U	60.0	U	60.0	U	60.0	U			P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U			P
Barium	200.0	U	200.0	U	200.0	U	200.0	U			P
Beryllium	5.0	U	5.0	U	5.0	U	5.0	U			P
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U			P
Calcium	5000.0	U	5000.0	U	5000.0	U	5000.0	U			P
Chromium	10.0	U	10.0	U	10.0	U	10.0	U			P
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U			P
Copper	25.0	U	25.0	U	25.0	U	25.0	U			P
Iron	100.0	U	100.0	U	100.0	U	100.0	U			P
Lead	10.0	U	10.0	U	10.0	U	10.0	U			P
Magnesium	5000.0	U	5000.0	U	5000.0	U	5000.0	U			P
Manganese	15.0	U	15.0	U	15.0	U	15.0	U			P
Nickel	40.0	U	40.0	U	40.0	U	40.0	U			P
Potassium	5000.0	U	5000.0	U	5000.0	U	5000.0	U			P
Selenium	35.0	U	35.0	U	35.0	U	35.0	U			P
Silver	10.0	U	10.0	U	10.0	U	10.0	U			P
Sodium	5000.0	U	5000.0	U	5000.0	U	5000.0	U			P
Thallium	25.0	U	25.0	U	25.0	U	25.0	U			P
Vanadium	50.0	U	50.0	U	50.0	U	50.0	U			P
Zinc	60.0	U	60.0	U	60.0	U	60.0	U			P

USEPA-CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

ICP-AES Instrument ID: B-ICAP6500 ICS Source: A(1206) & B(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	244100	241100	235000	96	249000	103	265000	109	247000	102
Antimony	0	589	-3.1		559	95	-7.5		547	93
Arsenic	0	101	0.93		97.1	96	-0.25		95.6	95
Barium	2.0	495	-2.8	-140	505	102	-3.1	-155	497	100
Beryllium	0	475	1.3		479	101	1.5		471	99
Cadmium	0	940	1.7		971	103	1.8		965	103
Calcium	234900	231100	229000	97	239000	103	254000	108	241000	104
Chromium	43.0	511	46.1	107	559	109	47.3	110	563	110
Cobalt	4.0	461	3.4	85	530	115	3.1	78	527	114
Copper	23.0	548	26.2	114	552	101	24.4	106	552	101
Iron	95600	94800	89300	93	94900	100	98500	103	92400	97
Lead	10.0	61.0	8.3	83	62.9	103	5.2	52	63.0	103
Magnesium	247500	251500	244000	99	255000	101	272000	110	255000	101
Manganese	19.0	502	17.5	92	549	109	16.9	89	553	110
Nickel	21.0	984	20.0	95	1080	110	20.5	98	1080	110
Potassium	0	0	-85.3		-84.1		-120		-117	
Selenium	0	53.0	-8.2		52.4	99	-10.9		52.1	98
Silver	0	206	0.24		221	107	-0.50		221	107
Sodium	0	0	739		780		821		783	
Thallium	0	103	-1.9		97.1	94	-1.5		95.4	93
Vanadium	0	494	-0.32		524	106	-0.54		528	107
Zinc	28.0	1028	26.0	93	1110	108	27.6	99	1110	108

USEPA-CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

ICP-AES Instrument ID: B-ICAP6500 ICS Source: A(1206) & B(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	244100	241100	236000	97	256000	106	258000	106	251000	104
Antimony	0	589	-8.0		556	94	-10.4		564	96
Arsenic	0	101	-0.48		92.1	91	0.021		93.3	92
Barium	2.0	495	-2.9	-145	530	107	-3.2	-160	524	106
Beryllium	0	475	1.4		505	106	1.5		493	104
Cadmium	0	940	1.6		947	101	1.9		957	102
Calcium	234900	231100	227000	97	241000	104	241000	103	232000	100
Chromium	43.0	511	43.5	101	524	103	43.2	100	527	103
Cobalt	4.0	461	3.0	75	496	108	3.1	78	498	108
Copper	23.0	548	23.6	103	531	97	23.4	102	539	98
Iron	95600	94800	91100	95	98800	104	98000	103	95600	101
Lead	10.0	61.0	5.1	51	55.5	91	0.54	5	55.9	92
Magnesium	247500	251500	235000	95	253000	101	251000	101	242000	96
Manganese	19.0	502	16.1	85	509	101	15.3	81	508	101
Nickel	21.0	984	18.2	87	1010	103	18.5	88	1010	103
Potassium	0	0	-67.3		-97.3		-91.6		-83.1	
Selenium	0	53.0	-4.2		52.1	98	-6.0		55.8	105
Silver	0	206	0.19		212	103	0.086		215	104
Sodium	0	0	720		782		801		764	
Thallium	0	103	-1.4		92.1	89	-0.94		92.5	90
Vanadium	0	494	-0.18		491	99	-0.82		493	100
Zinc	28.0	1028	24.7	88	992	96	23.6	84	973	95

USEPA-CLP

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH23H7S

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

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

% Solids for Sample: 74.7

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		17650.3400		16481.1700		0.00	0		P
Antimony	75 - 125	109.3800		89.4091		26.25	76		P
Arsenic		100.4180		88.0054		10.50	118		P
Barium	75 - 125	715.0301		221.2023		524.98	94		P
Beryllium	75 - 125	11.6079		0.5052	J	13.12	85		P
Cadmium	75 - 125	24.6949		13.1070		13.12	88		P
Calcium		8265.6780		8046.9830		0.00	0		P
Chromium	75 - 125	70.3842		21.8442		52.50	92		P
Cobalt	75 - 125	148.6928		13.7483		131.24	103		P
Copper	75 - 125	292.9102		239.3192		65.62	82		P
Iron		18422.0500		17094.4100		0.00	0		P
Lead		2543.5730		2426.9140		5.25	2222		P
Magnesium		4595.8340		4323.6450		0.00	0		P
Manganese		1675.8540		1631.0960		131.24	34		P
Nickel	75 - 125	152.6892		18.4408		131.24	102		P
Potassium		3005.8800		2883.9810		0.00	0		P
Selenium	75 - 125	12.9138		2.4175	J	13.12	80		P
Silver	75 - 125	26.4804		15.8297		13.12	81		P
Sodium		493.1951	J	452.9165	J	0.00	0		P
Thallium	75 - 125	13.6776		1.8188	J	13.12	90		P
Vanadium	75 - 125	157.5387		34.4094		131.24	94		P
Zinc		2062.5640		1920.6350		131.24	108		P

Comments:

USEPA-CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

MH23H7D

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

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

% Solids for Sample: 74.7 % Solids for Duplicate: 73.7

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		16481.1700		18225.3800		10		P
Antimony		89.4091		92.6631		4		P
Arsenic		88.0054		91.2263		4		P
Barium		221.2023		242.6008		9		P
Beryllium		0.5052	J	0.5547	J	9		P
Cadmium		13.1070		13.6235		4		P
Calcium		8046.9830		8882.4610		10		P
Chromium		21.8442		23.1255		6		P
Cobalt	6.3747	13.7483		14.2888		4		P
Copper		239.3192		247.4452		3		P
Iron		17094.4100		18602.4600		8		P
Lead		2426.9140		2529.7890		4		P
Magnesium		4323.6450		4783.0270		10		P
Manganese		1631.0960		1703.3150		4		P
Nickel	5.0998	18.4408		19.3348		5		P
Potassium	637.4706	2883.9810		3186.2770		10		P
Selenium		2.4175	J	2.4912	J	3		P
Silver		15.8297		16.4056		4		P
Sodium		452.9165	J	492.5710	J	8		P
Thallium		1.8188	J	1.7154	J	6		P
Vanadium		34.4094		35.8477		4		P
Zinc		1920.6350		2004.9840		4		P

USEPA-CLP

7 - IN
LABORATORY CONTROL SAMPLE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No: _____ SDG NO.: MH23H0

Solid LCS Source: QATS-LCS

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum				115.0	98.4		54.7	175.0	86
Antimony				66.0	54.0		27.6	104.0	82
Arsenic				253.0	220.3		154.0	352.0	87
Barium				1.6	8.7	U	1.0	2.2	0
Beryllium				4.9	4.6		3.0	6.8	94
Cadmium				10.9	11.1		7.7	14.0	102
Calcium				44200.0	42357.5		30300.0	58200.0	96
Chromium				27.1	27.9		18.5	35.7	103
Cobalt				37.4	37.8		24.2	50.6	101
Copper				1770.0	1738.0		20.0	2230.0	98
Iron				6470.0	5469.2		4280.0	8660.0	85
Lead				56.9	53.2		41.4	72.4	93
Magnesium				29200.0	27247.0		20500.0	37900.0	93
Manganese				61.0	61.8		41.6	80.5	101
Nickel				16.3	15.4		9.0	23.7	94
Potassium				39.7	227.0	U	0.0	85.3	0
Selenium				10.0	8.7		4.1	15.9	87
Silver				5.9	5.2		2.7	9.1	88
Sodium				72.5	220.0	U	0.0	216.0	0
Thallium				9.5	8.3		2.9	16.1	87
Vanadium				17.6	17.5		11.6	23.7	99
Zinc				47.5	43.7		20.5	74.4	92

USEPA-CLP

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MH23H7L

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

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	129270.0		156240.0		21	E	P
Antimony	701.3		755.9		8		P
Arsenic	690.27		769.25		11	E	P
Barium	1735.0		2094.1		21	E	P
Beryllium	3.96	J	5.77		46		P
Cadmium	102.81		116.41		13	E	P
Calcium	63117		79218		26	E	P
Chromium	171.34		202.49		18	E	P
Cobalt	107.8		114.2		6		P
Copper	1877.1		2013.9		7		P
Iron	134080.0		168035.0		25	E	P
Lead	19035.50		19888.00		4		P
Magnesium	33913		42669		26	E	P
Manganese	12793.50		15717.50		23	E	P
Nickel	144.6		151.8		5		P
Potassium	22621		27622		22		P
Selenium	19.0	J	23.7	J	25		P
Silver	124.16		137.38		11	E	P
Sodium	3552	J	4336	J	22		P
Thallium	14.3	J	16.3	J	14		P
Vanadium	269.9		307.1		14	E	P
Zinc	15064.5		15958.5		6		P

00000046

USEPA-CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Instrument Type: P Instrument ID: B-ICAP6500 Date: 07/27/2007

Preparation Method: NP1

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

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	396.15	200.0	84.9
Antimony	206.83	60.0	22.2
Arsenic	189.04	10.0	3.90
Barium	455.40	200.0	80.7
Beryllium	313.04	5.0	1.90
Cadmium	228.80	5.0	1.80
Calcium	317.93	5000.0	2050
Chromium	267.72	10.0	3.80
Cobalt	228.62	50.0	18.2
Copper	324.75	25.0	9.8
Iron	259.94	100.0	37.5
Lead	220.35	10.0	4.30
Magnesium	279.07	5000.0	2060
Manganese	257.61	15.0	5.70
Nickel	231.60	40.0	14.6
Potassium	766.49	5000.0	1860
Selenium	196.09	35.0	12.5
Silver	328.07	10.0	4.40
Sodium	589.59	5000.0	2020
Thallium	190.86	25.0	10.5
Vanadium	292.40	50.0	18.8
Zinc	206.20	60.0	23.2

Comments:

USEPA-CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG NO.: MH23H0

Instrument Type: P Instrument ID: B-ICAP6500 Date: 07/27/2007

Preparation Method: HS2

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

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	396.15	20.00	9.60
Antimony	206.83	6.00	2.60
Arsenic	189.04	1.00	0.49
Barium	455.40	20.00	8.70
Beryllium	313.04	0.50	0.23
Cadmium	228.80	0.50	0.20
Calcium	317.93	500.00	216.00
Chromium	267.72	1.00	0.49
Cobalt	228.62	5.00	2.20
Copper	324.75	2.50	1.20
Iron	259.94	10.00	4.50
Lead	220.35	1.00	0.49
Magnesium	279.07	500.00	224.00
Manganese	257.61	1.50	0.69
Nickel	231.60	4.00	1.70
Potassium	766.49	500.00	227.00
Selenium	196.09	3.50	1.20
Silver	328.07	1.00	0.42
Sodium	589.59	500.00	220.00
Thallium	190.86	2.50	1.10
Vanadium	292.40	5.00	2.30
Zinc	206.20	6.00	2.60

Comments: _____

USEPA-CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Instrument Type: P Instrument ID: B-ICAP6500 Date: 07/27/2007

Preparation Method: HS2

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

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	396.15	200.0	96.3
Antimony	206.83	60.0	26.0
Arsenic	189.04	10.0	4.90
Barium	455.40	200.0	86.7
Beryllium	313.04	5.0	2.30
Cadmium	228.80	5.0	2.00
Calcium	317.93	5000.0	2160
Chromium	267.72	10.0	4.90
Cobalt	228.62	50.0	21.7
Copper	324.75	25.0	11.9
Iron	259.94	100.0	45.2
Lead	220.35	10.0	4.90
Magnesium	279.07	5000.0	2240
Manganese	257.61	15.0	6.90
Nickel	231.60	40.0	17.3
Potassium	766.49	5000.0	2270
Selenium	196.09	35.0	12.4
Silver	328.07	10.0	4.20
Sodium	589.59	5000.0	2230
Thallium	190.86	25.0	11.5
Vanadium	292.40	50.0	23.4
Zinc	206.20	60.0	25.8

Comments:

USEPA-CLP

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

ICP-AES Instrument ID: B-ICAP6500 Date: 10/14/2007

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Rh
Aluminum	396.15	0.0000000	0.0002330	0.0002300	0.0000900	0.0000000
Antimony	206.83	0.0000480	0.0000070	0.0000310	0.0000000	0.0000000
Arsenic	189.04	0.0000100	0.0000040	-0.0000050	0.0000030	0.0000000
Barium	455.40	0.0000040	0.0000030	0.0000000	0.0000020	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	228.80	0.0000000	0.0000000	0.0000030	0.0000000	0.0000000
Calcium	317.93	0.0000280	0.0000000	0.0006750	0.0001990	0.0000000
Chromium	267.71	0.0000010	0.0000030	0.0000070	0.0000000	0.0000000
Cobalt	228.61	0.0000020	0.0000010	0.0000180	0.0000000	0.0000000
Copper	324.75	0.0000010	-0.0000010	0.0000070	0.0000000	0.0000000
Iron	259.94	0.0000060	0.0000070	0.0000000	0.0001640	0.0000000
Lead	220.35	0.0001330	0.0000000	0.0000420	0.0000100	0.0000000
Magnesium	279.07	-0.0000110	0.0000100	0.0000010	0.0000000	0.0000000
Manganese	257.61	0.0000010	0.0000030	0.0000120	0.0000250	0.0000000
Nickel	231.60	0.0000030	0.0000030	-0.0000200	0.0000030	0.0000000
Potassium	766.49	0.0000600	0.0001800	-0.0001130	0.0001910	0.0000000
Selenium	196.09	0.0000080	-0.0000030	-0.0000200	0.0000010	0.0000000
Silver	328.06	0.0000000	0.0002700	0.0057060	0.0000070	0.0000000
Sodium	589.59	0.0000400	0.0001630	0.0000240	0.0000490	0.0000000
Thallium	190.85	0.0000070	0.0000020	0.0000130	0.0000030	0.0000000
Vanadium	292.40	0.0000010	0.0000020	0.0000440	-0.0000010	0.0000000
Zinc	206.20	0.0000010	0.0000040	-0.0000190	0.0000300	0.0000000

Comments:

USEPA-CLP

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

ICP-AES Instrument ID: B-ICAP6500 Date: 10/14/2007

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
Aluminum	396.15					
Antimony	206.83					
Arsenic	189.04					
Barium	455.40					
Beryllium	313.04					
Cadmium	228.80					
Calcium	317.93					
Chromium	267.71					
Cobalt	228.61					
Copper	324.75					
Iron	259.94					
Lead	220.35					
Magnesium	279.07					
Manganese	257.61					
Nickel	231.60					
Potassium	766.49					
Selenium	196.09					
Silver	328.06					
Sodium	589.59					
Thallium	190.85					
Vanadium	292.40					
Zinc	206.20					

Comments:

USEPA-CLP

11-IN

ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG NO.: MH23H0

ICP Instrument ID: B-ICAP6500 Date: 10/15/2007

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000.0	P
Antimony	15.00	50000.0	P
Arsenic	15.00	50000.0	P
Barium	15.00	50000.0	P
Beryllium	15.00	50000.0	P
Cadmium	15.00	50000.0	P
Calcium	15.00	500000.0	P
Chromium	15.00	50000.0	P
Cobalt	15.00	50000.0	P
Copper	15.00	50000.0	P
Iron	15.00	200000.0	P
Lead	15.00	50000.0	P
Magnesium	15.00	500000.0	P
Manganese	15.00	50000.0	P
Nickel	15.00	50000.0	P
Potassium	15.00	500000.0	P
Selenium	15.00	50000.0	P
Silver	15.00	50000.0	P
Sodium	15.00	500000.0	P
Thallium	15.00	50000.0	P
Vanadium	15.00	50000.0	P
Zinc	15.00	50000.0	P

Comments: _____

USEPA-CLP

12-IN

PREPARATION LOG

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23H0

Preparation Method: HS2

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
PBSQ2	11/09/2007	1.00	100
LCSSQ2	11/09/2007	1.00	100
MH23H0	11/09/2007	1.02	100
MH23H1	11/09/2007	1.11	100
MH23H2	11/09/2007	1.12	100
MH23H3	11/09/2007	1.02	100
MH23H4	11/09/2007	1.10	100
MH23H5	11/09/2007	1.11	100
MH23H6	11/09/2007	1.03	100
MH23H7	11/09/2007	1.05	100
MH23H7D	11/09/2007	1.01	100
MH23H7S	11/09/2007	1.02	100
MH23H8	11/09/2007	1.02	100
MH23H9	11/09/2007	1.02	100
MH23J0	11/09/2007	1.01	100
MH23J1	11/09/2007	1.03	100
MH23J2	11/09/2007	1.12	100
MH23J3	11/09/2007	1.01	100
MH23J4	11/09/2007	1.02	100
MH23J5	11/09/2007	1.01	100
MH23J6	11/09/2007	1.02	100
MH23J7	11/09/2007	1.11	100
MH23J8	11/09/2007	1.02	100
MH23J9	11/09/2007	1.03	100

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH23H0

Instrument ID: B-ICAP6500 Analysis Method: P

Start Date: 11/12/2007 End Date: 11/12/2007

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	1425	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	1428	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	1430	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	1433	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	1436	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.0	1438	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	1441	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	1444	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	1446	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
PBSQ2	1.0	1449	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
LCSSQ2	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			
MH23H0	1.0	1455	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H1	1.0	1458	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H2	1.0	1500	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H3	1.0	1503	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H4	1.0	1506	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H5	1.0	1509	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H6	1.0	1512	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	1515																										
CCV	1.0	1517	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	1520	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H7	1.0	1523	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H7D	1.0	1526	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H7S	1.0	1528	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H7L	5.0	1531	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H8	1.0	1534	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	1537																										
ZZZZZZ	1.0	1540																										
CRI	1.0	1542	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.0	1545	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	1548	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	1550	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	1553	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: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG No.: MH23H0

Instrument ID: B-ICAP6500 Analysis Method: P

Start Date: 11/13/2007 End Date: 11/13/2007

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	0944	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	0947	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	0949	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	0952	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	0955	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.0	0957	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	1000	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	1003	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	1005	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23H9	1.0	1008	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J0	1.0	1011	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J1	1.0	1014	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J2	1.0	1017	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J3	1.0	1019	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J4	1.0	1022	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J5	1.0	1025	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J6	1.0	1028	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J7	1.0	1031	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	1034																										
CCV	1.0	1036	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	1039	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J8	1.0	1042	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23J9	1.0	1044	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	1047																										
ZZZZZZ	1.0	1050																										
ZZZZZZ	1.0	1053																										
ZZZZZZ	1.0	1056																										
ZZZZZZ	1.0	1058																										
CRI	1.0	1101	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.0	1104	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	1107	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	1109	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	1112	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-97-07 **Analysis Date:** 11/13/07

Sequence: TAL20071112E **Analyst/Date:** 11/13/07

Method 1LM05.4 **Reviewer/Date:**

SOP 2SOP06.

No.	Lab Sample / Client Sample	Analysis Date	Time	DF	Data File	Standard ID & Comments
0	S0	11/12/07	14:25:30	1	TAL20071112E.t	
0	S	11/12/07	14:28:15	1	TAL20071112E.t	
0	ICV1	11/12/07	14:30:54	1	TAL20071112E.t	
0	ICB1	11/12/07	14:33:27	1	TAL20071112E.t	
0	CRDL1	11/12/07	14:36:12	1	TAL20071112E.t	
0	ICS-A1	11/12/07	14:38:53	1	TAL20071112E.t	
0	ICS-AB1	11/12/07	14:41:40	1	TAL20071112E.t	
0	CCV1	11/12/07	14:44:21	1	TAL20071112E.t	
0	CCB1	11/12/07	14:46:57	1	TAL20071112E.t	
0	ICPBLKQ2	11/12/07	14:49:42	1	TAL20071112E.t	
0	ICPLCSQ2	11/12/07	14:52:28	1	TAL20071112E.t	
0	0008708-01	11/12/07	14:55:16	1	TAL20071112E.t	
0	0008708-02	11/12/07	14:58:09	1	TAL20071112E.t	
0	0008708-03	11/12/07	15:00:58	1	TAL20071112E.t	
0	0008708-04	11/12/07	15:03:49	1	TAL20071112E.t	
0	0008708-05	11/12/07	15:06:37	1	TAL20071112E.t	
0	0008708-06	11/12/07	15:09:27	1	TAL20071112E.t	
0	0008708-07	11/12/07	15:12:18	1	TAL20071112E.t	
0	BLANK	11/12/07	15:15:07	1	TAL20071112E.t	
0	CCV2	11/12/07	15:17:50	1	TAL20071112E.t	
0	CCB2	11/12/07	15:20:26	1	TAL20071112E.t	
0	0008708-08	11/12/07	15:23:12	1	TAL20071112E.t	
0	0008708-08D	11/12/07	15:26:01	1	TAL20071112E.t	
0	0008708-08S	11/12/07	15:28:50	1	TAL20071112E.t	
0	0008708-08L	11/12/07	15:31:43	5	TAL20071112E.t	
0	0008708-09	11/12/07	15:34:30	1	TAL20071112E.t	
0	BLANK	11/12/07	15:37:22	1	TAL20071112E.t	
0	ZCRI	11/12/07	15:40:06	1	TAL20071112E.t	
0	CRDL2	11/12/07	15:42:48	1	TAL20071112E.t	
0	ICS-A2	11/12/07	15:45:28	1	TAL20071112E.t	00000056

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-97-07 **Analysis Date:** 11/12/07

Sequence: TAL20071112E **Analyst/Date:** SMJ 11/13/07

Method ICM05.4 **Reviewer/Date:**

SOP 2S0P06.

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	ICS-AB2	11/12/07	15:48:15	1	TAL20071112E.t	
0	CCV3	11/12/07	15:50:56	1	TAL20071112E.t	
0	CCB3	11/12/07	15:53:32	1	TAL20071112E.t	
~~0~~	~~0008708-10~~	~~11/12/07~~	~~15:56:18~~	~~1~~	~~TAL20071112E.t~~	
0	0008708-11	11/12/07	15:59:08	1	TAL20071112E.t	
0	0008708-12	11/12/07	16:01:59	1	TAL20071112E.t	
0	0008708-13	11/12/07	16:04:47	1	TAL20071112E.t	
0	0008708-14	11/12/07	16:07:36	1	TAL20071112E.t	
0	0008708-15	11/12/07	16:10:27	1	TAL20071112E.t	
0	0008708-16	11/12/07	16:13:16	1	TAL20071112E.t	
0	0008708-17	11/12/07	16:16:08	1	TAL20071112E.t	
0	0008708-18	11/12/07	16:18:59	1	TAL20071112E.t	
0	BLANK	11/12/07	16:21:49	1	TAL20071112E.t	
0	CCV4	11/12/07	16:24:32	1	TAL20071112E.t	
0	CCB4	11/12/07	16:27:09	1	TAL20071112E.t	
0	0008708-19	11/12/07	16:29:55	1	TAL20071112E.t	
0	0008708-20	11/12/07	16:32:47	1	TAL20071112E.t	
0	ZZZZZ	11/12/07	16:35:36	1	TAL20071112E.t	
0	ICPBLKQ1	11/12/07	16:38:20	1	TAL20071112E.t	
0	ICPLCSQ1	11/12/07	16:41:07	1	TAL20071112E.t	
0	BLANK	11/12/07	16:43:56	1	TAL20071112E.t	
0	CRDL3	11/12/07	16:46:40	1	TAL20071112E.t	
0	CRDL4	11/12/07	16:49:22	1	TAL20071112E.t	
0	ICS-A3	11/12/07	16:52:03	1	TAL20071112E.t	
0	ICS-AB3	11/12/07	16:54:50	1	TAL20071112E.t	
0	CCV5	11/12/07	16:57:31	1	TAL20071112E.t	
~~0~~	~~CCB5~~	~~11/12/07~~	~~17:00:08~~	~~1~~	~~TAL20071112E.t~~	

00000000057

Sample Name: S0 Acquired: 11/12/2007 14:25:30 Type: Cal
Method: TAL20071112E Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S0 Dilution: 1 Operator: SRV
Comment:

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00171**	**.00078**	**-.00005**	**.00076**	**.00033**	**.00506**
Stddev	.00007	.00006	.00002	.00008	.00002	.00013
%RSD	3.8757	8.1328	29.619	10.430	4.9255	2.5235
#1	-.00167	.00074	-.00006	.00070	.00034	.00497
#2	-.00176	.00083	-.00004	.00081	.00032	.00515

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00018**	**.00011**	**-.00004**	**.00126**	**.00046**	**-.00061**
Stddev	.00019	.00001	.00003	.00001	.00006	.00040
%RSD	109.48	13.031	67.583	1.1663	12.527	65.418
#1	.00031	.00010	-.00002	.00127	.00051	-.00090
#2	.00004	.00012	-.00007	.00125	.00042	-.00033

Sample Name: S0 Acquired: 11/12/2007 14:25:30 Type: Cal
Method: TAL20071112E Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S0 Dilution: 1 Operator: SRV
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00015**	**.00028**	**.00015**	**.00009**	**-.00008**	**.00076**
Stddev	.00000	.00003	.00006	.00015	.00005	.00008
%RSD	.36045	9.7589	40.975	161.94	65.576	10.017
#1	.00015	.00030	.00011	-.00001	-.00011	.00082
#2	.00015	.00026	.00019	.00020	-.00004	.00071

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00001**	**-.00019**	**-.00002**	**.00118**
Stddev	.00001	.00004	.00003	.00001
%RSD	110.69	22.158	130.11	1.0029
#1	.00000	-.00016	-.00005	.00118
#2	-.00002	-.00022	.00000	.00119

Sample Name: S0 Acquired: 11/12/2007 14:25:30 Type: Cal
Method: TAL20071112E Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S0 Dilution: 1 Operator: SRV
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7543.1**	**8962.6**	**130620.**	**22164.**
Stddev	4.3	6.9	751.	546.
%RSD	.05635	.07744	.57478	2.4640
#1	7546.1	8967.5	131150.	21778.
#2	7540.1	8957.6	130090.	22550.

