1071951 - 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: 08-31-08
Date CSF Received: 12/6/07
Auditor: Carl Beard
Date of Audit: 02/22/08

Case Number: 36948
Site Name: Richardson Flat Tailings
Lab Name: A-4
SDG Number: MH2448

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

Comments:

CSF Relinquished By: Carl Beard 6/10/08 Carl Beard
Print Name Date Signature

CSF Received By: ST Rec. Clerk 6/10/08
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

Rev. 07/05/95

08-31-08

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.

MH24H8

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-01

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 86.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15400			P
7440-36-0	Antimony	6.7	U		P
7440-38-2	Arsenic	6.7			P
7440-39-3	Barium	221			P
7440-41-7	Beryllium	0.32	J		P
7440-43-9	Cadmium	0.90			P
7440-70-2	Calcium	4490			P
7440-47-3	Chromium	23.7			P
7440-48-4	Cobalt	10.4			P
7440-50-8	Copper	24.9			P
7439-89-6	Iron	16900		E	P
7439-92-1	Lead	47.6			P
7439-95-4	Magnesium	3580			P
7439-96-5	Manganese	595		E	P
7440-02-0	Nickel	17.1			P
7440-09-7	Potassium	3920			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	559	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	32.5			P
7440-66-6	Zinc	132			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 123

00000000011

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24H9

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-02

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 87.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20100			P
7440-36-0	Antimony	6.8	U		P
7440-38-2	Arsenic	5.8			P
7440-39-3	Barium	306			P
7440-41-7	Beryllium	0.57	U		P
7440-43-9	Cadmium	0.71			P
7440-70-2	Calcium	5560			P
7440-47-3	Chromium	34.6			P
7440-48-4	Cobalt	12.5			P
7440-50-8	Copper	28.2			P
7439-89-6	Iron	19400		E	P
7439-92-1	Lead	38.3			P
7439-95-4	Magnesium	4650			P
7439-96-5	Manganese	565		E	P
7440-02-0	Nickel	28.1			P
7440-09-7	Potassium	5020			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	291	J		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	41.3			P
7440-66-6	Zinc	104			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 127

00000012

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J0

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-03

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 90.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19200			P
7440-36-0	Antimony	6.7	U		P
7440-38-2	Arsenic	6.5			P
7440-39-3	Barium	244			P
7440-41-7	Beryllium	0.55	U		P
7440-43-9	Cadmium	0.70			P
7440-70-2	Calcium	5390			P
7440-47-3	Chromium	31.0			P
7440-48-4	Cobalt	13.2			P
7440-50-8	Copper	23.8			P
7439-89-6	Iron	26800		ED	P
7439-92-1	Lead	35.3			P
7439-95-4	Magnesium	4250			P
7439-96-5	Manganese	540		E	P
7440-02-0	Nickel	21.3			P
7440-09-7	Potassium	4350			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	268	J		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	53.6			P
7440-66-6	Zinc	94.2			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 128

0000000013

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J1

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-04

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 89.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19300			P
7440-36-0	Antimony	6.2	U		P
7440-38-2	Arsenic	7.3			P
7440-39-3	Barium	271			P
7440-41-7	Beryllium	0.52	U		P
7440-43-9	Cadmium	0.80			P
7440-70-2	Calcium	5150			P
7440-47-3	Chromium	27.3			P
7440-48-4	Cobalt	12.8			P
7440-50-8	Copper	25.5			P
7439-89-6	Iron	19000		E	P
7439-92-1	Lead	55.3			P
7439-95-4	Magnesium	4090			P
7439-96-5	Manganese	545		E	P
7440-02-0	Nickel	21.5			P
7440-09-7	Potassium	4240			P
7782-49-2	Selenium	3.6	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	232	J		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	44.0			P
7440-66-6	Zinc	107			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 129

00000001 4

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J2

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-05

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 90.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20100			P
7440-36-0	Antimony	6.1	U		P
7440-38-2	Arsenic	5.7			P
7440-39-3	Barium	299			P
7440-41-7	Beryllium	0.32	J		P
7440-43-9	Cadmium	0.58			P
7440-70-2	Calcium	5460			P
7440-47-3	Chromium	29.9			P
7440-48-4	Cobalt	10.4			P
7440-50-8	Copper	22.5			P
7439-89-6	Iron	16700		E	P
7439-92-1	Lead	32.9			P
7439-95-4	Magnesium	4420			P
7439-96-5	Manganese	392		E	P
7440-02-0	Nickel	24.8			P
7440-09-7	Potassium	3670			P
7782-49-2	Selenium	3.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	505	U		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	38.3			P
7440-66-6	Zinc	82.6			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 130

00000015

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J3

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-06

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 88.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20200			P
7440-36-0	Antimony	6.1	U		P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	289			P
7440-41-7	Beryllium	0.39	J		P
7440-43-9	Cadmium	1.1			P
7440-70-2	Calcium	5920			P
7440-47-3	Chromium	28.6			P
7440-48-4	Cobalt	12.3			P
7440-50-8	Copper	30.3			P
7439-89-6	Iron	18400		E	P
7439-92-1	Lead	79.7			P
7439-95-4	Magnesium	5080			P
7439-96-5	Manganese	618		E	P
7440-02-0	Nickel	22.6			P
7440-09-7	Potassium	5840			P
7782-49-2	Selenium	3.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	506	U		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	34.0			P
7440-66-6	Zinc	197			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 131

00000001G

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J4

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-07

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 87.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17900			P
7440-36-0	Antimony	6.2	U		P
7440-38-2	Arsenic	7.4			P
7440-39-3	Barium	262			P
7440-41-7	Beryllium	0.34	J		P
7440-43-9	Cadmium	1.0			P
7440-70-2	Calcium	5200			P
7440-47-3	Chromium	27.5			P
7440-48-4	Cobalt	12.5			P
7440-50-8	Copper	25.7			P
7439-89-6	Iron	17600		E	P
7439-92-1	Lead	74.0			P
7439-95-4	Magnesium	4640			P
7439-96-5	Manganese	640		E	P
7440-02-0	Nickel	20.9			P
7440-09-7	Potassium	5090			P
7782-49-2	Selenium	3.6	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	519	U		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	34.5			P
7440-66-6	Zinc	181			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 132

00000017

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J5

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-08

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 89.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17700			P
7440-36-0	Antimony	5.9	U		P
7440-38-2	Arsenic	5.9			P
7440-39-3	Barium	279			P
7440-41-7	Beryllium	0.30	J		P
7440-43-9	Cadmium	0.83			P
7440-70-2	Calcium	5250			P
7440-47-3	Chromium	29.1			P
7440-48-4	Cobalt	10.8			P
7440-50-8	Copper	27.0			P
7439-89-6	Iron	15400		E	P
7439-92-1	Lead	52.6			P
7439-95-4	Magnesium	4220			P
7439-96-5	Manganese	510		E	P
7440-02-0	Nickel	24.9			P
7440-09-7	Potassium	4570			P
7782-49-2	Selenium	3.4	U		P
7440-22-4	Silver	0.98	U		P
7440-23-5	Sodium	489	U		P
7440-28-0	Thallium	2.4	U		P
7440-62-2	Vanadium	27.9			P
7440-66-6	Zinc	127			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 133

00000001B

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J6

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-09

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 87.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	22700			P
7440-36-0	Antimony	6.3	U		P
7440-38-2	Arsenic	8.4			P
7440-39-3	Barium	299			P
7440-41-7	Beryllium	0.46	J		P
7440-43-9	Cadmium	0.92			P
7440-70-2	Calcium	5280			P
7440-47-3	Chromium	30.5			P
7440-48-4	Cobalt	14.5			P
7440-50-8	Copper	28.2			P
7439-89-6	Iron	20000		E	P
7439-92-1	Lead	64.6			P
7439-95-4	Magnesium	4540			P
7439-96-5	Manganese	786		E	P
7440-02-0	Nickel	23.7			P
7440-09-7	Potassium	5210			P
7782-49-2	Selenium	3.7	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	527	U		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	41.8			P
7440-66-6	Zinc	128			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 134

00000019

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J7

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-10

Level (low/med): LOW Date Received: 11/16/2007

% 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	24500			P
7440-36-0	Antimony	6.8	U		P
7440-38-2	Arsenic	6.8			P
7440-39-3	Barium	555			P
7440-41-7	Beryllium	0.38	J		P
7440-43-9	Cadmium	0.79			P
7440-70-2	Calcium	7760			P
7440-47-3	Chromium	47.1			P
7440-48-4	Cobalt	16.0			P
7440-50-8	Copper	30.3			P
7439-89-6	Iron	18400		E	P
7439-92-1	Lead	46.7			P
7439-95-4	Magnesium	5940			P
7439-96-5	Manganese	714		E	P
7440-02-0	Nickel	45.8			P
7440-09-7	Potassium	5800			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	307	J		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	37.0			P
7440-66-6	Zinc	119			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 135

00000020

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J8

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-11

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16100			P
7440-36-0	Antimony	6.5	U		P
7440-38-2	Arsenic	8.1			P
7440-39-3	Barium	229			P
7440-41-7	Beryllium	0.54	U		P
7440-43-9	Cadmium	1.3			P
7440-70-2	Calcium	4740			P
7440-47-3	Chromium	25.5			P
7440-48-4	Cobalt	12.9			P
7440-50-8	Copper	31.4			P
7439-89-6	Iron	19000		E	P
7439-92-1	Lead	116			P
7439-95-4	Magnesium	3550			P
7439-96-5	Manganese	682		E	P
7440-02-0	Nickel	13.9			P
7440-09-7	Potassium	3720			P
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.50	J		P
7440-23-5	Sodium	542	U		P
7440-28-0	Thallium	2.7	U		P
7440-62-2	Vanadium	46.2			P
7440-66-6	Zinc	200			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 136

0000000071

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24J9

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-12

Level (low/med): LOW Date Received: 11/16/2007

% 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	20700			P
7440-36-0	Antimony	6.5	U		P
7440-38-2	Arsenic	5.6			P
7440-39-3	Barium	275			P
7440-41-7	Beryllium	0.54	U		P
7440-43-9	Cadmium	0.56			P
7440-70-2	Calcium	4950			P
7440-47-3	Chromium	18.3			P
7440-48-4	Cobalt	12.1			P
7440-50-8	Copper	23.1			P
7439-89-6	Iron	19000		E	P
7439-92-1	Lead	22.8			P
7439-95-4	Magnesium	3860			P
7439-96-5	Manganese	553		E	P
7440-02-0	Nickel	15.8			P
7440-09-7	Potassium	3710			P
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	540	U		P
7440-28-0	Thallium	2.7	U		P
7440-62-2	Vanadium	45.8			P
7440-66-6	Zinc	73.7			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 137

0000000022

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K0

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-13

Level (low/med): LOW Date Received: 11/16/2007

% 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	20000			P
7440-36-0	Antimony	6.5	U		P
7440-38-2	Arsenic	6.1			P
7440-39-3	Barium	261			P
7440-41-7	Beryllium	0.54	U		P
7440-43-9	Cadmium	0.59			P
7440-70-2	Calcium	5500			P
7440-47-3	Chromium	22.5			P
7440-48-4	Cobalt	12.0			P
7440-50-8	Copper	22.5			P
7439-89-6	Iron	18900		E	P
7439-92-1	Lead	31.7			P
7439-95-4	Magnesium	3990			P
7439-96-5	Manganese	485		E	P
7440-02-0	Nickel	18.4			P
7440-09-7	Potassium	3850			P
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	538	U		P
7440-28-0	Thallium	2.7	U		P
7440-62-2	Vanadium	47.9			P
7440-66-6	Zinc	75.1			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 138

00000023

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K1

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-14

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 84.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23400			P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	6.5			P
7440-39-3	Barium	457			P
7440-41-7	Beryllium	0.96			P
7440-43-9	Cadmium	0.56			P
7440-70-2	Calcium	7340			P
7440-47-3	Chromium	79.1			P
7440-48-4	Cobalt	13.4			P
7440-50-8	Copper	26.7			P
7439-89-6	Iron	15300		E	P
7439-92-1	Lead	32.7			P
7439-95-4	Magnesium	6090			P
7439-96-5	Manganese	462		E	P
7440-02-0	Nickel	69.7			P
7440-09-7	Potassium	5620			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	552	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	28.2			P
7440-66-6	Zinc	80.0			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 139

D0000024

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K2

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-15

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 88.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16700			P
7440-36-0	Antimony	6.2	U		P
7440-38-2	Arsenic	5.7			P
7440-39-3	Barium	255			P
7440-41-7	Beryllium	0.28	J		P
7440-43-9	Cadmium	0.83			P
7440-70-2	Calcium	5340			P
7440-47-3	Chromium	23.9			P
7440-48-4	Cobalt	13.4			P
7440-50-8	Copper	23.5			P
7439-89-6	Iron	22000		ED	P
7439-92-1	Lead	69.5			P
7439-95-4	Magnesium	3640			P
7439-96-5	Manganese	618		E	P
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium	3680			P
7782-49-2	Selenium	3.6	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	518	U		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	53.3			P
7440-66-6	Zinc	126			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 140

00000025

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K3

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-16

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 87.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14100			P
7440-36-0	Antimony	5.9	U		P
7440-38-2	Arsenic	5.7			P
7440-39-3	Barium	231			P
7440-41-7	Beryllium	0.49	U		P
7440-43-9	Cadmium	0.67			P
7440-70-2	Calcium	4680			P
7440-47-3	Chromium	14.2			P
7440-48-4	Cobalt	9.4			P
7440-50-8	Copper	22.2			P
7439-89-6	Iron	16200		E	P
7439-92-1	Lead	49.8			P
7439-95-4	Magnesium	3080			P
7439-96-5	Manganese	461		E	P
7440-02-0	Nickel	11.5			P
7440-09-7	Potassium	3410			P
7782-49-2	Selenium	3.5	U		P
7440-22-4	Silver	0.99	U		P
7440-23-5	Sodium	494	U		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	37.3			P
7440-66-6	Zinc	98.8			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 141

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K4

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-17

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 87.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20100			P
7440-36-0	Antimony	6.2	U		P
7440-38-2	Arsenic	3.9			P
7440-39-3	Barium	216			P
7440-41-7	Beryllium	0.52	U		P
7440-43-9	Cadmium	0.42	J		P
7440-70-2	Calcium	5050			P
7440-47-3	Chromium	20.0			P
7440-48-4	Cobalt	11.9			P
7440-50-8	Copper	20.9			P
7439-89-6	Iron	24000		ED	P
7439-92-1	Lead	16.5			P
7439-95-4	Magnesium	3620			P
7439-96-5	Manganese	443		E	P
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium	2270			P
7782-49-2	Selenium	3.6	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	350	J		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	58.8			P
7440-66-6	Zinc	61.1			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 142

00000027

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K5

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-18

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 89.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19400			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	6.3			P
7440-39-3	Barium	419			P
7440-41-7	Beryllium	1.1			P
7440-43-9	Cadmium	0.77			P
7440-70-2	Calcium	6700			P
7440-47-3	Chromium	60.0			P
7440-48-4	Cobalt	10.7			P
7440-50-8	Copper	27.7			P
7439-89-6	Iron	12400		E	P
7439-92-1	Lead	68.4			P
7439-95-4	Magnesium	5420			P
7439-96-5	Manganese	350		E	P
7440-02-0	Nickel	55.8			P
7440-09-7	Potassium	4870			P
7782-49-2	Selenium	3.5	U		P
7440-22-4	Silver	0.61	J		P
7440-23-5	Sodium	324	J		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	19.7			P
7440-66-6	Zinc	115			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 143

00000028

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K6

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-19

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 81.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17800			P
7440-36-0	Antimony	6.8	U		P
7440-38-2	Arsenic	6.0			P
7440-39-3	Barium	251			P
7440-41-7	Beryllium	0.56	U		P
7440-43-9	Cadmium	0.71			P
7440-70-2	Calcium	5670			P
7440-47-3	Chromium	20.5			P
7440-48-4	Cobalt	13.1			P
7440-50-8	Copper	26.5			P
7439-89-6	Iron	24700		ED	P
7439-92-1	Lead	48.0			P
7439-95-4	Magnesium	3710			P
7439-96-5	Manganese	522		E	P
7440-02-0	Nickel	15.0			P
7440-09-7	Potassium	4020			P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	405	J		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	58.3			P
7440-66-6	Zinc	110			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 144

00000029

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24K7

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

Matrix (soil/water): SOIL Lab Sample ID: 0008728-20

Level (low/med): LOW Date Received: 11/16/2007

% Solids: 88.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16400			P
7440-36-0	Antimony	6.3	U		P
7440-38-2	Arsenic	5.4			P
7440-39-3	Barium	251			P
7440-41-7	Beryllium	0.52	U		P
7440-43-9	Cadmium	0.75			P
7440-70-2	Calcium	5990			P
7440-47-3	Chromium	19.2			P
7440-48-4	Cobalt	10.9			P
7440-50-8	Copper	24.7			P
7439-89-6	Iron	19300		E	P
7439-92-1	Lead	56.1			P
7439-95-4	Magnesium	3440			P
7439-96-5	Manganese	466		E	P
7440-02-0	Nickel	12.3			P
7440-09-7	Potassium	4240			P
7782-49-2	Selenium	3.7	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	361	J		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	45.7			P
7440-66-6	Zinc	120			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 145

000000030

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.: MH24H8

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	2558.50	103	5000.0	5004.55	100	5286.25	106	P
Antimony	992.0	967.64	98	1250.0	1290.90	103	1195.95	96	P
Arsenic	996.0	912.47	92	250.0	253.94	102	241.67	97	P
Barium	502.0	518.89	103	5000.0	4971.75	99	5158.20	103	P
Beryllium	493.0	486.49	99	125.0	125.45	100	130.98	105	P
Cadmium	494.0	465.67	94	125.0	129.79	104	122.27	98	P
Calcium	10180.0	10198.50	100	12500.0	12303.00	98	13122.00	105	P
Chromium	490.0	482.84	99	500.0	503.59	101	498.00	100	P
Cobalt	496.0	496.25	100	1250.0	1262.75	101	1214.40	97	P
Copper	490.0	484.62	99	625.0	588.62	94	572.43	92	P
Iron	5107.0	5043.40	99	2500.0	2540.30	102	2648.80	106	P
Lead	996.0	930.68	93	250.0	252.40	101	241.79	97	P
Magnesium	6003.0	6136.80	102	12500.0	12356.50	99	12966.50	104	P
Manganese	495.0	508.27	103	1250.0	1251.95	100	1230.60	98	P
Nickel	492.0	492.06	100	1250.0	1261.50	101	1235.10	99	P
Potassium	10008.0	10056.90	100	12500.0	12630.50	101	13195.00	106	P
Selenium	1005.0	926.08	92	250.0	255.43	102	235.03	94	P
Silver	495.0	482.07	97	625.0	627.01	100	612.18	98	P
Sodium	10039.0	10285.50	102	12500.0	12250.00	98	12742.00	102	P
Thallium	1027.0	947.29	92	250.0	253.95	102	244.40	98	P
Vanadium	501.0	498.95	100	1250.0	1224.15	98	1187.75	95	P
Zinc	1000.0	993.30	99	1200.0	1251.45	104	1254.30	105	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.: MH24H8

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	5273.85	105	5192.55	104	P
Antimony				1250.0	1194.15	96	1216.50	97	P
Arsenic				250.0	242.09	97	246.16	98	P
Barium				5000.0	5257.65	105	5067.55	101	P
Beryllium				125.0	129.54	104	128.51	103	P
Cadmium				125.0	121.35	97	124.09	99	P
Calcium				12500.0	13251.00	106	12876.00	103	P
Chromium				500.0	484.65	97	502.32	100	P
Cobalt				1250.0	1210.75	97	1223.90	98	P
Copper				625.0	613.56	98	592.90	95	P
Iron				2500.0	2601.65	104	2608.05	104	P
Lead				250.0	241.70	97	245.06	98	P
Magnesium				12500.0	13163.50	105	12903.00	103	P
Manganese				1250.0	1251.15	100	1253.40	100	P
Nickel				1250.0	1224.95	98	1238.95	99	P
Potassium				12500.0	12966.50	104	12887.50	103	P
Selenium				250.0	239.54	96	240.77	96	P
Silver				625.0	610.56	98	621.51	99	P
Sodium				12500.0	13221.50	106	12601.50	101	P
Thallium				250.0	244.51	98	247.08	99	P
Vanadium				1250.0	1224.00	98	1215.20	97	P
Zinc				1200.0	1235.90	103	1249.00	104	P

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

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.: MH24H8

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	5053.35	101			P
Antimony				1250.0	1192.10	95			P
Arsenic				250.0	243.53	97			P
Barium				5000.0	4948.60	99			P
Beryllium				125.0	124.67	100			P
Cadmium				125.0	122.27	98			P
Calcium				12500.0	12480.00	100			P
Chromium				500.0	493.27	99			P
Cobalt				1250.0	1214.30	97			P
Copper				625.0	581.36	93			P
Iron				2500.0	2523.60	101			P
Lead				250.0	241.69	97			P
Magnesium				12500.0	12255.00	98			P
Manganese				1250.0	1225.15	98			P
Nickel				1250.0	1239.10	99			P
Potassium				12500.0	12470.50	100			P
Selenium				250.0	236.75	95			P
Silver				625.0	608.95	97			P
Sodium				12500.0	12167.00	97			P
Thallium				250.0	246.66	99			P
Vanadium				1250.0	1182.65	95			P
Zinc				1200.0	1263.80	105			P

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

00000033

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.: MH24H8

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)	
Iron	5107.0	5407.95	106	2500.0	2506.50	100	2623.60	105	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.: MH24H8

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)	
Iron				2500.0	2411.05	96			P

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

00000035

USEPA-CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH24H8

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	59.97 J	100	58.03 J	97
Arsenic	10.0	9.72 J	97	10.15	102
Barium		200.00 U	0	200.00 U	0
Beryllium	5.0	5.12	102	5.05	101
Cadmium	5.0	4.87 J	97	4.77 J	95
Calcium		5000.00 U	0	5000.00 U	0
Chromium	10.0	10.33	103	10.09	101
Cobalt	50.0	51.08	102	51.37	103
Copper	25.0	25.56	102	23.80 J	95
Iron		100.00 U	0	100.00 U	0
Lead	10.0	11.44	114	11.56	116
Magnesium		5000.00 U	0	5000.00 U	0
Manganese	15.0	16.57	110	16.51	110
Nickel	40.0	41.03	103	42.35	106
Potassium		5000.00 U	0	5000.00 U	0
Selenium	35.0	33.85 J	97	31.37 J	90
Silver	10.0	10.22	102	10.21	102
Sodium		5000.00 U	0	5000.00 U	0
Thallium	25.0	26.95	108	27.14	109
Vanadium	50.0	51.88	104	50.26	101
Zinc	60.0	59.63 J	99	63.05	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

2B-IN

CRQL CHECK STANDARD

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH24H8

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
Antimony	60.0			58.16 J	97
Arsenic	10.0			9.59 J	96
Barium				200.00 U	0
Beryllium	5.0			5.03	101
Cadmium	5.0			4.71 J	94
Calcium				5000.00 U	0
Chromium	10.0			10.35	104
Cobalt	50.0			50.98	102
Copper	25.0			23.87 J	95
Iron				100.00 U	0
Lead	10.0			11.11	111
Magnesium				5000.00 U	0
Manganese	15.0			16.40	109
Nickel	40.0			41.71	104
Potassium				5000.00 U	0
Selenium	35.0			31.58 J	90
Silver	10.0			10.18	102
Sodium				5000.00 U	0
Thallium	25.0			25.84	103
Vanadium	50.0			49.73 J	99
Zinc	60.0			61.93	103

(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)

00000037

USEPA-CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH24H8

CRQL Check Standard Source: HP-CRDL

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Iron		100.00 U	0	100.00 U	0

(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)

00000038

USEPA-CLP

3-IN
BLANKS

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG NO.: MH24H8

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	200.0	U	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	100.0	U	100.0	U	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.: MH24H8

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

USEPA-CLP

3-IN
BLANKS

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG NO.: MH24H8

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
Iron	100.0	U	100.0	U	100.0	U	100.0	U			P

00000041

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.: MH24H8

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	248000	102	253000	105	253000	104	254000	105
Antimony	0	589	0.90		612	104	0.54		592	101
Arsenic	0	101	-0.38		95.0	94	-0.090		94.9	94
Barium	2.0	495	-2.7	-135	517	104	-2.7	-135	523	106
Beryllium	0	475	1.5		504	106	1.4		497	105
Cadmium	0	940	1.9		974	104	1.8		960	102
Calcium	234900	231100	239000	102	239000	103	245000	104	246000	106
Chromium	43.0	511	45.9	107	544	106	43.0	100	515	101
Cobalt	4.0	461	2.7	68	493	107	2.8	70	498	108
Copper	23.0	548	23.6	103	518	95	22.7	99	528	96
Iron	95600	94800	96300	101	98900	104	95200	100	96000	101
Lead	10.0	61.0	13.5	135	64.7	106	12.1	121	64.4	106
Magnesium	247500	251500	248000	100	251000	100	252000	102	255000	101
Manganese	19.0	502	16.4	86	523	104	15.8	83	513	102
Nickel	21.0	984	17.8	85	1000	102	18.2	87	1020	104
Potassium	0	0	-81.6		-91.9		-91.2		-86.1	
Selenium	0	53.0	-4.6		55.3	104	-6.3		55.5	105
Silver	0	206	-0.075		215	104	0.45		205	100
Sodium	0	0	751		760		776		799	
Thallium	0	103	-0.39		94.2	91	-1.6		94.5	92
Vanadium	0	494	-0.98		498	101	-0.52		489	99
Zinc	28.0	1028	23.6	84	986	96	24.4	87	1030	100

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.: MH24H8

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					247000	101	243000	101
Antimony	0	589					-0.079		580	98
Arsenic	0	101					0.93		92.1	91
Barium	2.0	495					-2.6	-130	494	100
Beryllium	0	475					1.4		476	100
Cadmium	0	940					1.8		944	100
Calcium	234900	231100					238000	101	236000	102
Chromium	43.0	511					43.7	102	518	101
Cobalt	4.0	461					2.9	72	487	106
Copper	23.0	548					22.3	97	506	92
Iron	95600	94800					93700	98	92400	97
Lead	10.0	61.0					13.8	138	64.9	106
Magnesium	247500	251500					245000	99	239000	95
Manganese	19.0	502					15.9	84	502	100
Nickel	21.0	984					18.5	88	1010	103
Potassium	0	0					-108		-73.9	
Selenium	0	53.0					-3.6		50.6	95
Silver	0	206					0.16		204	99
Sodium	0	0					746		730	
Thallium	0	103					-1.1		93.3	91
Vanadium	0	494					-1.2		474	96
Zinc	28.0	1028					24.5	88	1020	99

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.: MH24H8

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
Iron	95600	94800	101000	106	98900	104	99500	104	96300	102