Sample Name: S Acquired: 11/12/2007 14:28:15 Type: Cal
Method: TAL20071112E Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S Dilution: 1 Operator: SRV
Comment:

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.20836**	**.41683**	**.04148**	**26.916**	**.79660**	**2.8684**
Stddev	.00009	.01042	.00014	.672	.01803	.0688
%RSD	.04248	2.4998	.33258	2.4984	2.2632	2.3972
#1	.20830	.42420	.04157	27.391	.80935	2.9171
#2	.20842	.40946	.04138	26.440	.78385	2.8198

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.42328**	**2.7542**	**.08022**	**.41659**	**.35574**	**.40432**
Stddev	.00032	.0029	.00003	.00030	.00851	.00980
%RSD	.07465	.10510	.03464	.07272	2.3931	2.4243
#1	.42305	2.7521	.08020	.41637	.36176	.41125
#2	.42350	2.7562	.08024	.41680	.34972	.39739

Sample Name: S Acquired: 11/12/2007 14:28:15 Type: Cal
Method: TAL20071112E Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S Dilution: 1 Operator: SRV
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.27745**	**1.5034**	**2.2679**	**1.6619**	**.12119**	**.25235**
Stddev	.00683	.0012	.0496	.0009	.00027	.00192
%RSD	2.4621	.07837	2.1873	.05298	.22516	.76073
#1	.28228	1.5026	2.3030	1.6613	.12100	.25099
#2	.27262	1.5043	2.2328	1.6625	.12139	.25371

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.03196**	**.07184**	**.41108**	**2.2771**
Stddev	.00004	.00039	.00083	.0009
%RSD	.13404	.53619	.20223	.04125
#1	.03193	.07212	.41049	2.2777
#2	.03199	.07157	.41166	2.2764

Sample Name: S Acquired: 11/12/2007 14:28:15 Type: Cal
Method: TAL20071112E Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S Dilution: 1 Operator: SRV
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6872.0**	**8717.3**	**125120.**	**21961.**
Stddev	4.3	3.7	423.	447.
%RSD	.06256	.04191	.33800	2.0350
#1	6875.0	8719.8	125420.	21645.
#2	6869.0	8714.7	124820.	22277.

Sample Name: ICV Acquired: 11/12/2007 14:30:54 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICV Dilution: 1 Operator: SRV
Comment: 1

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**496.18**	**2443.5**	**904.87**	**499.36**	**468.34**	**9760.7**
Stddev	1.71	15.7	.16	1.33	1.17	26.0
%RSD	.34422	.64089	.01729	.26617	.24883	.26629
#1	494.97	2432.4	904.98	498.42	467.52	9742.3
#2	497.39	2454.6	904.76	500.30	469.17	9779.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**460.07**	**492.46**	**495.56**	**488.12**	**4881.1**	**9702.2**
Stddev	.29	.88	.53	1.01	3.2	17.3
%RSD	.06299	.17920	.10691	.20783	.06549	.17834
#1	460.28	491.84	495.19	487.40	4878.9	9714.5
#2	459.87	493.08	495.94	488.83	4883.4	9690.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/12/2007 14:30:54 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICV Dilution: 1 Operator: SRV
Comment: 1

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**5849.2**	**509.21**	**9756.5**	**489.10**	**913.92**	**949.99**
Stddev	30.0	.21	21.7	1.24	.32	7.98
%RSD	.51314	.04202	.22248	.25438	.03496	.84004
#1	5828.0	509.06	9741.1	488.22	913.69	944.35
#2	5870.5	509.36	9771.8	489.98	914.15	955.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**913.05**	**931.80**	**501.95**	**987.66**
Stddev	2.11	.11	.40	3.13
%RSD	.23143	.01197	.07971	.31646
#1	911.56	931.72	501.66	985.45
#2	914.55	931.88	502.23	989.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV Acquired: 11/12/2007 14:30:54 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICV Dilution: 1 Operator: SRV
Comment: 1

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7175.2**	**8798.4**	**126100.**	**22343.**
Stddev	21.2	5.2	223.	17.
%RSD	.29526	.05947	.17674	.07720
#1	7190.2	8802.1	126260.	22356.
#2	7160.2	8794.7	125950.	22331.

Sample Name: ICB Acquired: 11/12/2007 14:33:27 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.2335**	**83.018**	**1.4904**	**7.8252**	**.43673**	**104.01**
Stddev	.2037	7.257	.4827	.0248	.01636	.46
%RSD	16.516	8.7413	32.384	.31687	3.7462	.44472
#1	1.0894	77.886	1.1491	7.8076	.44829	104.34
#2	1.3775	88.149	1.8317	7.8427	.42516	103.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.48719**	**1.9217**	**1.1205**	**1.0841**	**40.449**	**53.358**
Stddev	.01599	.1276	.3592	.0170	1.132	34.841
%RSD	3.2822	6.6393	32.053	1.5697	2.7996	65.296
#1	.47589	1.8315	.86657	1.0720	41.250	77.994
#2	.49850	2.0119	1.3745	1.0961	39.649	28.722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 11/12/2007 14:33:27 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**97.418**	**2.4073**	**19.565**	**1.6825**	**.32756**	**16.332**
Stddev	10.488	.0048	7.369	.0854	.22575	4.079
%RSD	10.766	.19846	37.662	5.0747	68.920	24.979
#1	104.83	2.4039	24.775	1.7428	.16793	19.216
#2	90.002	2.4107	14.355	1.6221	.48719	13.447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**2.4630**	**1.2031**	**1.9859**	**2.4250**
Stddev	.0233	.2778	.3662	.0111
%RSD	.94515	23.090	18.439	.45887
#1	2.4795	1.0067	2.2448	2.4171
#2	2.4465	1.3995	1.7269	2.4329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICB Acquired: 11/12/2007 14:33:27 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7418.4**	**8874.9**	**127390.**	**21851.**
Stddev	7.5	7.4	191.	16.
%RSD	.10115	.08336	.14981	.07353
#1	7423.7	8880.1	127250.	21839.
#2	7413.1	8869.6	127520.	21862.

Sample Name: CRI Acquired: 11/12/2007 14:36:12 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.921**	**2.7165**	**10.954**	**.27974**	**5.3231**	**5.3457**
Stddev	.267	3.3959	.300	.01115	.1089	.0558
%RSD	2.4427	125.01	2.7382	3.9876	2.0458	1.0429
#1	10.732	.31526	11.166	.27185	5.2461	5.3851
#2	11.109	5.1178	10.742	.28763	5.4001	5.3062
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**4.9763**	**52.036**	**11.209**	**26.947**	**5.1602**	**17.411**
Stddev	.0597	.185	.279	.675	.7512	31.046
%RSD	1.1993	.35599	2.4933	2.5039	14.557	178.31
#1	5.0185	51.905	11.406	26.470	4.6290	-4.5419
#2	4.9341	52.167	11.011	27.424	5.6914	39.363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/12/2007 14:36:12 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**6.3561**	**17.271**	**4.7757**	**42.226**	**11.019**	**50.809**
Stddev	9.5060	.009	3.8887	.444	.401	1.389
%RSD	149.56	.04959	81.426	1.0524	3.6364	2.7335
#1	13.078	17.265	7.5255	41.912	11.303	49.827
#2	-.36565	17.278	2.0260	42.541	10.736	51.791
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**34.861**	**26.289**	**53.170**	**64.756**
Stddev	.597	.254	.236	.252
%RSD	1.7137	.96493	.44324	.38931
#1	34.439	26.469	53.003	64.934
#2	35.284	26.110	53.336	64.578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/12/2007 14:36:12 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7474.0**	**8911.8**	**128020.**	**21805.**
Stddev	22.2	26.3	104.	499.
%RSD	.29756	.29564	.08142	2.2870
#1	7489.7	8930.5	127950.	22158.
#2	7458.2	8893.2	128100.	21452.

Sample Name: ICSA Acquired: 11/12/2007 14:38:53 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.24093**	**234680.**	**.93095**	**-2.7584**	**1.3405**	**228960.**
Stddev	.16672	19057.	.11191	.0509	.1562	11462.
%RSD	69.201	8.1205	12.021	1.8457	11.653	5.0062
#1	.35882	221200.	.85182	-2.7224	1.2301	220850.
#2	.12304	248150.	1.0101	-2.7944	1.4510	237060.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.6509**	**3.3561**	**46.056**	**26.243**	**89338.**	**-85.284**
Stddev	.0913	.1454	.432	.770	7197.	26.557
%RSD	5.5328	4.3335	.93792	2.9331	8.0556	31.140
#1	1.5863	3.4589	46.362	26.787	84249.	-66.505
#2	1.7155	3.2532	45.751	25.698	94426.	-104.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/12/2007 14:38:53 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**243990.**	**17.476**	**739.28**	**19.976**	**8.2953**	**-3.1428**
Stddev	19033.	.604	59.39	.308	3.0723	1.3000
%RSD	7.8007	3.4563	8.0336	1.5404	37.037	41.363
#1	230530.	17.904	697.29	19.758	10.468	-2.2236
#2	257450.	17.049	781.28	20.193	6.1228	-4.0620
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-8.1798**	**-1.8879**	**-.31947**	**26.022**
Stddev	1.1634	.5622	.01796	.828
%RSD	14.223	29.781	5.6231	3.1829
#1	-7.3571	-1.4903	-.33217	26.608
#2	-9.0024	-2.2855	-.30677	25.436
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/12/2007 14:38:53 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5982.4**	**8034.5**	**113840.**	**22627.**
Stddev	4.4	4.2	67.	1352.
%RSD	.07273	.05178	.05929	5.9731
#1	5979.3	8031.5	113890.	23583.
#2	5985.5	8037.4	113790.	21671.

Sample Name: ICSAB Acquired: 11/12/2007 14:41:40 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**220.57**	**249060.**	**97.148**	**504.78**	**478.51**	**238870.**
Stddev	.34	6465.	.668	12.96	12.22	3809.
%RSD	.15612	2.5959	.68798	2.5664	2.5527	1.5945
#1	220.33	244490.	96.675	495.62	469.87	236170.
#2	220.82	253630.	97.620	513.94	487.15	241560.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**971.29**	**529.73**	**558.97**	**551.85**	**94885.**	**-84.133**
Stddev	1.19	.84	1.36	.31	2498.	25.181
%RSD	.12201	.15926	.24405	.05696	2.6322	29.930
#1	972.12	530.32	559.94	551.63	93119.	-66.327
#2	970.45	529.13	558.01	552.07	96651.	-101.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/12/2007 14:41:40 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**255070.**	**549.45**	**779.95**	**1082.1**	**62.924**	**558.83**
Stddev	7023.	.06	22.90	1.9	.665	13.53
%RSD	2.7534	.01088	2.9354	.17291	1.0569	2.4207
#1	250110.	549.40	763.76	1083.4	63.394	549.26
#2	260040.	549.49	796.14	1080.8	62.454	568.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**52.411**	**97.080**	**524.42**	**1111.8**
Stddev	.030	.450	.67	1.2
%RSD	.05808	.46380	.12746	.10805
#1	52.432	96.761	524.89	1112.6
#2	52.389	97.398	523.95	1110.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/12/2007 14:41:40 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5977.9**	**8126.2**	**113050.**	**21634.**
Stddev	4.9	12.8	84.	529.
%RSD	.08276	.15712	.07450	2.4459
#1	5981.4	8135.3	113110.	22008.
#2	5974.4	8117.2	112990.	21259.

Sample Name: CCV Acquired: 11/12/2007 14:44:21 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**617.50**	**5122.7**	**245.80**	**4932.6**	**124.15**	**12958.**
Stddev	3.85	29.8	.49	18.0	.89	53.
%RSD	.62314	.58095	.19843	.36474	.71883	.41243
#1	614.78	5101.7	246.14	4919.9	123.52	12920.
#2	620.22	5143.8	245.45	4945.3	124.79	12996.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**122.91**	**1237.2**	**505.12**	**596.61**	**2570.2**	**12317.**
Stddev	.24	3.2	4.17	2.95	7.3	22.
%RSD	.19176	.25853	.82633	.49416	.28337	.18047
#1	123.08	1239.4	502.17	594.52	2565.0	12301.
#2	122.75	1234.9	508.07	598.69	2575.3	12332.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/12/2007 14:44:21 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**13048.**	**1272.1**	**12393.**	**1249.7**	**248.39**	**1180.8**
Stddev	73.	9.2	46.	3.2	.34	12.2
%RSD	.55694	.72209	.36828	.25424	.13640	1.0324
#1	12996.	1265.6	12361.	1252.0	248.63	1172.1
#2	13099.	1278.6	12426.	1247.5	248.15	1189.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**242.31**	**245.78**	**1242.9**	**1289.2**
Stddev	1.27	.26	8.4	3.8
%RSD	.52242	.10498	.67426	.29436
#1	243.20	245.97	1237.0	1291.9
#2	241.41	245.60	1248.8	1286.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/12/2007 14:44:21 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7014.6**	**8862.3**	**124070.**	**20844.**
Stddev	8.1	11.5	707.	150.
%RSD	.11497	.13025	.56997	.71965
#1	7008.9	8854.1	124580.	20950.
#2	7020.3	8870.5	123570.	20738.

Sample Name: CCB Acquired: 11/12/2007 14:46:57 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.0305**	**87.455**	**1.3238**	**7.9006**	**.44693**	**110.85**
Stddev	.1001	1.803	.1105	.2813	.00277	1.65
%RSD	9.7125	2.0611	8.3477	3.5600	.61881	1.4924
#1	.95972	88.730	1.2457	8.0995	.44497	112.02
#2	1.1013	86.181	1.4020	7.7017	.44888	109.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.46443**	**1.9196**	**1.3672**	**1.4468**	**42.581**	**36.526**
Stddev	.07028	.1186	.2074	.1784	.280	9.621
%RSD	15.133	6.1780	15.170	12.332	.65731	26.340
#1	.41473	1.8357	1.2206	1.3207	42.383	29.723
#2	.51412	2.0034	1.5139	1.5730	42.779	43.330
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/12/2007 14:46:57 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**107.58**	**2.4623**	**26.787**	**1.8746**	**1.2103**	**17.338**
Stddev	4.80	.0641	1.269	.0567	.1148	5.163
%RSD	4.4577	2.6047	4.7374	3.0240	9.4811	29.777
#1	110.97	2.4169	25.889	1.9147	1.1292	20.989
#2	104.19	2.5076	27.684	1.8345	1.2914	13.688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**.69066**	**.21422**	**2.0099**	**2.6999**
Stddev	.89420	.17602	.0415	.0692
%RSD	129.47	82.165	2.0640	2.5625
#1	1.3229	.33869	1.9806	2.7488
#2	.05836	.08976	2.0393	2.6509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/12/2007 14:46:57 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7274.5**	**8894.4**	**126140.**	**21039.**
Stddev	5.4	6.7	2576.	260.
%RSD	.07409	.07561	2.0424	1.2361
#1	7278.3	8899.2	127960.	20855.
#2	7270.7	8889.7	124320.	21223.

Sample Name: ICPBLKQ2 Acquired: 11/12/2007 14:49:42 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSQ2 Dilution: 1 Operator: SRV
Comment: 121

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.31456**	**14.707**	**-.08516**	**.48609**	**.04790**	**56.467**
Stddev	.39633	.425	.35670	.18132	.00666	3.392
%RSD	126.00	2.8898	418.84	37.301	13.907	6.0077
#1	-.59481	15.007	.16706	.61430	.04319	58.866
#2	-.03431	14.406	-.33738	.35788	.05261	54.068
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.02137**	**.03218**	**.46161**	**1.7323**	**12.982**	**12.652**
Stddev	.06161	.03886	.17031	.0225	1.273	19.256
%RSD	288.37	120.74	36.896	1.2976	9.8082	152.20
#1	.02220	.05966	.58204	1.7482	12.082	-.96410
#2	-.06493	.00471	.34118	1.7164	13.883	26.268
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ICPBLKQ2 Acquired: 11/12/2007 14:49:42 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSQ2 Dilution: 1 Operator: SRV
Comment: 121

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**31.330**	**.32352**	**2.2242**	**-.10955**	**-.34809**	**-2.3034**
Stddev	8.195	.00364	1.5390	.03260	.03330	.5244
%RSD	26.157	1.1249	69.192	29.757	9.5655	22.765
#1	37.125	.32610	1.1360	-.13260	-.37163	-1.9326
#2	25.535	.32095	3.3124	-.08650	-.32455	-2.6742
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-.61339**	**.67644**	**-.04005**	**.46168**
Stddev	1.1385	.47036	.14191	.06949
%RSD	185.61	69.534	354.33	15.052
#1	.19164	1.0090	.06029	.51082
#2	-1.4184	.34384	-.14039	.41254
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICPBLKQ2 Acquired: 11/12/2007 14:49:42 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSQ2 Dilution: 1 Operator: SRV
Comment: 121

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7353.0**	**8967.3**	**124950.**	**21287.**
Stddev	2.5	15.9	12.	189.
%RSD	.03398	.17701	.00946	.88562
#1	7354.8	8956.1	124940.	21154.
#2	7351.3	8978.6	124960.	21420.

Sample Name: ICPLCSQ2 Acquired: 11/12/2007 14:52:28 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSQ2 Dilution: 1 Operator: SRV
Comment: 122

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**51.968**	**984.24**	**2203.2**	**10.931**	**45.723**	**423580.**
Stddev	.009	58.31	11.9	.676	2.771	17002.
%RSD	.01822	5.9245	.54239	6.1838	6.0602	4.0139
#1	51.961	943.01	2194.7	10.453	43.763	411550.
#2	51.975	1025.5	2211.6	11.409	47.682	435600.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**110.50**	**378.37**	**279.33**	**17380.**	**54692.**	**133.53**
Stddev	.28	1.18	1.85	62.	3428.	5.44
%RSD	.25480	.31160	.66367	.35715	6.2678	4.0715
#1	110.30	377.54	280.65	17424.	52268.	129.69
#2	110.70	379.21	278.02	17336.	57116.	137.38
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ICPLCSQ2 Acquired: 11/12/2007 14:52:28 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSQ2 Dilution: 1 Operator: SRV
Comment: 122

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**272470.**	**617.62**	**209.40**	**154.36**	**532.25**	**540.07**
Stddev	17212.	1.83	17.27	.28	4.06	.82
%RSD	6.3171	.29642	8.2497	.18263	.76280	.15107
#1	260300.	618.92	197.19	154.16	529.38	540.65
#2	284640.	616.33	221.62	154.56	535.12	539.50
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**87.412**	**82.926**	**174.61**	**437.08**
Stddev	.024	2.276	.45	2.67
%RSD	.02693	2.7450	.25518	.61002
#1	87.396	81.317	174.93	435.20
#2	87.429	84.536	174.30	438.97
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICPLCSQ2 Acquired: 11/12/2007 14:52:28 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSQ2 Dilution: 1 Operator: SRV
Comment: 122

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5742.0**	**7673.5**	**108830.**	**20935.**
Stddev	3.7	10.2	348.	926.
%RSD	.06433	.13311	.32011	4.4238
#1	5739.4	7666.3	108580.	21590.
#2	5744.6	7680.7	109080.	20280.

Sample Name: 0008708-01 Acquired: 11/12/2007 14:55:16 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H0 Dilution: 1 Operator: SRV
Comment: 123

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**5.2456**	**97543.**	**71.633**	**1262.9**	**2.7937**	**85784.**
Stddev	.4305	5845.	.230	72.4	.1419	5107.
%RSD	8.2063	5.9927	.32082	5.7354	5.0776	5.9536
#1	5.5500	93410.	71.470	1211.7	2.6934	82173.
#2	4.9412	101680.	71.795	1314.1	2.8940	89395.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**7.2857**	**93.959**	**134.03**	**195.95**	**118740.**	**20089.**
Stddev	.0222	.192	.35	.73	5250.	1241.
%RSD	.30495	.20417	.26306	.37188	4.4209	6.1776
#1	7.3014	93.824	134.28	196.47	115030.	19211.
#2	7.2700	94.095	133.78	195.44	122460.	20966.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-01 Acquired: 11/12/2007 14:55:16 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H0 Dilution: 1 Operator: SRV
Comment: 123

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**26850.**	**7366.5**	**2396.6**	**102.53**	**511.78**	**6.7738**
Stddev	1720.	6.8	151.2	.47	1.54	1.7212
%RSD	6.4052	.09247	6.3095	.45804	.30061	25.409
#1	25634.	7361.7	2289.7	102.19	510.70	7.9909
#2	28066.	7371.3	2503.5	102.86	512.87	5.5567
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**5.2458**	**-.91919**	**255.57**	**1012.3**
Stddev	1.5680	.16509	.57	3.5
%RSD	29.891	17.960	.22121	.34149
#1	6.3545	-1.0359	255.17	1009.9
#2	4.1370	-.80245	255.97	1014.8
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-01 Acquired: 11/12/2007 14:55:16 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H0 Dilution: 1 Operator: SRV
Comment: 123

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6277.9**	**8770.4**	**123360.**	**22852.**
Stddev	15.1	26.4	486.	1090.
%RSD	.24099	.30048	.39357	4.7687
#1	6267.2	8751.8	123020.	23623.
#2	6288.6	8789.0	123710.	22081.

Sample Name: 0008708-02 Acquired: 11/12/2007 14:58:09 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H1 Dilution: 1 Operator: SRV
Comment: 124

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**61.831**	**164010.**	**390.64**	**2001.2**	**5.4026**	**42965.**
Stddev	.490	4809.	.39	57.5	.1903	1102.
%RSD	.79253	2.9321	.10071	2.8740	3.5228	2.5649
#1	62.178	160610.	390.36	1960.5	5.2680	42186.
#2	61.485	167410.	390.92	2041.9	5.5372	43744.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**51.816**	**120.22**	**221.61**	**922.63**	**179680.**	**28744.**
Stddev	.087	.17	.44	2.09	1847.	769.
%RSD	.16710	.14086	.19759	.22686	1.0279	2.6743
#1	51.878	120.10	221.30	921.15	178380.	28201.
#2	51.755	120.34	221.92	924.11	180990.	29288.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-02 Acquired: 11/12/2007 14:58:09 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H1 Dilution: 1 Operator: SRV
Comment: 124

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**37386.**	**9057.6**	**1284.1**	**161.18**	**7312.5**	**306.86**
Stddev	1041.	9.6	38.8	.88	6.9	.79
%RSD	2.7844	.10649	3.0248	.54600	.09414	.25594
#1	36650.	9050.7	1256.7	161.81	7307.6	307.41
#2	38123.	9064.4	1311.6	160.56	7317.3	306.30
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**6.4975**	**14.501**	**388.25**	**8315.1**
Stddev	.5877	.374	.15	29.4
%RSD	9.0454	2.5774	.03927	.35329
#1	6.9131	14.236	388.36	8294.4
#2	6.0820	14.765	388.15	8335.9
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-02 Acquired: 11/12/2007 14:58:09 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H1 Dilution: 1 Operator: SRV
Comment: 124

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6232.6**	**9279.2**	**128570.**	**23660.**
Stddev	25.8	38.4	666.	335.
%RSD	.41341	.41378	.51806	1.4150
#1	6214.3	9252.1	128100.	23897.
#2	6250.8	9306.4	129040.	23423.

Sample Name: 0008708-03 Acquired: 11/12/2007 15:00:58 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H2 Dilution: 1 Operator: SRV
Comment: 125

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**6.3044**	**182370.**	**98.465**	**1987.3**	**5.9625**	**54702.**
Stddev	.0727	6061.	.816	60.8	.1038	1672.
%RSD	1.1537	3.3235	.82908	3.0585	1.7415	3.0564
#1	6.3558	178080.	99.042	1944.3	5.8891	53520.
#2	6.2530	186650.	97.888	2030.3	6.0359	55884.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12.353**	**120.41**	**238.84**	**304.57**	**195320.**	**41888.**
Stddev	.055	.16	.03	.03	4441.	1263.
%RSD	.44188	.13386	.01112	.00976	2.2735	3.0141
#1	12.315	120.53	238.82	304.59	192180.	40995.
#2	12.392	120.30	238.86	304.55	198460.	42780.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-03 Acquired: 11/12/2007 15:00:58 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H2 Dilution: 1 Operator: SRV
Comment: 125

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**53184.**	**6724.7**	**2416.5**	**176.02**	**1166.8**	**41.461**
Stddev	1687.	15.9	56.2	.08	4.6	1.028
%RSD	3.1727	.23591	2.3273	.04821	.39521	2.4801
#1	51991.	6713.5	2376.7	175.96	1170.1	42.188
#2	54377.	6735.9	2456.2	176.08	1163.6	40.734
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-1.1889**	**1.2134**	**397.44**	**2169.0**
Stddev	1.8464	.9692	.25	1.1
%RSD	155.30	79.876	.06245	.05176
#1	-2.4945	.52808	397.62	2169.8
#2	.11668	1.8988	397.27	2168.2
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-03 Acquired: 11/12/2007 15:00:58 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H2 Dilution: 1 Operator: SRV
Comment: 125

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6134.8**	**9278.1**	**129510.**	**23653.**
Stddev	23.6	25.9	9.	425.
%RSD	.38497	.27890	.00676	1.7974
#1	6118.1	9259.8	129510.	23954.
#2	6151.5	9296.4	129520.	23353.

Sample Name: 0008708-04 Acquired: 11/12/2007 15:03:49 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H3 Dilution: 1 Operator: SRV
Comment: 126

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**136.26**	**128720.**	**756.63**	**1359.0**	**4.2444**	**40656.**
Stddev	.66	18091.	.76	186.6	.5359	5498.
%RSD	.48214	14.055	.10102	13.729	12.626	13.524
#1	136.72	115920.	756.09	1227.0	3.8654	36768.
#2	135.80	141510.	757.17	1490.9	4.6233	44544.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**91.608**	**95.119**	**185.21**	**1733.2**	**142710.**	**29448.**
Stddev	.367	.135	.32	1.5	13844.	3881.
%RSD	.40090	.14198	.17252	.08831	9.7005	13.179
#1	91.349	95.215	184.98	1734.2	132920.	26704.
#2	91.868	95.024	185.43	1732.1	152500.	32192.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-04 Acquired: 11/12/2007 15:03:49 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H3 Dilution: 1 Operator: SRV
Comment: 126

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**35577.**	**8723.2**	**962.31**	**143.10**	**17536.**	**658.93**
Stddev	4859.	9.5	122.77	.42	23.	.53
%RSD	13.657	.10841	12.758	.29593	.13077	.08103
#1	32141.	8716.5	875.50	143.40	17520.	658.55
#2	39012.	8729.9	1049.1	142.80	17552.	659.31
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**11.764**	**26.872**	**289.76**	**16735.**
Stddev	.588	.915	.66	7.
%RSD	4.9949	3.4032	.22925	.04012
#1	12.180	26.226	289.29	16730.
#2	11.349	27.519	290.23	16740.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-04 Acquired: 11/12/2007 15:03:49 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H3 Dilution: 1 Operator: SRV
Comment: 126

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6274.0**	**9159.4**	**128080.**	**25181.**
Stddev	19.3	29.3	405.	2534.
%RSD	.30730	.31991	.31597	10.061
#1	6260.4	9138.7	127800.	26973.
#2	6287.6	9180.2	128370.	23390.

Sample Name: 0008708-05 Acquired: 11/12/2007 15:06:37 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H4 Dilution: 1 Operator: SRV
Comment: 127

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**164.48**	**149900.**	**904.52**	**1600.4**	**5.1797**	**45007.**
Stddev	.83	17176.	.87	180.4	.5272	5004.
%RSD	.50659	11.458	.09577	11.274	10.177	11.117
#1	165.07	137750.	905.13	1472.8	4.8069	41469.
#2	163.89	162040.	903.90	1728.0	5.5524	48545.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**98.211**	**106.69**	**216.89**	**2103.2**	**165800.**	**29758.**
Stddev	.217	.17	.06	2.1	13826.	3224.
%RSD	.22090	.16349	.02947	.09904	8.3389	10.834
#1	98.057	106.81	216.93	2101.7	156030.	27478.
#2	98.364	106.56	216.84	2104.6	175580.	32038.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-05 Acquired: 11/12/2007 15:06:37 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H4 Dilution: 1 Operator: SRV
Comment: 127

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**41618.**	**8234.9**	**1227.6**	**167.65**	**20492.**	**755.39**
Stddev	4687.	53.2	135.0	.69	24.	1.29
%RSD	11.262	.64581	10.996	.41270	.11489	.17124
#1	38304.	8197.3	1132.1	167.16	20475.	756.31
#2	44933.	8272.5	1323.1	168.14	20509.	754.48
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**13.010**	**27.438**	**340.40**	**18135.**
Stddev	.380	1.446	.53	58.
%RSD	2.9170	5.2699	.15537	.31791
#1	12.742	26.415	340.02	18094.
#2	13.279	28.460	340.77	18176.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-05 Acquired: 11/12/2007 15:06:37 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H4 Dilution: 1 Operator: SRV
Comment: 127

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6186.7**	**9278.7**	**129690.**	**25509.**
Stddev	9.4	23.0	79.	2172.
%RSD	.15245	.24740	.06054	8.5139
#1	6180.0	9262.5	129750.	27044.
#2	6193.4	9295.0	129640.	23973.

Sample Name: 0008708-06 Acquired: 11/12/2007 15:09:27 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H5 Dilution: 1 Operator: SRV
Comment: 128

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**9.9548**	**142150.**	**101.90**	**1696.2**	**4.6611**	**50150.**
Stddev	.0027	16311.	.67	188.6	.5620	5772.
%RSD	.02761	11.474	.65771	11.120	12.057	11.508
#1	9.9568	130620.	101.43	1562.8	4.2637	46069.
#2	9.9529	153680.	102.37	1829.5	5.0585	54231.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**16.669**	**109.86**	**195.76**	**299.45**	**154490.**	**39867.**
Stddev	.150	.32	.85	.46	12058.	4470.
%RSD	.89845	.28751	.43452	.15431	7.8052	11.213
#1	16.564	110.09	195.16	299.77	145960.	36706.
#2	16.775	109.64	196.36	299.12	163010.	43028.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-06 Acquired: 11/12/2007 15:09:27 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H5 Dilution: 1 Operator: SRV
Comment: 128

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**39723.**	**7545.3**	**1409.6**	**154.38**	**1401.2**	**39.107**
Stddev	4666.	30.7	150.1	.35	7.1	1.232
%RSD	11.747	.40679	10.650	.22819	.50325	3.1492
#1	36423.	7567.0	1303.4	154.13	1406.2	39.978
#2	43023.	7523.6	1515.7	154.63	1396.3	38.236
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-.95926**	**4.9918**	**374.96**	**3400.2**
Stddev	.95918	1.2482	1.22	2.3
%RSD	99.992	25.005	.32654	.06861
#1	-1.6375	5.8744	375.82	3398.5
#2	-.28102	4.1092	374.09	3401.8
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-06 Acquired: 11/12/2007 15:09:27 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H5 Dilution: 1 Operator: SRV
Comment: 128

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6223.2**	**9143.9**	**127490.**	**25098.**
Stddev	24.8	36.7	763.	2253.
%RSD	.39814	.40189	.59818	8.9776
#1	6205.7	9117.9	126950.	26691.
#2	6240.7	9169.9	128030.	23505.

Sample Name: 0008708-07 Acquired: 11/12/2007 15:12:18 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H6 Dilution: 1 Operator: SRV
Comment: 129

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**25.966**	**134130.**	**204.03**	**1294.0**	**4.5387**	**43439.**
Stddev	.383	14450.	1.07	136.2	.4456	4586.
%RSD	1.4761	10.773	.52386	10.524	9.8170	10.558
#1	25.695	123920.	203.27	1197.7	4.2236	40196.
#2	26.237	144350.	204.78	1390.3	4.8538	46682.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**32.089**	**86.019**	**176.26**	**526.42**	**140040.**	**27185.**
Stddev	.177	.309	.30	.08	12093.	2735.
%RSD	.55242	.35898	.16826	.01560	8.6357	10.062
#1	31.964	86.238	176.05	526.48	131490.	25251.
#2	32.215	85.801	176.47	526.36	148590.	29119.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-07 Acquired: 11/12/2007 15:12:18 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H6 Dilution: 1 Operator: SRV
Comment: 129

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**35672.**	**5560.2**	**1029.7**	**133.44**	**3805.6**	**135.88**
Stddev	3695.	1.1	110.2	.30	1.3	1.34
%RSD	10.358	.01915	10.702	.22808	.03324	.98624
#1	33059.	5560.9	951.82	133.23	3804.7	136.82
#2	38285.	5559.4	1107.7	133.66	3806.5	134.93
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**3.4048**	**5.6839**	**283.80**	**5515.6**
Stddev	3.0403	.2198	.30	11.8
%RSD	89.294	3.8666	.10441	.21479
#1	5.5546	5.5285	283.59	5507.2
#2	1.2550	5.8393	284.01	5524.0
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-07 Acquired: 11/12/2007 15:12:18 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H6 Dilution: 1 Operator: SRV
Comment: 129

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6299.3**	**9138.5**	**127950.**	**24813.**
Stddev	10.5	22.0	113.	2042.
%RSD	.16620	.24082	.08827	8.2276
#1	6291.9	9122.9	127870.	26257.
#2	6306.7	9154.0	128030.	23370.

Sample Name: BLANK Acquired: 11/12/2007 15:15:07 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.43849**	**99.975**	**1.2998**	**1.6327**	**.00293**	**59.485**
Stddev	.34670	3.297	.3064	.0453	.02894	.444
%RSD	79.067	3.2979	23.570	2.7756	987.70	.74623
#1	-.19334	97.644	1.5164	1.6648	-.01753	59.171
#2	-.68364	102.31	1.0832	1.6007	.02339	59.799
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.03573**	**.05700**	**.60233**	**1.2692**	**132.64**	**-11.383**
Stddev	.00064	.09212	.03246	.0408	2.14	4.252
%RSD	1.8008	161.62	5.3897	3.2177	1.6126	37.357
#1	.03619	.12214	.62528	1.2403	134.16	-14.390
#2	.03528	-.00814	.57937	1.2980	131.13	-8.3762
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/12/2007 15:15:07 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**30.269**	**8.3996**	**5.8162**	**-.01912**	**9.5027**	**-6.7597**
Stddev	.169	1.8155	2.7750	.10962	1.5271	.0823
%RSD	.55708	21.614	47.712	573.18	16.070	1.2171
#1	30.388	7.1159	3.8540	-.09664	10.583	-6.7015
#2	30.150	9.6834	7.7785	.05839	8.4229	-6.8179
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-1.0680**	**-.64350**	**.01940**	**13.072**
Stddev	.4542	.47361	.15963	1.163
%RSD	42.528	73.598	822.85	8.8943
#1	-1.3892	-.97839	.13228	13.894
#2	-.74683	-.30861	-.09348	12.250
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/12/2007 15:15:07 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7412.4**	**9198.1**	**127180.**	**21087.**
Stddev	1.8	21.6	585.	77.
%RSD	.02471	.23464	.46021	.36585
#1	7413.7	9213.3	127600.	21033.
#2	7411.1	9182.8	126770.	21142.

Sample Name: CCV Acquired: 11/12/2007 15:17:50 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**627.24**	**4949.4**	**245.59**	**4718.7**	**117.92**	**12528.**
Stddev	3.38	41.8	.69	37.5	.65	81.
%RSD	.53935	.84445	.28266	.79555	.55453	.64366
#1	629.64	4919.9	245.10	4692.1	117.45	12471.
#2	624.85	4979.0	246.08	4745.2	118.38	12585.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**122.67**	**1246.4**	**513.96**	**612.46**	**2440.2**	**11763.**
Stddev	.18	2.9	3.81	2.35	16.3	78.
%RSD	.15078	.23433	.74112	.38391	.66600	.66002
#1	122.80	1248.5	516.66	614.12	2428.7	11708.
#2	122.54	1244.3	511.27	610.80	2451.6	11818.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/12/2007 15:17:50 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12700.**	**1308.7**	**12098.**	**1256.8**	**253.45**	**1137.9**
Stddev	131.	4.4	86.	1.2	.75	27.0
%RSD	1.0330	.33377	.71331	.09793	.29626	2.3737
#1	12607.	1311.8	12037.	1257.7	252.91	1118.8
#2	12793.	1305.6	12159.	1255.9	253.98	1157.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**243.09**	**248.17**	**1287.0**	**1305.1**
Stddev	.28	.88	6.0	.2
%RSD	.11603	.35464	.46530	.01636
#1	242.89	248.79	1291.2	1304.9
#2	243.29	247.54	1282.7	1305.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/12/2007 15:17:50 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7075.7**	**8988.2**	**122880.**	**21583.**
Stddev	2.5	4.1	92.	142.
%RSD	.03541	.04552	.07510	.65981
#1	7077.5	8985.3	122950.	21684.
#2	7073.9	8991.1	122820.	21483.

Sample Name: CCB Acquired: 11/12/2007 15:20:26 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.27380**	**25.563**	**.50362**	**2.4085**	**.14845**	**34.733**
Stddev	.05291	13.034	.45923	.1253	.00603	.906
%RSD	19.325	50.987	91.186	5.2010	4.0596	2.6086
#1	-.31121	34.780	.82834	2.4971	.15271	35.374
#2	-.23638	16.347	.17890	2.3200	.14419	34.093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.00064**	**.57606**	**.79019**	**.30975**	**9.2360**	**-10.733**
Stddev	.01948	.11201	.10594	.08679	.4050	17.303
%RSD	3029.6	19.443	13.406	28.018	4.3853	161.21
#1	.01313	.65526	.71528	.24838	9.5224	-22.968
#2	-.01442	.49686	.86510	.37112	8.9496	1.5020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/12/2007 15:20:26 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**14.222**	**.55783**	**9.6586**	**.47062**	**.37223**	**14.398**
Stddev	3.350	.07173	2.6868	.02378	.17068	3.105
%RSD	23.553	12.858	27.818	5.0530	45.854	21.566
#1	11.853	.60854	7.7587	.45381	.49292	16.594
#2	16.590	.50711	11.558	.48744	.25154	12.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-.01486**	**.32741**	**.61959**	**.75277**
Stddev	1.9788	.04792	.05262	.00410
%RSD	13312.	14.635	8.4934	.54454
#1	1.3843	.29353	.58238	.75567
#2	-1.4141	.36130	.65680	.74988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/12/2007 15:20:26 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7248.4**	**8948.7**	**125630.**	**20911.**
Stddev	133.4	150.8	2.	795.
%RSD	1.8398	1.6855	.00146	3.8003
#1	7154.1	8842.0	125620.	20350.
#2	7342.7	9055.3	125630.	21473.

Sample Name: 0008708-08 Acquired: 11/12/2007 15:23:12 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7 Dilution: 1 Operator: SRV
Comment: 130

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**124.16**	**129270.**	**690.27**	**1735.0**	**3.9623**	**63117.**
Stddev	.40	17276.	2.27	224.0	.4221	8380.
%RSD	.32164	13.365	.32837	12.908	10.653	13.276
#1	124.44	117050.	691.87	1576.6	3.6638	57191.
#2	123.88	141490.	688.67	1893.4	4.2608	69042.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**102.80**	**107.84**	**171.34**	**1877.1**	**134080.**	**22620.**
Stddev	.11	.13	.08	.1	12534.	2847.
%RSD	.10882	.11894	.04457	.00428	9.3482	12.587
#1	102.88	107.93	171.39	1877.2	125220.	20607.
#2	102.73	107.74	171.28	1877.0	142940.	24634.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-08 Acquired: 11/12/2007 15:23:12 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7 Dilution: 1 Operator: SRV
Comment: 130

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**33912.**	**12794.**	**3552.4**	**144.64**	**19035.**	**701.28**
Stddev	4617.	5.	449.6	.16	4.	3.49
%RSD	13.615	.03705	12.656	.10966	.01971	.49815
#1	30648.	12790.	3234.5	144.53	19033.	703.75
#2	37177.	12797.	3870.4	144.75	19038.	698.81
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**18.962**	**14.265**	**269.89**	**15064.**
Stddev	3.618	.896	.41	17.
%RSD	19.079	6.2833	.15221	.11484
#1	21.520	14.899	269.60	15052.
#2	16.403	13.632	270.18	15077.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-08 Acquired: 11/12/2007 15:23:12 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7 Dilution: 1 Operator: SRV
Comment: 130

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6163.3**	**8971.8**	**124240.**	**24403.**
Stddev	37.3	61.3	460.	2432.
%RSD	.60584	.68274	.37024	9.9676
#1	6136.8	8928.5	123920.	26123.
#2	6189.7	9015.1	124570.	22683.

Sample Name: 0008708-08D Acquired: 11/12/2007 15:26:01 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7D Dilution: 1 Operator: SRV
Comment: 131

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**123.78**	**137510.**	**688.28**	**1830.3**	**4.1847**	**67016.**
Stddev	.00	9230.	.05	117.5	.2925	4591.
%RSD	.00357	6.7124	.00780	6.4191	6.9907	6.8509
#1	123.78	130980.	688.24	1747.3	3.9778	63769.
#2	123.77	144030.	688.31	1913.4	4.3915	70262.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**102.79**	**107.80**	**174.47**	**1866.9**	**140350.**	**24039.**
Stddev	.05	.13	.38	1.2	8515.	1614.
%RSD	.04881	.12196	.21748	.06212	6.0667	6.7130
#1	102.75	107.90	174.74	1866.1	134330.	22898.
#2	102.82	107.71	174.21	1867.7	146370.	25181.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-08D Acquired: 11/12/2007 15:26:01 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7D Dilution: 1 Operator: SRV
Comment: 131

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**36086.**	**12851.**	**3716.3**	**145.88**	**19087.**	**699.12**
Stddev	2505.	17.	244.3	.03	18.	4.97
%RSD	6.9413	.12840	6.5733	.02254	.09282	.71088
#1	34315.	12839.	3543.6	145.85	19099.	702.63
#2	37858.	12863.	3889.0	145.90	19074.	695.60
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**18.795**	**12.942**	**270.46**	**15127.**
Stddev	.557	.319	.08	12.
%RSD	2.9632	2.4662	.03057	.07610
#1	18.401	12.716	270.40	15135.
#2	19.189	13.168	270.52	15119.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-08D Acquired: 11/12/2007 15:26:01 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7D Dilution: 1 Operator: SRV
Comment: 131

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6222.6**	**9085.7**	**126100.**	**23511.**
Stddev	2.5	12.1	128.	1226.
%RSD	.03962	.13349	.10136	5.2124
#1	6220.8	9077.1	126190.	24378.
#2	6224.3	9094.2	126010.	22645.

Sample Name: 0008708-08S Acquired: 11/12/2007 15:28:50 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7S Dilution: 1 Operator: SRV
Comment: 132

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**201.76**	**134490.**	**765.13**	**5448.1**	**88.445**	**62979.**
Stddev	.63	6504.	.15	151.7	4.442	3088.
%RSD	.31024	4.8363	.01916	2.7851	5.0224	4.9026
#1	201.32	129890.	765.02	5340.8	85.304	60796.
#2	202.21	139080.	765.23	5555.4	91.586	65163.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**188.16**	**1132.9**	**536.29**	**2231.8**	**140370.**	**22903.**
Stddev	.14	.5	1.15	3.0	7628.	1094.
%RSD	.07575	.04802	.21482	.13457	5.4341	4.7772
#1	188.26	1133.3	535.47	2233.9	134970.	22129.
#2	188.06	1132.6	537.10	2229.7	145760.	23677.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-08S Acquired: 11/12/2007 15:28:50 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7S Dilution: 1 Operator: SRV
Comment: 132

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**35018.**	**12769.**	**3757.9**	**1163.4**	**19381.**	**833.41**
Stddev	1758.	44.	175.1	1.1	12.	2.42
%RSD	5.0216	.34729	4.6595	.09714	.06369	.29069
#1	33774.	12738.	3634.0	1162.6	19389.	835.12
#2	36261.	12800.	3881.7	1164.2	19372.	831.70
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**98.393**	**104.22**	**1200.4**	**15716.**
Stddev	2.635	.16	.2	13.
%RSD	2.6779	.15821	.01671	.08429
#1	100.26	104.10	1200.2	15706.
#2	96.530	104.33	1200.5	15725.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-08S Acquired: 11/12/2007 15:28:50 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7S Dilution: 1 Operator: SRV
Comment: 132

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6261.2**	**9123.7**	**126920.**	**23002.**
Stddev	10.5	26.2	243.	869.
%RSD	.16729	.28728	.19110	3.7794
#1	6253.8	9105.2	127090.	23617.
#2	6268.6	9142.3	126750.	22387.

Sample Name: 0008708-08L Acquired: 11/12/2007 15:31:43 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7L Dilution: 5 Operator: SRV
Comment: 133

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**27.476**	**31248.**	**153.85**	**418.81**	**1.1537**	**15843.**
Stddev	.594	175.	.36	1.94	.0496	81.
%RSD	2.1624	.55967	.23673	.46297	4.3010	.51079
#1	27.896	31372.	154.11	420.18	1.1187	15901.
#2	27.056	31124.	153.59	417.44	1.1888	15786.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**23.282**	**22.838**	**40.497**	**402.77**	**33607.**	**5524.3**
Stddev	.129	.110	.273	.98	153.	17.8
%RSD	.55346	.47987	.67368	.24225	.45385	.32197
#1	23.373	22.760	40.304	402.08	33715.	5511.7
#2	23.191	22.915	40.690	403.46	33499.	5536.9
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-08L Acquired: 11/12/2007 15:31:43 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7L Dilution: 5 Operator: SRV
Comment: 133

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**8533.7**	**3143.5**	**867.19**	**30.360**	**3977.6**	**151.17**
Stddev	26.4	13.8	8.81	.182	5.8	.09
%RSD	.30964	.43999	1.0162	.60085	.14664	.05841
#1	8552.4	3133.7	873.42	30.489	3981.7	151.24
#2	8515.1	3153.3	860.96	30.231	3973.5	151.11
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**4.7369**	**3.2645**	**61.426**	**3191.7**
Stddev	.6666	.1083	.082	14.3
%RSD	14.072	3.3181	.13272	.44724
#1	4.2655	3.3411	61.368	3201.8
#2	5.2082	3.1879	61.483	3181.6
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-08L Acquired: 11/12/2007 15:31:43 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7L Dilution: 5 Operator: SRV
Comment: 133

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6995.4**	**9117.4**	**126540.**	**21944.**
Stddev	8.5	2.8	341.	75.
%RSD	.12134	.03082	.26948	.34255
#1	6989.4	9115.5	126780.	21891.
#2	7001.4	9119.4	126300.	21997.

Sample Name: 0008708-09 Acquired: 11/12/2007 15:34:30 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H8 Dilution: 1 Operator: SRV
Comment: 134

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**31.962**	**17483.**	**345.27**	**514.72**	**.60840**	**416520.**
Stddev	.060	1594.	1.39	45.38	.05627	26938.
%RSD	.18911	9.1174	.40180	8.8164	9.2491	6.4673
#1	31.919	16356.	344.29	482.63	.56861	397470.
#2	32.005	18611.	346.25	546.81	.64819	435570.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**37.522**	**17.565**	**26.486**	**502.88**	**22749.**	**3599.5**
Stddev	.326	.072	.180	2.18	2056.	314.1
%RSD	.86865	.40881	.67974	.43410	9.0396	8.7265
#1	37.292	17.616	26.614	504.42	21295.	3377.4
#2	37.753	17.514	26.359	501.33	24204.	3821.7
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-09 Acquired: 11/12/2007 15:34:30 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H8 Dilution: 1 Operator: SRV
Comment: 134

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**16232.**	**8108.4**	**3696.8**	**27.967**	**3213.6**	**253.67**
Stddev	1468.	44.0	326.1	.162	7.1	1.30
%RSD	9.0455	.54314	8.8214	.58102	.22112	.51411
#1	15194.	8139.6	3466.2	27.852	3208.6	252.75
#2	17270.	8077.3	3927.4	28.082	3218.6	254.59
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**18.795**	**8.2167**	**37.940**	**6099.9**
Stddev	.348	.3848	.187	13.6
%RSD	1.8519	4.6830	.49315	.22334
#1	18.549	8.4888	38.073	6090.3
#2	19.042	7.9446	37.808	6109.5
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-09 Acquired: 11/12/2007 15:34:30 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H8 Dilution: 1 Operator: SRV
Comment: 134

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6123.2**	**8053.7**	**113880.**	**21724.**
Stddev	9.0	6.1	907.	1605.
%RSD	.14756	.07627	.79655	7.3865
#1	6116.8	8049.3	113240.	22859.
#2	6129.6	8058.0	114520.	20589.

Sample Name: BLANK Acquired: 11/12/2007 15:37:22 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.07352**	**103.20**	**.96568**	**1.8070**	**.01630**	**65.422**
Stddev	.19582	6.65	.36285	.1199	.03557	7.062
%RSD	266.37	6.4489	37.575	6.6351	218.26	10.795
#1	-.21198	107.90	.70911	1.8918	.04145	70.416
#2	.06495	98.490	1.2223	1.7223	-.00885	60.428
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.03882**	**-.06037**	**.65813**	**.89535**	**134.76**	**7.5954**
Stddev	.06929	.02975	.24164	.13166	5.89	13.289
%RSD	178.49	49.273	36.717	14.705	4.3742	174.96
#1	-.08781	-.03934	.82900	.98844	138.93	16.992
#2	.01018	-.08140	.48726	.80225	130.59	-1.8014
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/12/2007 15:37:22 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**27.488**	**6.9900**	**5.8792**	**-.28188**	**6.1033**	**-6.3858**
Stddev	8.481	.2026	.1104	.04731	.6470	.4527
%RSD	30.853	2.8989	1.8773	16.786	10.601	7.0889
#1	33.484	6.8468	5.8012	-.24842	5.6458	-6.7058
#2	21.491	7.1333	5.9573	-.31533	6.5609	-6.0657
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-.81452**	**-.11445**	**.10931**	**9.2873**
Stddev	.39205	.18986	.19390	1.0323
%RSD	48.132	165.89	177.39	11.116
#1	-.53730	-.24870	.24641	8.5573
#2	-1.0917	.01980	-.02780	10.017
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/12/2007 15:37:22 Type: Unk
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7485.9**	**9233.5**	**128250.**	**21130.**
Stddev	22.0	32.6	266.	714.
%RSD	.29367	.35321	.20727	3.3770
#1	7501.5	9256.6	128440.	20626.
#2	7470.4	9210.5	128060.	21635.

Sample Name: ZCRI Acquired: 11/12/2007 15:40:06 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.615**	**4.8902**	**10.182**	**.38840**	**5.1366**	**56.244**
Stddev	.266	4.0315	.450	.04258	.0450	4.899
%RSD	2.5050	82.440	4.4224	10.962	.87611	8.7100
#1	10.427	2.0395	10.500	.41851	5.1684	52.780
#2	10.803	7.7410	9.8634	.35829	5.1048	59.708
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**4.8662**	**53.745**	**11.151**	**26.734**	**8.8231**	**-17.988**
Stddev	.0239	.630	.395	.383	1.0200	35.342
%RSD	.49159	1.1721	3.5465	1.4330	11.561	196.47
#1	4.8832	54.190	11.431	26.463	8.1019	7.0023
#2	4.8493	53.299	10.872	27.005	9.5444	-42.979
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 11/12/2007 15:40:06 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-9.5347**	**18.798**	**6.6962**	**43.522**	F **17.612**	**39.221**
Stddev	15.103	.048	1.8198	.045	6.197	1.523
%RSD	158.40	.25795	27.177	.10416	35.187	3.8838
#1	-20.214	18.764	7.9830	43.554	13.230	38.144
#2	1.1445	18.833	5.4094	43.490	21.994	40.298
Check ?	None	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass
Value					10.000	
Range					50.000%	

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**32.205**	**26.061**	**54.541**	**70.644**
Stddev	1.476	.167	.453	1.144
%RSD	4.5828	.63951	.83128	1.6192
#1	33.249	25.943	54.862	71.453
#2	31.161	26.179	54.221	69.835
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 11/12/2007 15:40:06 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI Dilution: 1 Operator: SRV
Comment: 3

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7481.9**	**9209.4**	**127650.**	**21444.**
Stddev	60.2	48.4	73.	39.
%RSD	.80420	.52595	.05686	.18140
#1	7439.3	9175.1	127710.	21471.
#2	7524.4	9243.6	127600.	21416.