USEPA-CLP

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH24H8S

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

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

% Solids for Sample: 86.8

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		20039.9300		15419.3300		0.00	0		P
Antimony	75 - 125	18.4701		6.7111	U	22.37	83		P
Arsenic	75 - 125	14.7835		6.7157		8.95	90		P
Barium	75 - 125	644.8203		220.5774		447.41	95		P
Beryllium	75 - 125	9.6086		0.3226	J	11.19	83		P
Cadmium	75 - 125	9.4371		0.8985		11.19	76		P
Calcium		5623.7980		4486.9360		0.00	0		P
Chromium	75 - 125	67.6972		23.6958		44.74	98		P
Cobalt	75 - 125	116.8684		10.3695		111.85	95		P
Copper	75 - 125	74.0756		24.9139		55.93	88		P
Iron		19779.8800		16926.5400		0.00	0		P
Lead		63.5883		47.5622		4.47	359		P
Magnesium		4377.8240		3579.0350		0.00	0		P
Manganese		789.2264		595.2866		111.85	173		P
Nickel	75 - 125	125.2125		17.1251		111.85	97		P
Potassium		4949.7790		3921.7490		0.00	0		P
Selenium	75 - 125	10.1136		3.9148	U	11.19	90		P
Silver	75 - 125	8.8053		1.1185	U	11.19	79		P
Sodium		559.2591	U	559.2591	U	0.00	0		P
Thallium	75 - 125	8.9525		2.7963	U	11.19	80		P
Vanadium	75 - 125	128.6184		32.4868		111.85	86		P
Zinc	75 - 125	242.0026		131.5098		111.85	99		P

Comments:

USEPA-CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

MH24H8D

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

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

% Solids for Sample: 86.8 % Solids for Duplicate: 86.7

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		15419.3300		15990.9000		4		P
Antimony		6.7111	U	6.7111	U			P
Arsenic		6.7157		6.5565		2		P
Barium		220.5774		229.4193		4		P
Beryllium		0.3226	J	0.3314	J	3		P
Cadmium	0.5593	0.8985		0.9015		0		P
Calcium		4486.9360		4641.4590		3		P
Chromium		23.6958		23.2937		2		P
Cobalt	5.5926	10.3695		10.3673		0		P
Copper		24.9139		24.2288		3		P
Iron		16926.5400		17385.1300		3		P
Lead		47.5622		47.4794		0		P
Magnesium		3579.0350		3689.5440		3		P
Manganese		595.2866		597.7921		0		P
Nickel	4.4741	17.1251		17.1978		0		P
Potassium		3921.7490		4054.2370		3		P
Selenium		3.9148	U	3.9148	U			P
Silver		1.1185	U	1.1185	U			P
Sodium		559.2591	U	559.2591	U			P
Thallium		2.7963	U	2.7963	U			P
Vanadium		32.4868		32.4214		0		P
Zinc		131.5098		132.4102		1		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.: MH24H8

Solid LCS Source: QATS-LCS

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				115.0	104.1		54.7	175.0	91
Antimony				66.0	63.3		27.6	104.0	96
Arsenic				253.0	226.9		154.0	352.0	90
Barium				1.6	8.7	U	1.0	2.2	0
Beryllium				4.9	4.6		3.0	6.8	94
Cadmium				10.9	11.4		7.7	14.0	105
Calcium				44200.0	37578.0		30300.0	58200.0	85
Chromium				27.1	26.0		18.5	35.7	96
Cobalt				37.4	37.4		24.2	50.6	100
Copper				1770.0	1672.9		20.0	2230.0	95
Iron				6470.0	5979.5		4280.0	8660.0	92
Lead				56.9	50.9		41.4	72.4	89
Magnesium				29200.0	24389.0		20500.0	37900.0	84
Manganese				61.0	55.3		41.6	80.5	91
Nickel				16.3	15.2		9.0	23.7	93
Potassium				39.7	227.0	U	0.0	85.3	0
Selenium				10.0	9.5		4.1	15.9	95
Silver				5.9	5.8		2.7	9.1	98
Sodium				72.5	220.0	U	0.0	216.0	0
Thallium				9.5	8.1		2.9	16.1	85
Vanadium				17.6	16.1		11.6	23.7	91
Zinc				47.5	41.6		20.5	74.4	88

USEPA-CLP

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MH24H8L

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH24H8

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	137855.0		151900.0		10		P
Antimony	60.0	U	60.0	U			P
Arsenic	60.04		65.33		9		P
Barium	1972.1		2159.7		10		P
Beryllium	2.88	J	5.00	U	100		P
Cadmium	8.03		5.00	U	100		P
Calcium	40115		44834		12		P
Chromium	211.85		229.05		8		P
Cobalt	92.7		50.0	U	100		P
Copper	222.7		221.1		1		P
Iron	151330.0		174062.5		15	E	P
Lead	425.23		424.34		0		P
Magnesium	31998		35811		12		P
Manganese	5322.10		5927.50		11	E	P
Nickel	153.1		153.3	J	0		P
Potassium	35062		38933		11		P
Selenium	35.0	U	35.0	U			P
Silver	10.00	U	10.00	U			P
Sodium	5000	U	5000	U			P
Thallium	25.0	U	25.0	U			P
Vanadium	290.4		310.6		7		P
Zinc	1175.8		1190.0		1		P

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.: MH24H8

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.: MH24H8

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.: MH24H8

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.: MH24H8

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.: MH24H8

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.: MH24H8

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.: MH24H8

Preparation Method: HS2

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
PBSR3	11/24/2007	1.00	100
LCSSR3	11/24/2007	1.00	100
MH24H8	11/24/2007	1.03	100
MH24H8D	11/24/2007	1.03	100
MH24H8S	11/24/2007	1.03	100
MH24H9	11/24/2007	1.01	100
MH24J0	11/24/2007	1.00	100
MH24J1	11/24/2007	1.08	100
MH24J2	11/24/2007	1.10	100
MH24J3	11/24/2007	1.12	100
MH24J4	11/24/2007	1.10	100
MH24J5	11/24/2007	1.14	100
MH24J6	11/24/2007	1.08	100
MH24J7	11/24/2007	1.08	100
MH24J8	11/24/2007	1.06	100
MH24J9	11/24/2007	1.10	100
MH24K0	11/24/2007	1.13	100
MH24K1	11/24/2007	1.07	100
MH24K2	11/24/2007	1.09	100
MH24K3	11/24/2007	1.16	100
MH24K4	11/24/2007	1.10	100
MH24K5	11/24/2007	1.11	100
MH24K6	11/24/2007	1.09	100
MH24K7	11/24/2007	1.08	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.: MH24H8

Instrument ID: B-ICAP6500 Analysis Method: P

Start Date: 12/03/2007 End Date: 12/03/2007

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	1457	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	1500	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	1503	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	1505	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	1508	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	1511	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	1513	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	1516	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	1519	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
PBSR3	1.0	1522	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
LCSSR3	1.0	1524	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24H8	1.0	1527	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24H8D	1.0	1530	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24H8S	1.0	1533	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24H8L	5.0	1536	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24H9	1.0	1538	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J0	1.0	1541	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH24J1	1.0	1544	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	1547																										
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	1552	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J2	1.0	1555	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J3	1.0	1558	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J4	1.0	1601	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J5	1.0	1603	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J6	1.0	1606	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1609																										
ZZZZZZ	1.0	1612																										
CRI	1.0	1614	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	1617	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	1620	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	1623	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	1625	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J7	1.0	1628	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J8	1.0	1631	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J9	1.0	1634	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24K0	1.0	1636	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH24H8

Instrument ID: B-ICAP6500 Analysis Method: P

Start Date: 12/03/2007 End Date: 12/03/2007

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		
MH24K1	1.0	1639	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24K2	1.0	1642	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH24K3	1.0	1645	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24K4	1.0	1648	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH24K5	1.0	1651	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	1653																										
CCV	1.0	1656	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1659	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24K6	1.0	1702	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH24K7	1.0	1704	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24J0	1.3	1707											X															
MH24K2	1.3	1710											X															
MH24K4	1.3	1713											X															
ZZZZZZ	1.0	1716																										
ZZZZZZ	1.0	1718																										
CRI	1.0	1721	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	1724	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	1726	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	1729	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	1732	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.: MH24H8

Instrument ID: B-ICAP6500 Analysis Method: P

Start Date: 12/04/2007 End Date: 12/04/2007

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	1439											X															
S	1.0	1442											X															
ICV	1.0	1445											X															
ICB	1.0	1447											X															
CRI	1.0	1450											X															
ICSA	1.0	1453											X															
ICSAB	1.0	1455											X															
CCV	1.0	1458											X															
CCB	1.0	1501											X															
ZZZZZZ	1.3	1503																										
ZZZZZZ	1.3	1506																										
MH24K6	1.3	1509											X															
ZZZZZZ	1.3	1512																										
ZZZZZZ	1.3	1515																										
ZZZZZZ	1.0	1518																										
ZZZZZZ	1.0	1520																										
ZZZZZZ	5.5	1523																										
ZZZZZZ	4.2	1526																										
ZZZZZZ	1.0	1529																										
CCV	1.0	1532											X															
CCB	1.0	1534											X															
ZZZZZZ	5.0	1537																										
ZZZZZZ	1.0	1540																										
ZZZZZZ	1.0	1543																										
ZZZZZZ	1.0	1545																										
CRI	1.0	1548											X															
ICSA	1.0	1550											X															
ICSAB	1.0	1553											X															
CCV	1.0	1556											X															
CCB	1.0	1558											X															

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

Instrument Run Log

Instrument ID:

Runlog,Logbook (RCN#/Page#): 665-0716/110 Analyst/Date: SW 12/04/07.
Method: ILM05.4 SOP: 2S-906. Reviewer/Date: RPP 12/04/07.
Sequence: TAL 20071203 B # SW 12/04/07. Analysis Start: 12/3/07 14:57:51
Data File: TA2 20071203B Analysis End: 12/3/07 18:25:10

No	Lab Sample	Client Sample	Date	Time	D/F	In2306	Y_2243	Y_3600	Y_3710	Comments
0	S0	S0	12/03/07	14:57:51	1	100	100	100	100	
0	S	S	12/03/07	15:00:34	1	95	98	97	101	
0	ICV1	ICV	12/03/07	15:03:18	1	97	98	98	99	
0	ICB1	ICB	12/03/07	15:05:51	1	100	99	98	99	
0	CRDL1	CRI	12/03/07	15:08:34	1	100	98	98	100	
0	ICS-A1	ICSA	12/03/07	15:11:14	1	85	90	89	99	
0	ICS-AB1	ICSAB	12/03/07	15:13:57	1	86	90	89	93	
0	CCV1	CCV	12/03/07	15:16:39	1	93	94	96	102	
0	CCB1	CCB	12/03/07	15:19:15	1	99	98	97	103	
0	ICPBLKR3	PBSR3	12/03/07	15:22:00	1	99	98	98	101	
0	ICPLCSR3	LCSSR3	12/03/07	15:24:45	1	80	85	86	99	
0	0008728-01	MH24H8	12/03/07	15:27:32	1	90	104	103	114	
0	0008728-01D	MH24H8D	12/03/07	15:30:23	1	90	104	103	109	
0	0008728-01S	MH24H8S	12/03/07	15:33:15	1	88	104	104	110	
0	0008728-01L	MH24H8L	12/03/07	15:36:11	5	99	103	103	105	
0	0008728-02	MH24H9	12/03/07	15:38:51	1	86	103	101	112	
0	0008728-03	MH24J0	12/03/07	15:41:42	1	87	107	106	117	
0	0008728-04	MH24J1	12/03/07	15:44:31	1	88	105	105	115	
0	BLANK	BLANK	12/03/07	15:47:21	1	94	95	94	108	
0	CCV2	CCV	12/03/07	15:50:04	1	101	104	103	98	
0	CCB2	CCB	12/03/07	15:52:41	1	102	103	103	101	
0	0008728-05	MH24J2	12/03/07	15:55:25	1	87	104	104	111	
0	0008728-06	MH24J3	12/03/07	15:58:16	1	86	106	105	115	
0	0008728-07	MH24J4	12/03/07	16:01:05	1	88	106	105	115	
0	0008728-08	MH24J5	12/03/07	16:03:54	1	87	105	106	111	
0	0008728-09	MH24J6	12/03/07	16:06:43	1	87	107	106	116	
0	BLANK	BLANK	12/03/07	16:09:31	1	94	96	95	112	
0	ZCRI	ZCRI	12/03/07	16:12:15	1	104	105	105	98	
0	CRDL2	CRI	12/03/07	16:14:55	1	102	103	102	105	
0	ICS-A2	ICSA	12/03/07	16:17:35	1	87	94	95	99	

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

Instrument Run Log

Instrument ID:

Runlog,Logbook (RCN#/Page#): 665-0716 / 110 · Analyst/Date: SW 12/04/07
Method: ILM05.4 SOP: 28806 · Reviewer/Date: BRP 12/04/07 ·
Sequence: TAL 20071203B Analysis Start: 12/03/07 14:57
Data File: TAL 20071203B · Analysis End: 12/03/07 18:25

No	Lab Sample	Client Sample	Date	Time	D/F	In2306	Y_2243	Y_3600	Y_3710	Comments
0	ICS-AB2	ICSAB	12/03/07	16:20:20	1	86	93	94	98	
0	CCV3	CCV	12/03/07	16:23:05	1	95	97	101	98	
0	CCB3	CCB	12/03/07	16:25:41	1	100	101	102	100	
0	0008728-10	MH24J7	12/03/07	16:28:26	1	85	102	103	116	
0	0008728-11	MH24J8	12/03/07	16:31:17	1	89	105	105	118	
0	0008728-12	MH24J9	12/03/07	16:34:07	1	89	104	104	114	
0	0008728-13	MH24K0	12/03/07	16:36:58	1	88	103	102	114	
0	0008728-14	MH24K1	12/03/07	16:39:48	1	86	103	103	118	
0	0008728-15	MH24K2	12/03/07	16:42:38	1	88	105	103	117	
0	0008728-16	MH24K3	12/03/07	16:45:28	1	88	103	102	114	
0	0008728-17	MH24K4	12/03/07	16:48:19	1	89	104	103	115	
0	0008728-18	MH24K5	12/03/07	16:51:09	1	87	103	102	113	
0	BLANK	BLANK	12/03/07	16:53:58	1	94	95	94	113	
0	CCV4	CCV	12/03/07	16:56:41	1	101	103	102	100	
0	CCB4	CCB	12/03/07	16:59:16	1	102	103	101	105	
0	0008728-19	MH24K6	12/03/07	17:02:02	1	88	105	104	116	
0	0008728-20	MH24K7	12/03/07	17:04:53	1	88	103	103	113	
0	0008728-03	MH24J0	12/03/07	17:07:44	1.3	89	107	105	118	
0	0008728-15	MH24K2	12/03/07	17:10:33	1.3	91	106	106	118	
0	0008728-17	MH24K4	12/03/07	17:13:24	1.3	91	106	105	117	
0	BLANK	BLANK	12/03/07	17:16:13	1	94	95	95	114	
0	ZCRI	ZCRI	12/03/07	17:18:55	1	104	105	107	91	
0	CRDL3	CRI	12/03/07	17:21:35	1	102	104	103	105	
0	ICS-A3	ICSA	12/03/07	17:24:15	1	87	94	93	101	
0	ICS-AB3	ICSAB	12/03/07	17:26:59	1	87	94	94	102	
0	CCV5	CCV	12/03/07	17:29:39	1	98	102	100	101	
0	CCB5	CCB	12/03/07	17:32:15	1	102	103	102	97	
~~0~~	~~0008726-05~~	~~MH24E0~~	~~12/03/07~~	~~17:35:00~~	~~1.3~~	~~88~~	~~104~~	~~103~~	~~116~~	
0	0008726-06	MH24E1	12/03/07	17:37:51	1.3	90	106	105	116	
0	0008728-19	MH24K6	12/03/07	17:40:41	1.3	91	106	106	114	

Sample Name: S0 Acquired: 12/3/2007 14:57:51 Type: Cal
Method: TAL20071203B 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	**-.00260**	**.00001**	**-.00003**	**-.00048**	**.00035**	**.00570**
Stddev	.00002	.00023	.00001	.00015	.00003	.00025
%RSD	.60607	1958.3	43.117	30.840	8.8575	4.3877
#1	-.00259	.00018	-.00002	-.00037	.00032	.00552
#2	-.00261	-.00015	-.00004	-.00058	.00037	.00588

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	**.00002**	**.00001**	**-.00002**	**.00228**	**-.00004**	**-.00043**
Stddev	.00015	.00000	.00004	.00002	.00011	.00021
%RSD	627.27	22.971	237.60	.92364	270.81	48.204
#1	.00013	.00002	.00001	.00229	-.00012	-.00028
#2	-.00008	.00001	-.00005	.00226	.00004	-.00058

Sample Name: S0 Acquired: 12/3/2007 14:57:51 Type: Cal
Method: TAL20071203B 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	**.00003**	**.00002**	**-.00251**	**-.00056**	**-.00005**	**-.00003**
Stddev	.00006	.00004	.00029	.00005	.00028	.00009
%RSD	208.95	189.39	11.372	8.0298	516.70	271.75
#1	.00007	.00005	-.00272	-.00060	.00014	-.00010
#2	-.00001	-.00001	-.00231	-.00053	-.00025	.00003

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	**.00000**	**-.00013**	**-.00016**	**.00000**
Stddev	.0001	.00014	.00006	.0000
%RSD	4639.4	107.21	38.131	141.42
#1	.00006	-.00022	-.00021	.00000
#2	-.00006	-.00003	-.00012	.00000

Sample Name: S0 Acquired: 12/3/2007 14:57:51 Type: Cal
Method: TAL20071203B 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	**6800.0**	**8513.4**	**99449.**	**23948.**
Stddev	18.7	2.8	540.	417.
%RSD	.27451	.03247	.54261	1.7416
#1	6786.8	8515.3	99830.	23653.
#2	6813.2	8511.4	99067.	24242.

Sample Name: S Acquired: 12/3/2007 15:00:34 Type: Cal
Method: TAL20071203B 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	**.32290**	**.48253**	**.05101**	**26.699**	**1.0151**	**3.3898**
Stddev	.00054	.00960	.00014	.524	.0172	.0562
%RSD	.16654	1.9904	.27128	1.9645	1.6924	1.6571
#1	.32252	.48932	.05111	27.070	1.0272	3.4295
#2	.32328	.47574	.05091	26.328	1.0029	3.3501

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	**.50586**	**3.5021**	**.13843**	**.45003**	**.53659**	**.46128**
Stddev	.00017	.0033	.00032	.00018	.00888	.00763
%RSD	.03379	.09412	.23100	.04001	1.6558	1.6536
#1	.50598	3.5044	.13821	.44991	.54287	.46667
#2	.50574	3.4997	.13866	.45016	.53031	.45588

Sample Name: S Acquired: 12/3/2007 15:00:34 Type: Cal
Method: TAL20071203B 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	**.36164**	**2.0684**	**2.0176**	**2.0323**	**.16170**	**.32066**
Stddev	.00574	.0042	.0308	.0017	.00024	.00061
%RSD	1.5885	.20307	1.5275	.08125	.14950	.19002
#1	.36570	2.0714	2.0394	2.0335	.16153	.32022
#2	.35758	2.0655	1.9958	2.0311	.16187	.32109

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	**.04249**	**.08322**	**.56367**	**2.9997**
Stddev	.00011	.00002	.00095	.0058
%RSD	.26400	.01913	.16838	.19337
#1	.04241	.08321	.56300	3.0038
#2	.04257	.08323	.56435	2.9956

Sample Name: S Acquired: 12/3/2007 15:00:34 Type: Cal
Method: TAL20071203B 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	**6430.6**	**8317.0**	**96295.**	**24043.**
Stddev	.1	4.3	368.	267.
%RSD	.00130	.05164	.38197	1.1095
#1	6430.5	8320.0	96555.	23854.
#2	6430.6	8314.0	96035.	24231.

Sample Name: ICV Acquired: 12/3/2007 15:03:18 Type: QC
Method: TAL20071203B 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	**482.06**	**2558.5**	**912.46**	**518.89**	**486.49**	**10199.**
Stddev	1.85	61.6	2.61	10.78	10.85	228.
%RSD	.38330	2.4084	.28619	2.0783	2.2311	2.2349
#1	480.76	2602.1	910.62	526.51	494.16	10360.
#2	483.37	2514.9	914.31	511.26	478.81	10037.
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	**465.67**	**496.24**	**482.84**	**484.62**	**5043.4**	**10057.**
Stddev	.76	.70	.14	1.18	112.3	214.
%RSD	.16421	.14194	.02969	.24376	2.2274	2.1262
#1	465.13	496.74	482.74	483.78	5122.8	10208.
#2	466.21	495.75	482.94	485.45	4964.0	9905.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 12/3/2007 15:03:18 Type: QC
Method: TAL20071203B 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	**6136.8**	**508.26**	**10285.**	**492.05**	**930.67**	**967.63**
Stddev	152.0	.32	210.	.65	.87	.82
%RSD	2.4768	.06275	2.0387	.13173	.09333	.08444
#1	6244.3	508.04	10434.	492.51	931.29	968.21
#2	6029.3	508.49	10137.	491.60	930.06	967.06
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	**926.08**	**947.29**	**498.94**	**993.30**
Stddev	1.12	.41	1.19	1.14
%RSD	.12093	.04295	.23895	.11483
#1	926.87	947.00	498.10	994.10
#2	925.29	947.58	499.79	992.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV Acquired: 12/3/2007 15:03:18 Type: QC
Method: TAL20071203B 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	**6614.5**	**8375.8**	**98238.**	**23736.**
Stddev	1.7	9.3	195.	488.
%RSD	.02592	.11094	.19847	2.0549
#1	6613.3	8382.3	98100.	23391.
#2	6615.7	8369.2	98376.	24081.

Sample Name: ICB Acquired: 12/3/2007 15:05:51 Type: QC
Method: TAL20071203B 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	**-.00371**	**18.515**	**.82194**	**1.1509**	**.03738**	**14.847**
Stddev	.16430	2.979	.34693	.0694	.06115	.675
%RSD	4431.0	16.092	42.209	6.0324	163.61	4.5484
#1	.11247	16.408	1.0673	1.2000	-.00586	14.370
#2	-.11988	20.622	.57663	1.1018	.08062	15.325
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	**-.03648**	**.24508**	**.29861**	**-.06391**	**5.4809**	**-1.5601**
Stddev	.10269	.01183	.31216	.05074	.1873	3.4968
%RSD	281.52	4.8281	104.54	79.396	3.4183	224.14
#1	.03613	.25344	.07788	-.09978	5.6134	-4.0327
#2	-.10909	.23671	.51934	-.02803	5.3484	.91251
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 12/3/2007 15:05:51 Type: QC
Method: TAL20071203B 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	**15.595**	**.30787**	**13.108**	**.31447**	**-.30289**	**1.8443**
Stddev	6.104	.03102	5.141	.01106	.43406	.7456
%RSD	39.140	10.075	39.217	3.5166	143.30	40.428
#1	11.279	.32981	16.743	.32229	-.60982	2.3715
#2	19.911	.28594	9.4731	.30665	.00403	1.3171
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	**.94571**	**.06974**	**.13542**	**.86670**
Stddev	1.0710	.21719	.23151	.13454
%RSD	113.25	311.42	170.96	15.523
#1	1.7030	.22331	-.02829	.77157
#2	.18838	-.08383	.29912	.96184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICB Acquired: 12/3/2007 15:05:51 Type: QC
Method: TAL20071203B 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	**6759.3**	**8416.1**	**98196.**	**23825.**
Stddev	5.5	9.4	34.	428.
%RSD	.08168	.11224	.03500	1.7955
#1	6763.2	8422.7	98220.	23523.
#2	6755.4	8409.4	98171.	24128.

Sample Name: CRI Acquired: 12/3/2007 15:08:34 Type: QC
Method: TAL20071203B 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	**10.222**	**9.8969**	**9.7160**	**.35913**	**5.1173**	**6.7281**
Stddev	.060	.7602	.1636	.00067	.1027	1.0088
%RSD	.59116	7.6813	1.6833	.18617	2.0068	14.993
#1	10.265	9.3593	9.8317	.35866	5.1899	6.0148
#2	10.180	10.434	9.6004	.35960	5.0447	7.4414
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	**4.8732**	**51.076**	**10.325**	**25.559**	**5.0774**	**-7.4488**
Stddev	.1031	.205	.079	.082	.4824	22.764
%RSD	2.1165	.40195	.76468	.32049	9.5009	305.61
#1	4.8003	51.221	10.381	25.617	4.7363	8.6481
#2	4.9461	50.931	10.269	25.501	5.4186	-23.546
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 12/3/2007 15:08:34 Type: QC
Method: TAL20071203B 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	**14.461**	**16.568**	**.88393**	**41.026**	**11.442**	**59.966**
Stddev	3.395	.046	1.4525	.018	.091	.130
%RSD	23.476	.27568	164.32	.04437	.79590	.21750
#1	12.061	16.536	-.14311	41.039	11.506	59.874
#2	16.862	16.601	1.9110	41.013	11.377	60.058
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	**33.847**	**26.945**	**51.883**	**59.631**
Stddev	.661	1.337	.219	.041
%RSD	1.9539	4.9627	.42164	.06811
#1	34.315	27.891	52.037	59.660
#2	33.380	26.000	51.728	59.602
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 12/3/2007 15:08:34 Type: QC
Method: TAL20071203B 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	**6758.7**	**8383.7**	**97572.**	**24002.**
Stddev	5.6	3.3	37.	399.
%RSD	.08218	.03947	.03766	1.6604
#1	6754.8	8381.3	97546.	23720.
#2	6762.6	8386.0	97598.	24284.

Sample Name: ICSA Acquired: 12/3/2007 15:11:14 Type: QC
Method: TAL20071203B 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	**-.07506**	**248040.**	**-.37748**	**-2.7274**	**1.4634**	**238540.**
Stddev	.30064	1233.	.44878	.0539	.0066	926.
%RSD	400.52	.49699	118.89	1.9761	.45269	.38807
#1	.13752	248910.	-.69481	-2.6893	1.4587	239190.
#2	-.28765	247170.	-.06014	-2.7655	1.4681	237880.
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	**1.9498**	**2.7241**	**45.902**	**23.613**	**96348.**	**-81.632**
Stddev	.0585	.0422	.495	.185	387.	21.139
%RSD	2.9980	1.5486	1.0791	.78483	.40138	25.896
#1	1.9085	2.7539	45.552	23.481	96621.	-66.684
#2	1.9911	2.6942	46.253	23.744	96074.	-96.580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 12/3/2007 15:11:14 Type: QC
Method: TAL20071203B 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	**247800.**	**16.405**	**750.65**	**17.832**	**13.511**	**.89963**
Stddev	884.	.026	.80	.547	.438	.62548
%RSD	.35674	.16074	.10701	3.0649	3.2409	69.526
#1	248430.	16.386	750.08	17.445	13.820	1.3419
#2	247180.	16.424	751.22	18.218	13.201	.45735
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	**-4.5929**	**-.38531**	**-.97995**	**23.596**
Stddev	.3043	.85918	.11538	.034
%RSD	6.6251	222.98	11.774	.14577
#1	-4.3777	.22222	-1.0615	23.571
#2	-4.8080	-.99284	-.89837	23.620
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 12/3/2007 15:11:14 Type: QC
Method: TAL20071203B 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	**5795.5**	**7652.1**	**89159.**	**23389.**
Stddev	4.9	4.3	146.	21.
%RSD	.08492	.05593	.16360	.09134
#1	5792.0	7649.1	89056.	23374.
#2	5799.0	7655.2	89262.	23404.