Sample Name: CRI Acquired: 11/12/2007 15:42:48 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.470**	**4.0423**	**10.472**	**.35089**	**5.2137**	**18.406**
Stddev	.312	.2922	.398	.09124	.0324	2.091
%RSD	2.9808	7.2278	3.8006	26.004	.62179	11.358
#1	10.250	4.2488	10.190	.41541	5.2367	19.884
#2	10.691	3.8357	10.753	.28637	5.1908	16.927
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**4.9386**	**53.698**	**11.810**	**26.870**	**5.1400**	**-17.443**
Stddev	.0377	.139	.222	.085	.2678	12.233
%RSD	.76274	.25967	1.8762	.31487	5.2096	70.130
#1	4.9652	53.797	11.967	26.810	4.9506	-8.7932
#2	4.9120	53.600	11.653	26.930	5.3293	-26.093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/12/2007 15:42:48 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**3.4167**	**18.084**	**7.1392**	**43.373**	**12.658**	**44.899**
Stddev	.1440	.045	3.5755	.012	.987	.993
%RSD	4.2157	.24650	50.083	.02852	7.7953	2.2125
#1	3.5186	18.115	4.6110	43.365	13.355	44.196
#2	3.3149	18.052	9.6675	43.382	11.960	45.601
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**34.796**	**26.413**	**54.705**	**69.754**
Stddev	1.150	.141	.930	.164
%RSD	3.3054	.53286	1.7000	.23475
#1	35.609	26.313	55.363	69.639
#2	33.983	26.512	54.047	69.870
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/12/2007 15:42:48 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7451.1**	**9155.3**	**126380.**	**20985.**
Stddev	12.1	21.2	421.	138.
%RSD	.16288	.23188	.33295	.65923
#1	7459.7	9170.3	126080.	20887.
#2	7442.5	9140.3	126680.	21082.

Sample Name: ICSA Acquired: 11/12/2007 15:45:28 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.49692**	**264520.**	**-.25084**	**-3.0678**	**1.4681**	**254230.**
Stddev	.22763	14462.	.15932	.1250	.0488	12130.
%RSD	45.809	5.4672	63.516	4.0747	3.3263	4.7714
#1	-.33596	274740.	-.36349	-3.1562	1.5026	262810.
#2	-.65788	254290.	-.13818	-2.9794	1.4336	245660.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.7657**	**3.1295**	**47.341**	**24.433**	**98519.**	**-120.34**
Stddev	.2345	.2441	.040	.127	5339.	34.55
%RSD	13.281	7.8004	.08353	.51912	5.4197	28.712
#1	1.9316	2.9569	47.313	24.344	102290.	-144.78
#2	1.5999	3.3022	47.369	24.523	94743.	-95.912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/12/2007 15:45:28 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**272050.**	**16.867**	**820.79**	**20.460**	**5.2248**	**-7.5042**
Stddev	15269.	.518	48.81	.225	3.6613	2.0622
%RSD	5.6125	3.0737	5.9467	1.1013	70.076	27.480
#1	282850.	16.500	855.30	20.619	2.6358	-6.0460
#2	261260.	17.233	786.28	20.301	7.8137	-8.9624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-10.886**	**-1.4927**	**-.54019**	**27.640**
Stddev	.356	.1049	.12041	.962
%RSD	3.2665	7.0284	22.290	3.4815
#1	-10.634	-1.4185	-.62533	26.960
#2	-11.137	-1.5669	-.45505	28.321
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/12/2007 15:45:28 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6049.4**	**8240.7**	**114480.**	**19905.**
Stddev	55.2	76.1	28.	1011.
%RSD	.91293	.92321	.02406	5.0802
#1	6088.4	8294.5	114500.	19190.
#2	6010.3	8186.9	114460.	20620.

Sample Name: ICSAB Acquired: 11/12/2007 15:48:15 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**220.67**	**247280.**	**95.586**	**497.49**	**471.34**	**240700.**
Stddev	3.31	10476.	1.824	21.32	19.62	6785.
%RSD	1.5001	4.2364	1.9087	4.2845	4.1616	2.8190
#1	223.01	239880.	96.876	482.42	457.47	235900.
#2	218.33	254690.	94.296	512.56	485.22	245500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**965.25**	**526.80**	**563.36**	**551.88**	**92401.**	**-116.58**
Stddev	1.41	1.28	7.11	7.42	3856.	4.04
%RSD	.14617	.24242	1.2615	1.3438	4.1732	3.4620
#1	966.25	527.71	568.38	557.13	89674.	-113.73
#2	964.25	525.90	558.33	546.64	95128.	-119.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/12/2007 15:48:15 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**254660.**	**552.88**	**782.85**	**1076.4**	**62.956**	**547.44**
Stddev	10529.	7.54	39.44	.5	4.573	11.72
%RSD	4.1347	1.3631	5.0376	.04785	7.2640	2.1405
#1	247210.	558.21	754.97	1076.8	66.189	539.15
#2	262100.	547.55	810.74	1076.0	59.722	555.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**52.099**	**95.414**	**527.75**	**1108.2**
Stddev	.638	.398	6.02	.6
%RSD	1.2240	.41701	1.1405	.05746
#1	52.550	95.133	532.01	1108.7
#2	51.648	95.696	523.50	1107.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/12/2007 15:48:15 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6054.0**	**8239.0**	**112890.**	**20908.**
Stddev	2.7	7.3	902.	670.
%RSD	.04455	.08838	.79896	3.2050
#1	6056.0	8233.9	112250.	21382.
#2	6052.1	8244.2	113530.	20434.

Sample Name: CCV Acquired: 11/12/2007 15:50:56 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**626.67**	**5127.5**	**245.45**	**4915.1**	**121.83**	**12773.**
Stddev	.59	112.0	1.04	113.8	2.76	305.
%RSD	.09402	2.1843	.42380	2.3161	2.2614	2.3911
#1	626.25	5206.6	246.19	4995.6	123.77	12989.
#2	627.08	5048.3	244.72	4834.6	119.88	12557.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**123.03**	**1245.4**	**512.35**	**608.13**	**2505.8**	**12331.**
Stddev	.03	2.4	1.06	2.10	53.0	289.
%RSD	.02623	.19102	.20694	.34554	2.1132	2.3441
#1	123.05	1247.1	511.60	609.62	2543.3	12536.
#2	123.01	1243.7	513.10	606.65	2468.4	12127.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/12/2007 15:50:56 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12867.**	**1296.3**	**12550.**	**1253.3**	**250.89**	**1181.2**
Stddev	258.	3.0	262.	2.2	.35	12.5
%RSD	2.0018	.23210	2.0847	.17218	.13825	1.0583
#1	13049.	1298.5	12735.	1254.8	251.14	1172.4
#2	12684.	1294.2	12365.	1251.7	250.65	1190.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**245.92**	**248.85**	**1274.6**	**1290.9**
Stddev	.68	.99	4.0	2.5
%RSD	.27710	.39688	.31571	.19376
#1	246.40	249.54	1277.5	1292.6
#2	245.44	248.15	1271.8	1289.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/12/2007 15:50:56 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7061.6**	**8944.2**	**122970.**	**20718.**
Stddev	7.7	9.9	211.	352.
%RSD	.10912	.11057	.17143	1.6967
#1	7056.1	8937.2	122820.	20469.
#2	7067.0	8951.2	123110.	20966.

Sample Name: CCB Acquired: 11/12/2007 15:53:32 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.15795**	**26.205**	**-.16506**	**2.5078**	**.14281**	**32.381**
Stddev	.07439	2.478	.00793	.0167	.00606	.525
%RSD	47.097	9.4554	4.8027	.66600	4.2450	1.6205
#1	.10535	24.453	-.15945	2.4960	.13852	32.010
#2	.21055	27.957	-.17066	2.5196	.14710	32.753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.00534**	**.49575**	**.61475**	**.49947**	**10.449**	**2.0839**
Stddev	.02837	.11112	.10288	.01592	.921	40.687
%RSD	531.71	22.414	16.736	3.1880	8.8152	1952.4
#1	-.01473	.41717	.54200	.51073	9.7975	-26.686
#2	.02540	.57432	.68750	.48821	11.100	30.854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/12/2007 15:53:32 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**24.235**	**.71328**	**5.2908**	**.30648**	**.01283**	**14.767**
Stddev	1.137	.05473	2.9613	.05204	.34252	3.726
%RSD	4.6930	7.6727	55.970	16.981	2669.8	25.236
#1	23.431	.75197	3.1969	.34328	.25503	17.402
#2	25.039	.67458	7.3848	.26968	-.22937	12.132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**.63759**	**.45855**	**.59460**	**.93876**
Stddev	.66775	.98504	.12421	.03746
%RSD	104.73	214.82	20.889	3.9907
#1	1.1098	-.23798	.68243	.96525
#2	.16542	1.1551	.50677	.91227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/12/2007 15:53:32 Type: QC
Method: TAL20071112E Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7342.1**	**9018.2**	**124810.**	**21357.**
Stddev	7.8	10.3	24.	263.
%RSD	.10637	.11389	.01943	1.2317
#1	7347.7	9025.4	124830.	21543.
#2	7336.6	9010.9	124790.	21171.

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-98-07 *Analysis Date:* 11/13/07

Sequence: TAL20071113A *Analyst/Date:* SW 11/13/07

Method ILM05.3 *Reviewer/Date:* RRP 11/15/07

SOP 250P06.

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	S0 / S0	11/13/07	09:44:26	1.00	TAL20071113A.txt	
0	S / S	11/13/07	09:47:11	1.00	TAL20071113A.txt	
0	ICV1 / ICV	11/13/07	09:49:49	1.00	TAL20071113A.txt	
0	ICB1 / ICB	11/13/07	09:52:23	1.00	TAL20071113A.txt	
0	CRDL1 / CRI	11/13/07	09:55:07	1.00	TAL20071113A.txt	
0	ICS-A1 / ICSA	11/13/07	09:57:48	1.00	TAL20071113A.txt	
0	ICS-AB1 / ICSAB	11/13/07	10:00:35	1.00	TAL20071113A.txt	
0	CCV1 / CCV	11/13/07	10:03:16	1.00	TAL20071113A.txt	
0	CCB1 / CCB	11/13/07	10:05:51	1.00	TAL20071113A.txt	
0	0008708-10 / MH23H9	11/13/07	10:08:36	1.00	TAL20071113A.txt	121
0	0008708-11 / MH23J0	11/13/07	10:11:25	1.00	TAL20071113A.txt	122
0	0008708-12 / MH23J1	11/13/07	10:14:16	1.00	TAL20071113A.txt	123
0	0008708-13 / MH23J2	11/13/07	10:17:04	1.00	TAL20071113A.txt	124
0	0008708-14 / MH23J3	11/13/07	10:19:54	1.00	TAL20071113A.txt	125
0	0008708-15 / MH23J4	11/13/07	10:22:44	1.00	TAL20071113A.txt	126
0	0008708-16 / MH23J5	11/13/07	10:25:33	1.00	TAL20071113A.txt	127
0	0008708-17 / MH23J6	11/13/07	10:28:20	1.00	TAL20071113A.txt	128
0	0008708-18 / MH23J7	11/13/07	10:31:12	1.00	TAL20071113A.txt	129
0	BLANK / BLANK	11/13/07	10:34:02	1.00	TAL20071113A.txt	
0	CCV2 / CCV	11/13/07	10:36:47	1.00	TAL20071113A.txt	
0	CCB2 / CCB	11/13/07	10:39:22	1.00	TAL20071113A.txt	
0	0008708-19 / MH23J8	11/13/07	10:42:08	1.00	TAL20071113A.txt	130
0	0008708-20 / MH23J9	11/13/07	10:44:58	1.00	TAL20071113A.txt	131
0	0008707-18 / MH23T3	11/13/07	10:47:47	1.00	TAL20071113A.txt	132
0	0008707-19 / MH23T4	11/13/07	10:50:34	1.00	TAL20071113A.txt	133
0	0008707-20 / MH23T5	11/13/07	10:53:19	1.00	TAL20071113A.txt	134
0	BLANK / BLANK	11/13/07	10:56:10	1.00	TAL20071113A.txt	
0	ZCRI / ZCRI	11/13/07	10:58:53	1.00	TAL20071113A.txt	
0	CRDL2 / CRI	11/13/07	11:01:34	1.00	TAL20071113A.txt	0000000157
0	ICS-A2 / ICSA	11/13/07	11:04:14	1.00	TAL20071113A.txt	

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-98-07 **Analysis Date:** 11/13/07
Sequence: TAL20071113A **Analyst/Date:** 11/13/07
Method ILM05.3 **Reviewer/Date:** 11/15/07
SOP 2SOP06

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	ICS-AB2 / ICSAB	11/13/07	11:07:01	1.00	TAL20071113A.txt	
0	CCV3 / CCV	11/13/07	11:09:43	1.00	TAL20071113A.txt	
0	CCB3 / CCB	11/13/07	11:12:19	1.00	TAL20071113A.txt	
0	~~ICPBLKQ0~~ / PBSQ0	11/13/07	11:15:05	1.00	TAL20071113A.txt	135
0	ICPLCSQ0 / LCSSQ0	11/13/07	11:17:53	1.00	TAL20071113A.txt	136
0	0008707-01 / MH23R6	11/13/07	11:20:42	1.00	TAL20071113A.txt	137
0	0008707-02 / MH23R7	11/13/07	11:23:33	1.00	TAL20071113A.txt	138
0	0008707-03 / MH23R8	11/13/07	11:26:25	1.00	TAL20071113A.txt	139
0	0008707-04 / MH23R9	11/13/07	11:29:17	1.00	TAL20071113A.txt	140
0	0008707-05 / MH23S0	11/13/07	11:32:02	1.00	TAL20071113A.txt	141
0	0008707-06 / MH23S1	11/13/07	11:34:49	1.00	TAL20071113A.txt	142
0	0008707-07 / MH23S2	11/13/07	11:37:35	1.00	TAL20071113A.txt	143
0	BLANK / BLANK	11/13/07	11:40:25	1.00	TAL20071113A.txt	
0	CCV4 / CCV	11/13/07	11:43:10	1.00	TAL20071113A.txt	
0	CCB4 / CCB	11/13/07	11:45:45	1.00	TAL20071113A.txt	
0	0008707-08 / MH23S3	11/13/07	11:48:32	1.00	TAL20071113A.txt	144
0	0008707-09 / MH23S4	11/13/07	11:51:25	1.00	TAL20071113A.txt	145
0	0008707-10 / MH23S5	11/13/07	11:54:16	1.00	TAL20071113A.txt	146
0	0008707-11 / MH23S6	11/13/07	11:57:09	1.00	TAL20071113A.txt	147
0	0008707-12 / MH23S7	11/13/07	12:00:01	1.00	TAL20071113A.txt	148
0	BLANK / BLANK	11/13/07	12:02:45	1.00	TAL20071113A.txt	
0	ZCRI / ZCRI	11/13/07	12:05:29	1.00	TAL20071113A.txt	
0	CRDL3 / CRI	11/13/07	12:08:11	1.00	TAL20071113A.txt	
0	ICS-A3 / ICSA	11/13/07	12:10:52	1.00	TAL20071113A.txt	
0	ICS-AB3 / ICSAB	11/13/07	12:13:39	1.00	TAL20071113A.txt	
0	CCV5 / CCV	11/13/07	12:16:20	1.00	TAL20071113A.txt	
0	CCB5 / CCB	~~11/13/07~~	~~12:18:56~~	~~1.00~~	~~TAL20071113A.txt~~	
0	0008707-13 / MH23S8	11/13/07	12:21:42	1.00	TAL20071113A.txt	149
0	0008707-14 / MH23S9	11/13/07	12:24:34	1.00	TAL20071113A.txt	150
0	0008707-15 / MH23T0	11/13/07	12:27:20	1.00	TAL20071113A.txt	151

11/19/07

000000158

Sample Name: S0 Acquired: 11/13/2007 09:44:26 Type: Cal
Method: TAL20071113A Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S0 Dilution: 1 Operator: SRV
Comment:

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00198**	**.00062**	**-.00002**	**.00070**	**.00016**	**.00545**
Stddev	.00002	.00013	.00002	.00016	.00005	.00006
%RSD	1.0719	21.270	116.37	22.571	31.785	1.1592
#1	-.00200	.00053	.00000	.00082	.00019	.00540
#2	-.00197	.00071	-.00004	.00059	.00012	.00549

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00008**	**-.00021**	**-.00002**	**.00151**	**.00020**	**-.00143**
Stddev	.00013	.00002	.00000	.00004	.00010	.00006
%RSD	174.49	11.294	25.389	2.7322	50.614	3.8662
#1	.00017	-.00020	-.00002	.00154	.00028	-.00147
#2	-.00002	-.00023	-.00001	.00148	.00013	-.00139

Sample Name: S0 Acquired: 11/13/2007 09:44:26 Type: Cal
Method: TAL20071113A Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S0 Dilution: 1 Operator: SRV
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00006**	**.00014**	**-.00068**	**-.00022**	**-.00001**	**.00130**
Stddev	.00006	.00005	.00006	.00005	.00001	.00025
%RSD	93.310	36.705	9.3254	23.126	47.349	19.375
#1	.00011	.00010	-.00072	-.00018	-.00001	.00147
#2	.00002	.00017	-.00063	-.00026	-.00002	.00112

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00007**	**-.00014**	**-.00010**	**.00010**
Stddev	.00010	.00000	.00002	.00003
%RSD	143.62	1.7755	18.999	31.202
#1	-.00014	-.00014	-.00011	.00008
#2	.00000	-.00013	-.00009	.00012

Sample Name: S0 Acquired: 11/13/2007 09:44:26 Type: Cal
Method: TAL20071113A Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S0 Dilution: 1 Operator: SRV
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7745.3**	**9484.1**	**127520.**	**20277.**
Stddev	18.8	4.1	236.	71.
%RSD	.24229	.04280	.18521	.35081
#1	7758.6	9487.0	127690.	20327.
#2	7732.0	9481.2	127350.	20226.

Sample Name: S Acquired: 11/13/2007 09:47:11 Type: Cal
Method: TAL20071113A Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S Dilution: 1 Operator: SRV
Comment:

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.22156**	**.40727**	**.03962**	**25.649**	**.77651**	**2.7909**
Stddev	.00144	.02898	.00003	1.552	.05521	.1960
%RSD	.65175	7.1159	.06698	6.0516	7.1096	7.0216
#1	.22053	.42776	.03964	26.747	.81554	2.9295
#2	.22258	.38678	.03960	24.552	.73747	2.6524

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.41441**	**2.7957**	**.08552**	**.40433**	**.35275**	**.40737**
Stddev	.00207	.0131	.00070	.00337	.02334	.02965
%RSD	.50007	.46992	.81277	.83460	6.6153	7.2774
#1	.41588	2.8050	.08503	.40195	.36925	.42833
#2	.41295	2.7864	.08601	.40672	.33625	.38641

Sample Name: S Acquired: 11/13/2007 09:47:11 Type: Cal
Method: TAL20071113A Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S Dilution: 1 Operator: SRV
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.28291**	**1.5495**	**2.2179**	**1.6595**	**.12500**	**.24575**
Stddev	.01979	.0138	.1611	.0066	.00025	.00079
%RSD	6.9944	.88844	7.2615	.40017	.20035	.32329
#1	.29690	1.5398	2.3318	1.6642	.12482	.24519
#2	.26892	1.5593	2.1040	1.6548	.12518	.24631

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.03154**	**.07118**	**.43100**	**2.3118**
Stddev	.00004	.00017	.00395	.0117
%RSD	.13690	.23899	.91591	.50562
#1	.03157	.07130	.42821	2.3201
#2	.03150	.07106	.43379	2.3036

Sample Name: S Acquired: 11/13/2007 09:47:11 Type: Cal
Method: TAL20071113A Mode: IR Corr. Factor: 1.000000
User: admin Client sample ID: S Dilution: 1 Operator: SRV
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7165.4**	**9261.5**	**124360.**	**20196.**
Stddev	4.4	8.0	914.	1156.
%RSD	.06210	.08673	.73505	5.7226
#1	7162.3	9255.8	125010.	19379.
#2	7168.5	9267.2	123710.	21013.

Sample Name: ICV Acquired: 11/13/2007 09:49:49 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICV Dilution: 1 Operator: SRV
Comment: 1

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**486.93**	**2568.2**	**902.59**	**522.64**	**493.36**	**10243.**
Stddev	.67	117.9	.63	23.48	22.68	469.
%RSD	.13795	4.5920	.06932	4.4932	4.5975	4.5780
#1	486.46	2651.6	903.03	539.25	509.40	10575.
#2	487.41	2484.8	902.15	506.04	477.32	9911.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**459.95**	**487.23**	**487.78**	**485.55**	**5156.4**	**10146.**
Stddev	.11	.66	1.19	.59	243.0	461.
%RSD	.02346	.13531	.24483	.12160	4.7118	4.5419
#1	459.88	487.70	488.62	485.97	5328.2	10472.
#2	460.03	486.76	486.94	485.13	4984.6	9820.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/13/2007 09:49:49 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICV Dilution: 1 Operator: SRV
Comment: 1

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**6181.1**	**502.70**	**10302.**	**481.36**	**914.06**	**957.27**
Stddev	260.3	.65	446.	1.32	.63	6.22
%RSD	4.2109	.12984	4.3322	.27485	.06930	.64983
#1	6365.1	502.23	10617.	482.29	914.51	952.87
#2	5997.0	503.16	9986.0	480.42	913.61	961.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**914.95**	**931.44**	**498.37**	**964.62**
Stddev	1.64	1.58	.26	1.97
%RSD	.17909	.16914	.05153	.20440
#1	913.79	932.55	498.19	966.01
#2	916.10	930.32	498.56	963.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV Acquired: 11/13/2007 09:49:49 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICV Dilution: 1 Operator: SRV
Comment: 1

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7440.4**	**9310.0**	**125030.**	**19704.**
Stddev	1.7	12.6	273.	649.
%RSD	.02238	.13544	.21864	3.2941
#1	7439.2	9318.9	125220.	19245.
#2	7441.6	9301.1	124840.	20163.

Sample Name: ICB Acquired: 11/13/2007 09:52:23 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.00936**	**-.80297**	**1.4375**	**.07836**	**.09559**	**1.2721**
Stddev	.16907	3.0117	.0670	.07801	.00068	.6764
%RSD	1806.8	375.07	4.6610	99.552	.71262	53.175
#1	-.11019	-2.9326	1.3901	.02320	.09607	.79377
#2	.12891	1.3266	1.4849	.13352	.09511	1.7504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.01409**	**.27727**	**-.22235**	**-.04995**	**-1.5713**	**-3.1686**
Stddev	.00178	.01766	.43947	.29393	.0617	36.706
%RSD	12.605	6.3688	197.65	588.49	3.9298	1158.4
#1	.01534	.26478	.08841	.15789	-1.6150	-29.124
#2	.01283	.28976	-.53310	-.25779	-1.5277	22.787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 11/13/2007 09:52:23 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-3.2972**	**.08581**	**4.4469**	**.36307**	**-.57499**	**7.8609**
Stddev	6.1894	.00232	5.5022	.11028	.37518	3.4697
%RSD	187.72	2.7083	123.73	30.375	65.250	44.138
#1	1.0794	.08416	.55626	.44105	-.30970	10.314
#2	-7.6738	.08745	8.3375	.28509	-.84028	5.4075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**1.6099**	**-.14425**	**.40988**	**.18233**
Stddev	.9172	.20468	.35726	.03479
%RSD	56.974	141.89	87.162	19.080
#1	2.2584	.00048	.15726	.15773
#2	.96131	-.28898	.66250	.20693
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICB Acquired: 11/13/2007 09:52:23 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7686.7**	**9364.9**	**127280.**	**20006.**
Stddev	37.2	44.7	329.	677.
%RSD	.48441	.47768	.25822	3.3831
#1	7713.0	9396.6	127510.	19528.
#2	7660.4	9333.3	127050.	20485.

Sample Name: CRI Acquired: 11/13/2007 09:55:07 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**11.351**	**2.7091**	**10.100**	**.12588**	**5.9293**	**3.0328**
Stddev	.371	3.0598	.691	.00248	.2999	1.5564
%RSD	3.2705	112.94	6.8465	1.9737	5.0586	51.319
#1	11.089	4.8727	9.6110	.12764	6.1414	4.1333
#2	11.614	.54553	10.589	.12412	5.7172	1.9323
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**5.4105**	**56.340**	**11.944**	**29.130**	**-2.3283**	**-.43591**
Stddev	.1398	1.854	.634	1.273	1.6838	30.732
%RSD	2.5842	3.2902	5.3122	4.3700	72.319	7050.2
#1	5.5094	57.651	11.495	28.230	-1.1377	-22.167
#2	5.3117	55.030	12.393	30.030	-3.5189	21.295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/13/2007 09:55:07 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-8.8077**	**18.317**	**4.8511**	**45.249**	**12.052**	**53.426**
Stddev	1.3362	.794	4.6278	1.250	.018	.431
%RSD	15.171	4.3329	95.396	2.7620	.14576	.80687
#1	-7.8629	17.756	8.1235	46.133	12.064	53.730
#2	-9.7525	18.879	1.5788	44.366	12.039	53.121
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**35.792**	**28.054**	**58.564**	**65.921**
Stddev	.141	.067	2.977	2.048
%RSD	.39429	.23778	5.0830	3.1074
#1	35.892	28.101	56.459	67.369
#2	35.692	28.006	60.669	64.472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/13/2007 09:55:07 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7516.4**	**9177.1**	**123380.**	**19373.**
Stddev	176.7	202.2	4893.	879.
%RSD	2.3508	2.2037	3.9655	4.5376
#1	7391.4	9034.1	126840.	18751.
#2	7641.3	9320.1	119920.	19995.

Sample Name: ICSA Acquired: 11/13/2007 09:57:48 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.18863**	**235960.**	**-.48026**	**-2.8711**	**1.3815**	**226890.**
Stddev	.06964	13497.	1.3868	.0779	.0632	8211.
%RSD	36.918	5.7198	288.76	2.7116	4.5750	3.6189
#1	.23787	226420.	.50035	-2.8160	1.3368	221090.
#2	.13939	245510.	-1.4609	-2.9261	1.4262	232700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.5612**	**3.0324**	**43.510**	**23.604**	**91051.**	**-67.274**
Stddev	.1465	.0476	.075	.500	5176.	7.008
%RSD	9.3839	1.5696	.17204	2.1203	5.6851	10.417
#1	1.4576	3.0660	43.563	23.957	87391.	-62.319
#2	1.6648	2.9987	43.457	23.250	94712.	-72.229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/13/2007 09:57:48 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**234510.**	**16.099**	**719.58**	**18.209**	**5.1007**	**-8.0277**
Stddev	13773.	.544	26.14	.212	1.9336	1.6828
%RSD	5.8731	3.3777	3.6321	1.1617	37.909	20.962
#1	224770.	16.483	701.10	18.358	6.4680	-9.2176
#2	244240.	15.714	738.06	18.059	3.7334	-6.8378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-4.2321**	**-1.3950**	**-.17953**	**24.721**
Stddev	.5988	.6295	.13321	.442
%RSD	14.150	45.123	74.197	1.7869
#1	-3.8086	-1.8402	-.08534	25.033
#2	-4.6555	-.94994	-.27373	24.409
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/13/2007 09:57:48 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6330.8**	**8555.5**	**114820.**	**20344.**
Stddev	8.7	14.0	173.	985.
%RSD	.13741	.16383	.15103	4.8429
#1	6337.0	8565.4	114940.	21041.
#2	6324.7	8545.6	114700.	19648.

Sample Name: ICSAB Acquired: 11/13/2007 10:00:35 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**212.14**	**255830.**	**92.077**	**529.68**	**505.02**	**240840.**
Stddev	.13	10804.	1.909	21.33	19.97	6458.
%RSD	.06231	4.2232	2.0734	4.0266	3.9545	2.6816
#1	212.04	263470.	93.427	544.76	519.14	245400.
#2	212.23	248190.	90.727	514.60	490.89	236270.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**947.08**	**496.00**	**523.80**	**530.93**	**98759.**	**-97.333**
Stddev	1.33	.64	1.41	.22	4054.	4.395
%RSD	.14022	.12917	.26888	.04162	4.1045	4.5156
#1	948.02	496.45	522.80	531.08	101630.	-100.44
#2	946.14	495.55	524.79	530.77	95893.	-94.225
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/13/2007 10:00:35 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**252800.**	**508.66**	**781.54**	**1006.9**	**55.453**	**555.55**
Stddev	10194.	.56	20.45	1.9	.548	14.17
%RSD	4.0325	.11004	2.6169	.18603	.98784	2.5509
#1	260000.	508.26	796.00	1008.2	55.065	545.53
#2	245590.	509.06	767.08	1005.6	55.840	565.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**52.071**	**92.125**	**491.06**	**992.17**
Stddev	1.336	1.179	.41	1.50
%RSD	2.5663	1.2799	.08316	.15072
#1	51.126	92.959	490.77	993.23
#2	53.015	91.291	491.35	991.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/13/2007 10:00:35 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6294.6**	**8507.5**	**115010.**	**19193.**
Stddev	5.2	.6	204.	562.
%RSD	.08196	.00731	.17718	2.9302
#1	6298.3	8507.1	115160.	18796.
#2	6291.0	8508.0	114870.	19591.

Sample Name: CCV Acquired: 11/13/2007 10:03:16 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**637.87**	**5139.7**	**248.36**	**5205.2**	**128.67**	**12784.**
Stddev	.72	120.1	.92	122.6	3.15	309.
%RSD	.11253	2.3368	.37226	2.3559	2.4448	2.4145
#1	637.36	5224.6	249.01	5291.9	130.89	13002.
#2	638.38	5054.8	247.71	5118.5	126.45	12566.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**126.05**	**1236.4**	**506.99**	**627.06**	**2600.7**	**12903.**
Stddev	.31	.9	.27	1.18	61.8	259.
%RSD	.24462	.07609	.05352	.18754	2.3765	2.0037
#1	126.27	1237.1	507.18	626.22	2644.4	13086.
#2	125.84	1235.7	506.80	627.89	2557.0	12720.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/13/2007 10:03:16 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12751.**	**1271.5**	**12867.**	**1233.4**	**245.70**	**1248.5**
Stddev	320.	1.7	308.	1.4	.77	12.7
%RSD	2.5085	.13711	2.3904	.11301	.31229	1.0141
#1	12977.	1272.7	13085.	1234.4	245.16	1239.5
#2	12525.	1270.3	12650.	1232.4	246.24	1257.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**251.92**	**248.99**	**1262.2**	**1214.4**
Stddev	1.91	.34	1.9	1.9
%RSD	.75817	.13635	.15092	.15946
#1	250.57	248.75	1263.6	1215.8
#2	253.27	249.23	1260.9	1213.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/13/2007 10:03:16 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7296.2**	**9165.0**	**123600.**	**19996.**
Stddev	16.2	1.7	85.	446.
%RSD	.22165	.01908	.06874	2.2298
#1	7307.6	9163.8	123540.	19681.
#2	7284.7	9166.3	123660.	20312.

Sample Name: CCB Acquired: 11/13/2007 10:05:51 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.05096**	**1.7618**	**.83236**	**.43071**	**.12707**	**6.6868**
Stddev	.08668	6.4262	.64642	.02375	.00477	1.4858
%RSD	170.10	364.75	77.662	5.5152	3.7544	22.219
#1	-.01033	-2.7822	.37527	.41391	.13044	7.7373
#2	.11226	6.3058	1.2894	.44750	.12370	5.6362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.08484**	**.59027**	**-.01186**	**.08888**	**.47113**	**5.7480**
Stddev	.00858	.03902	.08684	.34119	.81269	3.9695
%RSD	10.117	6.6108	731.99	383.88	172.50	69.058
#1	.07877	.56268	-.07327	-.15238	-.10352	2.9412
#2	.09091	.61786	.04954	.33014	1.0458	8.5549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/13/2007 10:05:51 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**4.8397**	**.21353**	**1.6458**	**.61236**	**-.65728**	**8.5674**
Stddev	14.134	.02812	6.6462	.11494	.08650	4.1689
%RSD	292.04	13.170	403.83	18.771	13.160	48.660
#1	14.834	.19364	-3.0538	.53108	-.59612	11.515
#2	-5.1545	.23341	6.3454	.69364	-.71845	5.6195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**2.5746**	**.76848**	**.63287**	**.58048**
Stddev	2.0045	.54446	.11745	.17823
%RSD	77.856	70.848	18.558	30.704
#1	3.9919	.38349	.71592	.45446
#2	1.1572	1.1535	.54982	.70651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/13/2007 10:05:51 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7595.8**	**9223.7**	**125000.**	**20132.**
Stddev	18.5	17.5	257.	24.
%RSD	.24316	.18986	.20545	.11815
#1	7608.8	9236.1	125180.	20149.
#2	7582.7	9211.3	124810.	20115.

Sample Name: 0008708-10 Acquired: 11/13/2007 10:08:36 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H9 Dilution: 1 Operator: SRV
Comment: 121

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**68.535**	**130220.**	**478.23**	**1278.5**	**4.3312**	**39615.**
Stddev	.679	6732.	2.16	60.3	.1932	2142.
%RSD	.99039	5.1700	.45163	4.7149	4.4611	5.4078
#1	69.015	125460.	476.70	1235.9	4.1946	38100.
#2	68.055	134980.	479.75	1321.1	4.4678	41130.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**53.290**	**76.988**	**171.67**	**944.06**	**142690.**	**30985.**
Stddev	.034	.283	.30	3.93	5487.	1505.
%RSD	.06429	.36730	.17307	.41597	3.8453	4.8571
#1	53.265	77.188	171.88	946.84	138810.	29921.
#2	53.314	76.788	171.46	941.28	146570.	32049.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-10 Acquired: 11/13/2007 10:08:36 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H9 Dilution: 1 Operator: SRV
Comment: 121

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**33799.**	**5503.0**	**937.44**	**104.80**	**9082.8**	**371.07**
Stddev	1949.	9.8	41.55	.07	15.4	4.66
%RSD	5.7658	.17868	4.4318	.07098	.16902	1.2554
#1	32421.	5510.0	908.06	104.75	9071.9	374.36
#2	35177.	5496.1	966.81	104.85	9093.6	367.78
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**7.9602**	**4.8828**	**245.04**	**9279.0**
Stddev	.9609	.4211	1.45	18.3
%RSD	12.071	8.6234	.59322	.19681
#1	7.2807	4.5851	246.07	9266.1
#2	8.6396	5.1806	244.01	9291.9
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-10 Acquired: 11/13/2007 10:08:36 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H9 Dilution: 1 Operator: SRV
Comment: 121

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6535.2**	**9264.5**	**125760.**	**21921.**
Stddev	25.1	43.2	1366.	861.
%RSD	.38377	.46585	1.0858	3.9270
#1	6517.4	9233.9	124790.	22530.
#2	6552.9	9295.0	126720.	21313.

Sample Name: 0008708-11 Acquired: 11/13/2007 10:11:25 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J0 Dilution: 1 Operator: SRV
Comment: 122

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**59.956**	**36790.**	**421.17**	**904.74**	**1.2479**	**404860.**
Stddev	.100	4430.	1.26	106.06	.1520	34971.
%RSD	.16715	12.042	.29868	11.722	12.180	8.6378
#1	59.885	33657.	422.06	829.75	1.1404	380130.
#2	60.027	39923.	420.28	979.73	1.3554	429590.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**56.901**	**23.880**	**48.207**	**804.21**	**40881.**	**6653.5**
Stddev	.080	.291	.055	.28	4915.	758.3
%RSD	.14104	1.2193	.11329	.03518	12.022	11.398
#1	56.958	24.086	48.169	804.41	37406.	6117.3
#2	56.844	23.674	48.246	804.01	44357.	7189.7
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-11 Acquired: 11/13/2007 10:11:25 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J0 Dilution: 1 Operator: SRV
Comment: 122

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**22138.**	**11350.**	**3858.8**	**40.138**	**5847.4**	**398.33**
Stddev	2703.	39.	436.9	.145	16.6	.83
%RSD	12.211	.34174	11.323	.36007	.28424	.20875
#1	20226.	11378.	3549.8	40.241	5859.1	398.92
#2	24049.	11323.	4167.7	40.036	5835.6	397.74
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**23.571**	**10.212**	**66.188**	**7564.2**
Stddev	.241	.465	.284	23.7
%RSD	1.0228	4.5567	.42944	.31303
#1	23.741	10.541	66.389	7580.9
#2	23.400	9.8828	65.987	7547.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-11 Acquired: 11/13/2007 10:11:25 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J0 Dilution: 1 Operator: SRV
Comment: 122

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6206.1**	**8260.8**	**114350.**	**21236.**
Stddev	24.0	25.3	540.	1923.
%RSD	.38679	.30600	.47194	9.0550
#1	6189.1	8242.9	113970.	22596.
#2	6223.0	8278.6	114730.	19876.

Sample Name: 0008708-12 Acquired: 11/13/2007 10:14:16 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J1 Dilution: 1 Operator: SRV
Comment: 123

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**72.365**	**156870.**	**464.87**	**1509.2**	**5.2753**	**41305.**
Stddev	.033	10009.	3.58	87.7	.2759	2554.
%RSD	.04516	6.3802	.76953	5.8131	5.2297	6.1837
#1	72.342	149790.	467.39	1447.2	5.0802	39499.
#2	72.388	163950.	462.34	1571.3	5.4704	43111.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**58.156**	**95.082**	**188.17**	**1051.4**	**163040.**	**30103.**
Stddev	.009	.081	.19	2.2	6657.	1722.
%RSD	.01463	.08529	.09929	.21330	4.0833	5.7196
#1	58.162	95.139	188.04	1053.0	158330.	28885.
#2	58.150	95.024	188.30	1049.8	167750.	31320.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-12 Acquired: 11/13/2007 10:14:16 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J1 Dilution: 1 Operator: SRV
Comment: 123

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**37391.**	**7255.7**	**1289.2**	**141.25**	**10135.**	**366.57**
Stddev	2386.	1.4	78.2	.11	6.	1.31
%RSD	6.3808	.01893	6.0671	.07730	.05985	.35747
#1	35704.	7254.7	1233.9	141.17	10139.	367.50
#2	39078.	7256.7	1344.5	141.33	10131.	365.65
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**10.342**	**8.5478**	**295.30**	**9465.8**
Stddev	1.256	.2286	.38	9.8
%RSD	12.146	2.6739	.12699	.10369
#1	9.4537	8.7095	295.04	9458.9
#2	11.230	8.3862	295.57	9472.8
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-12 Acquired: 11/13/2007 10:14:16 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J1 Dilution: 1 Operator: SRV
Comment: 123

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6563.6**	**9479.0**	**128710.**	**22573.**
Stddev	23.6	38.9	190.	1090.
%RSD	.36005	.41004	.14763	4.8290
#1	6546.9	9451.5	128580.	23343.
#2	6580.4	9506.5	128840.	21802.

Sample Name: 0008708-13 Acquired: 11/13/2007 10:17:04 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J2 Dilution: 1 Operator: SRV
Comment: 124

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**227.16**	**156250.**	**1241.5**	**1651.5**	**4.9232**	**51985.**
Stddev	.10	13752.	1.2	141.3	.4090	4513.
%RSD	.04615	8.8012	.09585	8.5530	8.3073	8.6813
#1	227.24	146530.	1242.3	1551.6	4.6340	48794.
#2	227.09	165970.	1240.6	1751.4	5.2124	55177.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**138.51**	**96.910**	**208.39**	**2993.7**	**173290.**	**30802.**
Stddev	.26	.568	.62	1.0	10354.	2622.
%RSD	.18694	.58582	.29724	.03328	5.9749	8.5140
#1	138.33	97.312	208.83	2994.4	165970.	28947.
#2	138.69	96.509	207.95	2993.0	180610.	32656.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-13 Acquired: 11/13/2007 10:17:04 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J2 Dilution: 1 Operator: SRV
Comment: 124

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**38995.**	**9019.1**	**2244.5**	**143.33**	**29625.**	**1200.4**
Stddev	3441.	27.4	185.0	.12	86.	1.6
%RSD	8.8241	.30391	8.2436	.08302	.28971	.13427
#1	36562.	9038.4	2113.6	143.42	29686.	1199.2
#2	41429.	8999.7	2375.3	143.25	29564.	1201.5
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**23.123**	**33.935**	**310.55**	**23240.**
Stddev	1.520	1.554	.80	79.
%RSD	6.5739	4.5803	.25917	.33805
#1	22.048	35.034	311.12	23296.
#2	24.198	32.836	309.98	23185.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-13 Acquired: 11/13/2007 10:17:04 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J2 Dilution: 1 Operator: SRV
Comment: 124

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6558.5**	**9541.4**	**130200.**	**23394.**
Stddev	20.9	5.7	255.	1558.
%RSD	.31841	.06006	.19583	6.6615
#1	6543.7	9537.4	130020.	24496.
#2	6573.3	9545.5	130380.	22292.

Sample Name: 0008708-14 Acquired: 11/13/2007 10:19:54 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J3 Dilution: 1 Operator: SRV
Comment: 125

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**24.491**	**132070.**	**187.89**	**1294.4**	**4.8467**	**53007.**
Stddev	.151	9972.	.13	95.1	.3419	3887.
%RSD	.61762	7.5508	.06814	7.3506	7.0534	7.3330
#1	24.384	125020.	187.79	1227.2	4.6050	50258.
#2	24.598	139120.	187.98	1361.7	5.0885	55755.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**19.800**	**82.193**	**173.32**	**412.91**	**142610.**	**24787.**
Stddev	.078	.013	.30	.67	6028.	1836.
%RSD	.39444	.01610	.17375	.16333	4.2272	7.4051
#1	19.744	82.183	173.11	412.43	138340.	23489.
#2	19.855	82.202	173.54	413.39	146870.	26085.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-14 Acquired: 11/13/2007 10:19:54 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J3 Dilution: 1 Operator: SRV
Comment: 125

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**38987.**	**4918.2**	**2575.6**	**127.59**	**2898.6**	**121.11**
Stddev	2953.	4.9	192.7	.39	.2	1.08
%RSD	7.5753	.09877	7.4810	.30469	.00574	.89385
#1	36898.	4914.7	2439.4	127.32	2898.5	120.35
#2	41075.	4921.6	2711.8	127.87	2898.7	121.88
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**2.3675**	**-.45180**	**283.13**	**2852.9**
Stddev	.9653	.21755	.16	8.3
%RSD	40.774	48.151	.05596	.29015
#1	3.0501	-.29797	283.01	2847.1
#2	1.6849	-.60563	283.24	2858.8
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-14 Acquired: 11/13/2007 10:19:54 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J3 Dilution: 1 Operator: SRV
Comment: 125

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6559.4**	**9400.7**	**128160.**	**22764.**
Stddev	8.5	15.1	350.	1235.
%RSD	.12928	.16071	.27272	5.4268
#1	6553.4	9390.0	127920.	23638.
#2	6565.4	9411.4	128410.	21890.

Sample Name: 0008708-15 Acquired: 11/13/2007 10:22:44 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J4 Dilution: 1 Operator: SRV
Comment: 126

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**72.424**	**142370.**	**452.74**	**1556.5**	**4.0469**	**35117.**
Stddev	.206	6878.	15.88	72.2	.1036	1695.
%RSD	.28448	4.8310	3.5068	4.6375	2.5601	4.8261
#1	72.569	137510.	463.97	1505.5	3.9736	33919.
#2	72.278	147240.	441.52	1607.6	4.1201	36316.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**57.340**	**98.978**	**207.20**	**1028.1**	**168060.**	**25577.**
Stddev	1.543	3.999	.39	3.3	7493.	1217.
%RSD	2.6916	4.0407	.18949	.32183	4.4587	4.7571
#1	58.431	101.81	206.92	1030.4	162760.	24717.
#2	56.248	96.150	207.47	1025.8	173360.	26438.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-15 Acquired: 11/13/2007 10:22:44 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J4 Dilution: 1 Operator: SRV
Comment: 126

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**31235.**	**7314.9**	**2279.6**	**130.64**	**9151.6**	**392.28**
Stddev	1540.	48.5	105.7	4.46	343.5	15.08
%RSD	4.9313	.66362	4.6385	3.4120	3.7534	3.8436
#1	30146.	7349.2	2204.8	133.79	9394.4	402.94
#2	32324.	7280.6	2354.3	127.49	8908.7	381.61
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**11.913**	**15.314**	**381.79**	**9813.4**
Stddev	.622	.174	.34	350.8
%RSD	5.2220	1.1370	.08879	3.5749
#1	12.353	15.437	381.55	10061.
#2	11.473	15.191	382.03	9565.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-15 Acquired: 11/13/2007 10:22:44 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J4 Dilution: 1 Operator: SRV
Comment: 126

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6521.8**	**9315.6**	**127350.**	**22413.**
Stddev	212.3	247.4	774.	826.
%RSD	3.2555	2.6562	.60783	3.6854
#1	6371.6	9140.7	126810.	22997.
#2	6671.9	9490.6	127900.	21829.

Sample Name: 0008708-16 Acquired: 11/13/2007 10:25:33 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J5 Dilution: 1 Operator: SRV
Comment: 127

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**2.8303**	**120170.**	**80.447**	**1650.6**	**3.8810**	**27948.**
Stddev	.0034	885.	1.250	7.1	.0067	158.
%RSD	.11943	.73631	1.5532	.43165	.17218	.56487
#1	2.8279	119540.	81.331	1645.5	3.8762	27836.
#2	2.8326	120800.	79.564	1655.6	3.8857	28060.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**8.0086**	**92.297**	**158.10**	**221.38**	**135990.**	**29834.**
Stddev	.1364	.114	4.82	7.61	897.	112.
%RSD	1.7038	.12317	3.0468	3.4354	.65959	.37531
#1	8.1051	92.216	161.51	226.76	135360.	29755.
#2	7.9121	92.377	154.70	216.00	136630.	29914.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-16 Acquired: 11/13/2007 10:25:33 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J5 Dilution: 1 Operator: SRV
Comment: 127

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**26041.**	**7118.1**	**1220.6**	**112.34**	**617.87**	**13.158**
Stddev	43.	181.2	10.4	.18	.99	.020
%RSD	.16362	2.5449	.84963	.16074	.16004	.15203
#1	26010.	7246.2	1213.3	112.21	617.17	13.172
#2	26071.	6990.0	1228.0	112.47	618.57	13.144
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**.92135**	**-1.1813**	**282.25**	**1080.3**
Stddev	1.3422	1.5672	8.30	1.6
%RSD	145.68	132.67	2.9400	.14495
#1	1.8704	-.07311	288.12	1079.2
#2	-.02774	-2.2894	276.38	1081.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-16 Acquired: 11/13/2007 10:25:33 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J5 Dilution: 1 Operator: SRV
Comment: 127

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6669.9**	**9432.2**	**124710.**	**22492.**
Stddev	16.3	29.5	3390.	127.
%RSD	.24498	.31250	2.7183	.56360
#1	6658.4	9411.3	122320.	22402.
#2	6681.5	9453.0	127110.	22582.

Sample Name: 0008708-17 Acquired: 11/13/2007 10:28:20 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J6 Dilution: 1 Operator: SRV
Comment: 128

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**15.872**	**89921.**	**132.05**	**2294.2**	**3.3249**	**165040.**
Stddev	.220	5860.	2.34	139.9	.2216	6611.
%RSD	1.3857	6.5168	1.7745	6.0993	6.6655	4.0053
#1	16.028	85777.	133.71	2195.3	3.1682	160370.
#2	15.717	94065.	130.40	2393.2	3.4816	169720.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**35.052**	**50.153**	**112.19**	**474.19**	**95006.**	**20513.**
Stddev	.370	.981	.64	1.35	5982.	1223.
%RSD	1.0547	1.9552	.56893	.28421	6.2961	5.9621
#1	35.313	50.846	112.64	473.24	90777.	19648.
#2	34.790	49.459	111.74	475.15	99236.	21378.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-17 Acquired: 11/13/2007 10:28:20 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J6 Dilution: 1 Operator: SRV
Comment: 128

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**31930.**	**9798.7**	**2760.8**	**84.664**	**2718.2**	**126.07**
Stddev	2064.	14.9	171.2	1.580	40.3	1.42
%RSD	6.4632	.15242	6.2012	1.8660	1.4815	1.1260
#1	30471.	9788.2	2639.8	85.781	2746.7	127.07
#2	33389.	9809.3	2881.9	83.547	2689.7	125.06
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**14.795**	**6.4318**	**190.78**	**5100.2**
Stddev	.484	.0863	.30	73.4
%RSD	3.2714	1.3425	.15577	1.4383
#1	14.453	6.4929	190.57	5152.1
#2	15.137	6.3708	190.99	5048.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-17 Acquired: 11/13/2007 10:28:20 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J6 Dilution: 1 Operator: SRV
Comment: 128

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6372.6**	**8822.3**	**122650.**	**21824.**
Stddev	97.6	107.8	543.	991.
%RSD	1.5321	1.2217	.44286	4.5396
#1	6303.5	8746.1	122270.	22525.
#2	6441.6	8898.5	123040.	21124.

Sample Name: 0008708-18 Acquired: 11/13/2007 10:31:12 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J7 Dilution: 1 Operator: SRV
Comment: 129

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**17.781**	**126720.**	**110.11**	**1900.8**	**2.3608**	**41251.**
Stddev	.583	8189.	.67	117.6	.1539	2551.
%RSD	3.2779	6.4626	.60919	6.1861	6.5182	6.1845
#1	17.369	120930.	109.63	1817.6	2.2520	39447.
#2	18.193	132510.	110.58	1983.9	2.4696	43055.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**17.190**	**98.067**	**196.42**	**357.56**	**156700.**	**24984.**
Stddev	.002	.216	.18	.44	7670.	1514.
%RSD	.01129	.21998	.09121	.12391	4.8943	6.0597
#1	17.191	98.220	196.55	357.87	151280.	23913.
#2	17.189	97.915	196.30	357.25	162130.	26054.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-18 Acquired: 11/13/2007 10:31:12 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J7 Dilution: 1 Operator: SRV
Comment: 129

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**30455.**	**3676.7**	**2441.1**	**106.16**	**1503.5**	**74.362**
Stddev	1891.	.3	142.6	.14	1.9	2.138
%RSD	6.2106	.00767	5.8407	.13246	.12747	2.8754
#1	29117.	3676.5	2340.3	106.06	1502.1	75.874
#2	31792.	3676.9	2541.9	106.26	1504.9	72.850
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**1.6801**	**4.4781**	**345.00**	**2639.3**
Stddev	1.7438	.6531	.68	4.8
%RSD	103.79	14.583	.19716	.18345
#1	2.9131	4.9399	345.48	2635.9
#2	.44703	4.0163	344.52	2642.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-18 Acquired: 11/13/2007 10:31:12 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J7 Dilution: 1 Operator: SRV
Comment: 129

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6629.4**	**9313.3**	**127280.**	**22189.**
Stddev	9.6	23.2	446.	995.
%RSD	.14429	.24928	.35024	4.4836
#1	6622.7	9296.9	126960.	22893.
#2	6636.2	9329.7	127590.	21486.

Sample Name: BLANK Acquired: 11/13/2007 10:34:02 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.07548**	**-5.8684**	**-.36536**	**-.14430**	**.06789**	**-.83482**
Stddev	.22830	1.8986	.23836	.01943	.05198	1.2493
%RSD	302.47	32.353	65.241	13.462	76.567	149.65
#1	-.23691	-7.2110	-.53390	-.13057	.03113	-1.7182
#2	.08596	-4.5259	-.19681	-.15804	.10464	.04860
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.00446**	**.13791**	**.05059**	**-.04367**	**.80483**	**8.5961**
Stddev	.04997	.06291	.03191	.08795	1.7604	24.184
%RSD	1121.7	45.614	63.083	201.41	218.73	281.34
#1	.03088	.09343	.07315	-.10586	2.0496	25.697
#2	-.03979	.18239	.02802	.01852	-.43999	-8.5049
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/13/2007 10:34:02 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.57330**	**.65871**	**4.8232**	**.24568**	**.80831**	**-13.494**
Stddev	3.0038	.45359	.9218	.08173	.49041	.772
%RSD	523.94	68.860	19.113	33.265	60.671	5.7178
#1	-2.6973	.33797	4.1713	.30347	1.1551	-12.948
#2	1.5507	.97945	5.4750	.18789	.46154	-14.039
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**.94223**	**-.19788**	**.00096**	**1.4296**
Stddev	1.3515	.92932	.22523	.0845
%RSD	143.44	469.64	23470.	5.9079
#1	1.8979	-.85500	-.15830	1.4893
#2	-.01345	.45925	.16022	1.3698
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/13/2007 10:34:02 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7661.8**	**9353.5**	**129030.**	**20470.**
Stddev	37.9	38.0	211.	600.
%RSD	.49471	.40592	.16337	2.9310
#1	7688.6	9380.4	128880.	20894.
#2	7635.0	9326.7	129180.	20046.

Sample Name: CCV Acquired: 11/13/2007 10:36:47 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**637.80**	**5303.1**	**249.06**	**5383.2**	**131.64**	**12984.**
Stddev	.69	220.0	1.55	218.8	5.70	522.
%RSD	.10778	4.1487	.62040	4.0642	4.3279	4.0213
#1	638.28	5458.7	247.96	5537.9	135.67	13353.
#2	637.31	5147.6	250.15	5228.5	127.61	12615.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**126.40**	**1234.3**	**505.29**	**627.22**	**2629.8**	**13252.**
Stddev	.09	.5	1.52	.73	113.4	515.
%RSD	.07457	.04120	.30074	.11635	4.3126	3.8852
#1	126.47	1234.7	506.36	627.74	2710.0	13616.
#2	126.33	1234.0	504.22	626.71	2549.6	12888.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/13/2007 10:36:47 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12749.**	**1265.7**	**13248.**	**1230.8**	**244.09**	**1219.6**
Stddev	476.	.4	503.	.4	1.21	29.8
%RSD	3.7325	.03400	3.7963	.03014	.49751	2.4414
#1	13085.	1266.0	13603.	1231.0	243.24	1198.6
#2	12412.	1265.4	12892.	1230.5	244.95	1240.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**253.26**	**248.56**	**1255.8**	**1200.1**
Stddev	.48	.43	.7	.9
%RSD	.18935	.17385	.05920	.07323
#1	252.92	248.25	1255.3	1199.5
#2	253.60	248.86	1256.3	1200.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/13/2007 10:36:47 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7318.6**	**9177.6**	**125010.**	**19973.**
Stddev	7.1	7.3	86.	681.
%RSD	.09689	.07992	.06917	3.4111
#1	7323.7	9182.8	125070.	19491.
#2	7313.6	9172.4	124950.	20454.