Sample Name: ICSAB Acquired: 12/3/2007 15:13:57 Type: QC
Method: TAL20071203B 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	**215.04**	**253280.**	**94.966**	**517.03**	**504.16**	**238970.**
Stddev	1.38	18116.	.587	36.27	35.87	19315.
%RSD	.63990	7.1523	.61777	7.0154	7.1138	8.0827
#1	214.07	266090.	95.381	542.68	529.52	252630.
#2	216.02	240470.	94.551	491.39	478.80	225310.
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	**974.18**	**492.99**	**544.49**	**518.23**	**98897.**	**-91.901**
Stddev	.59	.58	2.15	2.53	7003.	5.322
%RSD	.06097	.11774	.39445	.48876	7.0807	5.7909
#1	974.60	493.40	542.97	516.43	103850.	-88.138
#2	973.76	492.58	546.01	520.02	93945.	-95.665
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 12/3/2007 15:13:57 Type: QC
Method: TAL20071203B 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	**251370.**	**522.78**	**759.67**	**1000.4**	**64.653**	**611.62**
Stddev	18171.	2.61	50.58	.9	2.377	.98
%RSD	7.2287	.49956	6.6577	.08628	3.6773	.15992
#1	264210.	520.94	795.43	1001.0	62.972	612.31
#2	238520.	524.63	723.90	999.81	66.334	610.92
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	**55.267**	**94.157**	**498.38**	**985.53**
Stddev	1.299	.648	1.42	.56
%RSD	2.3506	.68811	.28432	.05633
#1	54.348	93.699	497.38	985.92
#2	56.186	94.615	499.38	985.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 12/3/2007 15:13:57 Type: QC
Method: TAL20071203B 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	**5810.8**	**7648.5**	**88810.**	**22929.**
Stddev	2.9	10.0	467.	1411.
%RSD	.04979	.13031	.52535	6.1554
#1	5812.8	7655.6	89139.	21931.
#2	5808.7	7641.5	88480.	23927.

Sample Name: CCV Acquired: 12/3/2007 15:16:39 Type: QC
Method: TAL20071203B 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	**627.00**	**5004.6**	**253.94**	**4971.7**	**125.45**	**12303.**
Stddev	2.38	169.6	3.19	188.9	4.71	479.
%RSD	.37907	3.3892	1.2545	3.7987	3.7519	3.8964
#1	625.32	4884.6	256.19	4838.2	122.12	11964.
#2	628.69	5124.5	251.69	5105.3	128.78	12642.
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	**129.78**	**1262.7**	**503.59**	**588.61**	**2540.3**	**12630.**
Stddev	1.97	22.4	.79	1.35	91.9	444.
%RSD	1.5211	1.7746	.15691	.22959	3.6193	3.5121
#1	131.18	1278.6	503.03	587.66	2475.3	12317.
#2	128.39	1246.9	504.15	589.57	2605.3	12944.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2007 15:16:39 Type: QC
Method: TAL20071203B 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	**12356.**	**1252.0**	**12250.**	**1261.5**	**252.40**	**1290.9**
Stddev	480.	2.2	444.	22.3	4.19	21.2
%RSD	3.8868	.17782	3.6250	1.7709	1.6593	1.6456
#1	12017.	1250.4	11936.	1277.3	255.36	1305.9
#2	12696.	1253.5	12564.	1245.7	249.44	1275.9
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	**255.43**	**253.94**	**1224.2**	**1251.4**
Stddev	2.91	4.55	2.9	21.1
%RSD	1.1399	1.7903	.23530	1.6891
#1	257.49	257.16	1222.1	1266.4
#2	253.37	250.73	1226.2	1236.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 12/3/2007 15:16:39 Type: QC
Method: TAL20071203B 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	**6388.6**	**8059.9**	**96362.**	**23683.**
Stddev	97.2	113.6	152.	703.
%RSD	1.5209	1.4092	.15725	2.9672
#1	6319.9	7979.5	96254.	24180.
#2	6457.3	8140.2	96469.	23186.

Sample Name: CCB Acquired: 12/3/2007 15:19:15 Type: QC
Method: TAL20071203B 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	**.10826**	**13.677**	**-.13663**	**1.5855**	**.10507**	**16.515**
Stddev	.16971	2.813	.01627	.0890	.00193	.881
%RSD	156.76	20.566	11.910	5.6159	1.8333	5.3354
#1	.22826	11.688	-.14814	1.6484	.10643	17.138
#2	-.01174	15.666	-.12513	1.5225	.10370	15.892
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	**.08571**	**.61701**	**.32468**	**.08082**	**6.8035**	**-1.2034**
Stddev	.00864	.04272	.07828	.13744	.2215	27.605
%RSD	10.078	6.9236	24.111	170.07	3.2552	2294.0
#1	.07960	.58681	.38003	.17800	6.6469	-20.723
#2	.09182	.64722	.26932	-.01637	6.9601	18.316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/3/2007 15:19:15 Type: QC
Method: TAL20071203B 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	**16.692**	**.43892**	**2.6340**	**.81264**	**-.55549**	**1.4644**
Stddev	8.071	.05950	5.2302	.39061	.38485	.0339
%RSD	48.354	13.556	198.57	48.068	69.281	2.3136
#1	10.985	.39685	-1.0644	.53643	-.82762	1.4883
#2	22.399	.48099	6.3323	1.0888	-.28336	1.4404
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	**.94266**	**.26303**	**.28251**	**1.2264**
Stddev	.35879	.85952	.54777	.0974
%RSD	38.062	326.77	193.89	7.9421
#1	.68895	-.34474	-.10482	1.1575
#2	1.1964	.87081	.66984	1.2953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/3/2007 15:19:15 Type: QC
Method: TAL20071203B 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	**6734.3**	**8356.6**	**96801.**	**24189.**
Stddev	3.7	2.5	691.	142.
%RSD	.05524	.03029	.71396	.58665
#1	6731.7	8358.4	97290.	24289.
#2	6736.9	8354.8	96313.	24089.

Sample Name: ICPBLKR3 Acquired: 12/3/2007 15:22:00 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSR3 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	**.05472**	**8.1552**	**.53392**	**.28842**	**.00879**	**7.6851**
Stddev	.16732	5.6758	.31430	.12215	.00150	1.8350
%RSD	305.79	69.598	58.866	42.352	17.026	23.877
#1	.17303	12.169	.75617	.20204	.00773	8.9826
#2	-.06359	4.1418	.31168	.37479	.00985	6.3875
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	**-.04265**	**.19726**	**-.02742**	**-.13786**	**3.2752**	**-33.038**
Stddev	.04335	.16219	.09204	.10257	.6224	42.380
%RSD	101.64	82.225	335.71	74.400	19.005	128.28
#1	-.07330	.08257	.03766	-.21039	3.7153	-3.0707
#2	-.01200	.31194	-.09249	-.06533	2.8350	-63.005
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ICPBLKR3 Acquired: 12/3/2007 15:22:00 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSR3 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	**1.3450**	**.22012**	**1.2306**	**.31030**	**-.19730**	**1.2217**
Stddev	3.7806	.03778	.9400	.05985	.38903	.6779
%RSD	281.09	17.165	76.384	19.288	197.17	55.489
#1	4.0183	.19341	1.8953	.26798	.07778	1.7011
#2	-1.3283	.24684	.56596	.35263	-.47239	.74235
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	**1.3768**	**-.29238**	**-.00643**	**.97388**
Stddev	.4969	.53663	.16179	.19818
%RSD	36.094	183.54	2516.2	20.350
#1	1.0254	.08707	-.12084	.83374
#2	1.7281	-.67184	.10798	1.1140
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICPBLKR3 Acquired: 12/3/2007 15:22:00 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSR3 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	**6737.7**	**8370.6**	**97713.**	**23990.**
Stddev	6.0	3.6	61.	75.
%RSD	.08904	.04282	.06232	.31131
#1	6733.5	8373.1	97670.	23937.
#2	6742.0	8368.0	97756.	24043.

Sample Name: ICPLCSR3 Acquired: 12/3/2007 15:24:45 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSR3 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	**58.067**	**1040.8**	**2269.4**	**9.8205**	**46.258**	**375780.**
Stddev	.319	35.9	5.3	.2071	1.741	26358.
%RSD	.54864	3.4521	.23444	2.1092	3.7626	7.0143
#1	58.292	1015.4	2273.2	9.6740	45.027	357140.
#2	57.842	1066.2	2265.7	9.9669	47.488	394420.
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	**114.15**	**374.06**	**260.05**	**16729.**	**59795.**	**135.18**
Stddev	.01	.95	.47	76.	2222.	16.68
%RSD	.00908	.25493	.17976	.45522	3.7153	12.337
#1	114.15	373.39	259.72	16675.	58224.	123.39
#2	114.14	374.73	260.38	16783.	61366.	146.97
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ICPLCSR3 Acquired: 12/3/2007 15:24:45 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSR3 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	**243890.**	**552.90**	**82.183**	**152.44**	**509.42**	**632.60**
Stddev	9772.	1.42	6.791	.66	.58	3.49
%RSD	4.0067	.25764	8.2626	.43372	.11456	.55157
#1	236980.	551.90	86.985	151.97	509.01	635.07
#2	250800.	553.91	77.382	152.91	509.83	630.13
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	**94.642**	**80.654**	**160.83**	**416.28**
Stddev	1.621	.065	.39	1.91
%RSD	1.7122	.08048	.24048	.45969
#1	93.496	80.608	160.56	414.92
#2	95.788	80.700	161.11	417.63
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICPLCSR3 Acquired: 12/3/2007 15:24:45 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSR3 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	**5448.4**	**7270.2**	**85950.**	**22828.**
Stddev	12.4	39.8	151.	736.
%RSD	.22775	.54713	.17527	3.2258
#1	5439.6	7242.1	85844.	23349.
#2	5457.2	7298.3	86057.	22308.

Sample Name: 0008728-01 Acquired: 12/3/2007 15:27:32 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8 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	**1.4911**	**137860.**	**60.041**	**1972.1**	**2.8846**	**40115.**
Stddev	.1321	3372.	.797	48.0	.0631	1013.
%RSD	8.8612	2.4462	1.3275	2.4342	2.1888	2.5263
#1	1.5846	135470.	60.605	1938.1	2.8400	39398.
#2	1.3977	140240.	59.477	2006.0	2.9292	40832.
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	**8.0332**	**92.708**	**211.85**	**222.74**	**151330.**	**35062.**
Stddev	.0378	.356	.67	.22	4761.	870.
%RSD	.47048	.38366	.31468	.09761	3.1462	2.4808
#1	8.0599	92.959	212.32	222.89	147960.	34447.
#2	8.0065	92.456	211.38	222.59	154700.	35677.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-01 Acquired: 12/3/2007 15:27:32 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8 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	**31998.**	**5322.1**	**1232.2**	**153.11**	**425.23**	**8.9368**
Stddev	882.	1.1	24.4	.59	2.66	.6543
%RSD	2.7578	.02154	1.9832	.38363	.62633	7.3212
#1	31374.	5322.9	1214.9	153.52	427.11	9.3994
#2	32622.	5321.3	1249.5	152.69	423.34	8.4742
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	**2.0102**	**-6.2881**	**290.44**	**1175.8**
Stddev	1.3705	.9039	.08	4.4
%RSD	68.176	14.375	.02767	.37330
#1	1.0411	-6.9272	290.39	1178.9
#2	2.9793	-5.6489	290.50	1172.6
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-01 Acquired: 12/3/2007 15:27:32 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8 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	**6118.4**	**8875.1**	**103240.**	**26560.**
Stddev	19.3	12.6	394.	465.
%RSD	.31522	.14228	.38129	1.7489
#1	6104.8	8866.2	102960.	26889.
#2	6132.0	8884.1	103520.	26232.

Sample Name: 0008728-01D Acquired: 12/3/2007 15:30:23 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8D 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	**1.8111**	**142960.**	**58.618**	**2051.1**	**2.9631**	**41496.**
Stddev	.1290	1052.	.324	16.4	.0022	319.
%RSD	7.1238	.73614	.55272	.80156	.07347	.76823
#1	1.9023	143710.	58.847	2062.7	2.9616	41722.
#2	1.7199	142220.	58.389	2039.5	2.9647	41271.
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	**8.0601**	**92.687**	**208.25**	**216.61**	**155430.**	**36246.**
Stddev	.1640	.633	1.28	.47	1866.	333.
%RSD	2.0340	.68281	.61441	.21871	1.2007	.91763
#1	7.9442	93.135	209.16	216.95	154110.	36482.
#2	8.1761	92.240	207.35	216.28	156750.	36011.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-01D Acquired: 12/3/2007 15:30:23 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8D 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	**32986.**	**5344.5**	**1279.6**	**153.76**	**424.48**	**7.7988**
Stddev	205.	21.9	13.6	.79	1.26	.3066
%RSD	.62140	.41006	1.0608	.51132	.29776	3.9318
#1	33131.	5360.0	1289.2	154.31	425.38	8.0156
#2	32841.	5329.0	1270.0	153.20	423.59	7.5820
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	**3.0794**	**-3.6847**	**289.86**	**1183.8**
Stddev	2.8537	.5769	1.78	3.2
%RSD	92.668	15.656	.61327	.27175
#1	1.0616	-4.0927	291.12	1186.1
#2	5.0973	-3.2768	288.60	1181.5
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-01D Acquired: 12/3/2007 15:30:23 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8D 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	**6097.2**	**8860.0**	**103380.**	**25947.**
Stddev	19.7	15.5	1017.	236.
%RSD	.32382	.17446	.98361	.91032
#1	6083.2	8849.1	102670.	25780.
#2	6111.2	8870.9	104100.	26114.

Sample Name: 0008728-01S Acquired: 12/3/2007 15:33:15 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8S 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	**78.723**	**179160.**	**132.17**	**5765.0**	**85.904**	**50279.**
Stddev	.259	1176.	1.75	136.7	.493	259.
%RSD	.32922	.65644	1.3272	2.3709	.57386	.51496
#1	78.906	180000.	130.93	5668.3	86.253	50462.
#2	78.540	178330.	133.41	5861.6	85.556	50096.
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	**84.371**	**1044.8**	**605.24**	**662.26**	**176840.**	**44253.**
Stddev	.030	2.2	1.67	1.45	1331.	290.
%RSD	.03520	.20861	.27542	.21871	.75260	.65522
#1	84.350	1043.3	604.06	663.29	175900.	44458.
#2	84.392	1046.4	606.42	661.24	177780.	44048.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-01S Acquired: 12/3/2007 15:33:15 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8S 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	**39140.**	**7056.0**	**1998.2**	**1119.5**	**568.50**	**165.13**
Stddev	136.	20.4	21.9	3.5	2.27	1.65
%RSD	.34635	.28901	1.0946	.31376	.39911	1.0022
#1	39235.	7041.6	2013.6	1117.0	566.90	166.30
#2	39044.	7070.4	1982.7	1121.9	570.11	163.96
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	**90.420**	**80.039**	**1149.9**	**2163.6**
Stddev	.101	2.306	2.7	7.6
%RSD	.11197	2.8817	.23331	.35224
#1	90.491	78.408	1151.8	2158.2
#2	90.348	81.670	1148.0	2169.0
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-01S Acquired: 12/3/2007 15:33:15 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8S 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	**5966.3**	**8915.1**	**103810.**	**26219.**
Stddev	4.3	34.5	116.	146.
%RSD	.07251	.38696	.11207	.55835
#1	5963.2	8890.7	103730.	26115.
#2	5969.4	8939.5	103900.	26322.

Sample Name: 0008728-01L Acquired: 12/3/2007 15:36:11 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8L Dilution: 5 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	**.13202**	**30380.**	**13.066**	**431.93**	**.78436**	**8966.7**
Stddev	.09091	582.	.719	7.15	.03299	180.7
%RSD	68.860	1.9149	5.4996	1.6552	4.2059	2.0150
#1	.06774	30791.	12.558	436.99	.80768	9094.5
#2	.19630	29969.	13.574	426.88	.76103	8838.9
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	**1.7965**	**18.362**	**45.810**	**44.212**	**34812.**	**7786.6**
Stddev	.0016	.145	.545	.280	619.	138.3
%RSD	.08680	.79215	1.1894	.63333	1.7781	1.7758
#1	1.7954	18.259	45.424	44.014	35250.	7884.4
#2	1.7976	18.465	46.195	44.410	34375.	7688.8
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-01L Acquired: 12/3/2007 15:36:11 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8L Dilution: 5 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	**7162.2**	**1185.5**	**274.32**	**30.668**	**84.869**	**2.2844**
Stddev	140.2	2.1	.23	.177	.712	.9563
%RSD	1.9570	.17908	.08391	.57757	.83887	41.861
#1	7261.4	1184.0	274.16	30.793	85.372	1.6082
#2	7063.1	1187.0	274.49	30.543	84.365	2.9605
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	**1.9018**	**-1.0282**	**62.122**	**237.99**
Stddev	.8451	.3052	.122	.30
%RSD	44.439	29.684	.19646	.12616
#1	1.3042	-1.2441	62.036	238.20
#2	2.4994	-.81242	62.208	237.78
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-01L Acquired: 12/3/2007 15:36:11 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H8L Dilution: 5 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	**6699.7**	**8748.3**	**102150.**	**25124.**
Stddev	2.9	20.4	296.	426.
%RSD	.04389	.23276	.28941	1.6965
#1	6701.8	8762.7	102360.	24823.
#2	6697.6	8733.9	101940.	25426.

Sample Name: 0008728-02 Acquired: 12/3/2007 15:38:51 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H9 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	**2.1957**	**177390.**	**51.529**	**2705.6**	**2.0149**	**49208.**
Stddev	.3453	4404.	.201	66.4	.1081	1277.
%RSD	15.729	2.4827	.39078	2.4534	5.3640	2.5953
#1	1.9515	174280.	51.671	2658.7	1.9385	48305.
#2	2.4399	180510.	51.387	2752.5	2.0913	50111.
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	**6.3072**	**110.20**	**306.36**	**249.48**	**171560.**	**44427.**
Stddev	.1115	.11	.50	.44	4904.	1171.
%RSD	1.7678	.10134	.16312	.17551	2.8586	2.6363
#1	6.2284	110.28	306.01	249.79	168090.	43599.
#2	6.3861	110.12	306.71	249.17	175030.	45255.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-02 Acquired: 12/3/2007 15:38:51 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H9 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	**41111.**	**5003.2**	**2577.4**	**248.77**	**339.27**	**6.0839**
Stddev	1077.	15.1	63.3	.25	.33	.2111
%RSD	2.6191	.30090	2.4568	.09977	.09828	3.4705
#1	40349.	5013.8	2532.6	248.60	339.50	5.9346
#2	41872.	4992.5	2622.2	248.95	339.03	6.2332
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	**1.0748**	**-10.424**	**365.64**	**924.39**
Stddev	1.7229	1.945	1.34	2.95
%RSD	160.29	18.656	.36517	.31873
#1	-.14343	-9.0493	366.58	922.31
#2	2.2931	-11.800	364.69	926.48
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-02 Acquired: 12/3/2007 15:38:51 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24H9 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	**5859.0**	**8786.2**	**101410.**	**26226.**
Stddev	30.9	58.0	1163.	452.
%RSD	.52697	.66024	1.1469	1.7251
#1	5837.1	8745.2	100590.	26546.
#2	5880.8	8827.2	102240.	25906.

Sample Name: 0008728-03 Acquired: 12/3/2007 15:41:42 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J0 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	**1.2413**	**173410.**	**58.773**	**2201.9**	**1.6281**	**48576.**
Stddev	.1052	5488.	.407	70.7	.1607	1574.
%RSD	8.4735	3.1649	.69322	3.2125	9.8702	3.2403
#1	1.3157	169530.	58.485	2151.9	1.5144	47463.
#2	1.1669	177290.	59.061	2251.9	1.7417	49689.
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	**6.3553**	**119.31**	**279.28**	**214.72**	**200530.**	**39242.**
Stddev	.1158	.23	1.05	1.19	7858.	1260.
%RSD	1.8214	.19030	.37762	.55250	3.9187	3.2103
#1	6.2735	119.47	278.54	213.88	194970.	38351.
#2	6.4372	119.15	280.03	215.56	206080.	40133.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-03 Acquired: 12/3/2007 15:41:42 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J0 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	**38324.**	**4868.0**	**2413.5**	**191.72**	**318.53**	**6.2031**
Stddev	1299.	20.6	64.5	.50	.16	1.3984
%RSD	3.3892	.42241	2.6705	.26004	.04902	22.544
#1	37405.	4853.4	2368.0	191.37	318.42	5.2142
#2	39242.	4882.5	2459.1	192.07	318.64	7.1919
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	**-.26945**	**-8.5238**	**483.41**	**849.73**
Stddev	.70631	1.4003	1.19	.74
%RSD	262.13	16.429	.24716	.08765
#1	-.76888	-7.5336	482.57	850.25
#2	.22999	-9.5140	484.26	849.20
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-03 Acquired: 12/3/2007 15:41:42 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J0 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	**5953.4**	**9104.8**	**105160.**	**27166.**
Stddev	23.4	32.1	303.	577.
%RSD	.39335	.35255	.28845	2.1232
#1	5936.9	9082.1	105370.	27574.
#2	5970.0	9127.5	104950.	26758.

Sample Name: 0008728-04 Acquired: 12/3/2007 15:44:31 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J1 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	**2.5696**	**186780.**	**70.927**	**2627.2**	**2.1445**	**49932.**
Stddev	.2692	6274.	.113	87.3	.1540	1662.
%RSD	10.474	3.3592	.15921	3.3216	7.1801	3.3285
#1	2.7600	182350.	71.007	2565.5	2.0356	48757.
#2	2.3793	191220.	70.848	2688.9	2.2534	51108.
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	**7.7759**	**123.66**	**264.63**	**246.94**	**184220.**	**41125.**
Stddev	.1805	.01	.28	.46	10126.	1361.
%RSD	2.3219	.00408	.10656	.18651	5.4966	3.3098
#1	7.6482	123.66	264.43	246.61	177060.	40163.
#2	7.9035	123.66	264.83	247.26	191380.	42088.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-04 Acquired: 12/3/2007 15:44:31 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J1 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	**39628.**	**5283.0**	**2251.1**	**208.63**	**536.15**	**7.9126**
Stddev	1260.	18.5	72.8	.24	1.47	1.1984
%RSD	3.1795	.35014	3.2330	.11593	.27338	15.145
#1	38737.	5270.0	2199.6	208.45	537.19	7.0652
#2	40519.	5296.1	2302.6	208.80	535.11	8.7600
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	**-.53124**	**-9.5651**	**426.67**	**1035.7**
Stddev	.37990	2.0027	.61	.9
%RSD	71.512	20.938	.14259	.08458
#1	-.26261	-8.1490	426.24	1035.1
#2	-.79987	-10.981	427.10	1036.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-04 Acquired: 12/3/2007 15:44:31 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J1 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	**5960.0**	**8950.1**	**105390.**	**26861.**
Stddev	8.6	14.8	118.	638.
%RSD	.14422	.16505	.11237	2.3763
#1	5954.0	8939.7	105300.	27313.
#2	5966.1	8960.6	105470.	26410.

Sample Name: BLANK Acquired: 12/3/2007 15:47:21 Type: Unk
Method: TAL20071203B 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	**-.03384**	**55.597**	**-.84175**	**.74613**	**-.01957**	**14.106**
Stddev	.09256	5.377	.20398	.13073	.00257	1.789
%RSD	273.49	9.6721	24.233	17.522	13.119	12.681
#1	.03161	51.795	-.98599	.65368	-.01776	12.841
#2	-.09929	59.399	-.69751	.83857	-.02139	15.370
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	**.26613**	**-.15553**	**.39293**	**-.21637**	**55.751**	**7.6309**
Stddev	.03088	.10403	.12507	.16107	3.808	21.506
%RSD	11.602	66.888	31.829	74.440	6.8308	281.82
#1	.24430	-.22910	.30449	-.10248	53.059	-7.5759
#2	.28796	-.08197	.48136	-.33026	58.444	22.838
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 12/3/2007 15:47:21 Type: Unk
Method: TAL20071203B 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	**14.522**	**1.5253**	**9.3938**	**-.29681**	**.36468**	**2.4255**
Stddev	8.433	.0857	6.1358	.06717	.36563	.0253
%RSD	58.070	5.6205	65.317	22.631	100.26	1.0434
#1	8.5589	1.4647	13.732	-.34431	.62321	2.4434
#2	20.485	1.5860	5.0552	-.24932	.10614	2.4076
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	**3.0391**	**-1.9995**	**.34107**	**.21170**
Stddev	.3936	.3923	.04247	.03851
%RSD	12.952	19.619	12.451	18.191
#1	3.3174	-1.7221	.37109	.18447
#2	2.7608	-2.2769	.31104	.23893
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 12/3/2007 15:47:21 Type: Unk
Method: TAL20071203B 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	**6378.7**	**8106.6**	**94511.**	**24180.**
Stddev	30.3	36.4	717.	1800.
%RSD	.47468	.44949	.75820	7.4455
#1	6357.3	8080.8	94004.	25453.
#2	6400.1	8132.4	95018.	22907.

Sample Name: CCV Acquired: 12/3/2007 15:50:04 Type: QC
Method: TAL20071203B 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	**612.18**	**5286.3**	**241.67**	**5158.2**	**130.98**	**13122.**
Stddev	.18	118.3	1.08	115.2	3.11	327.
%RSD	.02954	2.2381	.44654	2.2339	2.3772	2.4931
#1	612.05	5369.9	240.90	5239.7	133.18	13353.
#2	612.31	5202.6	242.43	5076.7	128.78	12891.
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	**122.27**	**1214.4**	**497.99**	**572.43**	**2648.8**	**13195.**
Stddev	.12	1.6	1.08	.12	65.3	301.
%RSD	.09957	.13062	.21748	.02025	2.4668	2.2809
#1	122.18	1213.3	498.76	572.51	2695.0	13408.
#2	122.35	1215.5	497.23	572.35	2602.6	12982.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2007 15:50:04 Type: QC
Method: TAL20071203B 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	**12967.**	**1230.6**	**12742.**	**1235.1**	**241.78**	**1196.0**
Stddev	323.	4.1	292.	1.7	.16	.6
%RSD	2.4945	.33329	2.2951	.13899	.06687	.05285
#1	13195.	1233.5	12949.	1233.9	241.90	1195.5
#2	12738.	1227.7	12535.	1236.3	241.67	1196.4
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	**235.03**	**244.39**	**1187.7**	**1254.3**
Stddev	1.07	.34	2.9	2.8
%RSD	.45344	.14060	.24757	.22589
#1	235.78	244.64	1189.8	1252.3
#2	234.28	244.15	1185.7	1256.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 12/3/2007 15:50:04 Type: QC
Method: TAL20071203B 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	**6831.9**	**8828.9**	**102790.**	**23552.**
Stddev	35.0	51.7	275.	540.
%RSD	.51185	.58583	.26767	2.2927
#1	6856.7	8865.5	102600.	23170.
#2	6807.2	8792.3	102990.	23934.