Sample Name: CCB Acquired: 11/13/2007 10:39:22 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.31319**	**-3.5712**	**.23362**	**.93591**	**.08824**	**5.7333**
Stddev	.25917	1.5753	.18269	.16296	.01564	.2823
%RSD	82.752	44.113	78.199	17.412	17.723	4.9238
#1	.12993	-4.6851	.36280	.82068	.09930	5.5337
#2	.49646	-2.4572	.10444	1.0511	.07718	5.9329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.15193**	**1.0258**	**-.05306**	**.06887**	**.15925**	**2.2096**
Stddev	.07237	.1121	.16066	.11657	2.1170	41.994
%RSD	47.636	10.924	302.80	169.26	1329.4	1900.5
#1	.20310	1.1051	.06055	.15129	-1.3377	31.903
#2	.10075	.94660	-.16667	-.01356	1.6562	-27.484
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/13/2007 10:39:22 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**13.058**	**.49039**	**11.372**	**1.1798**	**-.01984**	**9.1167**
Stddev	.241	.08245	1.145	.0081	.64130	3.1821
%RSD	1.8433	16.813	10.072	.68354	3232.5	34.904
#1	12.888	.43209	12.182	1.1741	-.47331	11.367
#2	13.228	.54869	10.562	1.1855	.43363	6.8666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**1.4350**	**.59778**	**.74717**	**1.2815**
Stddev	.2458	1.2245	.21380	.1687
%RSD	17.126	204.84	28.615	13.161
#1	1.6088	-.26806	.89835	1.4008
#2	1.2612	1.4636	.59599	1.1622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/13/2007 10:39:22 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7552.7**	**9143.1**	**127520.**	**20598.**
Stddev	25.3	28.1	458.	25.
%RSD	.33556	.30729	.35901	.11925
#1	7534.8	9123.2	127850.	20615.
#2	7570.6	9162.9	127200.	20580.

Sample Name: 0008708-19 Acquired: 11/13/2007 10:42:08 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J8 Dilution: 1 Operator: SRV
Comment: 130

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**20.924**	**119150.**	**163.50**	**1796.2**	**3.9262**	**39499.**
Stddev	.696	9207.	.94	133.4	.2137	3111.
%RSD	3.3247	7.7266	.57369	7.4266	5.4437	7.8770
#1	21.416	112640.	164.17	1701.9	3.7751	37299.
#2	20.432	125660.	162.84	1890.5	4.0774	41699.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**32.054**	**93.324**	**174.70**	**456.30**	**143460.**	**31447.**
Stddev	.059	.449	.19	1.06	8239.	2396.
%RSD	.18321	.48102	.10599	.23212	5.7430	7.6175
#1	32.013	93.642	174.83	457.05	137630.	29753.
#2	32.096	93.007	174.56	455.55	149280.	33141.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-19 Acquired: 11/13/2007 10:42:08 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J8 Dilution: 1 Operator: SRV
Comment: 130

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**26990.**	**6858.9**	**1098.9**	**111.03**	**3216.8**	**83.120**
Stddev	2138.	16.4	78.8	.71	5.3	1.861
%RSD	7.9206	.23845	7.1679	.63515	.16467	2.2385
#1	25478.	6847.3	1043.2	111.53	3220.6	84.435
#2	28501.	6870.5	1154.6	110.54	3213.1	81.804
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**4.4289**	**-1.1855**	**317.10**	**5488.9**
Stddev	.4802	.7840	.74	1.1
%RSD	10.843	66.131	.23321	.01952
#1	4.0894	-.63115	317.62	5488.2
#2	4.7685	-1.7399	316.57	5489.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-19 Acquired: 11/13/2007 10:42:08 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J8 Dilution: 1 Operator: SRV
Comment: 130

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6511.1**	**9156.6**	**125570.**	**22812.**
Stddev	44.2	56.2	630.	1315.
%RSD	.67817	.61361	.50141	5.7646
#1	6479.9	9116.9	125120.	23742.
#2	6542.3	9196.4	126020.	21882.

Sample Name: 0008708-20 Acquired: 11/13/2007 10:44:58 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J9 Dilution: 1 Operator: SRV
Comment: 131

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**77.507**	**151850.**	**466.10**	**2510.3**	**4.7493**	**39446.**
Stddev	.658	5393.	2.39	89.2	.1583	1457.
%RSD	.84933	3.5517	.51377	3.5538	3.3337	3.6930
#1	77.972	148040.	464.41	2447.3	4.6373	38416.
#2	77.041	155660.	467.79	2573.4	4.8612	40476.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**53.513**	**129.81**	**191.86**	**1056.0**	**167320.**	**29023.**
Stddev	.169	.03	.24	1.3	5524.	1079.
%RSD	.31529	.02453	.12761	.12120	3.3013	3.7191
#1	53.394	129.84	192.04	1055.1	163410.	28260.
#2	53.632	129.79	191.69	1056.9	171220.	29786.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-20 Acquired: 11/13/2007 10:44:58 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J9 Dilution: 1 Operator: SRV
Comment: 131

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**35065.**	**10751.**	**2737.1**	**147.69**	**9298.7**	**424.18**
Stddev	1250.	38.	98.5	.45	9.2	.75
%RSD	3.5632	.35494	3.5974	.30310	.09901	.17584
#1	34182.	10778.	2667.4	148.01	9292.2	424.70
#2	35949.	10724.	2806.7	147.38	9305.2	423.65
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**12.086**	**14.653**	**339.28**	**8912.5**
Stddev	.739	.562	.38	6.3
%RSD	6.1146	3.8330	.11326	.07078
#1	12.608	14.256	339.01	8908.1
#2	11.563	15.050	339.55	8917.0
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-20 Acquired: 11/13/2007 10:44:58 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23J9 Dilution: 1 Operator: SRV
Comment: 131

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6517.9**	**9401.5**	**128020.**	**22042.**
Stddev	12.7	17.8	455.	605.
%RSD	.19477	.18962	.35519	2.7469
#1	6508.9	9388.9	127700.	22470.
#2	6526.9	9414.1	128340.	21613.

Sample Name: 0008707-18 Acquired: 11/13/2007 10:47:47 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T3 Dilution: 1 Operator: SRV
Comment: 132

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**3.2299**	**87554.**	**54.091**	**1345.6**	**4.8290**	**91806.**
Stddev	.0537	920.	.450	8.7	.0181	905.
%RSD	1.6624	1.0506	.83171	.64361	.37391	.98584
#1	3.2679	86903.	53.773	1339.5	4.8162	91166.
#2	3.1920	88204.	54.409	1351.7	4.8418	92446.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**6.5212**	**57.481**	**94.937**	**158.43**	**92783.**	**21125.**
Stddev	.0447	.213	.125	.42	967.	112.
%RSD	.68495	.36975	.13218	.26494	1.0418	.53214
#1	6.5528	57.331	95.026	158.13	92100.	21046.
#2	6.4897	57.632	94.848	158.73	93467.	21205.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008707-18 Acquired: 11/13/2007 10:47:47 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T3 Dilution: 1 Operator: SRV
Comment: 132

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**27316.**	**4163.1**	**645.51**	**91.304**	**463.19**	**-3.9567**
Stddev	346.	33.3	7.53	.134	1.05	.7893
%RSD	1.2663	.80055	1.1670	.14633	.22694	19.947
#1	27071.	4139.5	640.19	91.398	463.93	-3.3986
#2	27560.	4186.6	650.84	91.209	462.45	-4.5148
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**2.9579**	**-2.5308**	**147.63**	**621.83**
Stddev	.4475	2.6531	.87	.32
%RSD	15.130	104.83	.58602	.05106
#1	2.6414	-4.4068	147.02	621.61
#2	3.2743	-.65476	148.24	622.06
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008707-18 Acquired: 11/13/2007 10:47:47 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T3 Dilution: 1 Operator: SRV
Comment: 132

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6555.5**	**9099.8**	**124740.**	**21702.**
Stddev	18.6	18.7	19.	115.
%RSD	.28373	.20586	.01495	.53001
#1	6542.3	9086.5	124750.	21784.
#2	6568.6	9113.0	124730.	21621.

Sample Name: 0008707-19 Acquired: 11/13/2007 10:50:34 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T4 Dilution: 1 Operator: SRV
Comment: 133

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**15.405**	**79099.**	**118.33**	**1195.9**	**3.8402**	**47176.**
Stddev	.341	1460.	2.22	21.6	.0850	802.
%RSD	2.2159	1.8460	1.8772	1.8042	2.2132	1.7010
#1	15.647	78067.	119.90	1180.6	3.7801	46609.
#2	15.164	80132.	116.76	1211.1	3.9003	47744.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**54.741**	**72.445**	**103.99**	**397.88**	**113190.**	**21741.**
Stddev	.155	.030	.10	1.57	1938.	408.
%RSD	.28339	.04194	.09352	.39364	1.7122	1.8746
#1	54.851	72.424	104.06	398.99	111820.	21453.
#2	54.631	72.467	103.92	396.78	114560.	22029.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008707-19 Acquired: 11/13/2007 10:50:34 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T4 Dilution: 1 Operator: SRV
Comment: 133

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**22234.**	**7220.5**	**1109.1**	**90.900**	**2930.9**	**57.049**
Stddev	353.	17.8	24.8	.050	1.5	1.304
%RSD	1.5894	.24618	2.2364	.05489	.05096	2.2851
#1	21984.	7207.9	1091.5	90.865	2929.9	57.971
#2	22484.	7233.1	1126.6	90.935	2932.0	56.127
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**6.8059**	**12.194**	**234.41**	**10531.**
Stddev	.4656	1.352	.91	39.
%RSD	6.8414	11.088	.38764	.37376
#1	6.4767	11.238	235.05	10503.
#2	7.1352	13.150	233.76	10558.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008707-19 Acquired: 11/13/2007 10:50:34 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T4 Dilution: 1 Operator: SRV
Comment: 133

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6674.3**	**9241.8**	**126800.**	**22010.**
Stddev	9.7	29.8	541.	114.
%RSD	.14595	.32199	.42654	.51808
#1	6667.5	9220.8	126410.	22090.
#2	6681.2	9262.9	127180.	21929.

Sample Name: 0008707-20 Acquired: 11/13/2007 10:53:19 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T5 Dilution: 1 Operator: SRV
Comment: 134

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**15.272**	**133890.**	**175.05**	**1795.1**	**5.3647**	**46562.**
Stddev	.092	4802.	3.62	65.4	.1712	1792.
%RSD	.60540	3.5865	2.0693	3.6426	3.1919	3.8488
#1	15.207	130500.	177.61	1748.9	5.2436	45295.
#2	15.338	137290.	172.49	1841.3	5.4857	47830.
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**48.976**	**102.84**	**178.35**	**360.26**	**162070.**	**19098.**
Stddev	.580	1.24	5.00	7.48	3961.	807.
%RSD	1.1833	1.2022	2.8057	2.0762	2.4438	4.2253
#1	49.386	103.71	174.81	354.97	159270.	18527.
#2	48.566	101.97	181.89	365.55	164870.	19669.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008707-20 Acquired: 11/13/2007 10:53:19 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T5 Dilution: 1 Operator: SRV
Comment: 134

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**31947.**	**7078.6**	**965.99**	**141.78**	**3132.8**	**87.255**
Stddev	1240.	159.2	39.00	1.18	30.4	1.630
%RSD	3.8822	2.2483	4.0368	.83300	.96958	1.8677
#1	31070.	6966.0	938.42	142.62	3154.3	88.407
#2	32824.	7191.1	993.56	140.95	3111.4	86.102
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**2.9966**	**.17937**	**341.04**	**8230.9**
Stddev	2.5022	1.1295	9.43	78.3
%RSD	83.502	629.72	2.7661	.95081
#1	4.7659	-.61933	334.37	8286.2
#2	1.2273	.97807	347.71	8175.6
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008707-20 Acquired: 11/13/2007 10:53:19 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23T5 Dilution: 1 Operator: SRV
Comment: 134

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6570.9**	**9361.9**	**129070.**	**22228.**
Stddev	79.8	109.5	2608.	571.
%RSD	1.2142	1.1694	2.0207	2.5694
#1	6514.5	9284.5	130920.	22632.
#2	6627.3	9439.3	127230.	21824.

Sample Name: BLANK Acquired: 11/13/2007 10:56:10 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.04254**	**-.68536**	**-.40453**	**.04745**	**.01599**	**.82530**
Stddev	.00870	4.5797	.47048	.04534	.05107	.22077
%RSD	20.456	668.22	116.30	95.556	319.34	26.751
#1	.03639	-3.9237	-.07186	.07951	.05210	.98141
#2	.04870	2.5530	-.73721	.01539	-.02012	.66919
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.02070**	**-.03444**	**-.09530**	**-.32468**	**8.3359**	**-20.143**
Stddev	.10099	.05926	.33411	.13146	.7610	15.175
%RSD	487.87	172.10	350.58	40.489	9.1287	75.335
#1	.09211	.00747	-.33156	-.23172	8.8739	-9.4128
#2	-.05071	-.07634	.14095	-.41763	7.7978	-30.873
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/13/2007 10:56:10 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-7.6579**	**1.0757**	**.22806**	**.17188**	**1.7497**	**-12.848**
Stddev	5.7467	.6694	.03685	.07804	.9662	.542
%RSD	75.044	62.231	16.159	45.405	55.222	4.2203
#1	-3.5943	.60235	.20200	.22707	2.4329	-13.232
#2	-11.721	1.5491	.25412	.11670	1.0665	-12.465
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**.60981**	**-.61742**	**.20012**	**3.0332**
Stddev	1.2059	.77345	.38452	.4512
%RSD	197.74	125.27	192.14	14.877
#1	-.24286	-1.1643	-.07177	3.3523
#2	1.4625	-.07051	.47202	2.7141
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/13/2007 10:56:10 Type: Unk
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: BLANK Dilution: 1 Operator: SRV
Comment: 5

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7663.7**	**9312.6**	**128780.**	**20448.**
Stddev	9.8	16.7	95.	479.
%RSD	.12840	.17960	.07376	2.3444
#1	7670.6	9324.5	128850.	20109.
#2	7656.7	9300.8	128720.	20787.

Sample Name: ZCRI Acquired: 11/13/2007 10:58:53 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**11.691**	**8.5433**	**9.5936**	**.28656**	**5.7238**	**10.617**
Stddev	.286	1.7435	.1754	.03320	.0096	1.477
%RSD	2.4482	20.408	1.8285	11.586	.16783	13.909
#1	11.489	7.3104	9.7176	.31003	5.7306	11.661
#2	11.894	9.7761	9.4695	.26308	5.7170	9.5724
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**5.3103**	**54.650**	**11.578**	**28.036**	**16.623**	**16.394**
Stddev	.1039	1.174	.385	.163	3.880	38.695
%RSD	1.9564	2.1488	3.3269	.57993	23.340	236.04
#1	5.3838	55.480	11.851	28.151	19.367	43.755
#2	5.2369	53.820	11.306	27.921	13.880	-10.968
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 11/13/2007 10:58:53 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**11.318**	**18.297**	**8.6391**	**43.930**	**11.703**	**40.314**
Stddev	2.165	.052	8.0468	1.151	.106	.791
%RSD	19.132	.28581	93.144	2.6192	.90440	1.9632
#1	12.849	18.334	14.329	44.743	11.778	39.755
#2	9.7864	18.260	2.9491	43.116	11.628	40.874
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**36.171**	**27.382**	**56.299**	**63.385**
Stddev	.271	1.379	.108	1.309
%RSD	.74857	5.0346	.19257	2.0655
#1	35.979	28.356	56.223	64.311
#2	36.362	26.407	56.376	62.460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 11/13/2007 10:58:53 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI Dilution: 1 Operator: SRV
Comment: 3

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7715.8**	**9345.2**	**127530.**	**20542.**
Stddev	131.5	155.0	316.	180.
%RSD	1.7037	1.6586	.24756	.87766
#1	7622.9	9235.6	127310.	20414.
#2	7808.8	9454.8	127750.	20669.

Sample Name: CRI Acquired: 11/13/2007 11:01:34 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**11.672**	**2.4425**	**10.457**	**.09975**	**5.9924**	**8.6799**
Stddev	.051	10.483	.187	.15939	.1265	1.5433
%RSD	.43359	429.18	1.7866	159.78	2.1105	17.781
#1	11.708	-4.9699	10.589	.21246	6.0818	9.7712
#2	11.636	9.8549	10.325	-.01295	5.9029	7.5886
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**5.3364**	**54.879**	**11.219**	**28.109**	**7.9399**	**-5.8300**
Stddev	.0149	.417	.247	.109	.9316	2.8155
%RSD	.27969	.76035	2.1993	.38766	11.733	48.293
#1	5.3469	55.174	11.393	28.032	8.5986	-3.8392
#2	5.3258	54.584	11.044	28.186	7.2811	-7.8209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/13/2007 11:01:34 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**6.7114**	**17.943**	**7.2645**	**43.828**	**10.596**	**46.180**
Stddev	8.9339	.163	3.2770	.492	.132	2.191
%RSD	133.12	.90711	45.110	1.1217	1.2445	4.7436
#1	.39416	18.058	4.9473	44.176	10.690	44.631
#2	13.029	17.828	9.5817	43.480	10.503	47.729
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**35.081**	**26.862**	**55.921**	**62.888**
Stddev	.018	.126	.149	.664
%RSD	.05035	.46894	.26581	1.0563
#1	35.094	26.773	56.026	63.357
#2	35.069	26.951	55.816	62.418
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/13/2007 11:01:34 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CRI Dilution: 1 Operator: SRV
Comment: 3

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7659.3**	**9245.9**	**126760.**	**19857.**
Stddev	47.4	41.2	1099.	345.
%RSD	.61935	.44595	.86722	1.7394
#1	7625.8	9216.7	125980.	19613.
#2	7692.9	9275.0	127530.	20102.

Sample Name: ICSA Acquired: 11/13/2007 11:04:14 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.08622**	**258050.**	**.02114**	**-3.1673**	**1.4765**	**240530.**
Stddev	.13049	15158.	.02604	.1447	.1015	10594.
%RSD	151.34	5.8740	123.18	4.5692	6.8743	4.4044
#1	-.00605	268770.	.03956	-3.2696	1.5483	248020.
#2	.17849	247340.	.00273	-3.0649	1.4047	233030.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.9072**	**3.0858**	**43.196**	**23.408**	**98004.**	**-91.575**
Stddev	.0895	.2390	.845	.152	5772.	53.307
%RSD	4.6912	7.7444	1.9562	.64827	5.8898	58.211
#1	1.9704	2.9168	42.598	23.515	102090.	-129.27
#2	1.8439	3.2548	43.793	23.300	93922.	-53.881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/13/2007 11:04:14 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**250980.**	**15.293**	**801.24**	**18.471**	**.54252**	**-10.435**
Stddev	14602.	.484	48.53	.070	1.9268	.810
%RSD	5.8178	3.1642	6.0566	.37883	355.16	7.7594
#1	261300.	14.951	835.56	18.422	-.81994	-9.8621
#2	240660.	15.635	766.93	18.521	1.9050	-11.007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-5.9539**	**-.93862**	**-.82426**	**23.599**
Stddev	.6190	.10222	.04816	.365
%RSD	10.397	10.890	5.8423	1.5467
#1	-6.3916	-1.0109	-.79021	23.341
#2	-5.5162	-.86634	-.85831	23.857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/13/2007 11:04:14 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSA Dilution: 1 Operator: SRV
Comment: 13

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6241.9**	**8381.0**	**114550.**	**19293.**
Stddev	5.4	3.2	29.	877.
%RSD	.08632	.03815	.02502	4.5442
#1	6238.1	8378.7	114530.	18673.
#2	6245.7	8383.2	114570.	19913.

248A 11/29/07

Sample Name: ICSAB Acquired: 11/13/2007 11:07:01 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**214.78**	**251130.**	**93.273**	**524.48**	**492.69**	**231770.**
Stddev	4.01	9651.	.093	18.59	18.32	5736.
%RSD	1.8683	3.8430	.09967	3.5442	3.7180	2.4749
#1	217.62	257960.	93.338	537.63	505.64	235830.
#2	211.94	244310.	93.207	511.34	479.74	227720.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**957.40**	**497.67**	**526.52**	**538.75**	**95574.**	**-83.134**
Stddev	1.00	.95	7.92	9.26	3625.	8.813
%RSD	.10422	.19075	1.5038	1.7183	3.7924	10.601
#1	958.11	498.34	532.12	545.30	98137.	-89.366
#2	956.70	497.00	520.92	532.21	93011.	-76.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/13/2007 11:07:01 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**241580.**	**508.36**	**764.27**	**1005.7**	**55.927**	**563.52**
Stddev	9571.	9.04	25.22	.2	3.048	11.43
%RSD	3.9619	1.7783	3.2999	.01951	5.4503	2.0289
#1	248350.	514.76	782.10	1005.8	53.771	555.43
#2	234810.	501.97	746.44	1005.5	58.082	571.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**55.849**	**92.493**	**492.63**	**972.51**
Stddev	5.831	.052	8.73	1.78
%RSD	10.441	.05674	1.7729	.18315
#1	51.725	92.456	498.80	971.25
#2	59.972	92.530	486.45	973.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/13/2007 11:07:01 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ICSAB Dilution: 1 Operator: SRV
Comment: 23

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6230.4**	**8361.3**	**114550.**	**19775.**
Stddev	7.7	10.8	1732.	721.
%RSD	.12373	.12947	1.5124	3.6471
#1	6235.8	8368.9	113320.	19265.
#2	6224.9	8353.6	115770.	20285.

Sample Name: CCV Acquired: 11/13/2007 11:09:43 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**613.23**	**5081.9**	**251.40**	**5176.8**	**125.62**	**12370.**
Stddev	13.11	5.9	.18	.8	.13	1.
%RSD	2.1371	.11677	.07031	.01479	.10010	.01064
#1	622.49	5086.1	251.28	5176.3	125.71	12369.
#2	603.96	5077.7	251.53	5177.4	125.53	12371.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**127.18**	**1236.7**	**478.52**	**607.42**	**2521.7**	**12739.**
Stddev	1.01	7.0	12.61	14.84	.1	32.
%RSD	.79558	.56355	2.6357	2.4436	.00583	.25273
#1	126.47	1231.8	487.44	617.91	2521.8	12762.
#2	127.90	1241.7	469.60	596.92	2521.6	12716.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/13/2007 11:09:43 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12268.**	**1214.1**	**12812.**	**1227.8**	**244.16**	**1261.5**
Stddev	19.	31.9	21.	8.9	2.68	24.2
%RSD	.15305	2.6312	.16240	.72269	1.0957	1.9195
#1	12281.	1236.7	12827.	1221.6	242.27	1244.4
#2	12255.	1191.5	12797.	1234.1	246.05	1278.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**255.50**	**250.29**	**1212.4**	**1190.4**
Stddev	.36	.45	29.7	7.6
%RSD	.14257	.17948	2.4521	.63522
#1	255.24	249.97	1233.4	1185.1
#2	255.76	250.61	1191.4	1195.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/13/2007 11:09:43 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCV Dilution: 1 Operator: SRV
Comment: 11

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7248.5**	**9042.7**	**128210.**	**20568.**
Stddev	44.1	53.9	2842.	38.
%RSD	.60852	.59573	2.2167	.18391
#1	7279.6	9080.8	126200.	20595.
#2	7217.3	9004.6	130220.	20541.

Sample Name: CCB Acquired: 11/13/2007 11:12:19 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.14557**	**1.8804**	**.22802**	**1.1772**	**.10319**	**10.582**
Stddev	.10328	3.5854	.13205	.0949	.03026	3.686
%RSD	70.946	190.67	57.912	8.0612	29.324	34.831
#1	.21860	4.4157	.13464	1.2443	.08179	13.188
#2	.07254	-.65486	.32139	1.1101	.12458	7.9755
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.15180**	**.79096**	**.16667**	**.39084**	**3.6635**	**5.8656**
Stddev	.02887	.25409	.10800	.02877	.8881	11.498
%RSD	19.020	32.124	64.798	7.3623	24.243	196.02
#1	.13138	.61129	.09030	.41119	3.0355	-2.2645
#2	.17221	.97062	.24304	.37049	4.2915	13.996
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/13/2007 11:12:19 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {445}	220.353 {453}	206.833 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_3710)	(In2306)	(In2306)	(Y_2243)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**9.6356**	**.34558**	**8.1603**	**1.0448**	**-.43070**	**9.6858**
Stddev	1.4690	.02353	2.7953	.4455	.59025	3.6527
%RSD	15.246	6.8097	34.255	42.635	137.04	37.712
#1	8.5969	.36222	6.1837	.72982	-.01333	12.269
#2	10.674	.32894	10.137	1.3598	-.84807	7.1030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**2.2295**	**.07025**	**.77620**	**.89696**
Stddev	1.0861	.81160	.02860	.25007
%RSD	48.715	1155.4	3.6841	27.880
#1	2.9976	-.50364	.79642	.72013
#2	1.4615	.64413	.75598	1.0738
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/13/2007 11:12:19 Type: QC
Method: TAL20071113A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: CCB Dilution: 1 Operator: SRV
Comment: 21

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7550.0**	**9115.0**	**125310.**	**20014.**
Stddev	10.3	4.2	172.	624.
%RSD	.13660	.04575	.13729	3.1173
#1	7542.7	9112.1	125440.	19573.
#2	7557.3	9118.0	125190.	20456.

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
281-292-5277

Sample Digestion – Logbook
ICP-AES

Effective	Area	Type	Number	Version	RCN
09-Nov-06	QA	FORM	2FORM05	1.0	675-0813

Method: ILMO 5.4 SOP: 2S0801 Circle One: (Total) / Dissolved Sample Matrix: SOIL
Prep Start Date &Time: 11/09/07 12:30 LCS ID: A606030 Prep Code: HS2 Prep Batch ID: ICPBLKQ2
Prep End Date &Time: 11/09/07 20:30 MS ID: comm Temperature of Hot Block: 94 °C Thermometer ID: –
HCl ID (conc. / 1 :1): 637-117-07 HNO_3 ID (conc. / 1 :1): 637-116-07 H_2O_2 ID: A601016 Others: –

Lab Sample ID	Client Sample ID	Sample Aliquot G / mL	Final Volume (mL)	Dil.	HCl Added (ml) (conc. / 1 :1)	HNO3 Added (ml) (conc. / 1 :1)	LCS Added (µl)	MS Added (µl)	H_2O_2 Added (ml)	Color Ini./Fin	Clarity Ini./Fin	Texture Ini./Fin	Comments
ICPBLKQ2	PBSQ2	1.00	100	1x	10	5/10	NA	NA	4ml	8/3	B/A	F	
ICPLCSQ2	LCSSQ2	1.0	10.0				–						
0008708-01	MH23 H0	1.02					NA			10/3			
-02	H1	1.11											
-03	H2	1.12											
-04	H3	1.02											
-05	H4	1.10											
-06	H5	1.11											
-07	H6	1.03											
-08	H7	1.05											
-08D	H7D	1.01											
-08S	H7S	1.02						comm					0.8 ml 637-45-07 2.0 ml A605005
-09	H8	1.02						NA					

Spiked by: [illegible] Spike verified By: [illegible] Digested By: [illegible]
Received for analysis by/Date: [illegible] 11/10/07 Reviewed by/Date: [illegible] 11/12/07

COLOR: Red =1; Blue = 2; Yellow = 3; Green = 4; Orange = 5; Violet = 6 ; White = 7; Brown = 8; Grey = 9; Black = 10; Colorless= 11.
CLARITY: Clear = A; Cloudy = B; Opaque = C **TEXTURE:** Fine = F; Medium = M; Coarse =R
ARTIFACTS: If Artifacts are present, enter "Artifacts" and describe in the Comments column.