Sample Name: CCB Acquired: 12/3/2007 15:52:41 Type: QC
Method: TAL20071203B 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	**.52523**	**20.597**	**.18220**	**2.1435**	**.08663**	**19.314**
Stddev	.01586	4.750	1.2529	.0523	.00101	.888
%RSD	3.0204	23.063	687.64	2.4400	1.1672	4.5985
#1	.53645	17.238	-.70372	2.1065	.08734	18.686
#2	.51401	23.956	1.0681	2.1805	.08591	19.942
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	**.10601**	**1.2133**	**.56620**	**-.41143**	**9.5605**	**16.348**
Stddev	.12916	.1379	.46069	.53967	.1865	31.291
%RSD	121.84	11.363	81.366	131.17	1.9507	191.41
#1	.19733	1.1158	.89196	-.79303	9.6924	38.474
#2	.01468	1.3108	.24044	-.02982	9.4287	-5.7784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/3/2007 15:52:41 Type: QC
Method: TAL20071203B 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	**24.126**	**.83674**	**7.0634**	**1.4371**	**.46480**	**2.6255**
Stddev	6.013	.13278	4.5249	.0036	.14042	.9252
%RSD	24.922	15.868	64.061	.25256	30.212	35.240
#1	19.874	.74286	10.263	1.4346	.56409	1.9713
#2	28.378	.93063	3.8639	1.4397	.36550	3.2798
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	**.76002**	**.51077**	**.88907**	**1.9833**
Stddev	.96972	.32132	.33926	.2488
%RSD	127.59	62.908	38.159	12.543
#1	.07432	.28357	.64917	1.8074
#2	1.4457	.73798	1.1290	2.1592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/3/2007 15:52:41 Type: QC
Method: TAL20071203B 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	**6927.5**	**8747.9**	**102390.**	**24355.**
Stddev	2.6	2.4	76.	732.
%RSD	.03685	.02719	.07419	3.0036
#1	6929.3	8746.2	102440.	23837.
#2	6925.7	8749.6	102330.	24872.

Sample Name: 0008728-05 Acquired: 12/3/2007 15:55:25 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J2 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	**2.2081**	**198990.**	**56.784**	**2961.0**	**3.1391**	**54102.**
Stddev	.2432	3694.	1.990	57.1	.0667	990.
%RSD	11.013	1.8565	3.5048	1.9292	2.1251	1.8301
#1	2.0361	196380.	58.191	2920.6	3.0919	53402.
#2	2.3800	201610.	55.377	3001.4	3.1862	54802.
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	**5.7576**	**103.18**	**296.44**	**222.82**	**165360.**	**36342.**
Stddev	.0456	.21	.09	.63	1721.	744.
%RSD	.79156	.20726	.02876	.28110	1.0406	2.0480
#1	5.7899	103.33	296.38	223.26	164140.	35816.
#2	5.7254	103.03	296.50	222.38	166570.	36869.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-05 Acquired: 12/3/2007 15:55:25 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J2 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	**43746.**	**3879.9**	**1981.4**	**245.50**	**326.13**	**5.4990**
Stddev	796.	18.5	33.4	.03	.23	.0370
%RSD	1.8185	.47674	1.6849	.01171	.07051	.67231
#1	43184.	3866.9	1957.8	245.52	325.97	5.4729
#2	44309.	3893.0	2005.0	245.48	326.29	5.5252
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	**-.18510**	**-9.4728**	**378.94**	**817.60**
Stddev	.76707	1.8626	.10	.13
%RSD	414.40	19.663	.02579	.01549
#1	.35730	-10.790	378.87	817.69
#2	-.72750	-8.1557	379.01	817.51
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-05 Acquired: 12/3/2007 15:55:25 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J2 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	**5954.3**	**8897.4**	**103400.**	**26243.**
Stddev	36.1	48.3	45.	155.
%RSD	.60680	.54301	.04314	.59011
#1	5928.8	8863.3	103430.	26353.
#2	5979.9	8931.6	103360.	26134.

Sample Name: 0008728-06 Acquired: 12/3/2007 15:58:16 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J3 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	**3.3831**	**200130.**	**75.069**	**2860.7**	**3.8685**	**58546.**
Stddev	.2499	4967.	.306	67.9	.1268	1475.
%RSD	7.3858	2.4818	.40747	2.3723	3.2776	2.5189
#1	3.2064	196620.	74.853	2812.8	3.7788	57503.
#2	3.5598	203640.	75.285	2908.7	3.9581	59589.
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	**10.796**	**121.50**	**282.91**	**299.73**	**182060.**	**57759.**
Stddev	.258	.49	.11	2.10	7529.	1423.
%RSD	2.3861	.40472	.03763	.69966	4.1353	2.4641
#1	10.614	121.84	282.84	301.21	176740.	56752.
#2	10.978	121.15	282.99	298.25	187380.	58765.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-06 Acquired: 12/3/2007 15:58:16 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J3 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	**50235.**	**6111.2**	**2181.4**	**223.88**	**787.75**	**11.867**
Stddev	1209.	67.8	51.3	.60	3.20	1.932
%RSD	2.4063	1.1099	2.3503	.26846	.40613	16.278
#1	49381.	6063.2	2145.2	224.30	790.02	13.233
#2	51090.	6159.2	2217.7	223.45	785.49	10.501
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	**1.0480**	**-7.3635**	**336.61**	**1949.8**
Stddev	1.3168	2.4063	.69	2.2
%RSD	125.65	32.679	.20423	.11054
#1	1.9791	-5.6620	336.13	1951.4
#2	.11688	-9.0650	337.10	1948.3
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-06 Acquired: 12/3/2007 15:58:16 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J3 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	**5873.6**	**9041.3**	**105130.**	**26723.**
Stddev	37.5	57.7	175.	509.
%RSD	.63867	.63780	.16612	1.9065
#1	5847.1	9000.5	105250.	27083.
#2	5900.2	9082.1	105000.	26362.

Sample Name: 0008728-07 Acquired: 12/3/2007 16:01:05 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J4 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	**3.0064**	**172630.**	**71.147**	**2521.4**	**3.2969**	**50047.**
Stddev	.4043	6119.	.526	85.8	.1420	1837.
%RSD	13.450	3.5447	.73866	3.4047	4.3072	3.6701
#1	2.7204	168300.	70.775	2460.7	3.1965	48748.
#2	3.2923	176950.	71.519	2582.1	3.3973	51345.
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	**9.7840**	**119.97**	**264.35**	**247.47**	**169070.**	**49021.**
Stddev	.0798	.44	.87	.94	7353.	1725.
%RSD	.81515	.36356	.32798	.37865	4.3490	3.5190
#1	9.7276	120.28	263.74	248.14	163870.	47801.
#2	9.8404	119.66	264.97	246.81	174270.	50241.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-07 Acquired: 12/3/2007 16:01:05 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J4 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	**44636.**	**6157.9**	**2108.1**	**201.41**	**712.37**	**9.8537**
Stddev	1807.	35.9	74.8	.54	.85	.3736
%RSD	4.0489	.58279	3.5499	.26975	.11873	3.7912
#1	43358.	6132.5	2055.2	201.03	711.77	9.5895
#2	45914.	6183.3	2161.0	201.80	712.97	10.118
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	**1.8278**	**-5.0873**	**332.50**	**1741.5**
Stddev	2.2310	.7481	1.53	.3
%RSD	122.06	14.706	.46019	.01541
#1	3.4054	-4.5582	333.59	1741.3
#2	.25026	-5.6163	331.42	1741.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-07 Acquired: 12/3/2007 16:01:05 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J4 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	**5975.4**	**9018.9**	**104710.**	**26664.**
Stddev	9.9	10.8	34.	898.
%RSD	.16595	.11973	.03231	3.3676
#1	5968.4	9011.3	104690.	27299.
#2	5982.4	9026.5	104740.	26029.

Sample Name: 0008728-08 Acquired: 12/3/2007 16:03:54 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J5 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	**2.5020**	**180560.**	**59.888**	**2848.1**	**3.1071**	**53693.**
Stddev	.4444	726.	2.426	17.5	.0808	252.
%RSD	17.762	.40199	4.0511	.61463	2.5998	.46936
#1	2.1878	181070.	58.173	2860.4	3.0500	53872.
#2	2.8163	180040.	61.604	2835.7	3.1642	53515.
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	**8.4572**	**110.34**	**297.61**	**276.07**	**157140.**	**46754.**
Stddev	.0305	.19	2.50	1.57	2882.	277.
%RSD	.36086	.17342	.84148	.56729	1.8343	.59146
#1	8.4787	110.47	299.38	277.17	155100.	46949.
#2	8.4356	110.20	295.84	274.96	159180.	46558.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-08 Acquired: 12/3/2007 16:03:54 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J5 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	**43172.**	**5219.7**	**1940.6**	**255.05**	**538.06**	**8.4134**
Stddev	102.	16.6	10.1	.47	2.87	1.3510
%RSD	.23563	.31898	.51908	.18239	.53278	16.058
#1	43244.	5207.9	1947.7	255.37	536.03	7.4580
#2	43100.	5231.4	1933.4	254.72	540.09	9.3687
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	**.66938**	**-6.5459**	**285.21**	**1295.1**
Stddev	.96356	.6106	1.59	1.8
%RSD	143.95	9.3276	.55649	.13840
#1	-.01196	-6.1142	286.33	1293.8
#2	1.3507	-6.9777	284.09	1296.3
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-08 Acquired: 12/3/2007 16:03:54 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J5 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	**5919.7**	**9006.0**	**106600.**	**26469.**
Stddev	14.5	55.0	726.	175.
%RSD	.24464	.61123	.68071	.66179
#1	5909.5	8967.0	106090.	26345.
#2	5930.0	9044.9	107110.	26593.

Sample Name: 0008728-09 Acquired: 12/3/2007 16:06:43 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J6 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	**1.4775**	**215720.**	**79.279**	**2834.1**	**4.3446**	**50117.**
Stddev	.7850	6344.	.535	79.9	.1529	1520.
%RSD	53.129	2.9408	.67544	2.8188	3.5187	3.0321
#1	.92244	211240.	79.658	2777.6	4.2365	49042.
#2	2.0326	220210.	78.901	2890.6	4.4527	51191.
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	**8.7012**	**137.89**	**289.91**	**267.27**	**189970.**	**49437.**
Stddev	.1199	.17	3.06	3.76	6389.	1457.
%RSD	1.3780	.12650	1.0555	1.4065	3.3632	2.9471
#1	8.6165	137.77	287.74	264.61	185460.	48407.
#2	8.7860	138.02	292.07	269.93	194490.	50467.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-09 Acquired: 12/3/2007 16:06:43 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J6 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	**43085.**	**7458.5**	**1646.6**	**225.09**	**613.35**	**8.9654**
Stddev	1352.	140.3	46.9	.11	.32	.8890
%RSD	3.1370	1.8814	2.8477	.04834	.05252	9.9164
#1	42129.	7557.7	1613.5	225.16	613.12	8.3367
#2	44040.	7359.2	1679.8	225.01	613.58	9.5940
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	**1.4934**	**-4.5451**	**396.54**	**1219.4**
Stddev	1.8579	1.3748	3.42	.6
%RSD	124.41	30.247	.86349	.04896
#1	2.8072	-3.5730	394.12	1219.0
#2	.17967	-5.5172	398.96	1219.8
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-09 Acquired: 12/3/2007 16:06:43 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J6 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	**5904.6**	**9132.1**	**105700.**	**27005.**
Stddev	15.2	25.2	94.	558.
%RSD	.25729	.27630	.08862	2.0665
#1	5893.9	9114.2	105640.	27399.
#2	5915.3	9149.9	105770.	26610.

Sample Name: BLANK Acquired: 12/3/2007 16:09:31 Type: Unk
Method: TAL20071203B 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	**-.14601**	**61.298**	**-1.0019**	**.81743**	**-.03044**	**16.149**
Stddev	.08635	1.239	.8708	.04453	.01784	1.803
%RSD	59.143	2.0210	86.910	5.4477	58.615	11.162
#1	-.08495	60.422	-.38621	.78594	-.01783	14.875
#2	-.20707	62.174	-1.6177	.84892	-.04306	17.424
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	**.21729**	**-.27259**	**-.03732**	**-.61475**	**65.082**	**22.561**
Stddev	.01603	.04090	.23906	.09016	7.228	25.567
%RSD	7.3782	15.006	640.60	14.666	11.106	113.33
#1	.20595	-.24366	.13172	-.67850	59.971	4.4818
#2	.22862	-.30151	-.20636	-.55100	70.193	40.639
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 12/3/2007 16:09:31 Type: Unk
Method: TAL20071203B 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	**10.710**	**1.8404**	**6.0838**	**-.30089**	**1.0278**	**2.4927**
Stddev	5.031	.0094	4.2747	.04806	.0390	.7880
%RSD	46.976	.51068	70.264	15.972	3.7927	31.611
#1	7.1522	1.8470	9.1065	-.26691	1.0003	3.0499
#2	14.267	1.8338	3.0611	-.33488	1.0554	1.9355
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	**2.3549**	**-2.4949**	**.09862**	**.29794**
Stddev	.6273	.3379	.03403	.08941
%RSD	26.636	13.542	34.509	30.011
#1	1.9114	-2.2560	.07456	.23472
#2	2.7985	-2.7339	.12269	.36117
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 12/3/2007 16:09:31 Type: Unk
Method: TAL20071203B 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	**6400.2**	**8175.0**	**95036.**	**24878.**
Stddev	25.5	46.5	59.	2335.
%RSD	.39786	.56884	.06200	9.3857
#1	6382.2	8142.1	94995.	26529.
#2	6418.2	8207.9	95078.	23227.

Sample Name: ZCRI Acquired: 12/3/2007 16:12:15 Type: QC
Method: TAL20071203B 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	**9.8772**	**45.479**	**9.3276**	**.95500**	**5.3798**	**12.101**
Stddev	.3382	5.332	1.0859	.07097	.2258	1.585
%RSD	3.4240	11.725	11.642	7.4317	4.1965	13.098
#1	10.116	49.249	10.095	1.0052	5.5395	13.221
#2	9.6381	41.708	8.5597	.90482	5.2202	10.980
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	**4.7189**	**50.589**	**10.469**	**23.255**	**30.952**	**13.134**
Stddev	.0619	.039	.021	.030	3.302	59.464
%RSD	1.3107	.07778	.19806	.13108	10.670	452.73
#1	4.7626	50.561	10.455	23.234	33.288	55.182
#2	4.6751	50.616	10.484	23.277	28.617	-28.913
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 12/3/2007 16:12:15 Type: QC
Method: TAL20071203B 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	**5.8056**	**16.907**	**-1.8759**	**41.677**	**11.733**	**58.478**
Stddev	4.8603	.190	5.0901	.060	.226	.106
%RSD	83.718	1.1228	271.34	.14391	1.9253	.18106
#1	9.2424	16.773	1.7233	41.719	11.893	58.403
#2	2.3688	17.041	-5.4752	41.635	11.573	58.553
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	**31.133**	**25.913**	**49.990**	**62.080**
Stddev	.073	.390	.008	.234
%RSD	.23599	1.5031	.01675	.37694
#1	31.185	26.188	49.984	62.245
#2	31.081	25.637	49.996	61.914
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 12/3/2007 16:12:15 Type: QC
Method: TAL20071203B 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	**7057.3**	**8957.7**	**104360.**	**23693.**
Stddev	16.7	29.4	493.	816.
%RSD	.23725	.32779	.47268	3.4422
#1	7069.1	8978.5	104710.	23116.
#2	7045.4	8936.9	104010.	24270.

Sample Name: CRI Acquired: 12/3/2007 16:14:55 Type: QC
Method: TAL20071203B 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	**10.208**	**15.387**	**10.145**	**.60135**	**5.0486**	**7.6299**
Stddev	.346	2.593	.150	.11261	.0944	1.4466
%RSD	3.3917	16.852	1.4743	18.726	1.8688	18.960
#1	10.453	17.220	10.251	.52172	4.9819	8.6528
#2	9.9631	13.553	10.039	.68097	5.1153	6.6069
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	**4.7684**	**51.367**	**10.088**	**23.798**	**11.310**	**15.669**
Stddev	.0329	.143	.535	.126	.764	51.219
%RSD	.68929	.27769	5.2995	.52942	6.7562	326.87
#1	4.7917	51.468	9.7103	23.709	10.770	51.886
#2	4.7452	51.267	10.466	23.887	11.850	-20.548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 12/3/2007 16:14:55 Type: QC
Method: TAL20071203B 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	**6.3133**	**16.509**	**5.6397**	**42.353**	**11.565**	**58.029**
Stddev	7.4859	.017	3.0750	.434	.002	.079
%RSD	118.57	.10464	54.524	1.0257	.02141	.13569
#1	1.0200	16.496	7.8141	42.660	11.566	58.085
#2	11.607	16.521	3.4654	42.046	11.563	57.974
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	**31.371**	**27.145**	**50.260**	**63.048**
Stddev	.267	.519	.116	.239
%RSD	.84952	1.9138	.23128	.37938
#1	31.183	27.512	50.342	63.217
#2	31.560	26.777	50.178	62.879
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 12/3/2007 16:14:55 Type: QC
Method: TAL20071203B 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	**6901.7**	**8794.3**	**102540.**	**24550.**
Stddev	1.9	5.5	357.	418.
%RSD	.02772	.06301	.34858	1.7045
#1	6903.0	8798.3	102290.	24846.
#2	6900.3	8790.4	102800.	24254.

Sample Name: ICSA Acquired: 12/3/2007 16:17:35 Type: QC
Method: TAL20071203B 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	**.45352**	**252550.**	**-.09009**	**-2.6771**	**1.4448**	**245130.**
Stddev	.17602	3373.	.75781	.0068	.0214	1056.
%RSD	38.811	1.3358	841.21	.25544	1.4832	.43075
#1	.32906	254930.	-.62593	-2.6819	1.4297	245880.
#2	.57799	250160.	.44576	-2.6723	1.4600	244380.
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	**1.8491**	**2.7724**	**42.987**	**22.687**	**95201.**	**-91.240**
Stddev	.0204	.0513	.254	.228	1317.	3.432
%RSD	1.1012	1.8506	.59146	1.0045	1.3834	3.7613
#1	1.8347	2.7362	42.807	22.526	96132.	-88.814
#2	1.8635	2.8087	43.167	22.848	94270.	-93.667
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 12/3/2007 16:17:35 Type: QC
Method: TAL20071203B 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	**251950.**	**15.794**	**776.03**	**18.231**	**12.137**	**.53714**
Stddev	3308.	.254	15.67	.220	.538	1.7939
%RSD	1.3128	1.6071	2.0193	1.2065	4.4295	333.97
#1	254290.	15.615	787.11	18.387	11.757	1.8056
#2	249610.	15.973	764.95	18.076	12.517	-.73134
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	**-6.3054**	**-1.5609**	**-.52160**	**24.424**
Stddev	1.1085	.1669	.00854	.097
%RSD	17.580	10.695	1.6380	.39841
#1	-7.0893	-1.6789	-.52764	24.355
#2	-5.5216	-1.4429	-.51556	24.493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 12/3/2007 16:17:35 Type: QC
Method: TAL20071203B 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	**5898.4**	**7974.9**	**94311.**	**23531.**
Stddev	1.4	7.2	116.	298.
%RSD	.02443	.09005	.12248	1.2659
#1	5897.4	7980.0	94392.	23321.
#2	5899.4	7969.8	94229.	23742.

Sample Name: ICSAB Acquired: 12/3/2007 16:20:20 Type: QC
Method: TAL20071203B 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	**205.32**	**254470.**	**94.920**	**523.11**	**496.83**	**245640.**
Stddev	.11	6488.	.169	13.48	12.73	5419.
%RSD	.05327	2.5498	.17816	2.5766	2.5630	2.2061
#1	205.24	259050.	95.040	532.64	505.84	249470.
#2	205.40	249880.	94.801	513.58	487.83	241810.
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	**959.84**	**497.90**	**514.55**	**527.88**	**96040.**	**-86.141**
Stddev	.64	.15	.03	.18	2534.	20.221
%RSD	.06660	.03005	.00616	.03390	2.6384	23.475
#1	960.29	498.00	514.57	528.01	97832.	-100.44
#2	959.39	497.79	514.53	527.75	94249.	-71.843
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 12/3/2007 16:20:20 Type: QC
Method: TAL20071203B 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	**254870.**	**512.68**	**798.57**	**1024.6**	**64.357**	**591.59**
Stddev	6214.	.14	20.31	1.5	.228	.79
%RSD	2.4381	.02766	2.5435	.14918	.35411	.13283
#1	259260.	512.78	812.93	1025.7	64.195	592.15
#2	250470.	512.58	784.21	1023.5	64.518	591.04
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	**55.465**	**94.537**	**489.07**	**1032.9**
Stddev	.000	2.444	.42	1.5
%RSD	.00046	2.5853	.08541	.14283
#1	55.465	96.266	488.78	1034.0
#2	55.465	92.809	489.37	1031.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 12/3/2007 16:20:20 Type: QC
Method: TAL20071203B 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	**5872.9**	**7922.6**	**94165.**	**23425.**
Stddev	7.2	4.1	115.	461.
%RSD	.12235	.05213	.12169	1.9675
#1	5867.8	7919.7	94084.	23099.
#2	5878.0	7925.5	94246.	23750.

Sample Name: CCV Acquired: 12/3/2007 16:23:05 Type: QC
Method: TAL20071203B 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	**610.56**	**5273.9**	**242.09**	**5257.7**	**129.53**	**13251.**
Stddev	5.74	112.8	19.32	118.6	2.62	289.
%RSD	.94059	2.1382	7.9806	2.2565	2.0229	2.1800
#1	606.49	5353.6	255.75	5341.5	131.39	13455.
#2	614.62	5194.1	228.43	5173.8	127.68	13047.
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	**121.35**	**1210.8**	**484.65**	**613.56**	**2601.6**	**12967.**
Stddev	10.29	104.9	2.84	4.59	61.1	306.
%RSD	8.4807	8.6661	.58591	.74862	2.3503	2.3610
#1	128.63	1284.9	482.64	610.31	2644.9	13183.
#2	114.07	1136.6	486.66	616.81	2558.4	12750.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2007 16:23:05 Type: QC
Method: TAL20071203B 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	**13164.**	**1251.1**	**13221.**	**1225.0**	**241.70**	**1194.2**
Stddev	267.	10.3	287.	105.3	20.08	100.0
%RSD	2.0250	.82400	2.1690	8.5968	8.3079	8.3751
#1	13352.	1243.9	13424.	1299.4	255.90	1264.9
#2	12975.	1258.4	13019.	1150.5	227.50	1123.4
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	**239.54**	**244.50**	**1224.0**	**1235.9**
Stddev	19.52	20.61	10.0	104.6
%RSD	8.1477	8.4276	.81588	8.4663
#1	253.34	259.08	1216.9	1309.9
#2	225.74	229.93	1231.1	1161.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 12/3/2007 16:23:05 Type: QC
Method: TAL20071203B 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	**6777.8**	**8738.5**	**100410.**	**23471.**
Stddev	497.5	634.9	681.	395.
%RSD	7.3405	7.2651	.67796	1.6830
#1	6426.0	8289.6	100890.	23191.
#2	7129.6	9187.5	99929.	23750.

Sample Name: CCB Acquired: 12/3/2007 16:25:41 Type: QC
Method: TAL20071203B 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	**.94922**	**40.527**	**-.06207**	**4.3480**	**.17568**	**45.607**
Stddev	.03442	6.196	.32836	.4848	.01241	8.034
%RSD	3.6266	15.288	529.02	11.150	7.0643	17.616
#1	.97356	36.146	-.29425	4.0052	.18446	39.926
#2	.92488	44.909	.17012	4.6908	.16691	51.288
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	**.32129**	**2.0956**	**.55743**	**.04565**	**17.429**	**28.906**
Stddev	.04499	.3137	.53504	.03226	2.855	6.080
%RSD	14.003	14.971	95.984	70.677	16.382	21.035
#1	.35310	2.3175	.17910	.02283	15.410	24.607
#2	.28947	1.8738	.93575	.06846	19.448	33.206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/3/2007 16:25:41 Type: QC
Method: TAL20071203B 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	**40.038**	**1.7686**	**20.341**	**2.5534**	**-.63095**	**3.4964**
Stddev	15.559	.2938	6.645	.6153	.91196	.5646
%RSD	38.860	16.609	32.666	24.097	144.54	16.149
#1	29.036	1.5609	15.642	2.9885	.01391	3.8956
#2	51.040	1.9763	25.039	2.1183	-1.2758	3.0971
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	**1.9672**	**.32440**	**1.8612**	**2.7307**
Stddev	.5931	.30314	.0800	.2804
%RSD	30.150	93.447	4.2999	10.267
#1	2.3866	.53876	1.8046	2.9290
#2	1.5478	.11005	1.9177	2.5325
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/3/2007 16:25:41 Type: QC
Method: TAL20071203B 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	**6812.0**	**8611.2**	**101330.**	**24121.**
Stddev	31.4	19.2	47.	681.
%RSD	.46136	.22319	.04654	2.8239
#1	6789.8	8597.6	101360.	23640.
#2	6834.3	8624.8	101290.	24603.

Sample Name: 0008728-10 Acquired: 12/3/2007 16:28:26 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J7 Dilution: 1 Operator: SRV
Comment: 135

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	**3.4156**	**216300.**	**60.558**	**4906.4**	**3.3300**	**68670.**
Stddev	.0708	8429.	.553	181.8	.1977	2772.
%RSD	2.0727	3.8967	.91343	3.7043	5.9380	4.0361
#1	3.3656	210340.	60.950	4777.9	3.1901	66710.
#2	3.4657	222260.	60.167	5034.9	3.4698	70630.
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	**7.0209**	**141.60**	**416.82**	**268.01**	**162350.**	**51300.**
Stddev	.1086	.03	2.34	.50	11319.	1978.
%RSD	1.5474	.02450	.56192	.18813	6.9721	3.8559
#1	6.9441	141.63	415.17	268.37	154350.	49901.
#2	7.0977	141.58	418.48	267.65	170360.	52699.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-10 Acquired: 12/3/2007 16:28:26 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J7 Dilution: 1 Operator: SRV
Comment: 135

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	**52558.**	**6318.1**	**2711.9**	**405.31**	**413.15**	**7.3258**
Stddev	2228.	31.8	108.5	.74	1.51	.9473
%RSD	4.2391	.50359	4.0024	.18159	.36575	12.931
#1	50983.	6295.6	2635.1	404.79	414.22	7.9957
#2	54134.	6340.6	2788.6	405.83	412.08	6.6560
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	**-.02900**	**-14.196**	**327.52**	**1055.2**
Stddev	1.6803	1.062	.02	2.2
%RSD	5793.7	7.4827	.00655	.20441
#1	1.1592	-14.947	327.54	1053.7
#2	-1.2172	-13.445	327.50	1056.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-10 Acquired: 12/3/2007 16:28:26 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J7 Dilution: 1 Operator: SRV
Comment: 135

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	**5775.8**	**8740.8**	**102910.**	**26764.**
Stddev	36.0	52.5	610.	836.
%RSD	.62293	.60053	.59232	3.1254
#1	5750.3	8703.7	102480.	27355.
#2	5801.2	8778.0	103340.	26172.

Sample Name: 0008728-11 Acquired: 12/3/2007 16:31:17 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J8 Dilution: 1 Operator: SRV
Comment: 136

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	**4.5956**	**148500.**	**74.267**	**2111.1**	**2.0353**	**43697.**
Stddev	.0950	5670.	.996	77.3	.1038	1686.
%RSD	2.0678	3.8182	1.3411	3.6637	5.1008	3.8588
#1	4.6628	144490.	73.563	2056.4	1.9618	42505.
#2	4.5284	152510.	74.972	2165.8	2.1087	44889.
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	**12.046**	**118.95**	**235.29**	**289.50**	**174830.**	**34277.**
Stddev	.161	.45	1.16	.47	8905.	1236.
%RSD	1.3394	.37503	.49332	.16286	5.0938	3.6048
#1	11.931	119.27	236.11	289.84	168530.	33403.
#2	12.160	118.64	234.47	289.17	181130.	35151.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-11 Acquired: 12/3/2007 16:31:17 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J8 Dilution: 1 Operator: SRV
Comment: 136

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	**32737.**	**6289.4**	**1548.9**	**128.22**	**1068.1**	**13.396**
Stddev	1369.	46.1	61.3	.31	1.9	.080
%RSD	4.1808	.73261	3.9568	.24550	.17929	.59766
#1	31769.	6322.0	1505.6	128.45	1069.4	13.453
#2	33704.	6256.8	1592.3	128.00	1066.7	13.340
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	**.72492**	**-3.4456**	**426.44**	**1844.7**
Stddev	1.4594	.7879	1.00	.5
%RSD	201.32	22.868	.23348	.02743
#1	-.30703	-4.0028	427.14	1845.1
#2	1.7569	-2.8885	425.73	1844.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-11 Acquired: 12/3/2007 16:31:17 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J8 Dilution: 1 Operator: SRV
Comment: 136

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	**6054.9**	**8936.4**	**105120.**	**27322.**
Stddev	23.8	32.7	554.	840.
%RSD	.39238	.36584	.52738	3.0762
#1	6038.1	8913.3	104720.	27917.
#2	6071.7	8959.6	105510.	26728.

Sample Name: 0008728-12 Acquired: 12/3/2007 16:34:07 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J9 Dilution: 1 Operator: SRV
Comment: 137

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	**-.53573**	**191360.**	**52.285**	**2542.8**	**1.4398**	**45846.**
Stddev	.10352	4994.	.271	63.9	.0446	1263.
%RSD	19.324	2.6098	.51812	2.5135	3.0955	2.7552
#1	-.46253	187830.	52.477	2497.6	1.4082	44953.
#2	-.60893	194890.	52.093	2588.0	1.4713	46739.
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	**5.2301**	**111.83**	**169.91**	**214.33**	**176300.**	**34338.**
Stddev	.1165	.34	.25	.19	5868.	886.
%RSD	2.2274	.30637	.14669	.09039	3.3287	2.5806
#1	5.1477	112.07	170.09	214.47	172150.	33711.
#2	5.3125	111.59	169.74	214.19	180450.	34965.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-12 Acquired: 12/3/2007 16:34:07 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J9 Dilution: 1 Operator: SRV
Comment: 137

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	**35792.**	**5123.9**	**2071.8**	**146.05**	**211.52**	**3.8341**
Stddev	1095.	13.9	58.6	.11	1.25	.1115
%RSD	3.0602	.27041	2.8303	.07245	.59050	2.9073
#1	35017.	5133.7	2030.3	146.13	210.64	3.9130
#2	36566.	5114.1	2113.2	145.98	212.40	3.7553
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	**-.55091**	**-9.4683**	**424.13**	**682.48**
Stddev	.08408	.1651	.04	1.26
%RSD	15.262	1.7437	.00855	.18494
#1	-.61036	-9.5851	424.16	681.58
#2	-.49146	-9.3516	424.11	683.37
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-12 Acquired: 12/3/2007 16:34:07 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J9 Dilution: 1 Operator: SRV
Comment: 137

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	**6006.9**	**8855.5**	**103400.**	**26582.**
Stddev	1.0	.1	17.	691.
%RSD	.01702	.00062	.01650	2.6007
#1	6007.6	8855.5	103380.	27071.
#2	6006.1	8855.4	103410.	26093.

Sample Name: 0008728-13 Acquired: 12/3/2007 16:36:58 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K0 Dilution: 1 Operator: SRV
Comment: 138

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	**.44842**	**185930.**	**56.292**	**2425.4**	**1.3439**	**51143.**
Stddev	.18415	6901.	.585	88.2	.0808	1858.
%RSD	41.065	3.7113	1.0395	3.6370	6.0116	3.6319
#1	.57863	181050.	55.878	2363.0	1.2867	49830.
#2	.31821	190810.	56.706	2487.7	1.4010	52457.
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	**5.4845**	**111.18**	**209.55**	**209.16**	**175400.**	**35774.**
Stddev	.0928	.29	.12	.83	5255.	1330.
%RSD	1.6924	.26153	.05962	.39848	2.9960	3.7166
#1	5.4189	111.39	209.64	209.75	171680.	34834.
#2	5.5502	110.98	209.46	208.57	179110.	36714.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-13 Acquired: 12/3/2007 16:36:58 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K0 Dilution: 1 Operator: SRV
Comment: 138

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	**37150.**	**4511.0**	**2015.7**	**170.70**	**294.64**	**4.5552**
Stddev	1413.	14.6	71.7	.26	1.35	.3496
%RSD	3.8046	.32349	3.5586	.15466	.45881	7.6754
#1	36151.	4500.7	1965.0	170.89	295.60	4.3080
#2	38150.	4521.3	2066.4	170.52	293.68	4.8024
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	**-.60331**	**-9.3189**	**445.84**	**698.20**
Stddev	.01440	.3328	2.04	1.32
%RSD	2.3865	3.5712	.45738	.18860
#1	-.59313	-9.0836	447.28	699.13
#2	-.61349	-9.5542	444.39	697.26
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-13 Acquired: 12/3/2007 16:36:58 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K0 Dilution: 1 Operator: SRV
Comment: 138

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	**6001.6**	**8784.9**	**102480.**	**26613.**
Stddev	31.3	44.5	298.	585.
%RSD	.52226	.50712	.29053	2.1976
#1	5979.4	8753.4	102270.	27026.
#2	6023.7	8816.4	102690.	26199.

Sample Name: 0008728-14 Acquired: 12/3/2007 16:39:48 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K1 Dilution: 1 Operator: SRV
Comment: 139

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	**2.0259**	**211510.**	**58.877**	**4140.3**	**8.6645**	**66446.**
Stddev	.0504	8030.	.541	154.6	.4303	2598.
%RSD	2.4878	3.7967	.91812	3.7349	4.9657	3.9094
#1	2.0616	205830.	58.495	4030.9	8.3602	64609.
#2	1.9903	217190.	59.259	4249.6	8.9687	68283.
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	**5.0691**	**121.43**	**715.69**	**241.77**	**138340.**	**50902.**
Stddev	.0463	.13	.21	.09	8303.	1959.
%RSD	.91337	.10865	.02926	.03609	6.0018	3.8479
#1	5.0363	121.53	715.84	241.71	132470.	49517.
#2	5.1018	121.34	715.54	241.83	144210.	52287.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-14 Acquired: 12/3/2007 16:39:48 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K1 Dilution: 1 Operator: SRV
Comment: 139

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	**55091.**	**4180.9**	**1872.3**	**631.24**	**296.07**	**6.8966**
Stddev	2241.	24.7	75.5	.47	.59	.2850
%RSD	4.0673	.59028	4.0330	.07447	.19854	4.1321
#1	53506.	4198.3	1818.9	630.91	295.66	7.0981
#2	56675.	4163.4	1925.7	631.57	296.49	6.6951
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	**-1.1213**	**-18.475**	**254.94**	**724.14**
Stddev	.8793	2.062	.01	.45
%RSD	78.422	11.161	.00324	.06203
#1	-.49949	-19.933	254.94	724.46
#2	-1.7430	-17.017	254.95	723.82
Check ?	None	None	None	None
Value				
Range				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

Project Code | Station No. | Month/Day/Year | Time

Project Code | Station No. | Month/Day/Year | Time

Case No:36948 Richardson Flat Tailing

Sample ID: UE19-64A-0.5
Date: 11/8/2007 Time:13:10

Sample No: MH24K6
Analysis: TM

Tag No. 8-2416711

Lab Sample No.

W28-19

ignate:

ate:

Grab

(SS)

fs

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

Tag No. 8-240530

Case No:36948 Richardson Flat Tailing

Sample ID: UE12-64A-0.5
Date: 11/8/2007 Time:10:45

Sample No: MH24J9
Analysis: TM

728-12

Lab Sample No.

(SS)

ANALYSES

Preservative: Yes ☐ No ☐

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

Tag No. 8-240528

Case No:36948 Richardson Flat Tailing

Sample ID: UE17-64A-0.5
Date: 11/8/2007 Time:11:30

Sample No: MH24K4
Analysis: TM

728-17

Lab Sample No.

(SS)

ANALYSES

Preservative: Yes ☐ No ☐

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

Tag No. 8-240531

Case No:36948 Richardson Flat Tailing

Sample ID: UE18-64A-0.5
Date: 11/8/2007 Time:11:15

Sample No: MH24K5
Analysis: TM

728-18

Lab Sample No.

(S)

ANALYSES

Preservative: Yes ☐ No ☐

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

Tag No. 8-240529

Case No:36948 Richardson Flat Tailing

Sample ID: UE14-64A-0.5
Date: 11/8/2007 Time:11:10

Sample No: MH24K1
Analysis: TM

728-14

Lab Sample No.

(SS)

ANALYSES

Preservative: Yes ☐ No ☐

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

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

Tag No. 8-241659

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE06-64A-1.0
Date: 11/8/2007 Time:10:20

Sample No: MH24J4
Analysis: TM

ANALYSES

Preservative: Yes ☐ No ☐

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

Tag No. 8-240534

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE02-64A-0.5
Date: 11/8/2007 Time:08:55

Sample No: MH24H9
Analysis: TM

ANALYSES

Preservative: Yes ☐ No ☐

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

Tag No. 8-241660

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE09-64A-0.5
Date: 11/8/2007 Time:09:45

Sample No: MH24J7
Analysis: TM

Preservative: Yes ☐ No ☐

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

Tag No. 8-241658

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE08-64A-0.5
Date: 11/8/2007 Time:09:55

Sample No: MH24J6
Analysis: TM

ANALYSES

Preservative: Yes ☐ No ☐

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

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

Tag No. 8-241664

Case No:36948 Richardson Flat Tailing

Sample ID: UE04-64A-0.5
Date: 11/8/2007 Time:09:15

Sample No: MH24J1
Analysis: TM

0723-04

Lab Sample No.

(SS)

ANALYSES

Preservative: Yes ☐ No ☐

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE07-64A-0.5
Date: 11/8/2007 Time:10:05

0723-08

Sample No: MH24J5
Analysis: TM

ple No.

BOD Anions
Solids (TSS) (TDS) (SS)

ANALYSES

Preservative: Yes ☐ No ☐

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

Station I

Tag No. 8-241665

Case No:36948 Richardson Flat Tailin

Sample ID: UE01-64A-0.5
Date: 11/8/2007 Time:08:10

0723-01

Sample No: MH24H8
Analysis: TM

Lab Sample No.

Preservative: Yes ☐ No ☐

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

Tag No. 8-241662

0723-05

Case No:36948 Richardson Flat Tailing

Sample ID: UE06-64A-0.5
Date: 11/8/2007 Time:11:30

Sample No: MH24J3
Analysis: TM

Lab Sample No.

ANALYSES

Preservative: Yes ☐ No ☐

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

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

Tag No. 8-241669

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE13-64A-0.5
Date: 11/8/2007 Time:10:55

Sample No: MH24K0
Analysis: TM

0725-13

ANALYSES

Preservative: Yes ☐ No ☐

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

Tag No. 8-241666

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE11-64A-0.5
Date: 11/8/2007 Time:13:15

Sample No: MH24J8
Analysis: TM

0723-11

Preservative: Yes ☐ No ☐

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

Tag No. 8-241670

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE15-64A-0.5
Date: 11/8/2007 Time:11:45

Sample No: MH24K2
Analysis: TM

0728-15

Preservative: Yes ☐ No ☐

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

Tag No. 8-241668

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE20-64A-0.5
Date: 11/8/2007 Time:13:15

Sample No: MH24K7
Analysis: TM

0726-20

(SS)

ANALYSES

Preservative: Yes ☐ No ☐

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE05-64A-0.5
Date: 11/8/2007 Time:09:25

Sample No: MH24J2
Analysis: TM

Tag No. 8-241673

Lab Sample No.

ANALYSES

Preservative: Yes ☐ No ☐

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE19-64A-0.5
Date: 11/8/2007 Time:13:10

Sample No: MH24K6
Analysis: TM

Tag No. 8-241671

Lab Sample No.

ANALYSES

Preservative: Yes ☐ No ☐

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE03-64A-0.5
Date: 11/8/2007 Time:09:05

Sample No: MH24J0
Analysis: TM

Tag No. 8-241675

Lab Sample No.

ANALYSES

Preservative: Yes ☐ No ☐

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE16-64A-0.5
Date: 11/8/2007 Time:11:35

Sample No: MH24K3
Analysis: TM

Tag No. 8-241672

Lab Sample No.

Preservative: Yes ☐ No ☐

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

EPA

R8EPA-014A (7-89)

Sample Name: 0008728-14 Acquired: 12/3/2007 16:39:48 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K1 Dilution: 1 Operator: SRV
Comment: 139

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	**5877.5**	**8804.3**	**102820.**	**27215.**
Stddev	17.5	21.2	372.	938.
%RSD	.29695	.24091	.36131	3.4485
#1	5865.2	8789.3	102560.	27878.
#2	5889.8	8819.3	103090.	26551.

Sample Name: 0008728-15 Acquired: 12/3/2007 16:42:38 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K2 Dilution: 1 Operator: SRV
Comment: 140

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	**2.7233**	**161320.**	**54.903**	**2463.2**	**2.6638**	**51533.**
Stddev	.1410	4966.	.463	74.3	.1346	1631.
%RSD	5.1777	3.0785	.84371	3.0176	5.0527	3.1642
#1	2.8230	157810.	55.231	2410.6	2.5686	50380.
#2	2.6236	164830.	54.576	2515.7	2.7589	52686.
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	**8.0431**	**129.81**	**230.93**	**227.40**	**204540.**	**35516.**
Stddev	.1163	.40	.52	.40	7028.	1081.
%RSD	1.4458	.30644	.22356	.17644	3.4358	3.0428
#1	7.9609	130.09	230.56	227.12	199570.	34752.
#2	8.1253	129.53	231.29	227.69	209510.	36281.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-15 Acquired: 12/3/2007 16:42:38 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K2 Dilution: 1 Operator: SRV
Comment: 140

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	**35128.**	**5968.4**	**1709.1**	**141.49**	**671.38**	**7.0078**
Stddev	1071.	1.6	54.7	.01	1.75	.4912
%RSD	3.0484	.02742	3.2000	.00810	.26121	7.0093
#1	34371.	5967.3	1670.4	141.50	672.62	6.6605
#2	35885.	5969.6	1747.8	141.48	670.14	7.3552
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	**.08956**	**-8.6964**	**514.36**	**1220.3**
Stddev	.22141	1.1365	.18	.9
%RSD	247.23	13.068	.03495	.07300
#1	-.06700	-7.8928	514.23	1219.6
#2	.24612	-9.5000	514.48	1220.9
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-15 Acquired: 12/3/2007 16:42:38 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K2 Dilution: 1 Operator: SRV
Comment: 140

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	**5980.2**	**8958.2**	**103140.**	**27311.**
Stddev	29.0	53.3	514.	580.
%RSD	.48477	.59550	.49856	2.1242
#1	5959.7	8920.5	102780.	27721.
#2	6000.7	8995.9	103510.	26901.

Sample Name: 0008728-16 Acquired: 12/3/2007 16:45:28 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K3 Dilution: 1 Operator: SRV
Comment: 141

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	**1.6598**	**142640.**	**57.874**	**2340.3**	**1.2655**	**47357.**
Stddev	.0898	4235.	1.514	69.4	.0613	1467.
%RSD	5.4079	2.9690	2.6151	2.9637	4.8409	3.0977
#1	1.5963	139650.	56.804	2291.3	1.2222	46320.
#2	1.7232	145640.	58.944	2389.4	1.3088	48395.
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	**6.7970**	**94.782**	**143.63**	**224.31**	**163650.**	**34477.**
Stddev	.0655	.004	.29	.37	5466.	994.
%RSD	.96446	.00377	.20391	.16549	3.3400	2.8842
#1	6.7507	94.780	143.84	224.05	159790.	33774.
#2	6.8434	94.785	143.42	224.57	167520.	35180.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-16 Acquired: 12/3/2007 16:45:28 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K3 Dilution: 1 Operator: SRV
Comment: 141

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	**31174.**	**4658.5**	**2129.7**	**116.61**	**503.24**	**6.8681**
Stddev	1026.	7.8	61.2	.09	1.87	.8843
%RSD	3.2925	.16771	2.8745	.07476	.37072	12.876
#1	30448.	4653.0	2086.4	116.67	504.56	7.4934
#2	31900.	4664.0	2173.0	116.55	501.92	6.2428
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	**1.0226**	**-6.6389**	**377.37**	**999.19**
Stddev	1.4838	1.1204	.07	.28
%RSD	145.11	16.876	.01842	.02834
#1	-.02666	-5.8467	377.42	998.99
#2	2.0718	-7.4312	377.32	999.39
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-16 Acquired: 12/3/2007 16:45:28 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K3 Dilution: 1 Operator: SRV
Comment: 141

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	**6007.9**	**8765.1**	**102430.**	**26650.**
Stddev	19.2	22.0	182.	607.
%RSD	.31951	.25060	.17763	2.2793
#1	5994.3	8749.6	102300.	27080.
#2	6021.4	8780.7	102560.	26221.

Sample Name: 0008728-17 Acquired: 12/3/2007 16:48:19 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K4 Dilution: 1 Operator: SRV
Comment: 142

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	**.54038**	**193600.**	**37.848**	**2078.9**	**.71849**	**48657.**
Stddev	.09663	4937.	.444	53.6	.00597	1311.
%RSD	17.882	2.5502	1.1738	2.5783	.83028	2.6951
#1	.47205	190110.	37.533	2041.0	.71427	47729.
#2	.60871	197090.	38.162	2116.8	.72271	49584.
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	**4.0136**	**114.75**	**192.36**	**201.75**	**200250.**	**21848.**
Stddev	.0251	.27	.94	.39	4885.	515.
%RSD	.62651	.23530	.48806	.19260	2.4396	2.3575
#1	4.0314	114.94	193.03	201.47	196790.	21484.
#2	3.9959	114.56	191.70	202.02	203700.	22212.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-17 Acquired: 12/3/2007 16:48:19 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K4 Dilution: 1 Operator: SRV
Comment: 142

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	**34913.**	**4263.9**	**3376.2**	**141.43**	**158.82**	**2.5892**
Stddev	1008.	15.5	96.8	.06	.76	.1106
%RSD	2.8861	.36406	2.8670	.04409	.48150	4.2702
#1	34200.	4253.0	3307.8	141.39	159.36	2.6674
#2	35625.	4274.9	3444.7	141.47	158.28	2.5110
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	**-1.3679**	**-9.4999**	**566.92**	**588.54**
Stddev	1.1264	.8840	.60	.79
%RSD	82.342	9.3057	.10623	.13450
#1	-2.1644	-8.8748	566.49	589.10
#2	-.57145	-10.125	567.34	587.98
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-17 Acquired: 12/3/2007 16:48:19 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K4 Dilution: 1 Operator: SRV
Comment: 142

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	**6033.1**	**8896.9**	**103250.**	**26731.**
Stddev	1.5	5.7	31.	525.
%RSD	.02533	.06360	.03023	1.9656
#1	6034.2	8892.9	103270.	27102.
#2	6032.1	8900.9	103230.	26359.

Sample Name: 0008728-18 Acquired: 12/3/2007 16:51:09 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K5 Dilution: 1 Operator: SRV
Comment: 143

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	**6.0788**	**193270.**	**62.864**	**4176.2**	**10.874**	**66876.**
Stddev	.1911	3590.	.516	87.0	.179	1256.
%RSD	3.1443	1.8574	.82012	2.0824	1.6487	1.8781
#1	5.9436	190730.	62.499	4114.7	10.747	65988.
#2	6.2140	195800.	63.228	4237.7	11.000	67765.
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	**7.6908**	**107.22**	**598.26**	**276.61**	**123840.**	**48549.**
Stddev	.0479	.19	.67	.34	341.	991.
%RSD	.62285	.17354	.11262	.12397	.27499	2.0410
#1	7.7246	107.35	597.78	276.85	123600.	47848.
#2	7.6569	107.08	598.73	276.37	124090.	49249.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-18 Acquired: 12/3/2007 16:51:09 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K5 Dilution: 1 Operator: SRV
Comment: 143

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	**54078.**	**3497.4**	**3232.9**	**556.56**	**682.46**	**9.7994**
Stddev	857.	3.6	66.8	1.65	2.47	.3350
%RSD	1.5856	.10180	2.0675	.29646	.36232	3.4184
#1	53472.	3499.9	3185.6	557.72	684.21	10.036
#2	54685.	3494.9	3280.1	555.39	680.72	9.5625
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	**-.32012**	**-16.008**	**196.26**	**1149.8**
Stddev	1.0590	.350	.29	4.7
%RSD	330.83	2.1876	.14705	.41300
#1	-1.0690	-15.761	196.05	1153.1
#2	.42873	-16.256	196.46	1146.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-18 Acquired: 12/3/2007 16:51:09 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K5 Dilution: 1 Operator: SRV
Comment: 143

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	**5962.1**	**8808.5**	**102080.**	**26518.**
Stddev	34.5	23.0	13.	176.
%RSD	.57798	.26163	.01262	.66279
#1	5937.8	8792.2	102090.	26642.
#2	5986.5	8824.8	102070.	26393.

Sample Name: BLANK Acquired: 12/3/2007 16:53:58 Type: Unk
Method: TAL20071203B 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	**-.43358**	**67.547**	**-.63565**	**1.0030**	**-.02652**	**16.844**
Stddev	.04048	3.991	1.3730	.0840	.03522	1.681
%RSD	9.3370	5.9082	216.00	8.3756	132.82	9.9819
#1	-.40495	64.725	.33522	.94356	-.00161	15.655
#2	-.46220	70.369	-1.6065	1.0624	-.05142	18.033
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	**.15842**	**-.23191**	**.17154**	**-.28245**	**68.010**	**8.5020**
Stddev	.04858	.06073	.28717	.11913	6.505	8.6796
%RSD	30.667	26.184	167.41	42.177	9.5648	102.09
#1	.12407	-.27485	.37460	-.19821	63.410	14.639
#2	.19277	-.18897	-.03152	-.36669	72.610	2.3647
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 12/3/2007 16:53:58 Type: Unk
Method: TAL20071203B 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	**17.198**	**2.0261**	**5.7304**	**-.41849**	**.38475**	**1.9816**
Stddev	9.256	.0643	2.1244	.15735	.25791	.3288
%RSD	53.823	3.1752	37.073	37.599	67.031	16.590
#1	10.652	2.0716	7.2326	-.52975	.20239	1.7492
#2	23.743	1.9806	4.2282	-.30723	.56712	2.2141
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	**3.4632**	**-2.0590**	**.44161**	**.17695**
Stddev	.9672	.9988	.07688	.05464
%RSD	27.927	48.505	17.410	30.880
#1	2.7793	-1.3528	.38724	.21559
#2	4.1471	-2.7653	.49597	.13832
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 12/3/2007 16:53:58 Type: Unk
Method: TAL20071203B 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	**6405.2**	**8091.0**	**93833.**	**24909.**
Stddev	26.3	24.0	100.	2457.
%RSD	.40989	.29721	.10682	9.8644
#1	6386.6	8074.0	93762.	26647.
#2	6423.8	8108.0	93904.	23172.

Sample Name: CCV Acquired: 12/3/2007 16:56:41 Type: QC
Method: TAL20071203B 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	**621.50**	**5192.5**	**246.16**	**5067.6**	**128.50**	**12876.**
Stddev	.58	185.4	.89	183.9	4.69	436.
%RSD	.09391	3.5711	.36130	3.6292	3.6489	3.3846
#1	621.92	5323.7	245.53	5197.6	131.82	13184.
#2	621.09	5061.4	246.78	4937.5	125.19	12568.
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	**124.08**	**1223.9**	**502.31**	**592.89**	**2608.1**	**12887.**
Stddev	.07	1.8	1.42	.09	87.2	483.
%RSD	.05602	.14961	.28280	.01578	3.3442	3.7439
#1	124.04	1225.2	503.32	592.96	2669.7	13229.
#2	124.13	1222.6	501.31	592.83	2546.4	12546.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2007 16:56:41 Type: QC
Method: TAL20071203B 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	**12903.**	**1253.4**	**12601.**	**1238.9**	**245.06**	**1216.5**
Stddev	483.	2.4	463.	3.5	.07	3.6
%RSD	3.7416	.19477	3.6755	.27929	.02706	.29456
#1	13244.	1255.1	12929.	1241.4	245.10	1214.0
#2	12562.	1251.7	12274.	1236.5	245.01	1219.0
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	**240.76**	**247.08**	**1215.2**	**1249.0**
Stddev	.14	.04	2.1	4.7
%RSD	.05980	.01468	.17370	.37333
#1	240.66	247.10	1216.7	1252.3
#2	240.87	247.05	1213.7	1245.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 12/3/2007 16:56:41 Type: QC
Method: TAL20071203B 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	**6810.8**	**8730.6**	**101400.**	**24049.**
Stddev	16.4	38.0	208.	702.
%RSD	.24152	.43507	.20559	2.9191
#1	6822.4	8757.4	101550.	23552.
#2	6799.1	8703.7	101250.	24545.