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
281-292-5277

Sample Digestion – Logbook
ICP-AES

Effective	Area	Type	Number	Version	RCN
09-Nov-06	QA	FORM	2FORM05	1.0	675-0813

Method: ILM05-4 SOP: 2SOP01 Circle One: (Total) / Dissolved Sample Matrix: SOIL
Prep Start Date &Time: 11/09/07 12:20 LCS ID: A606030 Prep Code: HS2 Prep Batch ID: IQBLK02
Prep End Date &Time: 11/09/07 20:20 MS ID: Comm Temperature of Hot Block: 94 °C Thermometer ID: –
HCl ID (conc. / 1 :1): 637-117-07 HNO_3 ID (conc. / 1 :1): 637-116-07 H_2O_2 ID: A601016 Others: –

Lab Sample ID	Client Sample ID	Sample Aliquot G / mL	Final Volume (mL)	Dil.	HCl Added (ml) (conc. / 1 :1)	HNO3 Added (ml) (conc. / 1 :1)	LCS Added (µl)	MS Added (µl)	H_2O_2 Added (ml)	Color Ini./Fin	Clarity Ini./Fin	Texture Ini./Fin	Comments
0008708-10	MH23H9	1.02	100	1x	10	5/10	NA	NA	4ml	10/3	B/A	F	
-11	J0	1.01											
-12	J1	1.07											
-13	J2	1.12											
-14	J3	1.01											
-15	J4	1.02											
-16	J5	1.01											
-17	J6	1.02											
-18	J7	1.11											
-19	J8	1.02											
-20	J9	1.03											

Spiked by: SC Spike verified By: SW Digested By: SC
Received for analysis by/Date: SW 11/10/07 Reviewed by/Date: SW 11/13/07

COLOR : Red =1; Blue = 2; Yellow = 3; Green = 4; Orange = 5; Violet = 6 ; White = 7; Brown = 8; Grey = 9; Black = 10; Colorless= 11.
CLARITY : Clear = A; Cloudy = B; Opaque = C **TEXTURE:** Fine = F; Medium = M; Coarse =R
ARTIFACTS : If Artifacts are present, enter "Artifacts" and describe in the Comments column.

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
281-292-5277

CLP ILM05.3 ICP-AES Instrument Run Log

Instrument ID: B-ICP6500

Effective	Area	Type	Number	Version	RCN
25-Mar-07	MET	FORM	2FORM03	1.0	665-0716

START DATE: 11/12/07 START TIME: 14:25 END DATE: 11/12/07 END TIME: 15:53

SEQUENCE: TAL20071126 CALIBRATION ID: – ANALYTICAL METHOD: ILM05.4

SOP: 250P06 CAL STD ID 686-34-07 ICV/CCV ID: 686-36-07 / 686-35-07

ICB/CCB ID: 686-33-07 CRI ID: 686-37-07 2% HNO3 ID: 686-33-07

ICSA ID: 686-38-07 ICSAB ID: 686-38-07 ISTD ID: 686-39-07

CLIENT SAMPLE ID	LAB SAMPLE ID	DILUTION	PREP BATCH ID	COMMENTS
See attached computer generated printout				
Samples analyzed:	– 0008708			

NOTES :

ANALYST/DATE: SW 11/13/07 REVIEWER/DATE: 11/13/07

00000259

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-97-07 *Analysis Date:* 11/13/07

Sequence: TAL20071112E *Analyst/Date:* 11/13/07

Method 1LM05.4 *Reviewer/Date:*

SOP 2SOP06.

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	S0	11/12/07	14:25:30	1	TAL20071112E.t	
0	S	11/12/07	14:28:15	1	TAL20071112E.t	
0	ICV1	11/12/07	14:30:54	1	TAL20071112E.t	
0	ICB1	11/12/07	14:33:27	1	TAL20071112E.t	
0	CRDL1	11/12/07	14:36:12	1	TAL20071112E.t	
0	ICS-A1	11/12/07	14:38:53	1	TAL20071112E.t	
0	ICS-AB1	11/12/07	14:41:40	1	TAL20071112E.t	
0	CCV1	11/12/07	14:44:21	1	TAL20071112E.t	
0	CCB1	11/12/07	14:46:57	1	TAL20071112E.t	
0	ICPBLKQ2	11/12/07	14:49:42	1	TAL20071112E.t	
0	ICPLCSQ2	11/12/07	14:52:28	1	TAL20071112E.t	
0	0008708-01	11/12/07	14:55:16	1	TAL20071112E.t	
0	0008708-02	11/12/07	14:58:09	1	TAL20071112E.t	
0	0008708-03	11/12/07	15:00:58	1	TAL20071112E.t	
0	0008708-04	11/12/07	15:03:49	1	TAL20071112E.t	
0	0008708-05	11/12/07	15:06:37	1	TAL20071112E.t	
0	0008708-06	11/12/07	15:09:27	1	TAL20071112E.t	
0	0008708-07	11/12/07	15:12:18	1	TAL20071112E.t	
0	BLANK	11/12/07	15:15:07	1	TAL20071112E.t	
0	CCV2	11/12/07	15:17:50	1	TAL20071112E.t	
0	CCB2	11/12/07	15:20:26	1	TAL20071112E.t	
0	0008708-08	11/12/07	15:23:12	1	TAL20071112E.t	
0	0008708-08D	11/12/07	15:26:01	1	TAL20071112E.t	
0	0008708-08S	11/12/07	15:28:50	1	TAL20071112E.t	
0	0008708-08L	11/12/07	15:31:43	5	TAL20071112E.t	
0	0008708-09	11/12/07	15:34:30	1	TAL20071112E.t	
0	BLANK	11/12/07	15:37:22	1	TAL20071112E.t	
0	ZCRI	11/12/07	15:40:06	1	TAL20071112E.t	
0	CRDL2	11/12/07	15:42:48	1	TAL20071112E.t	
0	ICS-A2	11/12/07	15:45:28	1	TAL20071112E.t	00000250

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-97-07 *Analysis Date:* 11/12/07

Sequence: TAL20071112E *Analyst/Date:* SMJ 11/13/07

Method ILM05.4 *Reviewer/Date:*

SOP 2S0P06.

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	ICS-AB2	11/12/07	15:48:15	1	TAL20071112E.t	
0	CCV3	11/12/07	15:50:56	1	TAL20071112E.t	
0	CCB3	11/12/07	15:53:32	1	TAL20071112E.t	
~~0~~	~~0008708-10~~	~~11/12/07~~	~~15:56:18~~	~~1~~	~~TAL20071112E.t~~	
0	0008708-11	11/12/07	15:59:08	1	TAL20071112E.t	
0	0008708-12	11/12/07	16:01:59	1	TAL20071112E.t	
0	0008708-13	11/12/07	16:04:47	1	TAL20071112E.t	
0	0008708-14	11/12/07	16:07:36	1	TAL20071112E.t	
0	0008708-15	11/12/07	16:10:27	1	TAL20071112E.t	
0	0008708-16	11/12/07	16:13:16	1	TAL20071112E.t	
0	0008708-17	11/12/07	16:16:08	1	TAL20071112E.t	
0	0008708-18	11/12/07	16:18:59	1	TAL20071112E.t	
0	BLANK	11/12/07	16:21:49	1	TAL20071112E.t	
0	CCV4	11/12/07	16:24:32	1	TAL20071112E.t	
0	CCB4	11/12/07	16:27:09	1	TAL20071112E.t	
0	0008708-19	11/12/07	16:29:55	1	TAL20071112E.t	
0	0008708-20	11/12/07	16:32:47	1	TAL20071112E.t	
0	ZZZZZ	11/12/07	16:35:36	1	TAL20071112E.t	
0	ICPBLKQ1	11/12/07	16:38:20	1	TAL20071112E.t	
0	ICPLCSQ1	11/12/07	16:41:07	1	TAL20071112E.t	
0	BLANK	11/12/07	16:43:56	1	TAL20071112E.t	
0	CRDL3	11/12/07	16:46:40	1	TAL20071112E.t	
0	CRDL4	11/12/07	16:49:22	1	TAL20071112E.t	
0	ICS-A3	11/12/07	16:52:03	1	TAL20071112E.t	
0	ICS-AB3	11/12/07	16:54:50	1	TAL20071112E.t	
0	CCV5	11/12/07	16:57:31	1	TAL20071112E.t	
~~0~~	~~CCB5~~	~~11/12/07~~	~~17:00:08~~	~~1~~	~~TAL20071112E.t~~	

000000261

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	CLP ILM05.3 ICP-AES Instrument Run Log Instrument ID: B-ICP6500				
Effective	Area	Type	Number	Version	RCN
25-Mar-07	MET	FORM	2FORM03	1.0	665-0716

START DATE: 11/13/07 START TIME: 9:44 END DATE: 11/13/07 END TIME: 11:25

SEQUENCE: TAL20071113A CALIBRATION ID: -- ANALYTICAL METHOD: ILM05.3

SOP: 2S0P06 CAL STD ID 686-34-07 ICV/CCV ID: 686-36-07 / 686-35-07

ICB/CCB ID: 686-33-07 CRI ID: 686-37-07 2% HNO3 ID: 686-33-07

ICSA ID: 686-38-07 ICSAB ID: 686-38-07 ISTD ID: 686-39-07

CLIENT SAMPLE ID	LAB SAMPLE ID	DILUTION	PREP BATCH ID	COMMENTS
See attached, computer generated, printout				
Samples analyzed:- 8708; 8707; dilutions, analytical spikes for				
8702, 8703, 8704, 8705 and 8706 & 8707.				

NOTES:

ANALYST/DATE: SNW 11/13/07 REVIEWER/DATE: 11/13/07

00000262

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-98-07 *Analysis Date:* 11/13/07

Sequence: TAL20071113A *Analyst/Date:* RW 11/13/07

Method ILM05.3 *Reviewer/Date:* RRP 11/15/07

SOP 250P06.

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	S0 / S0	11/13/07	09:44:26	1.00	TAL20071113A.txt	
0	S / S	11/13/07	09:47:11	1.00	TAL20071113A.txt	
0	ICV1 / ICV	11/13/07	09:49:49	1.00	TAL20071113A.txt	
0	ICB1 / ICB	11/13/07	09:52:23	1.00	TAL20071113A.txt	
0	CRDL1 / CRI	11/13/07	09:55:07	1.00	TAL20071113A.txt	
0	ICS-A1 / ICSA	11/13/07	09:57:48	1.00	TAL20071113A.txt	
0	ICS-AB1 / ICSAB	11/13/07	10:00:35	1.00	TAL20071113A.txt	
0	CCV1 / CCV	11/13/07	10:03:16	1.00	TAL20071113A.txt	
0	CCB1 / CCB	11/13/07	10:05:51	1.00	TAL20071113A.txt	
0	0008708-10 / MH23H9	11/13/07	10:08:36	1.00	TAL20071113A.txt	121
0	0008708-11 / MH23J0	11/13/07	10:11:25	1.00	TAL20071113A.txt	122
0	0008708-12 / MH23J1	11/13/07	10:14:16	1.00	TAL20071113A.txt	123
0	0008708-13 / MH23J2	11/13/07	10:17:04	1.00	TAL20071113A.txt	124
0	0008708-14 / MH23J3	11/13/07	10:19:54	1.00	TAL20071113A.txt	125
0	0008708-15 / MH23J4	11/13/07	10:22:44	1.00	TAL20071113A.txt	126
0	0008708-16 / MH23J5	11/13/07	10:25:33	1.00	TAL20071113A.txt	127
0	0008708-17 / MH23J6	11/13/07	10:28:20	1.00	TAL20071113A.txt	128
0	0008708-18 / MH23J7	11/13/07	10:31:12	1.00	TAL20071113A.txt	129
0	BLANK / BLANK	11/13/07	10:34:02	1.00	TAL20071113A.txt	
0	CCV2 / CCV	11/13/07	10:36:47	1.00	TAL20071113A.txt	
0	CCB2 / CCB	11/13/07	10:39:22	1.00	TAL20071113A.txt	
0	0008708-19 / MH23J8	11/13/07	10:42:08	1.00	TAL20071113A.txt	130
0	0008708-20 / MH23J9	11/13/07	10:44:58	1.00	TAL20071113A.txt	131
0	0008707-18 / MH23T3	11/13/07	10:47:47	1.00	TAL20071113A.txt	132
0	0008707-19 / MH23T4	11/13/07	10:50:34	1.00	TAL20071113A.txt	133
0	0008707-20 / MH23T5	11/13/07	10:53:19	1.00	TAL20071113A.txt	134
0	BLANK / BLANK	11/13/07	10:56:10	1.00	TAL20071113A.txt	
0	ZCRI / ZCRI	11/13/07	10:58:53	1.00	TAL20071113A.txt	
0	CRDL2 / CRI	11/13/07	11:01:34	1.00	TAL20071113A.txt	
0	ICS-A2 / ICSA	11/13/07	11:04:14	1.00	TAL20071113A.txt	00000263

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-98-07 *Analysis Date:* 11/13/07
Sequence: TAL20071113A *Analyst/Date:* GNO 11/13/07
Method ILM05.3 *Reviewer/Date:* RDP 11/15/07
SOP 2SOP06

No.	Lab Sample / Client Sample	Analysis Date	Time	DF	Data File	Standard ID & Comments
0	ICS-AB2 / ICSAB	11/13/07	11:07:01	1.00	TAL20071113A.txt	
0	CCV3 / CCV	11/13/07	11:09:43	1.00	TAL20071113A.txt	
0	CCB3 / CCB	11/13/07	11:12:19	1.00	TAL20071113A.txt	
0	~~ICPBLKQ0 / PBSQ0~~	11/13/07	11:15:05	1.00	TAL20071113A.txt	135
0	ICPLCSQ0 / LCSSQ0	11/13/07	11:17:53	1.00	TAL20071113A.txt	136
0	0008707-01 / MH23R6	11/13/07	11:20:42	1.00	TAL20071113A.txt	137
0	0008707-02 / MH23R7	11/13/07	11:23:33	1.00	TAL20071113A.txt	138
0	0008707-03 / MH23R8	11/13/07	11:26:25	1.00	TAL20071113A.txt	139
0	0008707-04 / MH23R9	11/13/07	11:29:17	1.00	TAL20071113A.txt	140
0	0008707-05 / MH23S0	11/13/07	11:32:02	1.00	TAL20071113A.txt	141
0	0008707-06 / MH23S1	11/13/07	11:34:49	1.00	TAL20071113A.txt	142
0	0008707-07 / MH23S2	11/13/07	11:37:35	1.00	TAL20071113A.txt	143
0	BLANK / BLANK	11/13/07	11:40:25	1.00	TAL20071113A.txt	
0	CCV4 / CCV	11/13/07	11:43:10	1.00	TAL20071113A.txt	
0	CCB4 / CCB	11/13/07	11:45:45	1.00	TAL20071113A.txt	
0	0008707-08 / MH23S3	11/13/07	11:48:32	1.00	TAL20071113A.txt	144
0	0008707-09 / MH23S4	11/13/07	11:51:25	1.00	TAL20071113A.txt	145
0	0008707-10 / MH23S5	11/13/07	11:54:16	1.00	TAL20071113A.txt	146
0	0008707-11 / MH23S6	11/13/07	11:57:09	1.00	TAL20071113A.txt	147
0	0008707-12 / MH23S7	11/13/07	12:00:01	1.00	TAL20071113A.txt	148
0	BLANK / BLANK	11/13/07	12:02:45	1.00	TAL20071113A.txt	
0	ZCRI / ZCRI	11/13/07	12:05:29	1.00	TAL20071113A.txt	
0	CRDL3 / CRI	11/13/07	12:08:11	1.00	TAL20071113A.txt	
0	ICS-A3 / ICSA	11/13/07	12:10:52	1.00	TAL20071113A.txt	
0	ICS-AB3 / ICSAB	11/13/07	12:13:39	1.00	TAL20071113A.txt	
0	CCV5 / CCV	11/13/07	12:16:20	1.00	TAL20071113A.txt	
0	CCB5 / CCB	11/13/07	12:18:56	1.00	TAL20071113A.txt	
0	0008707-13 / MH23S8	11/13/07	12:21:42	1.00	TAL20071113A.txt	149
0	0008707-14 / MH23S9	11/13/07	12:24:34	1.00	TAL20071113A.txt	150
0	0008707-15 / MH23T0	11/13/07	12:27:20	1.00	TAL20071113A.txt	

JS 11/29/07

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Standards Prep Logbook Metals				
Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-33-07	**Analyst:**	SLT
Solution Name:	2% HNO_3		
Dilution Solvent #:	DI water		
Prep Date:	11/11/07	**Total Vol. (ml):**	2000
Expiration Date:	11/11/08		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
HNO_3 (A710032)	neat	40	2% (v/v)
	SLT 11/11/07		

NOTES _____

REVIEWER (SIGN): Bro DATE: 11/13/07

00000265

Table 5. Solution and standards preparation chart

2% NITRIC ACID (**S0, ICB, CCB**)

STANDARD	VENDOR	CAT#	CONC (µg/ml)	SPIKE VOLUME (mL)	FINAL CONC
Nitric Acid	EMD	NX0407-2		20	2%
Reagent water				980	
			TOT. VOL.	1000	

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Standards Prep Logbook Metals				
Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-34-07	**Analyst:**	SLT
Solution Name:	S (AES)		
Dilution Solvent #:	2% HNO_3 (686-33-07)		
Prep Date:	11/11/07	**Total Vol. (ml):**	100.
Expiration Date:	12/11/07		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
CLP CAL SOLA (A701003)	50-5000	500	0.25-25
↓ SOLB (A701004)	250	500	1.25
CAL2 (A701006)	1000	250	2.5
↓ 3 (A605036)	1000-500	50	0.25-0.5
	SLT 11/11/07		

NOTES _____

REVIEWER (SIGN): SM DATE: 11/13/07

000000267

Table 7. ICP/AES-Initial Calibration Standard (S)

Standard Name	Vendor & Catalog #	Element	Initial Conc. ug/L	Aliquot (uL)	Final Conc. ug/L
CLP-CAL-1, SOL A	High Purity #CLP-CAL-1, SOL A	Al	2,000,000	250	10,000
		Co	500,000		2,500
		Ni	500,000		2,500
		Ba	2,000,000		10,000
		Cu	250,000		1,250
		K	5,000,000		25,000
		Be	50,000		250
		Fe	1,000,000		5,000
		Na	5,000,000		25,000
		Ca	5,000,000		25,000
		Mg	5,000,000		25,000
		V	500,000		2,500
		Cr	200,000		1,000
		Mn	500,000		2,500
		Zn	500,000		2,500
CLP-CAL-1, SOL B	High Purity CLP-CAL-1, SOL B	Ag	250,000	250	1,250
CLP-CAL-2	High Purity CLP-CAL-2	Sb	1,000,000	125	2,500
CLP-CAL-3	High Purity CLP-CAL-3	As	1,000,000	25	500
		Cd	500,000		250
		Pb	1,000,000		500
		Tl	1,000,000		500
		Se	1,000,000		500
2% Nitric Acid (uL)				49,350	
Total Volume (uL)				50,000	

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Standards Prep Logbook Metals				
Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-35-07	**Analyst:**	SLE
Solution Name:	CCV (AES)		
Dilution Solvent #:	2% HNO_3 (686-33-07)		
Prep Date:	11/11/07	**Total Vol. (ml):**	100
Expiration Date:	12/11/07		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
CLP CAL SOLA (A701003)	50-5000	250	0.125-12.5
↓B (A701004)	250	250	0.625
CAL2 (A701006)	1000	125	1.25
↓3 (A605036)	1000-500	25	0.125-0.25
	SLE 11/11/07		

NOTES _____

REVIEWER (SIGN): BW DATE: 11/13/07

00000269

Table 8. ICP/AES-Continuing Calibration Verification Standard (CCV)

Standard Name	Vendor & Catalog #	Element	Initial Conc. ug/L	Aliquot (uL)	Final Conc. ug/L
CLP-CAL-1, SOL A	High Purity CLP-CAL-1, SOL A	Al	2,000,000	125	5,000
		Co	500,000		1,250
		Ni	500,000		1,250
		Ba	2,000,000		5,000
		Cu	250,000		625
		K	5,000,000		12,500
		Be	50,000		125
		Fe	1,000,000		2,500
		Na	5,000,000		12,500
		Ca	5,000,000		12,500
		Mg	5,000,000		12,500
		V	500,000		1,250
		Cr	200,000		500
		Mn	500,000		1,250
		Zn	500,000		1,200
CLP-CAL-1, SOL B	High Purity CLP-CAL-1, SOL B	Ag	250,000	125	625
CLP-CAL-2	High Purity CLP-CAL-2	Sb	1,000,000	62.5	1,250
CLP-CAL-3	High Purity CLP-CAL-3	As	1,000,000	12.5	250
		Cd	500,000		125
		Pb	1,000,000		250
		Tl	1,000,000		250
		Se	1,000,000		250
2% Nitric Acid (uL)				49,675	
Total Volume (uL)				50,000	

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Standards Prep Logbook Metals				
Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-36-07	**Analyst:**	SLT
Solution Name:	ICV (AES)		
Dilution Solvent #:	2% HNO_3 (686-33-07)		
Prep Date:	11/11/07	**Total Vol. (ml):**	100.
Expiration Date:	12/11/07		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
ICVI (1201) (A708003)	4920-101,000	10	492-10180
	SLT 11/11/07		

NOTES _____

REVIEWER (SIGN): SW DATE: 11/13/07.

000000271

Table 9. ICP/AES-Initial Calibration Verification Standard (ICV)

Standard Name	Vendor Cat#	Element	Initial Conc. ug/L	Aliquot (uL)	Final Conc. ug/L
ICV-1 (1201)	EPA Ref Material ICV-1 (1201)	Al	24,820	1,000	2,482
		Sb	9,920		992
		As	9,960		996
		Ba	5,020		502
		Be	4,930		493
		Cd	4,940		494
		Ca	101,800		10,180
		Cr	4,900		490
		Co	4,960		496
		Cu	4,900		490
		Fe	51,070		5,107
		Pb	9,960		996
		Mg	60,030		6,003
		Mn	4,950		495
		Ni	4,920		492
		K	100,080		10,008
		Se	10,050		1,005
		Ag	4,950		495
		Na	100,390		10,039
		Tl	10,270		1,027
		V	5,010		501
		Zn	10,000		1,000
2% Nitric Acid (uL)				9,000	
Total Volume (uL)				10,000	

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Standards Prep Logbook Metals				
Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-37-07	**Analyst:**	SLF
Solution Name:	CRI (AES)		
Dilution Solvent #:	2% HNO_3 (686-33-07)		
Prep Date:	11/11/07	**Total Vol. (ml):**	100.
Expiration Date:	12/11/07		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
CRQL (A701005)	6-120	100	3-60
Pb (637-44-07)	10	140	7
Tl (637-46-07)		300	15
Se (637-129-07)		600	30
Zn (637-47-07)		800	40
	SLF 11/11/07		

NOTES _____

REVIEWER (SIGN): _____ DATE: 11/13/07

00000273

Table 10. ICP/MS-CRQL Check Standard (CRI)

Standard Name	VENDOR-CAT#	Element	CONC. (ug/L)	Aliquot (uL)	Final Conc. (ug/L)
CRDL Detect. Limits Std	High Purity # CRDL	Sb	120,000	25	60
		Co	100,000		50
		Se	10,000		5
		As	20,000		10
		Cu	50,000		25
		Ag	20,000		10
		Be	10,000		5
		Pb	6,000		3
		Tl	20,000		10
		Cd	10,000		5
		Mn	30,000		15
		V	100,000		50
		Cr	20,000		10
		Ni	80,000		40
		Zn	40,000		20
Lead 10PPM	High Purity 100028-1 (Diluted 100x to give 10PPM)	Pb	10,000	35	7
Selenium 10PPM	High Purity 100049-1 (Diluted 100x to give 10PPM)	Se	10,000	150	30
Thallium 10PPM	High Purity 100058-1 (Diluted 100x to give 10PPM)	Tl	10,000	75	15
Zinc 10PPM	High Purity 100068-1 (Diluted 100x to give 10PPM)	Zn	10,000	200	40
2% Nitric Acid (uL)			49,515		
Total Volume (uL)			50,000		

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Standards Prep Logbook Metals				
Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-38-07	**Analyst:**	SK
Solution Name:	ICSA & ICSAB		
Dilution Solvent #:	2% HNO_3 (686-33-07)		
Prep Date:	11/11/07	**Total Vol. (ml):**	100 Each
Expiration Date:	12/11/07		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
ICSA QATSA (A709052)	10-2488,000	10.0	1-248,800
-	-	-	-
ICSAB QATSA (A709052)	10-2488,000	10.0	1-248,800
QATSB (A708002)	510-2541,000	10.0	51-2541,000.
	SK 11/11/07		

NOTES _____

REVIEWER (SIGN): SM DATE: 11/13/07.

000000275

QATS INORGANIC REFERENCE MATERIAL
INTERFERENCE CHECK SAMPLE SET
PART A (1206) WITH PART B (0203) FOR ICP-AES

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: ILM05.4 Pre-award, Quarterly Blind, CLP laboratory referee, and QATS analysis. Preparation and analysis must be performed according to the following instructions:

Part A (1206), Interferents: Pipet 10 mL of the Part A solution into a 100-mL volumetric flask and dilute to volume with 2% v/v HNO3. Analyze this solution, Soln. A, by ICP-AES.

Part B (0203), Analytes, mixed with Part A (1206), 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 HNO3. Analyze this solution, Soln. AB, by ICP-AES.