Sample Name: CCB Acquired: 12/3/2007 16:59:16 Type: QC
Method: TAL20071203B 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	**.30053**	**21.783**	**.63434**	**2.5422**	**.09791**	**21.159**
Stddev	.31268	.736	.26495	.0224	.02171	1.700
%RSD	104.04	3.3803	41.769	.88222	22.176	8.0356
#1	.52163	21.263	.82169	2.5263	.11326	22.362
#2	.07943	22.304	.44699	2.5580	.08255	19.957
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	**.08015**	**1.3802**	**.23125**	**.00261**	**11.109**	**14.325**
Stddev	.03028	.1491	.12112	.28815	.337	25.683
%RSD	37.774	10.802	52.377	11061.	3.0380	179.29
#1	.10156	1.2748	.14560	.20636	11.348	32.485
#2	.05874	1.4856	.31689	-.20115	10.870	-3.8355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/3/2007 16:59:16 Type: QC
Method: TAL20071203B 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	**26.423**	**.79963**	**7.1481**	**1.5221**	**.65026**	**1.7289**
Stddev	12.506	.09274	.0702	.0130	.37601	.5863
%RSD	47.330	11.598	.98176	.85666	57.824	33.914
#1	35.266	.73406	7.0985	1.5313	.38439	2.1435
#2	17.580	.86521	7.1977	1.5129	.91614	1.3143
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	**.10439**	**-.13551**	**.76306**	**1.9787**
Stddev	.26145	.01712	.00753	.1083
%RSD	250.47	12.634	.98733	5.4745
#1	.28926	-.12341	.75773	1.9021
#2	-.08049	-.14762	.76839	2.0553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/3/2007 16:59:16 Type: QC
Method: TAL20071203B 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	**6916.5**	**8746.4**	**101330.**	**24806.**
Stddev	12.2	3.5	518.	149.
%RSD	.17571	.03984	.51155	.59922
#1	6925.1	8748.9	100960.	24911.
#2	6907.9	8744.0	101700.	24701.

Sample Name: 0008728-19 Acquired: 12/3/2007 17:02:02 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K6 Dilution: 1 Operator: SRV
Comment: 144

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	**1.3292**	**157220.**	**53.318**	**2222.4**	**-1.0600**	**50141.**
Stddev	.0053	4424.	.095	59.9	.0245	1434.
%RSD	.40089	2.8137	.17901	2.6935	2.3065	2.8606
#1	1.3329	154090.	53.386	2180.1	-1.0773	49127.
#2	1.3254	160350.	53.251	2264.7	-1.0427	51155.
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	**6.2779**	**115.90**	**181.74**	**234.25**	**201760.**	**35602.**
Stddev	.1048	.11	.31	.51	7279.	1037.
%RSD	1.6685	.09209	.17162	.21745	3.6077	2.9121
#1	6.2038	115.98	181.52	233.89	196620.	34869.
#2	6.3519	115.82	181.96	234.61	206910.	36335.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-19 Acquired: 12/3/2007 17:02:02 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K6 Dilution: 1 Operator: SRV
Comment: 144

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	**32850.**	**4619.1**	**3584.9**	**133.16**	**425.11**	**7.0224**
Stddev	899.	43.7	91.6	.04	1.09	.4466
%RSD	2.7376	.94535	2.5541	.02658	.25718	6.3593
#1	32214.	4588.2	3520.2	133.14	425.88	7.3382
#2	33486.	4650.0	3649.7	133.19	424.34	6.7066
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	**1.0072**	**-10.145**	**515.82**	**969.93**
Stddev	2.1490	1.001	1.57	.77
%RSD	213.36	9.8673	.30422	.07951
#1	2.5268	-9.4375	514.71	969.38
#2	-.51236	-10.853	516.93	970.47
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-19 Acquired: 12/3/2007 17:02:02 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K6 Dilution: 1 Operator: SRV
Comment: 144

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	**6010.7**	**8956.4**	**103450.**	**26971.**
Stddev	28.6	62.5	198.	572.
%RSD	.47566	.69800	.19181	2.1225
#1	5990.5	8912.2	103590.	27376.
#2	6030.9	9000.6	103310.	26566.

Sample Name: 0008728-20 Acquired: 12/3/2007 17:04:53 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K7 Dilution: 1 Operator: SRV
Comment: 145

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	**1.5893**	**155860.**	**51.877**	**2393.2**	**-.18425**	**57069.**
Stddev	.5863	2940.	.125	42.0	.03716	1092.
%RSD	36.891	1.8861	.24060	1.7540	20.167	1.9126
#1	2.0039	153780.	51.965	2363.5	-.21052	56298.
#2	1.1747	157940.	51.789	2422.9	-.15797	57841.
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	**7.1756**	**103.69**	**182.59**	**235.63**	**183390.**	**40421.**
Stddev	.0296	.12	.29	.71	3343.	796.
%RSD	.41223	.11099	.15762	.30310	1.8230	1.9686
#1	7.1547	103.77	182.79	236.14	181030.	39858.
#2	7.1966	103.61	182.39	235.13	185750.	40984.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-20 Acquired: 12/3/2007 17:04:53 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K7 Dilution: 1 Operator: SRV
Comment: 145

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	**32737.**	**4437.5**	**3434.4**	**116.97**	**534.34**	**10.934**
Stddev	620.	7.0	68.6	.09	1.38	1.635
%RSD	1.8950	.15737	1.9964	.08103	.25913	14.955
#1	32298.	4442.4	3386.0	117.03	535.32	12.090
#2	33176.	4432.5	3482.9	116.90	533.36	9.7778
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	**1.4451**	**-8.3455**	**435.28**	**1143.2**
Stddev	.4982	.9066	.01	3.5
%RSD	34.471	10.863	.00140	.30959
#1	1.0929	-8.9865	435.29	1140.7
#2	1.7974	-7.7044	435.28	1145.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-20 Acquired: 12/3/2007 17:04:53 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K7 Dilution: 1 Operator: SRV
Comment: 145

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	**5986.1**	**8808.5**	**102830.**	**26339.**
Stddev	10.1	5.4	609.	431.
%RSD	.16936	.06167	.59267	1.6359
#1	5978.9	8804.7	102400.	26644.
#2	5993.3	8812.4	103260.	26035.

Sample Name: 0008728-03 Acquired: 12/3/2007 17:07:44 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**1.2141**	**158970.**	**50.075**	**2016.4**	**1.4799**	**44657.**
Stddev	.2409	3966.	.087	51.0	.1252	1190.
%RSD	19.845	2.4950	.17328	2.5312	8.4602	2.6657
#1	1.3844	156170.	50.137	1980.3	1.3914	43815.
#2	1.0437	161770.	50.014	2052.5	1.5685	45499.
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	**5.6252**	**102.69**	**249.08**	**189.44**	**185740.**	**36014.**
Stddev	.1437	.68	4.06	1.86	6072.	931.
%RSD	2.5542	.65762	1.6281	.98275	3.2689	2.5862
#1	5.5236	103.16	251.95	190.76	181450.	35356.
#2	5.7268	102.21	246.21	188.13	190040.	36673.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-03 Acquired: 12/3/2007 17:07:44 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**35206.**	**4357.7**	**2216.7**	**166.08**	**274.43**	**3.2805**
Stddev	893.	45.7	51.2	.63	3.15	.4570
%RSD	2.5355	1.0479	2.3116	.37970	1.1494	13.931
#1	34575.	4390.0	2180.5	166.53	276.66	3.6036
#2	35837.	4325.4	2253.0	165.64	272.20	2.9573
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	**-.96011**	**-9.0073**	**429.86**	**738.10**
Stddev	.46443	.7181	3.83	5.00
%RSD	48.372	7.9728	.89114	.67685
#1	-.63171	-9.5151	432.57	741.63
#2	-1.2885	-8.4995	427.15	734.57
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-03 Acquired: 12/3/2007 17:07:44 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24J0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6081.5**	**9121.1**	**105680.**	**27423.**
Stddev	23.9	30.5	750.	725.
%RSD	.39223	.33433	.71007	2.6447
#1	6064.6	9099.5	105150.	27936.
#2	6098.3	9142.7	106210.	26910.

Sample Name: 0008728-15 Acquired: 12/3/2007 17:10:33 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K2 Dilution: 1.3 Operator: SRV
Comment: FE

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	**2.2875**	**127060.**	**43.411**	**1927.7**	**2.2316**	**40913.**
Stddev	.7163	4669.	.376	67.5	.0651	1497.
%RSD	31.312	3.6746	.86499	3.4991	2.9153	3.6581
#1	2.7940	123760.	43.146	1880.0	2.1856	39854.
#2	1.7810	130370.	43.677	1975.4	2.2776	41971.
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	**6.3328**	**98.392**	**179.07**	**174.60**	**163300.**	**27902.**
Stddev	.0997	.524	.21	.60	7405.	1016.
%RSD	1.5743	.53278	.11836	.34521	4.5348	3.6399
#1	6.2624	98.763	179.22	175.03	158060.	27184.
#2	6.4033	98.021	178.92	174.18	168530.	28620.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-15 Acquired: 12/3/2007 17:10:33 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K2 Dilution: 1.3 Operator: SRV
Comment: FE

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	**27530.**	**4632.6**	**1335.2**	**109.13**	**512.67**	**5.3500**
Stddev	1028.	4.2	45.3	.08	1.41	1.6594
%RSD	3.7351	.08970	3.3902	.07219	.27412	31.018
#1	26803.	4629.7	1303.2	109.19	513.66	6.5234
#2	28257.	4635.6	1367.2	109.08	511.68	4.1766
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	**2.1324**	**-6.0877**	**393.32**	**953.56**
Stddev	1.5512	.6543	2.44	2.15
%RSD	72.743	10.748	.62077	.22555
#1	3.2292	-6.5504	395.05	955.08
#2	1.0355	-5.6251	391.59	952.04
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-15 Acquired: 12/3/2007 17:10:33 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K2 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6204.5**	**9095.3**	**106110.**	**27226.**
Stddev	37.3	47.6	4.	968.
%RSD	.60120	.52289	.00350	3.5540
#1	6178.1	9061.6	106110.	27910.
#2	6230.8	9128.9	106110.	26541.

Sample Name: 0008728-17 Acquired: 12/3/2007 17:13:24 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K4 Dilution: 1.3 Operator: SRV
Comment: FE

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	**.45098**	**171520.**	**34.097**	**1836.5**	**.70545**	**43197.**
Stddev	.13689	5707.	.373	62.0	.01748	1357.
%RSD	30.355	3.3273	1.0937	3.3756	2.4781	3.1417
#1	.35418	167490.	34.361	1792.7	.69309	42237.
#2	.54778	175560.	33.833	1880.4	.71781	44156.
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	**3.5970**	**100.87**	**169.29**	**176.31**	**177630.**	**19339.**
Stddev	.0194	.33	.08	.11	5376.	621.
%RSD	.53970	.33062	.04610	.06337	3.0264	3.2089
#1	3.5833	101.11	169.23	176.39	173830.	18900.
#2	3.6108	100.63	169.34	176.23	181430.	19778.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-17 Acquired: 12/3/2007 17:13:24 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K4 Dilution: 1.3 Operator: SRV
Comment: FE

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	**30587.**	**3756.1**	**3021.2**	**126.09**	**138.82**	**2.4255**
Stddev	957.	2.8	95.0	.15	1.45	.7807
%RSD	3.1290	.07353	3.1452	.11941	1.0422	32.187
#1	29910.	3758.1	2954.0	126.19	139.85	1.8734
#2	31264.	3754.2	3088.3	125.98	137.80	2.9775
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	**-1.6722**	**-7.7947**	**493.49**	**531.55**
Stddev	3.3940	.7937	.65	.06
%RSD	202.97	10.182	.13249	.01141
#1	-4.0721	-8.3559	493.03	531.59
#2	.72773	-7.2335	493.95	531.50
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-17 Acquired: 12/3/2007 17:13:24 Type: Unk
Method: TAL20071203B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K4 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6149.9**	**9051.1**	**104910.**	**27092.**
Stddev	8.7	3.1	78.	655.
%RSD	.14150	.03431	.07393	2.4188
#1	6143.8	9048.9	104860.	27556.
#2	6156.1	9053.3	104970.	26629.

Sample Name: BLANK Acquired: 12/3/2007 17:16:13 Type: Unk
Method: TAL20071203B 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	**-.08659**	**88.351**	**-.79468**	**1.0944**	**-.02089**	**25.109**
Stddev	.23333	15.682	.11610	.2158	.01590	2.349
%RSD	269.45	17.750	14.609	19.722	76.128	9.3559
#1	-.25158	77.262	-.71258	.94181	-.03213	23.448
#2	.07839	99.439	-.87677	1.2471	-.00964	26.771
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	**.15805**	**-.31804**	**.01646**	**-.74338**	**84.656**	**9.6682**
Stddev	.04406	.11792	.53488	.28416	8.295	65.606
%RSD	27.878	37.076	3249.7	38.225	9.7983	678.58
#1	.18920	-.23466	-.36176	-.54245	78.791	56.058
#2	.12689	-.40143	.39468	-.94431	90.522	-36.722
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 12/3/2007 17:16:13 Type: Unk
Method: TAL20071203B 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	**24.636**	**2.4361**	**3.9359**	**-.23187**	**.35462**	**2.0581**
Stddev	6.928	.0232	.9022	.07723	.07469	.2732
%RSD	28.123	.95041	22.922	33.308	21.063	13.273
#1	19.737	2.4197	4.5738	-.28648	.40744	2.2513
#2	29.535	2.4524	3.2980	-.17726	.30181	1.8649
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	**1.1530**	**-3.0010**	**.11996**	**.30663**
Stddev	.9945	.8888	.20326	.02412
%RSD	86.260	29.616	169.44	7.8657
#1	1.8562	-2.3726	-.02377	.28957
#2	.44971	-3.6295	.26368	.32368
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 12/3/2007 17:16:13 Type: Unk
Method: TAL20071203B 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	**6382.2**	**8153.2**	**94988.**	**24901.**
Stddev	24.2	34.8	83.	2843.
%RSD	.37899	.42664	.08713	11.418
#1	6365.1	8128.6	94929.	26912.
#2	6399.3	8177.8	95046.	22891.

Sample Name: ZCRI Acquired: 12/3/2007 17:18:55 Type: QC
Method: TAL20071203B 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	**10.029**	**51.052**	**9.6415**	**1.0628**	**5.7003**	**18.881**
Stddev	.222	.772	.0141	.2128	.4243	2.356
%RSD	2.2184	1.5115	.14597	20.027	7.4428	12.477
#1	9.8714	51.597	9.6514	.91226	6.0003	20.547
#2	10.186	50.506	9.6315	1.2132	5.4003	17.216
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	**4.7665**	**50.926**	**10.213**	**23.248**	**51.244**	**42.805**
Stddev	.0853	.008	.201	.570	5.511	4.102
%RSD	1.7901	.01478	1.9718	2.4533	10.756	9.5823
#1	4.8268	50.932	10.070	22.844	55.141	39.905
#2	4.7062	50.921	10.355	23.651	47.346	45.706
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 12/3/2007 17:18:55 Type: QC
Method: TAL20071203B 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	**17.364**	**17.099**	**-.32711**	**41.665**	**11.767**	**58.103**
Stddev	6.803	.247	4.4733	.193	.671	1.445
%RSD	39.181	1.4429	1367.5	.46244	5.7049	2.4868
#1	22.175	16.924	-3.4902	41.528	11.293	57.082
#2	12.553	17.273	2.8360	41.801	12.242	59.125
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	**32.045**	**26.043**	**49.769**	**62.259**
Stddev	1.638	.196	.368	.233
%RSD	5.1111	.75164	.73898	.37390
#1	33.203	26.182	50.029	62.424
#2	30.887	25.905	49.509	62.095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 12/3/2007 17:18:55 Type: QC
Method: TAL20071203B 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	**7027.2**	**8929.6**	**105760.**	**22552.**
Stddev	39.9	61.2	1373.	1440.
%RSD	.56836	.68519	1.2985	6.3835
#1	7055.5	8972.9	106730.	21534.
#2	6999.0	8886.4	104790.	23570.

Sample Name: CRI Acquired: 12/3/2007 17:21:35 Type: QC
Method: TAL20071203B 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	**10.177**	**17.756**	**9.5938**	**.63552**	**5.0330**	**5.6187**
Stddev	.220	.003	.1342	.07717	.0005	2.1877
%RSD	2.1642	.01712	1.3991	12.143	.00968	38.935
#1	10.021	17.754	9.4989	.58096	5.0333	7.1656
#2	10.332	17.759	9.6888	.69009	5.0326	4.0718
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	**4.7145**	**50.983**	**10.354**	**23.867**	**18.030**	**2.1954**
Stddev	.0313	.168	.329	.035	1.775	4.2521
%RSD	.66483	.32918	3.1819	.14655	9.8450	193.68
#1	4.6923	51.102	10.587	23.892	16.775	5.2021
#2	4.7366	50.864	10.121	23.842	19.286	-.81131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 12/3/2007 17:21:35 Type: QC
Method: TAL20071203B 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	**-.04969**	**16.401**	**.61756**	**41.707**	**11.109**	**58.155**
Stddev	6.7948	.033	6.9418	.081	.644	.096
%RSD	13674.	.20242	1124.1	.19489	5.8018	.16588
#1	4.7549	16.424	5.5262	41.765	11.564	58.223
#2	-4.8543	16.377	-4.2911	41.650	10.653	58.087
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	**31.582**	**25.842**	**49.732**	**61.933**
Stddev	.721	.424	.444	.030
%RSD	2.2824	1.6407	.89239	.04798
#1	32.092	25.542	50.046	61.954
#2	31.073	26.141	49.418	61.912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 12/3/2007 17:21:35 Type: QC
Method: TAL20071203B 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	**6945.1**	**8814.9**	**102670.**	**24793.**
Stddev	1.1	14.0	473.	173.
%RSD	.01603	.15899	.46106	.69776
#1	6944.3	8824.8	102340.	24916.
#2	6945.9	8805.0	103010.	24671.

Sample Name: ICSA Acquired: 12/3/2007 17:24:15 Type: QC
Method: TAL20071203B 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	**.16291**	**246750.**	**.92909**	**-2.6335**	**1.4298**	**237600.**
Stddev	.45052	1647.	.09091	.0939	.0034	129.
%RSD	276.55	.66728	9.7848	3.5667	.24162	.05430
#1	-.15566	245580.	.99337	-2.5671	1.4322	237690.
#2	.48148	247910.	.86480	-2.6999	1.4274	237510.
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	**1.8223**	**2.9311**	**43.661**	**22.299**	**93656.**	**-108.02**
Stddev	.0140	.0097	.074	.036	617.	20.97
%RSD	.76908	.33052	.16969	.16280	.65915	19.418
#1	1.8323	2.9380	43.608	22.324	93219.	-93.185
#2	1.8124	2.9243	43.713	22.273	94092.	-122.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 12/3/2007 17:24:15 Type: QC
Method: TAL20071203B 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	**245430.**	**15.891**	**746.46**	**18.463**	**13.760**	**-.07879**
Stddev	1920.	.348	4.45	.094	.012	.74798
%RSD	.78243	2.1894	.59607	.51132	.08748	949.33
#1	244070.	16.137	743.32	18.530	13.768	.45011
#2	246790.	15.645	749.61	18.397	13.751	-.60769
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	**-3.6128**	**-1.0842**	**-1.2088**	**24.496**
Stddev	.2757	.8481	.2420	.017
%RSD	7.6318	78.224	20.017	.06873
#1	-3.8078	-.48449	-1.3799	24.508
#2	-3.4178	-1.6839	-1.0377	24.484
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 12/3/2007 17:24:15 Type: QC
Method: TAL20071203B 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	**5908.2**	**7979.1**	**93442.**	**23972.**
Stddev	27.4	26.0	280.	36.
%RSD	.46332	.32634	.29934	.15100
#1	5927.6	7997.6	93245.	23997.
#2	5888.9	7960.7	93640.	23946.

Sample Name: ICSAB Acquired: 12/3/2007 17:26:59 Type: QC
Method: TAL20071203B 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	**204.17**	**242710.**	**92.136**	**494.13**	**476.30**	**235860.**
Stddev	.95	377.	.856	.69	.48	2704.
%RSD	.46464	.15533	.92930	.13888	.10090	1.1466
#1	204.84	242440.	91.531	493.65	475.96	237770.
#2	203.50	242970.	92.741	494.62	476.64	233940.
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	**943.90**	**487.25**	**518.14**	**506.33**	**92355.**	**-73.948**
Stddev	.61	.15	1.31	1.83	86.	4.311
%RSD	.06452	.03035	.25287	.36128	.09307	5.8297
#1	944.33	487.15	517.21	507.62	92294.	-70.900
#2	943.47	487.36	519.06	505.03	92416.	-76.996
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 12/3/2007 17:26:59 Type: QC
Method: TAL20071203B 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	**239410.**	**502.47**	**730.09**	**1006.7**	**64.923**	**579.99**
Stddev	141.	.16	1.61	1.6	1.766	2.55
%RSD	.05872	.03227	.21986	.15652	2.7197	.44036
#1	239510.	502.35	728.96	1007.8	63.675	578.18
#2	239310.	502.58	731.23	1005.5	66.172	581.80
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	**50.614**	**93.343**	**474.36**	**1019.3**
Stddev	.693	.276	.44	2.2
%RSD	1.3696	.29580	.09314	.21608
#1	50.123	93.538	474.67	1020.9
#2	51.104	93.147	474.05	1017.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 12/3/2007 17:26:59 Type: QC
Method: TAL20071203B 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	**5939.5**	**8029.0**	**94053.**	**24128.**
Stddev	13.1	20.7	10.	7.
%RSD	.21977	.25770	.01045	.02981
#1	5930.3	8014.4	94046.	24123.
#2	5948.7	8043.7	94060.	24133.

Sample Name: CCV Acquired: 12/3/2007 17:29:39 Type: QC
Method: TAL20071203B 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	**608.95**	**5053.3**	**243.53**	**4948.6**	**124.67**	**12480.**
Stddev	.62	119.5	1.22	112.8	2.87	265.
%RSD	.10194	2.3638	.50057	2.2800	2.3030	2.1274
#1	609.38	5137.8	242.67	5028.4	126.70	12668.
#2	608.51	4968.9	244.39	4868.8	122.64	12292.
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	**122.27**	**1214.3**	**493.27**	**581.35**	**2523.6**	**12470.**
Stddev	.22	1.0	1.38	.25	55.9	276.
%RSD	.18054	.08244	.28051	.04243	2.2135	2.2101
#1	122.42	1215.0	492.29	581.18	2563.1	12665.
#2	122.11	1213.6	494.24	581.53	2484.1	12276.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2007 17:29:39 Type: QC
Method: TAL20071203B 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	**12255.**	**1225.2**	**12167.**	**1239.1**	**241.68**	**1192.1**
Stddev	272.	.1	250.	1.0	.80	.2
%RSD	2.2154	.00845	2.0528	.08125	.33101	.01650
#1	12447.	1225.2	12344.	1239.8	241.12	1192.0
#2	12063.	1225.1	11990.	1238.4	242.25	1192.2
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	**236.74**	**246.66**	**1182.7**	**1263.8**
Stddev	.30	.16	.1	.3
%RSD	.12725	.06528	.00529	.02265
#1	236.53	246.77	1182.6	1264.0
#2	236.96	246.54	1182.7	1263.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 12/3/2007 17:29:39 Type: QC
Method: TAL20071203B 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	**6669.7**	**8652.1**	**100250.**	**24260.**
Stddev	7.6	7.2	49.	418.
%RSD	.11323	.08357	.04930	1.7232
#1	6664.4	8647.0	100210.	23964.
#2	6675.0	8657.3	100280.	24555.

Sample Name: CCB Acquired: 12/3/2007 17:32:15 Type: QC
Method: TAL20071203B 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	**.39354**	**-1.7003**	**.17985**	**.09974**	**.03848**	**-.26267**
Stddev	.17058	.4617	.24332	.15211	.01213	.76631
%RSD	43.344	27.154	135.29	152.50	31.534	291.74
#1	.51416	-1.3738	.00779	.20729	.02990	-.80453
#2	.27293	-2.0268	.35191	-.00782	.04705	.27919
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	**-.00731**	**.26294**	**-.12951**	**-.48868**	**-.26330**	**-16.785**
Stddev	.07728	.16428	.09150	.30478	.02162	5.457
%RSD	1056.8	62.479	70.650	62.369	8.2124	32.511
#1	-.06196	.14677	-.06481	-.70419	-.24801	-20.644
#2	.04733	.37910	-.19421	-.27316	-.27859	-12.926
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/3/2007 17:32:15 Type: QC
Method: TAL20071203B 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	**.65474**	**.05630**	**-.65258**	**.42062**	**-.51443**	**1.3072**
Stddev	.55066	.00142	.31992	.33078	.40313	1.1392
%RSD	84.103	2.5166	49.024	78.642	78.364	87.147
#1	.26537	.05530	-.87880	.18672	-.22938	2.1127
#2	1.0441	.05730	-.42637	.65452	-.79949	.50167
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	**.05470**	**-.52633**	**.08798**	**.42361**
Stddev	.25695	.67988	.11566	.15486
%RSD	469.70	129.17	131.47	36.558
#1	-.12699	-1.0071	.00619	.31410
#2	.23640	-.04559	.16976	.53311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/3/2007 17:32:15 Type: QC
Method: TAL20071203B 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	**6890.1**	**8744.0**	**102290.**	**23633.**
Stddev	1.9	13.2	103.	903.
%RSD	.02819	.15131	.10080	3.8203
#1	6891.4	8753.4	102210.	22995.
#2	6888.7	8734.7	102360.	24271.

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

Instrument Run Log

Instrument ID:

Runlog,Logbook (RCN#/Page#): 665-0716 | 112
Analyst/Date: SNW 12/04/07
Method: ILM05.4
SOP: 28706
Reviewer/Date: BPP 12/04/07
Sequence: TAL 2007 1204B 1
Analysis Start: 12/04/07 14:39:34
Data File:
Analysis End: 12/04/07 15:58:57

No	Lab Sample	Client Sample	Date	Time	D/F	In2306	Y_2243	Y_3600	Y_3710	Comments
0	S0	S0	12/04/07	14:39:34	1	100	100	100	100	
0	S	S	12/04/07	14:42:18	1	95	96	97	100	
0	ICV1	ICV	12/04/07	14:45:03	1	96	97	99	99	
0	ICB1	ICB	12/04/07	14:47:37	1	99	98	99	96	
0	CRDL1	CRI	12/04/07	14:50:21	1	97	97	98	87	
0	ICS-A1	ICSA	12/04/07	14:53:01	1	83	88	91	92	
0	ICS-AB1	ICSAB	12/04/07	14:55:45	1	83	88	91	92	
0	CCV1	CCV	12/04/07	14:58:27	1	93	96	97	96	
0	CCB1	CCB	12/04/07	15:01:03	1	95	97	98	95	
0	0008727-18	MH24L0	12/04/07	15:03:47	1.3	85	100	108	126 *	
0	0008727-19	MH24L1	12/04/07	15:06:37	1.3	87	102	105	117	
0	0008728-19	MH24K6	12/04/07	15:09:26	1.3	88	100	104	109	
0	0008726-05	MH24E0	12/04/07	15:12:18	1.3	86	102	106	120	
0	0008726-06	MH24E1	12/04/07	15:15:09	1.3	86	101	104	117	
0	Z0008724-01A	ZMH24H6A	12/04/07	15:18:01	1	84	100	104	122 *	
0	Z0008725-01A	ZMH24M8A	12/04/07	15:20:50	1	86	101	105	121 *	
0	0008724-06	MH24Q1	12/04/07	15:23:41	5.5	89	94	94	94	
0	Z0008724-06	ZMH24Q1	12/04/07	15:26:31	4.2	91	96	99	95	
0	BLANK	BLANK	12/04/07	15:29:21	1	92	94	104	120	
0	CCV2	CCV	12/04/07	15:32:04	1	91	94	95	90	
0	CCB2	CCB	12/04/07	15:34:41	1	96	98	101	99	
0	0008724-13	MH24Q8	12/04/07	15:37:26	5	91	96	99	95	
0	BLANK	BLANK	12/04/07	15:40:16	1	91	94	103	117	
0	BLANK	BLANK	12/04/07	15:43:01	1	83	86	93	105	
0	ZCRI	ZCRI	12/04/07	15:45:38	1	93	95	96	97	
0	CRDL2	CRI	12/04/07	15:48:16	1	96	99	102	95	
0	ICS-A2	ICSA	12/04/07	15:50:56	1	83	89	92	92	
0	ICS-AB2	ICSAB	12/04/07	15:53:39	1	83	89	92	93	
0	CCV3	CCV	12/04/07	15:56:20	1	93	97	99	100	
0	CCB3	CCB	12/04/07	15:58:57	1	96	98	99	97	

Sample Name: S0 Acquired: 12/4/2007 14:39:34 Type: Cal
Method: TAL20071204B 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	**-.00241**	**.00004**	**-.00001**	**.00115**	**.00041**	**.00569**
Stddev	.00001	.00004	.00001	.00019	.00008	.00008
%RSD	.42870	92.250	126.03	16.881	19.175	1.3865
#1	-.00240	.00007	-.00002	.00129	.00047	.00563
#2	-.00241	.00001	.00000	.00101	.00036	.00574

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	**-.00015**	**.00001**	**-.00002**	**.00172**	**.00031**	**-.00107**
Stddev	.00007	.00012	.00004	.00012	.00000	.00035
%RSD	48.848	1913.8	285.65	6.9484	.52603	32.984
#1	-.00010	.00009	-.00005	.00181	.00031	-.00082
#2	-.00020	-.00008	.00002	.00164	.00031	-.00132

Sample Name: S0 Acquired: 12/4/2007 14:39:34 Type: Cal
Method: TAL20071204B 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	**.00004**	**.00012**	**-.00273**	**-.00029**	**-.00030**	**.00001**
Stddev	.00004	.00003	.00049	.00016	.00004	.00003
%RSD	110.69	23.443	17.801	55.647	14.582	205.97
#1	.00007	.00010	-.00308	-.00018	-.00027	-.00001
#2	.00001	.00014	-.00239	-.00040	-.00033	.00003

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	**.00006**	**-.00004**	**-.00014**	**.00006**
Stddev	.00000	.00020	.00000	.00008
%RSD	.69007	522.91	3.5010	130.26
#1	.00006	.00010	-.00013	.00011
#2	.00006	-.00018	-.00014	.00000

Sample Name: S0 Acquired: 12/4/2007 14:39:34 Type: Cal
Method: TAL20071204B 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	**7425.1**	**9892.5**	**116070.**	**28345.**
Stddev	42.8	6.4	227.	844.
%RSD	.57639	.06509	.19595	2.9769
#1	7394.8	9897.0	115910.	28942.
#2	7455.4	9887.9	116230.	27748.

Sample Name: S Acquired: 12/4/2007 14:42:18 Type: Cal
Method: TAL20071204B 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	**.26108**	**.40564**	**.04377**	**22.224**	**.84934**	**2.8116**
Stddev	.00020	.01239	.00005	.273	.02646	.0795
%RSD	.07786	3.0539	.12218	1.2268	3.1159	2.8284
#1	.26123	.39688	.04373	22.031	.83062	2.7554
#2	.26094	.41440	.04381	22.417	.86805	2.8678

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	**.41856**	**2.9985**	**.11554**	**.35485**	**.43172**	**.38160**
Stddev	.00112	.0100	.00033	.00017	.01329	.01083
%RSD	.26661	.33357	.28338	.04807	3.0792	2.8381
#1	.41777	2.9914	.11577	.35497	.42232	.37394
#2	.41935	3.0055	.11531	.35473	.44112	.38926

Sample Name: S Acquired: 12/4/2007 14:42:18 Type: Cal
Method: TAL20071204B 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	**.27895**	**1.6670**	**1.5922**	**1.8190**	**.13562**	**.25569**
Stddev	.00743	.0052	.0461	.0054	.00061	.00107
%RSD	2.6631	.30904	2.8985	.29772	.44827	.41811
#1	.27370	1.6707	1.5596	1.8152	.13519	.25494
#2	.28420	1.6634	1.6248	1.8229	.13605	.25645

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	**.03353**	**.07151**	**.43600**	**2.8218**
Stddev	.00005	.00014	.00146	.0037
%RSD	.14571	.20063	.33542	.13149
#1	.03350	.07141	.43703	2.8191
#2	.03356	.07161	.43496	2.8244

Sample Name: S Acquired: 12/4/2007 14:42:18 Type: Cal
Method: TAL20071204B 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	**7019.3**	**9516.1**	**112710.**	**28496.**
Stddev	26.1	32.0	418.	760.
%RSD	.37220	.33654	.37069	2.6673
#1	7037.8	9538.7	112410.	29034.
#2	7000.8	9493.5	113010.	27959.

Sample Name: ICV Acquired: 12/4/2007 14:45:03 Type: QC
Method: TAL20071204B 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	**502.67**	**2723.0**	**954.06**	**544.10**	**515.77**	**10651.**
Stddev	5.12	117.1	1.15	20.19	19.17	421.
%RSD	1.0181	4.2985	.12060	3.7114	3.7174	3.9523
#1	499.05	2640.2	954.87	529.82	502.21	10353.
#2	506.28	2805.7	953.24	558.38	529.33	10949.
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	**486.67**	**517.90**	**513.75**	**481.56**	**5407.9**	**10756.**
Stddev	.74	1.13	6.36	7.87	201.1	399.
%RSD	.15162	.21860	1.2389	1.6349	3.7193	3.7105
#1	487.19	518.70	509.25	476.00	5265.7	10474.
#2	486.15	517.10	518.25	487.13	5550.2	11039.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 12/4/2007 14:45:03 Type: QC
Method: TAL20071204B 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	**6359.5**	**522.05**	**10500.**	**516.15**	**974.48**	**1009.3**
Stddev	261.2	5.19	383.	1.36	.66	1.8
%RSD	4.1077	.99449	3.6510	.26400	.06722	.18296
#1	6174.7	518.38	10229.	517.12	974.02	1010.6
#2	6544.2	525.72	10771.	515.19	974.95	1008.0
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	**957.78**	**991.73**	**509.31**	**1042.5**
Stddev	3.68	1.56	6.70	2.4
%RSD	.38472	.15698	1.3155	.23286
#1	960.39	992.83	504.57	1044.2
#2	955.18	990.63	514.05	1040.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV Acquired: 12/4/2007 14:45:03 Type: QC
Method: TAL20071204B 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	**7146.6**	**9599.2**	**113990.**	**27779.**
Stddev	19.2	23.2	618.	1054.
%RSD	.26817	.24189	.54186	3.7943
#1	7133.1	9582.8	114430.	28524.
#2	7160.2	9615.6	113560.	27034.

Sample Name: ICB Acquired: 12/4/2007 14:47:37 Type: QC
Method: TAL20071204B 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	**.38809**	**10.770**	**-.04729**	**2.0734**	**.07467**	**6.9359**
Stddev	.42955	5.672	.29997	.2342	.04609	1.0250
%RSD	110.68	52.664	634.37	11.294	61.730	14.778
#1	.08435	14.780	.16482	2.2389	.04208	7.6606
#2	.69183	6.7592	-.25940	1.9078	.10726	6.2111
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	**.15620**	**.83515**	**.40621**	**-.04036**	**2.4489**	**5.1379**
Stddev	.00222	.02935	.46489	.22078	.2793	36.360
%RSD	1.4213	3.5146	114.44	547.02	11.406	707.69
#1	.15777	.81440	.07749	-.19648	2.2514	-20.573
#2	.15463	.85591	.73494	.11575	2.6464	30.848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 12/4/2007 14:47:37 Type: QC
Method: TAL20071204B 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	**13.395**	**.55163**	**3.2945**	**.57488**	**.83389**	**1.6255**
Stddev	9.477	.08524	1.2134	.03960	.92468	.6164
%RSD	70.755	15.453	36.832	6.8892	110.89	37.921
#1	20.096	.49136	2.4365	.54688	1.4877	2.0613
#2	6.6932	.61191	4.1525	.60289	.18005	1.1896
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	**.85984**	**.13564**	**.92376**	**.79760**
Stddev	.02755	1.0138	.03368	.08893
%RSD	3.2045	747.44	3.6456	11.150
#1	.87932	.85252	.89994	.86048
#2	.84036	-.58124	.94757	.73471
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICB Acquired: 12/4/2007 14:47:37 Type: QC
Method: TAL20071204B 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	**7284.8**	**9700.6**	**115120.**	**27876.**
Stddev	23.9	28.4	24.	246.
%RSD	.32762	.29228	.02070	.88156
#1	7301.7	9720.7	115110.	27702.
#2	7267.9	9680.6	115140.	28049.

Sample Name: CRI Acquired: 12/4/2007 14:50:21 Type: QC
Method: TAL20071204B 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	**10.739**	**14.232**	**9.4254**	**-.02289**	**5.6237**	**8.0034**
Stddev	.220	3.370	.2553	.01229	.7015	1.7769
%RSD	2.0514	23.676	2.7090	53.700	12.474	22.201
#1	10.895	16.615	9.2448	-.01420	6.1197	9.2599
#2	10.583	11.849	9.6059	-.03159	5.1277	6.7470
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	**5.0888**	**54.278**	**11.097**	**25.318**	**6.3527**	**-1.2655**
Stddev	.0595	.206	.400	.364	.7225	.5324
%RSD	1.1697	.38036	3.6055	1.4386	11.373	42.073
#1	5.1309	54.424	11.380	25.060	6.8636	-1.6420
#2	5.0467	54.132	10.814	25.575	5.8418	-.88904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 12/4/2007 14:50:21 Type: QC
Method: TAL20071204B 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	**10.566**	**16.989**	**-6.2955**	**43.900**	**13.114**	**61.811**
Stddev	2.767	.064	2.5214	.191	.302	.094
%RSD	26.184	.37656	40.051	.43529	2.3015	.15203
#1	12.522	17.034	-8.0784	43.765	13.327	61.877
#2	8.6093	16.943	-4.5126	44.035	12.901	61.744
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	**32.729**	**26.464**	**53.824**	**63.384**
Stddev	.947	.395	.154	.286
%RSD	2.8945	1.4932	.28698	.45150
#1	32.059	26.185	53.933	63.182
#2	33.399	26.744	53.715	63.586
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 12/4/2007 14:50:21 Type: QC
Method: TAL20071204B 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	**7199.7**	**9610.9**	**114110.**	**27323.**
Stddev	9.6	4.7	16.	3093.
%RSD	.13374	.04839	.01400	11.320
#1	7206.6	9607.7	114120.	25136.
#2	7192.9	9614.2	114100.	29510.

Sample Name: ICSA Acquired: 12/4/2007 14:53:01 Type: QC
Method: TAL20071204B 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	**.11953**	**265300.**	**-.06803**	**-3.4635**	**1.5347**	**256890.**
Stddev	.15982	174.	.17704	.1322	.0138	33.
%RSD	133.70	.06565	260.23	3.8159	.89878	.01288
#1	.00653	265180.	.05716	-3.5569	1.5445	256860.
#2	.23254	265430.	-.19322	-3.3700	1.5250	256910.
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	**2.0403**	**3.0558**	**45.653**	**23.592**	**100540.**	**-76.116**
Stddev	.0481	.2138	.141	.283	21.	10.044
%RSD	2.3594	6.9947	.30775	1.1994	.02048	13.195
#1	2.0062	3.2070	45.554	23.392	100530.	-83.218
#2	2.0743	2.9047	45.753	23.792	100560.	-69.014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 12/4/2007 14:53:01 Type: QC
Method: TAL20071204B 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	**263380.**	**16.080**	**800.46**	**18.975**	**13.482**	**-.35271**
Stddev	247.	.059	5.09	.197	1.602	.52814
%RSD	.09369	.36691	.63616	1.0372	11.881	149.74
#1	263200.	16.038	796.86	19.114	14.615	.02075
#2	263550.	16.122	804.06	18.836	12.350	-.72616
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	**-4.3010**	**-.89136**	**-.45585**	**24.525**
Stddev	.9149	.75460	.22345	.087
%RSD	21.271	84.657	49.018	.35344
#1	-3.6541	-.35778	-.61386	24.464
#2	-4.9479	-1.4250	-.29785	24.587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 12/4/2007 14:53:01 Type: QC
Method: TAL20071204B 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	**6161.8**	**8755.8**	**104880.**	**26789.**
Stddev	.0	5.2	36.	83.
%RSD	.00062	.05960	.03431	.30941
#1	6161.8	8752.1	104900.	26730.
#2	6161.8	8759.5	104850.	26847.

Sample Name: ICSAB Acquired: 12/4/2007 14:55:45 Type: QC
Method: TAL20071204B 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	**207.82**	**261290.**	**97.732**	**538.19**	**510.53**	**252920.**
Stddev	.24	1257.	.095	2.03	1.77	3137.
%RSD	.11310	.48121	.09754	.37735	.34753	1.2401
#1	207.99	262180.	97.664	539.63	511.78	255140.
#2	207.66	260400.	97.799	536.76	509.27	250700.
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	**977.03**	**509.54**	**529.96**	**527.61**	**98930.**	**-66.653**
Stddev	.10	.01	1.42	.62	543.	6.443
%RSD	.01049	.00289	.26707	.11773	.54908	9.6665
#1	977.10	509.53	530.96	527.17	99314.	-71.209
#2	976.95	509.55	528.96	528.04	98546.	-62.098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 12/4/2007 14:55:45 Type: QC
Method: TAL20071204B 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	**258540.**	**520.89**	**802.39**	**1051.6**	**60.873**	**600.48**
Stddev	1565.	.67	1.43	.5	1.358	.74
%RSD	.60519	.12858	.17868	.04852	2.2315	.12246
#1	259640.	521.37	801.37	1052.0	61.833	601.00
#2	257430.	520.42	803.40	1051.3	59.912	599.96
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	**52.320**	**97.497**	**492.51**	**1053.5**
Stddev	1.356	1.422	.05	.1
%RSD	2.5913	1.4587	.01029	.00905
#1	51.361	96.492	492.55	1053.5
#2	53.278	98.503	492.48	1053.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 12/4/2007 14:55:45 Type: QC
Method: TAL20071204B 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	**6116.9**	**8744.1**	**105440.**	**26692.**
Stddev	6.8	16.4	204.	258.
%RSD	.11168	.18806	.19359	.96476
#1	6112.1	8732.5	105300.	26510.
#2	6121.8	8755.8	105580.	26874.

Sample Name: CCV Acquired: 12/4/2007 14:58:27 Type: QC
Method: TAL20071204B 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	**597.51**	**5022.3**	**238.54**	**4940.7**	**123.52**	**12426.**
Stddev	.45	18.4	.35	21.5	.70	69.
%RSD	.07533	.36677	.14652	.43460	.56581	.55387
#1	597.83	5009.3	238.29	4925.5	123.02	12377.
#2	597.20	5035.3	238.79	4955.9	124.01	12475.
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	**119.80**	**1214.6**	**485.19**	**578.18**	**2506.5**	**12460.**
Stddev	.03	1.1	.51	.61	12.4	121.
%RSD	.02254	.09226	.10590	.10575	.49617	.96928
#1	119.82	1215.4	484.83	577.75	2497.7	12375.
#2	119.78	1213.8	485.55	578.62	2515.3	12546.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/4/2007 14:58:27 Type: QC
Method: TAL20071204B 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	**12128.**	**1215.2**	**12150.**	**1235.6**	**241.30**	**1180.4**
Stddev	93.	1.0	73.	1.6	.27	1.7
%RSD	.76815	.08318	.59923	.13158	.11367	.14145
#1	12062.	1214.5	12099.	1236.7	241.11	1181.6
#2	12194.	1215.9	12202.	1234.5	241.50	1179.2
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	**236.32**	**242.52**	**1167.4**	**1247.2**
Stddev	1.58	1.20	1.3	1.5
%RSD	.67029	.49462	.10825	.11721
#1	237.44	243.36	1166.5	1248.2
#2	235.20	241.67	1168.3	1246.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 12/4/2007 14:58:27 Type: QC
Method: TAL20071204B 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	**6868.4**	**9456.0**	**112050.**	**27562.**
Stddev	6.8	4.5	47.	131.
%RSD	.09852	.04753	.04159	.47550
#1	6863.6	9452.8	112080.	27654.
#2	6873.1	9459.2	112010.	27469.

Sample Name: CCB Acquired: 12/4/2007 15:01:03 Type: QC
Method: TAL20071204B 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	**.83617**	**18.950**	**.57504**	**2.4100**	**.06929**	**13.725**
Stddev	.31086	1.091	.09835	.1125	.04573	1.805
%RSD	37.177	5.7547	17.102	4.6692	65.987	13.149
#1	1.0560	19.721	.64458	2.4896	.10163	12.449
#2	.61636	18.179	.50550	2.3304	.03696	15.002
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	**.16905**	**.82729**	**.59650**	**-.34196**	**5.3789**	**35.670**
Stddev	.06200	.14812	.26392	.36103	.9350	13.172
%RSD	36.675	17.904	44.244	105.57	17.383	36.928
#1	.12521	.93203	.40989	-.59725	4.7177	44.984
#2	.21289	.72256	.78312	-.08668	6.0401	26.356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/4/2007 15:01:03 Type: QC
Method: TAL20071204B 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	**12.126**	**.67233**	**5.9309**	**.61327**	**.62489**	**1.4456**
Stddev	12.808	.06297	4.0257	.12069	.56077	1.5022
%RSD	105.63	9.3656	67.876	19.679	89.739	103.92
#1	21.183	.62781	3.0843	.69862	.22837	2.5077
#2	3.0692	.71686	8.7775	.52793	1.0214	.38337
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	**.16226**	**-.65067**	**1.0319**	**.99405**
Stddev	.67975	.16935	.1789	.03671
%RSD	418.92	26.027	17.334	3.6929
#1	-.31839	-.77042	1.1584	1.0200
#2	.64292	-.53092	.90541	.96809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/4/2007 15:01:03 Type: QC
Method: TAL20071204B 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	**7041.3**	**9576.3**	**113770.**	**27621.**
Stddev	22.6	18.5	401.	26.
%RSD	.32068	.19333	.35274	.09235
#1	7057.3	9589.3	114060.	27603.
#2	7025.3	9563.2	113490.	27639.

Sample Name: 0008727-18 Acquired: 12/4/2007 15:03:47 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24L0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**2.8878**	**125180.**	**55.449**	**1818.6**	**.02261**	**47736.**
Stddev	.0399	6410.	.320	90.8	.01696	2532.
%RSD	1.3832	5.1208	.57767	4.9942	74.977	5.3052
#1	2.8595	120650.	55.222	1754.3	.03460	45945.
#2	2.9160	129710.	55.675	1882.8	.01062	49527.
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	**7.7521**	**137.53**	**221.67**	**245.08**	**190910.**	**29675.**
Stddev	.0184	1.37	7.13	6.76	4171.	1609.
%RSD	.23689	.99556	3.2183	2.7587	2.1845	5.4230
#1	7.7651	136.56	216.63	240.30	187960.	28537.
#2	7.7391	138.50	226.72	249.86	193860.	30813.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008727-18 Acquired: 12/4/2007 15:03:47 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24L0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**29603.**	**4611.2**	**1837.9**	**171.08**	**636.37**	**14.399**
Stddev	1623.	167.3	84.9	2.22	4.50	1.572
%RSD	5.4825	3.6277	4.6201	1.2991	.70716	10.915
#1	28455.	4492.9	1777.8	169.51	633.19	13.288
#2	30751.	4729.5	1897.9	172.65	639.55	15.510
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	**-1.0771**	**-11.374**	**619.36**	**1267.8**
Stddev	.5829	1.596	18.39	14.0
%RSD	54.116	14.032	2.9697	1.1043
#1	-.66497	-10.245	606.35	1257.9
#2	-1.4893	-12.502	632.36	1277.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008727-18 Acquired: 12/4/2007 15:03:47 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24L0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6276.4**	**9922.2**	**123240.**	**35576.**
Stddev	17.2	18.3	2501.	1436.
%RSD	.27411	.18451	2.0294	4.0370
#1	6288.6	9935.1	125010.	36592.
#2	6264.2	9909.2	121470.	34561.

Sample Name: 0008727-19 Acquired: 12/4/2007 15:06:37 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24L1 Dilution: 1.3 Operator: SRV
Comment: FE

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	**2.7038**	**166510.**	**74.688**	**1876.1**	**4.2316**	**37104.**
Stddev	.3733	11939.	.132	134.4	.2144	2849.
%RSD	13.808	7.1703	.17662	7.1655	5.0659	7.6778
#1	2.4398	158070.	74.781	1781.0	4.0800	35090.
#2	2.9677	174950.	74.595	1971.2	4.3832	39118.
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	**8.5236**	**104.65**	**169.91**	**210.51**	**174420.**	**28640.**
Stddev	.0544	.43	.67	.24	7026.	1919.
%RSD	.63811	.40668	.39698	.11551	4.0284	6.7000
#1	8.4851	104.35	169.44	210.34	169450.	27283.
#2	8.5620	104.95	170.39	210.68	179390.	29997.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008727-19 Acquired: 12/4/2007 15:06:37 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24L1 Dilution: 1.3 Operator: SRV
Comment: FE

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	**27705.**	**4611.9**	**824.73**	**141.91**	**604.08**	**10.888**
Stddev	2075.	39.6	78.79	1.00	1.17	1.020
%RSD	7.4889	.85959	9.5532	.70356	.19359	9.3662
#1	26238.	4583.9	769.02	141.21	603.25	11.609
#2	29172.	4640.0	880.44	142.62	604.90	10.167
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	**-.31980**	**-4.7154**	**400.87**	**1207.1**
Stddev	3.6144	.3159	.70	7.5
%RSD	1130.2	6.6990	.17569	.62533
#1	2.2360	-4.9387	400.37	1201.7
#2	-2.8756	-4.4920	401.37	1212.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008727-19 Acquired: 12/4/2007 15:06:37 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24L1 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6422.8**	**10099.**	**121610.**	**32531.**
Stddev	18.3	16.	888.	1761.
%RSD	.28478	.15810	.73059	5.4135
#1	6435.8	10110.	122240.	33776.
#2	6409.9	10087.	120980.	31285.

Sample Name: 0008728-19 Acquired: 12/4/2007 15:09:26 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K6 Dilution: 1.3 Operator: SRV
Comment: FE

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	**1.1892**	**129320.**	**45.681**	**1835.0**	**-.11252**	**42089.**
Stddev	.2596	3890.	.723	49.9	.06434	1129.
%RSD	21.834	3.0082	1.5823	2.7211	57.177	2.6812
#1	1.3728	126570.	45.170	1799.7	-.15801	41291.
#2	1.0056	132070.	46.193	1870.3	-.06703	42887.
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	**5.2339**	**94.403**	**148.66**	**195.86**	**168500.**	**29013.**
Stddev	.1669	.326	1.33	1.13	4682.	741.
%RSD	3.1886	.34520	.89457	.57451	2.7783	2.5528
#1	5.1159	94.173	147.72	195.07	165190.	28490.
#2	5.3519	94.634	149.60	196.66	171810.	29537.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008728-19 Acquired: 12/4/2007 15:09:26 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K6 Dilution: 1.3 Operator: SRV
Comment: FE

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	**27442.**	**3906.0**	**2995.8**	**109.70**	**355.63**	**5.9786**
Stddev	765.	29.2	56.6	.08	2.33	.7000
%RSD	2.7879	.74736	1.8897	.06916	.65565	11.708
#1	26901.	3885.4	2955.8	109.75	353.98	6.4736
#2	27983.	3926.7	3035.8	109.64	357.28	5.4837
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	**-1.8610**	**-8.3651**	**430.12**	**805.29**
Stddev	.6988	.2835	2.56	1.98
%RSD	37.550	3.3889	.59612	.24639
#1	-1.3669	-8.5655	428.31	803.89
#2	-2.3551	-8.1646	431.94	806.69
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008728-19 Acquired: 12/4/2007 15:09:26 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24K6 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6487.6**	**9933.2**	**119920.**	**31145.**
Stddev	10.0	11.9	434.	714.
%RSD	.15343	.11980	.36219	2.2920
#1	6494.7	9941.6	120230.	31650.
#2	6480.6	9924.8	119620.	30640.

Sample Name: 0008726-05 Acquired: 12/4/2007 15:12:18 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24E0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**.48652**	**140020.**	**49.983**	**1871.8**	**1.7019**	**40086.**
Stddev	.25714	14551.	.053	192.2	.1397	4192.
%RSD	52.852	10.393	.10561	10.268	8.2077	10.456
#1	.66834	129730.	50.020	1735.9	1.6032	37122.
#2	.30469	150310.	49.946	2007.7	1.8007	43050.
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	**5.8558**	**111.46**	**217.82**	**204.13**	**195480.**	**31025.**
Stddev	.0056	.91	2.61	2.71	10560.	3026.
%RSD	.09520	.81416	1.1975	1.3256	5.4021	9.7531
#1	5.8518	110.81	215.97	202.22	188010.	28885.
#2	5.8597	112.10	219.66	206.04	202940.	33165.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008726-05 Acquired: 12/4/2007 15:12:18 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24E0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**35046.**	**6732.1**	**1795.7**	**149.91**	**296.09**	**7.4164**
Stddev	3548.	124.4	193.0	1.94	.87	1.3712
%RSD	10.124	1.8482	10.750	1.2935	.29271	18.489
#1	32537.	6644.1	1659.2	148.54	296.70	8.3860
#2	37555.	6820.1	1932.2	151.29	295.47	6.4468
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	**1.0481**	**-3.0344**	**496.34**	**821.17**
Stddev	.7458	.7192	6.38	7.28
%RSD	71.158	23.700	1.2863	.88621
#1	1.5754	-3.5429	491.82	816.02
#2	.52072	-2.5259	500.85	826.31
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008726-05 Acquired: 12/4/2007 15:12:18 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24E0 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6374.0**	**10022.**	**122740.**	**32961.**
Stddev	31.6	43.	866.	2417.
%RSD	.49623	.42431	.70561	7.3316
#1	6396.4	10052.	123360.	34670.
#2	6351.6	9991.7	122130.	31253.