NOTE: THIS ICS SET FOR USE WITH ILM05.4 AND REVISIONS ONLY, NOT ILM04.x.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES PART A (1206) AND PART A (1206) MIXED WITH PART B (0203)

Element	Concentration (µg/L) Part A	Concentration (µg/L) Part A + Part B
Al	244100	241100
Sb	(0)	589
As	(0)	101
Ba	2	495
Be	(0)	475
Cd	(0)	940
Ca	234900	231100
Cr	43	511
Co	(4)	461
Cu	(23)	548
Fe	95600	94800
Pb	10	61
Mg	247500	251100
Mn	19	502
Ni	(21)	984
Se	(0)	53
Ag	(0)	206
Tl	(0)	103
V	(0)	494
Zn	28	1028

( ) 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.

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Standards Prep Logbook Metals				
Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-39-07	**Analyst:**	SLE
Solution Name:	8 Internal Standard (AES)		
Dilution Solvent #:	2% HNO_3 (686-33-07)		
Prep Date:	11/11/07	**Total Vol. (ml):**	2000
Expiration Date:	12/11/07		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
Y (A605037)	1000	10.0	5.0
In (A708004)	10,000	8.0	40.0
	SLE 11/11/07		

NOTES _____

REVIEWER (SIGN): SW DATE: 11/13/07

00000277

Table 13. ICP/AES Internal Standard Solution

Standard Name	VENDOR-CAT#	Element	Initial Conc. (ug/L)	Aliquot (uL)	Final Conc. (ug/L)
Yttrium	Environmental Express # HP100067-1	Y	1,000,000	1,000	1,000
			2% Nitric Acid (uL)	999,000	
			Total Volume (uL)	1,000,000	

Table 14. ICP/AES Matrix Spike Solution-**Water**

Standard Name	Vendor & Catalog #	Element	Initial Conc. ug/L	Aliquot (uL)	Final Conc. in 50ml sample digestate ug/L
CLP-MS-SPK	Inorganic Ventures #CLP-MS - SPK	Ag	5,000	500	50
		Al	200,000		2,000
		As	4,000		40
		Ba	200,000		2,000
		Be	5,000		50
		Cd	5,000		50
		Co	50,000		500
		Cr_3	20,000		200
		Cu	25,000		250
		Mn	50,000		500
		Ni	50,000		500
		Pb	2,000		20
		Sb	10,000		100
		Se	1,000		10
		Tl	5,000		50
		V	50,000		500
		Zn	50,000		500
Selenium	High Purity # 100049-1 (100x dil)	Se	10,000	200	40
Iron	High Purity # 10M26-1 (100x dil)	Fe	100,000	500	1,000

A4 Scientific 1544 Sawdust Road, Suite 505 The Woodlands, TX 77380 281-292-5277	Percent Solids Logbook				
Effective	Area	Type	Number	Version	RCN
28-Sep-06	WET CHEM	FORM	5FORM03	1.0	670-0731

DATE IN: 11/13/07 TIME IN: 11:00 TEMP IN: 104°C.

DATE OUT (1): 11/14/07 TIME OUT (1): 8:15 TEMP OUT (1): 104°C

DATE OUT (2): – TIME OUT (2): – TEMP OUT (2): –

DATE OUT (3): – TIME OUT (3): – TEMP OUT (3): –

SOP: 1083 Method: ASTMD2216-92/SM2540G/ILM05.3/SOM1.1/other.

Oven ID: A Thermometer ID: SER2

Pan # A	Lab Sample ID B	Client Sample ID C	Pan Weight (g) D	Pan + Wet Sample (g) E	Pan + Dry Sample #1 (g) F	Pan + Dry Sample #2 (g) F	Pan + Dry Sample #3 (g) F	Percent solids ** I
10	7110008BLK1	PMBLK56	1.8	–	1.8	–	–	–
3	8708-01	MH23H0	1.8	11.7	9.2	N/A	N/A	74.7
4	-02	H1	1.8	11.9	10.5			86.1
8	-03	H2	1.8	11.4	9.7			82.3
16	-04	H3	1.8	11.5	9.8			82.5
17	-05	H4	1.7	11.2	10.4			91.6
18	-06	H5	1.9	11.2	9.8			84.9
19	-07	H6	1.7	11.6	10.2			85.8
22	-08	H7	1.7	11.2	8.8			74.7
32	-08D	H7D	1.9	11.4	8.9			73.7
35	-09	H8	1.9	11.9	5.9			40.0
36	-10	H9	1.8	11.7	10.6			88.9
37	-11	J0	1.8	11.7	6.4			46.5
38	-12	J1	1.8	11.8	10.2			84.0
41	-13	J2	1.8	11.2	9.8			79.8
44	-14	J3	2.0	11.3	10.0			86.0

Notes:

Analyst/Date: RS 11/14/07 Reviewer/Date: 11/15/07

Final Dry Weight (F) is used when monitored final weights are consistent.

**Percent solids(G) ={(F-D)/(E-D)}*100

000000279

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
281-292-5277

Percent Solids Logbook

Effective	Area	Type	Number	Version	RCN
28-Sep-06	WET CHEM	FORM	5FORM03	1.0	670-0731

DATE IN: 11/13/07 TIME IN: 11:00 TEMP IN: 104°c

DATE OUT (1): 11/14/07 TIME OUT (1): 8.15 TEMP OUT (1): 104°c

DATE OUT (2): – TIME OUT (2): – TEMP OUT (2): –

DATE OUT (3): – TIME OUT (3): – TEMP OUT (3): –

SOP: 1083 Method: ASTMD2216-92/SM2540G/ILM05.6/SOM1.1/other.

Oven ID: A Thermometer ID: SER2

Pan # A	Lab Sample ID B	Client Sample ID C	Pan Weight (g) D	Pan + Wet Sample (g) E	Pan + Dry Sample #1 (g) F	Pan + Dry Sample #2 (g) F	Pan + Dry Sample #3 (g) F	Percent solids ** I
49	8708-15	MH23J4	1.9	11.3	9.6	N/A	N/A	81.9
51	-16	J5	1.8	11.6	10.3			86.7
54	-17	J6	1.7	11.5	8.2			66.3
45	-18	J7	1.7	11.5	9.2			76.5
42	-19	J8	1.8	11.3	9.8			84.2
46	-20	J9	1.8	11.3	9.7			83.1

RJ
11/14/07

Notes:

Analyst/Date: RJ 11/14/07 Reviewer/Date: SW 11/15/07.

Final Dry Weight (F) is used when monitored final weights are consistent.
**Percent solids(G) ={(F-D)/(E-D)}*100

00000280

36948 MH2360
8702 11/9/07

FedEx Express US Airbill

FedEx Tracking Number 8631 9857 5033

Form ID No. 0200

Recipient's Copy

1 From

Date 11/8/07 [redacted]

Sender's Name [illegible] Phone [illegible]

Company [illegible]

Address [illegible] Dept./Floor/Suite/Room

City [illegible] State [illegible] ZIP [illegible]

11/9/07 943

2 Your Internal Billing Reference

3 To

Recipient's Name Phone [illegible]

Company A+ [illegible]

Recipient's Address [illegible]

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address [illegible]

To request a package be held at a specific FedEx location, print FedEx address here.

City [illegible] State TX ZIP [illegible]

8631 9857 5033

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — *Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — *Third business day.** Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] *SATURDAY Delivery* — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] *HOLD Weekday* at FedEx Location — Not available for FedEx First Overnight.
- [ ] *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.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†
6	[illegible]	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

Rev. Date 10/06 Part #153291 ©1994–2006 FedEx PRINTED IN U.S.A. SRY

fedex.com 1.800.GoFedEx 1.800.463.3339

Designate:

Comp. | Grab

0708-01

Station

Tag No. 8-309988

Case No:36948 Richardson Flat Tailings

Sample ID: UE02-CNTY-0.5
Date: 10/29/2007 Time:15:00

Sample No: MH23H0
Analysis: TM

Preservative: Yes ☐ No ☐

Lab Sample No.

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

Station Location

Tag No. 8-309982

Case No:36948 Richardson Flat Tailings

Sample ID: UE03-29-0.5
Date: 10/29/2007 Time:17:30

Sample No: MH23H1
Analysis: TM

0708-02

Remarks:

Bacteriology | Mutagenicity | Pesticides | Volatile Organics

Lab Sample No.

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

Station Location

Tag No. 8-309983

Case No:36948 Richardson Flat Tailings

Sample ID: UE03-CNTY-0.5
Date: 10/29/2007 Time:14:35

Sample No: MH23H2
Analysis: TM

0708-03

Remarks:

Bacteriology

Lab Sample No.

0000008283

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

Tag No. 8-309978

Station Location

Lab Sample No.

Remarks:

Bacteriology

Mutagenicity

Case No:36948 Richardson Flat Tailings

Sample ID: UE04-29-0.5
Date: 10/29/2007 Time:16:40

Sample No: MH23H3
Analysis: TM

0708-04

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

Tag No. 8-309980

Station Location

Lab Sample No.

Remarks:

0708-05

Case No:36948 Richardson Flat Tailings

Sample ID: UE04-29-1.0
Date: 10/29/2007 Time:17:10

Sample No: MH23H4
Analysis: TM

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

Tag No. 8-309981

Station Location

Lab Sample No.

Remarks:

Bacteriology

Case No:36948 Richardson Flat Tailings

Sample ID: UE04-CNTY-0.5
Date: 10/29/2007 Time:15:20

Sample No: MH23H5
Analysis: TM

0709-06

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

Station Location

Tag No. 8-309969

Lab Sample No.

Remarks:

Bacteriology

Case No:36948 Richardson Flat Tailings

Sample ID: UE05-29-0.5
Date: 10/29/2007 Time:16:20

Sample No: MH23H6
Analysis: TM

0708-07

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

Station Locat

Tag No. 8-309965

Lab Sample No.

0708-08

Preservative: No ☐

S:

(SS)

Case No:36948 Richardson Flat Tailings

Sample ID: UE05-CNTY-0.5
Date: 10/30/2007 Time:10:15

Sample No: MH23H7
Analysis: TM

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

Station Location

Tag No. 8-309989

Lab Sample No.

Remarks:

Bacteriology

Case No:36948 Richardson Flat Tailings

Sample ID: UE07-28A1X-0.5
Date: 10/29/2007 Time:14:00

Sample No: MH23H8
Analysis: TM

0708-09

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

Tag No. 8-309971

Station Location

Lab Sample No.

Case No:36948 Richardson Flat Tailings

Sample ID: UE07-29-0.5
Date: 10/29/2007 Time:16:05

Sample No: MH23H9
Analysis: TM

0708-10

Remarks:

Preservative: Yes ☐ No ☐

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

Tag No. 8-309985

Station Location

Lab Sample No.

Case No:36948 Richardson Flat Tailings

Sample ID: UE07-28A1X-1.0
Date: 10/29/2007 Time:14:15

Sample No: MH23J0
Analysis: TM

0708-11

Remarks:

Preservative: Yes ☐ No ☐

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

Tag No. 8-309967

Station Location

Lab Sample No.

Case No:36948 Richardson Flat Tailings

Sample ID: UE08-29-0.5
Date: 10/29/2007 Time:15:45

Sample No: MH23J1
Analysis: TM

0708-12

Remarks:

Priority Pollutants
Volatile Organics
Pesticides
Mutagenicity
Bacteriology

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

Tag No. 8-309966

Sta

Case No:36948 Richardson Flat Tailings

Sample ID: UE11-CNTY-0.5
Date: 10/30/2007 Time:11:20

Sample No: MH23J2
Analysis: TM

Lab Sample No.

0708-13

Preservative: Yes ☐ No ☐

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

Tag No. 8-311194

Station Loca

Case No:36948 Richardson Flat Tailings

Sample ID: UE13-CNTY-1.0
Date: 10/30/2007 Time:13:35

Sample No: MH23J3
Analysis: TM

Lab Sample No.

0708-14

Preservative:

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

Tag No. 8-309963

Station Location

Case No:36948 Richardson Flat Tailings

Sample ID: UE14-CNTY-0.5
Date: 10/30/2007 Time:13:10

Sample No: MH23J4
Analysis: TM

Remarks:

Pesticides
Mutagenicity
Bacteriology

Lab Sample No.

0708-15

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

Station L

Tag No. 8-309979

Lab Sample No.

Preservative: Yes ☐ No ☐

Case No:36948 Richardson Flat Tailings

Sample ID: UE01-28A1X-0.5
Date: 10/29/2007 Time:09:25

Sample No: MH23J5
Analysis: TM

8708-16

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

Station Lo

Tag No. 8-309986

Lab Sample No.

Preservative: Yes ☐ No ☐

Case No:36948 Richardson Flat Tailings

Sample ID: UE01-29-0.5
Date: 10/29/2007 Time:11:30

Sample No: MH23J6
Analysis: TM

8708-17

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

Station Location

Tag No. 8-309973

Lab Sample No.

Remarks:

Preservative: ☐

Case No:36948 Richardson Flat Tailings

Sample ID: UE01-CNTY-0.5
Date: 10/29/2007 Time:12:00

Sample No: MH23J7
Analysis: TM

8708-18

Preservative: Yes ☐ No ☐

Case No:36948 Richardson Flat Tailings

Sample ID: UE02-28A1X-0.5
Date: 10/29/2007 Time:10:00

Sample No: MH23J9
Analysis: TM

8709-20

Lab Sample No.

Tag No. 8-309972

Station Lo

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

---

B: ☐

Case No:36948 Richardson Flat Tailings

Sample ID: UE01-RR-0.5
Date: 10/29/2007 Time:14:45

Sample No: MH23J8
Analysis: TM

8708-19

Remarks:

Lab Sample No.

Tag No. 8-309987

Station Location

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

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Printed: 11/9/2007 3:29:34PM

Sample Log-in Report

WORK ORDER = 0008708

Client : NAZY ABOUSAEEDI
COMPUTER SCIENCES CORPORATION
15000 CONFERENCE CENTER DRIVE
CHANTILLY VA 201513819

Project : ILM05.4
Project Number : CLP SAMPLES
Courier/Airbill # : Fed Ex / 863198575033
COC/TR # : 80656029251106070001

Lab Sample	Client Sample	Matrix	#Cont.	Case	SDG	Sampled	Received	Analysis	TAT	Comments
0008708-01	MH23H0	Soil	1	36948	MH23H0	10/29/07 15:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	SDG FIRST SX
								Solids, Dry Weight	21	
0008708-02	MH23H1	Soil	1	36948	MH23H0	10/29/07 17:30	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-03	MH23H2	Soil	1	36948	MH23H0	10/29/07 14:35	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-04	MH23H3	Soil	1	36948	MH23H0	10/29/07 16:40	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-05	MH23H4	Soil	1	36948	MH23H0	10/29/07 17:10	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-06	MH23H5	Soil	1	36948	MH23H0	10/29/07 15:20	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-07	MH23H6	Soil	1	36948	MH23H0	10/29/07 16:20	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-08	MH23H7	Soil	1	36948	MH23H0	10/30/07 10:15	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	MS/DUP
								Solids, Dry Weight	21	
0008708-09	MH23H8	Soil	1	36948	MH23H0	10/29/07 14:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-10	MH23H9	Soil	1	36948	MH23H0	10/29/07 16:05	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-11	MH23J0	Soil	1	36948	MH23H0	10/29/07 14:15	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-12	MH23J1	Soil	1	36948	MH23H0	10/29/07 15:45	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-13	MH23J2	Soil	1	36948	MH23H0	10/30/07 11:20	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-14	MH23J3	Soil	1	36948	MH23H0	10/30/07 11:20	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-15	MH23J4	Soil	1	36948	MH23H0	10/30/07 13:10	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	

0000028 9

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Printed: 11/9/2007 3:29:34PM

Sample Log-in Report

WORK ORDER = 0008708

Client : NAZY ABOUSAEEDI
COMPUTER SCIENCES CORPORATION
15000 CONFERENCE CENTER DRIVE
CHANTILLY VA 201513819

Project : ILM05.4
Project Number : CLP SAMPLES
Courier/Airbill # : Fed Ex / 863198575033
COC/TR # : 80656029251106070001

Lab Sample	Client Sample	Matrix	#Cont.	Case	SDG	Sampled	Received	Analysis	TAT	Comments
0008708-16	MH23J5	Soil	1	36948	MH23H0	10/29/07 09:25	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-17	MH23J6	Soil	1	36948	MH23H0	10/29/07 11:30	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-18	MH23J7	Soil	1	36948	MH23H0	10/29/07 12:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-19	MH23J8	Soil	1	36948	MH23H0	10/29/07 14:45	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008708-20	MH23J9	Soil	1	36948	MH23H0	10/29/07 10:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	SDG FINAL SX
								Solids, Dry Weight	21	

0000025

Reviewed By: [illegible]

Date: 11/09/07.

A4 Scientific
1544 Sawdust Road, Suite 505
The Woodlands, TX 77380
281-292-5277

Sample Custody Logbook
Cooler A

Effective	Area	Type	Number	Version	RCN
25-June-06	QA	FORM	6FORM06	1.0	671-0802

Sample Custodian Check in:

Login Thermometer ID: T70197 Work Order: 8708

SAMPLE ID	CONTAINER TYPE & NO.	DATE/TIME SIGNED IN	SIGNED IN BY	SAMPLE ID	CONTAINER TYPE & NO.	DATE/ TIME SIGNED IN	SIGNED IN BY
8708-01 -20	1-zip lockbag	11/9/07 1130	JB				
							JB 11/9/07

Analyst Checkout/Check in:

SAMPLE ID	CONTAINER TYPE	QUANTITY	SIGNED OUT BY	DATE/ TIME SIGNED OUT	PREP OR ANALYSIS	SIGNED IN BY	DATE/ TIME SIGNED IN	REMARKS
8708-01 -20	zip lock bag	20	SLG	11/09/07 12:30	Icp	SLG	11/09/07 18:00	
8708-01 -20	Zip lock bag	20	RS	11/13/07 10:20	Y. morris	RS	11/13/07 12:00	
								JB 11/27/07

Container type: 40ml, 2WM, 4WM, 8WM, 16WM, 32WM, 1L Amber, 80 Amber, 1L Poly, 16 Poly, Other.

Empty containers must be returned to the SAMPLE CUSTODIAN and documented as empty.

00000291

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Friday, November 09, 2007 10:59 AM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Insufficient/inappropriate designation of laboratory QC | FINAL

Jessica,
Summary Start
Issue: The lab received 121 samples in 5 coolers. There were 2 samples designated for lab QC in each cooler. The lab has a total of 6 SDG, and 10 QC samples designated. Should the lab perform QC on all designated samples or select one of the designated QC samples per SDG?
Resolution: In accordance with previous direction form Region 8, the laboratory will select one of the designated samples for laboratory QC per SDG. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the samples selected for QC, and proceed with the analysis of the samples.
Summary End

Please let me know if you have any questions or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
Sent: Friday, November 09, 2007 11:52 AM
To: Kramer, Caroline
Cc: pradeep@a4scientific.com; pakanati
Subject: Re: Case 36948 | extended to week 11/12

Caroline,

Lab received 121 samples on 11/9/07. Two Lab QC's were assigned per cooler (5 coolers received). Lab will have only 6 SDG's. Lab would like to know if Lab QC is to be performed on all designated samples or should Lab select one sample that is designated for Lab QC per SDG.

> ----- Original Message -----
> **From:** Kramer, Caroline
> **To:** jschulze@a4scientific.com ; pradeep@a4scientific.com
> **Sent:** Wednesday, November 07, 2007 9:25 AM
> **Subject:** Case 36948 | extended to week 11/12
>
> Jessica,
> I just heard from Region 8 that the samplers for Case 36948 are running into some bad weather in the field. They are planning on sending 130 samples this week. The Case will be extended into next week 11/12 for the shipment of the remaining samples.
> Please let me know if you have any questions.
> Thanks,
> *Caroline L. Kramer*
> ckramer5@fedcsc.com
> Computer Sciences Corporation (CSC)
> 703.818.4248
>
> **This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.**

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Monday, November 12, 2007 9:31 AM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Discrepancies with tags, jars, and/or TR/COC | FINAL

Jessica,
Summary Start
Issue: The tag numbers listed on the TR/COC do not match the physical tags attached to the samples. All other information between the tags and the TR/COC matched accordingly.
Resolution: IN accordance with previous direction from Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the sample using the sample tag number attached to the sample container.
Summary End

Please let me know if you have any question or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
Sent: Monday, November 12, 2007 10:28 AM
To: Kramer, Caroline
Subject: Re: CASE 36948

YES.

> ---- Original Message ----
> **From:** Kramer, Caroline
> **To:** jschulze@a4scientific.com
> **Sent:** Monday, November 12, 2007 9:13 AM
> **Subject:** FW: CASE 36948
>
> Jessica,
> Does all of the other information match accordingly between the sample tag and the TR/COC for samples in Case 36948?
> Thanks,
>
> *Caroline L. Kramer*
> ckramer5@fedcsc.com
> Computer Sciences Corporation (CSC)
> 703.818.4248
>
> **This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.**
>
> ---
>
> **From:** jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
> **Sent:** Monday, November 12, 2007 10:11 AM
> **To:** Kramer, Caroline
> **Cc:** pradeep@a4scientific.com; pakanati
> **Subject:** CASE 36948

Caroline,

Issue: Samples for case 36948 were received on 11/9/2007. TR/COC listed tag numbers do not match physical tag numbers.

Please let me know if you have any questions.
Thanks.

Jessica Schulze
A4 Scientific Inc.
1544 Sawdust Rd. Suite 505
The Woodlands, Texas 77380
(281) 292-5277

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Tuesday, November 13, 2007 9:44 AM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Multiple | FINAL

Jessica,
Summary Start
-Missing temperature blank-
Issue 1: For samples received on 11/9, there was no temperature blank in the cooler. The cooler temperatures were determined to be 4,5,4,3 and 5 degrees.
Resolution 1: In accordance with previous direction from Region 8, the laboratory will note the issue, and the method used to determine the temperature in the SDF Narrative and proceed with the analysis of the samples.

-Missing/broken custody seals-
Issue 2: There were no custody seals on any of the coolers.
Resolution 2: Per Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

-Insufficient/inappropriate designation of laboratory QC-
Issue 3: There were no samples designated for lab QC; however per scheduling lab QC is required. The lab would like to use the following samples if acceptable.
SDG/Lab QC sample
MH23R6/MH23T1
MH23T6/MH24B3
MH24A1/MH24A3
MH23H0/MH23H7
MH23Q0/MH23Q3
MH23N0/MH23P5
MH23L0/MH23L6
Resolution 3: In accordance with previous direction from Region 8, the laboratory will select a sample for laboratory QC as long as it 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 lab QC, and proceed with the analysis of the samples.
Summary End

Please let me know if you have any questions or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

-----Original Message-----
From: Beard.Carol@epamail.epa.gov [mailto:Beard.Carol@epamail.epa.gov]
Sent: Tuesday, November 13, 2007 10:40 AM
To: Kramer, Caroline
Subject: Re: Region 08 | Case 36948 | Lab A4 | Issue Multiple

Caroline - Please have the lab note this issue in the case narrative and proceed with the analyses. Thanks! Carol

"Kramer, Caroline" <ckramer5@fedcsc.com>
11/12/2007 06:58 AM

To: Carol Beard/EPR/R8/USEPA/US@EPA
cc:
Subject: Region 08 | Case 36948 | Lab A4 | Issue Multiple

Carol,
A4 is reporting the following issues regarding Case 36948. Issue 1 and 3 can be resolved using a standard answers; however please advise on how the lab should proceed for issue 2.

-Missing temperature blank-
Issue 1: For samples received on 11/9, there was no temperature blank in the cooler. The cooler temperatures were determined to be 4,5,4,3 and 5 degrees.
Resolution 1: In accordance with previous direction from Region 8, the laboratory will note the issue, and the method used to determine the temperature in the SDF Narrative and proceed with the analysis of the samples.

-Missing/broken custody seals-
Issue 2: There were no custody seals on any of the coolers.

-Insufficient/inappropriate designation of laboratory QC-
Issue 3: There were no samples designated for lab QC; however per scheduling lab QC is required. The lab would like to use the following samples if acceptable.
SDG/Lab QC sample

MH23R6/MH23T1
MH23T6/MH24B3
MH24A1/MH24A3
MH23H0/MH23H7
MH23Q0/MH23Q3
MH23N0/MH23P5
MH23L0/MH23L6
Resolution 3: In accordance with previous direction from Region 8, the laboratory will select a sample for laboratory QC as long as it 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 lab QWC, and proceed with the analysis fo the samples.

Please let me know if you have any questions or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

From: jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
Sent: Friday, November 09, 2007 5:09 PM
To: Kramer, Caroline
Cc: pradeep@a4scientific.com; pakanati
Subject: CASE 36948

Caroline.

Lab received samples on 11/9/07 for case 36948.

Issue 1: Cooler temperature blank was absent for all coolers received. Cooler temperatures were 4, 5, 4, 3, and 5 degrees.

Issue 2: Custody Seals were absent for all coolers.

Issue 3: Lab has selected the designated sample for MS/DUP as per previous email.

SDG/Lab QC sample
MH23R6/MH23T1
MH23T6/MH24B3
MH24A1/MH24A3
MH23H0/MH23H7
MH23Q0/MH23Q3
MH23N0/MH23P5
MH23L0/MH23L6

Please let me know if you have any questions.
Thanks.

Jessica Schulze
A4 Scientific Inc.

1544 Sawdust Rd. Suite 505
The Woodlands, Texas 77380
(281) 292-5277

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Wednesday, November 14, 2007 1:41 PM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Non-standard matrix | FINAL

Jessica,
Summary Start
Issue: The following samples contained less than 50% solid.
MH23H8- 40%
MH23J0- 46.5%
MH23K2- 43.3%
Resolution: Per Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.
Summary End

Please let me know if you have any questions or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

-----Original Message-----
From: Beard.Carol@epamail.epa.gov [mailto:Beard.Carol@epamail.epa.gov]
Sent: Wednesday, November 14, 2007 2:34 PM
To: Kramer, Caroline
Subject: Re: Region 08 | Case 36948 | Lab A4 | Issue Non-standard matrix

Caroline - Have the lab analyize these samples and ask them to note this in the case narrative. Thanks! Carol

"Kramer, Caroline" <ckramer5@fedcsc.com>

To
Carol Beard/EPR/R8/USEPA/US@EPA

cc

11/14/2007 09:46 AM

Subject
Region 08 | Case 36948 | Lab A4 |
Issue Non-standard matrix

Carol,
A4 is reporting the following issue regarding Case 36948. Please advise on how the lab should proceed.

Issue: The following samples contained less than 50% solid.
MH23H8- 40%
MH23J0- 46.5%
MH23K2- 43.3%

Please let me know if you have any questions or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
Sent: Wednesday, November 14, 2007 11:43 AM
To: Kramer, Caroline
Cc: pradeep@a4scientific.com; pakanati
Subject: case 36948 sdg MH23H0 & MH23K0

Caroline,

Issue: The following sample contained less than 50% solid;

MH23H8-40%
MH23J0-46.5%
MH23K2-43.3%

Please let me know if you have any questions.
Thanks.

Jessica Schulze
A4 Scientific Inc.
1544 Sawdust Rd. Suite 505
The Woodlands, Texas 77380
(281) 292-5277