Sample Name: 0008726-06 Acquired: 12/4/2007 15:15:09 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24E1 Dilution: 1.3 Operator: SRV
Comment: FE

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	**-.01481**	**133590.**	**44.530**	**2409.8**	**1.5495**	**36553.**
Stddev	.26593	14502.	.095	248.1	.0879	3939.
%RSD	1796.2	10.855	.21394	10.296	5.6728	10.776
#1	-.20285	123340.	44.463	2234.4	1.4873	33768.
#2	.17324	143850.	44.598	2585.3	1.6116	39338.
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	**5.3399**	**148.98**	**218.16**	**186.35**	**190200.**	**28656.**
Stddev	.1575	.41	1.38	.64	13647.	2984.
%RSD	2.9499	.27286	.63295	.34597	7.1753	10.414
#1	5.2286	148.70	217.18	185.89	180550.	26545.
#2	5.4513	149.27	219.14	186.81	199850.	30766.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008726-06 Acquired: 12/4/2007 15:15:09 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24E1 Dilution: 1.3 Operator: SRV
Comment: FE

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	**33225.**	**9513.4**	**1577.6**	**156.37**	**300.31**	**5.0218**
Stddev	3543.	86.1	162.6	.03	2.48	.2475
%RSD	10.665	.90498	10.310	.01685	.82569	4.9280
#1	30719.	9452.5	1462.6	156.39	302.07	4.8468
#2	35730.	9574.2	1692.6	156.35	298.56	5.1968
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	**1.3370**	**-1.2372**	**511.98**	**732.08**
Stddev	1.0730	1.6921	3.31	3.53
%RSD	80.254	136.76	.64686	.48190
#1	2.0957	-2.4337	509.64	729.59
#2	.57828	-.04075	514.32	734.58
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008726-06 Acquired: 12/4/2007 15:15:09 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24E1 Dilution: 1.3 Operator: SRV
Comment: FE

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	**6368.0**	**9964.6**	**120540.**	**32182.**
Stddev	10.4	15.4	249.	2552.
%RSD	.16336	.15414	.20650	7.9305
#1	6375.4	9975.4	120710.	33987.
#2	6360.7	9953.7	120360.	30377.

Sample Name: Z0008724-01A Acquired: 12/4/2007 15:18:01 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24H6A 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	**18.317**	**180270.**	**175.95**	**1732.4**	**.73567**	**46497.**
Stddev	.639	24537.	1.50	249.4	.13788	6394.
%RSD	3.4877	13.611	.85269	14.399	18.742	13.752
#1	17.865	162920.	174.89	1556.0	.63818	41976.
#2	18.769	197620.	177.01	1908.8	.83317	51018.
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	**5.4591**	**115.84**	**216.28**	**184.95**	**193510.**	**37657.**
Stddev	.3706	.19	1.70	1.81	24591.	5000.
%RSD	6.7886	.16225	.78539	.98003	12.708	13.277
#1	5.1971	115.97	215.08	183.67	176120.	34122.
#2	5.7212	115.71	217.48	186.23	210890.	41192.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: Z0008724-01A Acquired: 12/4/2007 15:18:01 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24H6A 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	**45357.**	**4483.0**	**3264.9**	**152.02**	**249.91**	**4.0507**
Stddev	6239.	36.3	417.4	1.46	1.92	.1435
%RSD	13.756	.80918	12.783	.95847	.76923	3.5421
#1	40945.	4457.4	2969.8	150.98	251.27	4.1521
#2	49769.	4508.7	3560.0	153.05	248.55	3.9492
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	**-2.7168**	**-8.9859**	**523.84**	**2819.6**
Stddev	.8872	.8903	5.81	16.1
%RSD	32.655	9.9074	1.1100	.57113
#1	-3.3441	-8.3564	519.73	2808.2
#2	-2.0894	-9.6154	527.95	2831.0
Check ?	None	None	None	None
Value				
Range				

Sample Name: Z0008724-01A Acquired: 12/4/2007 15:18:01 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24H6A 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	**6232.9**	**9872.4**	**119800.**	**32840.**
Stddev	14.3	30.4	1031.	3615.
%RSD	.22886	.30774	.86060	11.007
#1	6242.9	9893.9	120530.	35396.
#2	6222.8	9850.9	119070.	30284.

Sample Name: Z0008725-01A Acquired: 12/4/2007 15:20:50 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24M8A 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	**6.4571**	**127600.**	**92.301**	**1531.7**	**2.5156**	**38372.**
Stddev	.0040	18146.	.684	208.8	.3546	5278.
%RSD	.06236	14.221	.74052	13.631	14.095	13.755
#1	6.4542	114770.	91.818	1384.1	2.2649	34640.
#2	6.4599	140430.	92.785	1679.3	2.7663	42105.
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	**10.857**	**90.054**	**181.68**	**239.55**	**146060.**	**33974.**
Stddev	.386	.077	2.06	1.54	16489.	4436.
%RSD	3.5537	.08517	1.1336	.64179	11.289	13.057
#1	10.584	90.109	180.22	238.46	134400.	30837.
#2	11.129	90.000	183.13	240.64	157720.	37111.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: Z0008725-01A Acquired: 12/4/2007 15:20:50 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24M8A 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	**33273.**	**4216.4**	**1462.9**	**123.89**	**1053.7**	**34.756**
Stddev	4606.	35.4	214.1	.71	3.0	.802
%RSD	13.844	.83907	14.636	.57281	.28726	2.3067
#1	30016.	4191.4	1311.5	123.39	1051.6	34.190
#2	36530.	4241.4	1614.3	124.40	1055.8	35.323
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	**.19941**	**-4.5440**	**299.98**	**4797.9**
Stddev	.40891	.2118	.54	30.7
%RSD	205.06	4.6609	.18004	.63951
#1	-.08974	-4.6937	299.60	4776.2
#2	.48855	-4.3942	300.37	4819.6
Check ?	None	None	None	None
Value				
Range				

Sample Name: Z0008725-01A Acquired: 12/4/2007 15:20:50 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24M8A 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	**6369.4**	**9974.1**	**121670.**	**32645.**
Stddev	16.1	28.9	830.	3305.
%RSD	.25311	.28977	.68252	10.124
#1	6380.8	9994.6	122260.	34982.
#2	6358.0	9953.7	121080.	30308.

Sample Name: 0008724-06 Acquired: 12/4/2007 15:23:41 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24Q1 Dilution: 5.5 Operator: SRV
Comment: PB

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	**223.01**	**13248.**	**1498.6**	**335.02**	**.71667**	**39114.**
Stddev	1.45	132.	20.0	2.67	.01220	810.
%RSD	.65090	.99789	1.3358	.79673	1.7026	2.0719
#1	224.04	13342.	1512.8	333.13	.72530	38541.
#2	221.99	13155.	1484.5	336.91	.70804	39687.
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	**237.97**	**10.634**	**39.874**	**3120.3**	**44104.**	**2669.1**
Stddev	3.34	.283	.120	16.2	551.	49.5
%RSD	1.4055	2.6643	.30133	.51766	1.2495	1.8549
#1	240.34	10.835	39.959	3131.7	43715.	2704.1
#2	235.61	10.434	39.789	3108.8	44494.	2634.1
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008724-06 Acquired: 12/4/2007 15:23:41 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24Q1 Dilution: 5.5 Operator: SRV
Comment: PB

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	**11623.**	**5860.1**	**1331.9**	**16.968**	**45676.**	**1296.0**
Stddev	158.	42.1	21.2	.060	420.	17.3
%RSD	1.3555	.71786	1.5948	.35222	.91981	1.3319
#1	11511.	5889.9	1316.9	17.010	45973.	1308.2
#2	11734.	5830.4	1346.9	16.926	45379.	1283.8
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	**18.211**	**8.3786**	**43.416**	**52051.**
Stddev	.079	.5454	.067	407.
%RSD	.43641	6.5090	.15529	.78124
#1	18.268	8.7643	43.464	52338.
#2	18.155	7.9930	43.369	51763.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008724-06 Acquired: 12/4/2007 15:23:41 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24Q1 Dilution: 5.5 Operator: SRV
Comment: PB

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	**6638.7**	**9392.4**	**109770.**	**26893.**
Stddev	51.6	114.4	609.	465.
%RSD	.77752	1.2182	.55522	1.7291
#1	6602.2	9311.5	109340.	27222.
#2	6675.2	9473.3	110200.	26564.

Sample Name: Z0008724-06 Acquired: 12/4/2007 15:26:31 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24Q1 Dilution: 4.2 Operator: SRV
Comment: ZN

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	**264.55**	**15207.**	**1829.1**	**397.23**	**.89026**	**47161.**
Stddev	.03	158.	5.5	3.07	.02899	406.
%RSD	.01039	1.0378	.29807	.77163	3.2564	.86058
#1	264.54	15318.	1833.0	399.40	.91076	47448.
#2	264.57	15095.	1825.2	395.07	.86976	46874.
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	**290.37**	**12.227**	**44.767**	**3798.2**	**51835.**	**2860.8**
Stddev	.81	.042	.343	1.2	531.	11.0
%RSD	.27843	.34594	.76567	.03176	1.0243	.38550
#1	290.95	12.197	45.010	3799.0	52210.	2868.6
#2	289.80	12.257	44.525	3797.3	51460.	2853.0
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: Z0008724-06 Acquired: 12/4/2007 15:26:31 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24Q1 Dilution: 4.2 Operator: SRV
Comment: ZN

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	**13951.**	**6877.7**	**1630.7**	**19.373**	**55532.**	**1581.8**
Stddev	145.	18.5	3.6	.296	266.	1.8
%RSD	1.0359	.26894	.22290	1.5303	.47981	.11241
#1	14053.	6890.8	1633.3	19.583	55721.	1583.1
#2	13849.	6864.7	1628.1	19.163	55344.	1580.6
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	**22.765**	**10.098**	**48.048**	**61415.**
Stddev	.293	.966	.007	516.
%RSD	1.2856	9.5684	.01495	.83947
#1	22.971	9.4149	48.043	61779.
#2	22.558	10.781	48.053	61050.
Check ?	None	None	None	None
Value				
Range				

Sample Name: Z0008724-06 Acquired: 12/4/2007 15:26:31 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZMH24Q1 Dilution: 4.2 Operator: SRV
Comment: ZN

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	**6746.2**	**9543.3**	**114600.**	**27674.**
Stddev	33.9	33.0	257.	162.
%RSD	.50275	.34629	.22448	.58418
#1	6722.2	9520.0	114790.	27559.
#2	6770.1	9566.7	114420.	27788.

Sample Name: BLANK Acquired: 12/4/2007 15:29:21 Type: Unk
Method: TAL20071204B 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	**.67768**	**15.480**	**-.75156**	**-.20989**	**-.04784**	**2.1497**
Stddev	.33247	2.587	.63154	.09613	.01081	1.0119
%RSD	49.060	16.711	84.030	45.802	22.597	47.071
#1	.44259	13.651	-.30499	-.27786	-.04020	1.4342
#2	.91277	17.309	-1.1981	-.14191	-.05549	2.8652
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	**.24846**	**-.26087**	**.04575**	**-.69636**	**15.854**	**68.594**
Stddev	.01674	.13232	.14658	.26028	2.303	5.747
%RSD	6.7356	50.720	320.38	37.378	14.527	8.3780
#1	.26029	-.16731	-.05790	-.88041	14.225	64.530
#2	.23663	-.35443	.14940	-.51231	17.482	72.657
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 12/4/2007 15:29:21 Type: Unk
Method: TAL20071204B 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	**3.5812**	**.59474**	**5.8271**	**-.53434**	**5.0963**	**2.2937**
Stddev	7.3400	.02683	.8444	.18311	1.2428	.4362
%RSD	204.96	4.5120	14.491	34.269	24.386	19.019
#1	8.7713	.57577	6.4242	-.66382	5.9750	2.6022
#2	-1.6089	.61372	5.2300	-.40486	4.2175	1.9852
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	**1.0445**	**-2.7576**	**.26219**	**2.6056**
Stddev	.2468	1.0637	.14005	.3625
%RSD	23.625	38.573	53.415	13.914
#1	1.2190	-2.0054	.16316	2.8620
#2	.87002	-3.5097	.36122	2.3493
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 12/4/2007 15:29:21 Type: Unk
Method: TAL20071204B 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	**6795.7**	**9316.4**	**117850.**	**33330.**
Stddev	28.2	10.0	3626.	1820.
%RSD	.41549	.10780	3.0765	5.4617
#1	6815.7	9323.5	120410.	34617.
#2	6775.8	9309.3	115290.	32043.

Sample Name: CCV Acquired: 12/4/2007 15:32:04 Type: QC
Method: TAL20071204B 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	**620.76**	**5365.0**	**247.46**	**5286.6**	**130.92**	**13538.**
Stddev	.22	18.2	2.15	13.5	.31	60.
%RSD	.03624	.33997	.86737	.25611	.23645	.44632
#1	620.92	5377.9	248.98	5296.2	131.14	13581.
#2	620.61	5352.1	245.95	5277.0	130.70	13495.
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	**123.83**	**1268.2**	**504.85**	**625.72**	**2623.6**	**13164.**
Stddev	1.24	12.7	.94	.66	8.8	46.
%RSD	1.0053	.99768	.18602	.10623	.33560	.35249
#1	124.71	1277.1	505.51	626.19	2629.8	13197.
#2	122.95	1259.2	504.18	625.25	2617.4	13131.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/4/2007 15:32:04 Type: QC
Method: TAL20071204B 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	**13296.**	**1295.5**	**13308.**	**1294.2**	**263.90**	**1208.8**
Stddev	26.	1.0	31.	12.1	6.22	12.6
%RSD	.19312	.07992	.23276	.93230	2.3579	1.0386
#1	13314.	1296.2	13330.	1302.7	268.30	1217.6
#2	13277.	1294.8	13286.	1285.6	259.50	1199.9
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	**242.78**	**253.29**	**1243.6**	F **1332.2**
Stddev	1.63	1.16	2.2	15.6
%RSD	.67155	.45991	.17541	1.1731
#1	243.93	254.12	1245.2	1343.2
#2	241.63	252.47	1242.1	1321.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				1200.0
Range				10.000%

Sample Name: CCV Acquired: 12/4/2007 15:32:04 Type: QC
Method: TAL20071204B 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	**6726.3**	**9296.7**	**109240.**	**26118.**
Stddev	32.1	55.0	460.	5.
%RSD	.47757	.59211	.42123	.02059
#1	6703.6	9257.7	109570.	26121.
#2	6749.0	9335.6	108920.	26114.

Sample Name: CCB Acquired: 12/4/2007 15:34:41 Type: QC
Method: TAL20071204B 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	**1.1430**	**12.070**	**.60023**	**3.5942**	**.10544**	**13.345**
Stddev	.2007	3.208	.13409	.2328	.00032	2.284
%RSD	17.558	26.576	22.340	6.4784	.30227	17.111
#1	1.2849	9.8015	.69505	3.4295	.10521	11.731
#2	1.0011	14.338	.50541	3.7588	.10566	14.960
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	**.20391**	**1.5665**	**.62838**	**-.46726**	**5.5227**	**48.906**
Stddev	.08447	.2158	.26612	.38186	.0175	16.471
%RSD	41.428	13.777	42.351	81.723	.31741	33.679
#1	.14417	1.7191	.81656	-.19724	5.5103	37.259
#2	.26364	1.4139	.44020	-.73727	5.5351	60.552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/4/2007 15:34:41 Type: QC
Method: TAL20071204B 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	**20.084**	**1.2577**	**4.5192**	**1.2853**	**5.4512**	**3.5177**
Stddev	15.357	.1218	2.7811	.2321	.0293	.2468
%RSD	76.463	9.6844	61.541	18.058	.53686	7.0146
#1	30.942	1.1715	2.5526	1.4494	5.4719	3.6922
#2	9.2248	1.3438	6.4858	1.1212	5.4305	3.3432
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	**-.07028**	**-.38051**	**1.5999**	**5.9599**
Stddev	.65533	1.9310	.0796	.8198
%RSD	932.50	507.47	4.9737	13.755
#1	.39311	.98490	1.5436	6.5395
#2	-.53366	-1.7459	1.6562	5.3802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/4/2007 15:34:41 Type: QC
Method: TAL20071204B 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	**7113.5**	**9728.6**	**117060.**	**28143.**
Stddev	13.1	14.9	219.	601.
%RSD	.18405	.15287	.18680	2.1371
#1	7122.8	9739.1	117220.	28568.
#2	7104.3	9718.1	116910.	27718.

Sample Name: 0008724-13 Acquired: 12/4/2007 15:37:26 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24Q8 Dilution: 5.0 Operator: SRV
Comment: PB

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	**181.93**	**10953.**	**1295.4**	**280.22**	**.66391**	**34872.**
Stddev	.48	133.	6.1	3.94	.07067	384.
%RSD	.26432	1.2166	.46864	1.4050	10.645	1.1026
#1	182.27	10859.	1299.7	277.44	.61393	34600.
#2	181.59	11047.	1291.1	283.00	.71388	35144.
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	**209.24**	**8.0884**	**32.144**	**2685.9**	**38069.**	**2062.3**
Stddev	.25	.1081	.633	2.4	463.	5.6
%RSD	.12011	1.3368	1.9679	.08795	1.2161	.27149
#1	209.42	8.0120	31.696	2687.6	37742.	2066.3
#2	209.06	8.1649	32.591	2684.2	38397.	2058.4
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008724-13 Acquired: 12/4/2007 15:37:26 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24Q8 Dilution: 5.0 Operator: SRV
Comment: PB

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	**10319.**	**4790.7**	**1185.1**	**13.757**	**40387.**	**1119.0**
Stddev	95.	29.8	9.5	.006	103.	3.9
%RSD	.91708	.62172	.80454	.04156	.25514	.35025
#1	10252.	4769.6	1178.3	13.761	40460.	1121.8
#2	10386.	4811.8	1191.8	13.753	40314.	1116.3
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	**16.182**	**6.8657**	**34.206**	**46421.**
Stddev	.568	.1889	.155	63.
%RSD	3.5072	2.7519	.45318	.13625
#1	16.584	6.7321	34.097	46466.
#2	15.781	6.9993	34.316	46376.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008724-13 Acquired: 12/4/2007 15:37:26 Type: Unk
Method: TAL20071204B Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24Q8 Dilution: 5.0 Operator: SRV
Comment: PB

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	**6772.9**	**9522.5**	**114590.**	**27479.**
Stddev	17.6	21.2	101.	70.
%RSD	.26005	.22241	.08786	.25391
#1	6760.4	9507.5	114660.	27528.
#2	6785.3	9537.5	114510.	27429.

Sample Name: BLANK Acquired: 12/4/2007 15:40:16 Type: Unk
Method: TAL20071204B 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	**.48206**	**14.097**	**-1.0115**	**-.16722**	**-.05713**	**4.5350**
Stddev	.19943	2.812	.4839	.14047	.03111	.5300
%RSD	41.372	19.945	47.842	84.002	54.452	11.687
#1	.62308	12.109	-.66929	-.06789	-.03513	4.1602
#2	.34103	16.085	-1.3536	-.26654	-.07912	4.9098
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	**.27395**	**-.28752**	**.40317**	**-.57244**	**19.115**	**48.295**
Stddev	.01938	.08984	.01788	.18942	.525	4.692
%RSD	7.0743	31.244	4.4360	33.089	2.7463	9.7151
#1	.28765	-.22400	.39053	-.70638	18.744	51.613
#2	.26025	-.35105	.41582	-.43850	19.486	44.977
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 12/4/2007 15:40:16 Type: Unk
Method: TAL20071204B 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	**3.2999**	**.98721**	**5.7634**	**-.66390**	**7.0673**	**2.4800**
Stddev	6.7730	.01205	1.3494	.09883	.0508	.5041
%RSD	205.25	1.2204	23.414	14.886	.71872	20.326
#1	8.0891	.99573	6.7176	-.73378	7.0313	2.1236
#2	-1.4894	.97869	4.8092	-.59401	7.1032	2.8365
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	**1.3701**	**-3.6971**	**.55088**	**6.0069**
Stddev	1.0715	1.8446	.09426	.7234
%RSD	78.205	49.894	17.112	12.043
#1	2.1277	-5.0015	.61754	5.4954
#2	.61244	-2.3928	.48423	6.5184
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 12/4/2007 15:40:16 Type: Unk
Method: TAL20071204B 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	**6766.0**	**9302.9**	**116650.**	**32927.**
Stddev	7.1	16.6	3772.	1316.
%RSD	.10532	.17854	3.2335	3.9960
#1	6761.0	9291.2	119310.	33858.
#2	6771.1	9314.6	113980.	31997.

Sample Name: BLANK Acquired: 12/4/2007 15:43:01 Type: Unk
Method: TAL20071204B 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	**1.2765**	**16.341**	**-48.200**	**.00059**	**-.04160**	**5.1803**
Stddev	.4986	.630	22.150	.03752	.04318	1.9710
%RSD	39.065	3.8568	45.953	6342.6	103.80	38.047
#1	.92386	16.787	-32.538	.02712	-.07213	3.7866
#2	1.6291	15.896	-63.862	-.02594	-.01107	6.5740
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	**-2.5830**	**-.90872**	**-.12196**	**.34732**	**20.986**	**5.8840**
Stddev	1.6543	.29350	.74169	.36609	2.687	7.1223
%RSD	64.046	32.298	608.14	105.40	12.803	121.05
#1	-1.4132	-.70118	.40250	.60619	19.086	10.920
#2	-3.7527	-1.1163	-.64642	.08846	22.886	.84777
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 12/4/2007 15:43:01 Type: Unk
Method: TAL20071204B 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	**3.3961**	**.94402**	**.38351**	**-10.393**	**13.327**	**34.913**
Stddev	5.1807	.03462	8.3766	4.830	.242	20.135
%RSD	152.55	3.6669	2184.2	46.472	1.8180	57.671
#1	-.26716	.96850	6.3067	-6.9780	13.498	20.676
#2	7.0594	.91954	-5.5397	-13.809	13.155	49.150
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	**94.124**	**-20.957**	**.50751**	**6.8890**
Stddev	40.667	.045	.04419	.8619
%RSD	43.206	.21643	8.7066	12.511
#1	65.368	-20.989	.47626	6.2796
#2	122.88	-20.925	.53875	7.4985
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 12/4/2007 15:43:01 Type: Unk
Method: TAL20071204B 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	**6027.8**	**8409.1**	**106900.**	**28295.**
Stddev	106.5	154.2	1685.	2782.
%RSD	1.7666	1.8334	1.5761	9.8332
#1	6103.1	8518.1	108090.	30262.
#2	5952.5	8300.1	105710.	26327.

Sample Name: ZCRI Acquired: 12/4/2007 15:45:38 Type: QC
Method: TAL20071204B 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	**11.508**	**10.717**	**10.482**	**.07431**	**5.5032**	**8.0067**
Stddev	.148	5.152	.795	.13785	.3779	1.8160
%RSD	1.2845	48.076	7.5821	185.52	6.8667	22.681
#1	11.404	7.0741	9.9205	-.02317	5.2360	6.7226
#2	11.613	14.361	11.044	.17178	5.7704	9.2908
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	**5.2690**	**56.564**	**11.378**	**26.380**	**7.5669**	**20.572**
Stddev	.0315	.277	.107	.018	2.3395	.410
%RSD	.59803	.49041	.93620	.06832	30.917	1.9938
#1	5.2912	56.760	11.303	26.393	5.9127	20.282
#2	5.2467	56.368	11.454	26.367	9.2212	20.863
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 12/4/2007 15:45:38 Type: QC
Method: TAL20071204B 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	**11.099**	**18.111**	**-8.1217**	**46.327**	F **16.906**	**61.906**
Stddev	4.826	.086	16.539	.826	.491	1.192
%RSD	43.486	.47472	203.64	1.7834	2.9059	1.9251
#1	7.6861	18.051	3.5733	46.911	17.253	62.749
#2	14.512	18.172	-19.817	45.743	16.558	61.063
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	**33.123**	**26.967**	**55.123**	**71.259**
Stddev	.539	.166	.026	1.172
%RSD	1.6270	.61634	.04639	1.6446
#1	33.504	26.849	55.141	72.088
#2	32.742	27.085	55.105	70.430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 12/4/2007 15:45:38 Type: QC
Method: TAL20071204B 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	**6931.6**	**9466.2**	**111210.**	**27102.**
Stddev	30.3	56.2	455.	1562.
%RSD	.43777	.59321	.40908	5.7642
#1	6910.2	9426.5	110890.	28206.
#2	6953.1	9505.9	111540.	25997.

Sample Name: CRI Acquired: 12/4/2007 15:48:16 Type: QC
Method: TAL20071204B 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	**10.460**	**15.775**	**9.7385**	**-.03742**	**5.4400**	**7.3748**
Stddev	.234	1.527	.1015	.08140	.0203	.9150
%RSD	2.2356	9.6832	1.0420	217.54	.37355	12.407
#1	10.294	14.694	9.6668	.02014	5.4257	6.7278
#2	10.625	16.855	9.8103	-.09498	5.4544	8.0218
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	**4.9846**	**54.448**	**10.831**	**24.374**	**5.4784**	**3.4899**
Stddev	.0192	.056	.327	.017	1.0448	23.904
%RSD	.38443	.10340	3.0193	.07117	19.071	684.96
#1	4.9710	54.487	10.599	24.386	4.7397	-13.413
#2	4.9981	54.408	11.062	24.362	6.2172	20.393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 12/4/2007 15:48:16 Type: QC
Method: TAL20071204B 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	**23.075**	**16.610**	**-8.2009**	**44.831**	**14.315**	**60.240**
Stddev	2.280	.022	1.4891	.197	.385	.776
%RSD	9.8797	.13034	18.158	.44012	2.6888	1.2885
#1	24.687	16.594	-7.1479	44.971	14.588	59.691
#2	21.463	16.625	-9.2538	44.692	14.043	60.788
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	**31.172**	**25.664**	**51.472**	**67.617**
Stddev	.064	.494	.310	.100
%RSD	.20452	1.9246	.60155	.14857
#1	31.217	26.013	51.253	67.689
#2	31.127	25.314	51.691	67.546
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 12/4/2007 15:48:16 Type: QC
Method: TAL20071204B 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	**7141.3**	**9754.2**	**117400.**	**27460.**
Stddev	11.3	7.2	392.	221.
%RSD	.15788	.07428	.33382	.80400
#1	7133.3	9749.1	117670.	27616.
#2	7149.3	9759.3	117120.	27303.

Sample Name: ICSA Acquired: 12/4/2007 15:50:56 Type: QC
Method: TAL20071204B 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	**.56094**	**267060.**	**-.79659**	**-3.2654**	**1.5370**	**262200.**
Stddev	.35140	2052.	.55629	.1198	.0086	272.
%RSD	62.645	.76845	69.834	3.6694	.55621	.10370
#1	.80941	265610.	-1.1900	-3.1807	1.5430	262010.
#2	.31246	268510.	-.40323	-3.3501	1.5310	262390.
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	**2.1133**	**3.1836**	**45.043**	**23.079**	**99469.**	**-86.670**
Stddev	.0689	.2673	.574	.225	691.	22.621
%RSD	3.2626	8.3948	1.2751	.97388	.69489	26.100
#1	2.0646	3.3726	45.449	23.238	98980.	-102.67
#2	2.1621	2.9947	44.637	22.920	99957.	-70.675
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 12/4/2007 15:50:56 Type: QC
Method: TAL20071204B 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	**265230.**	**15.816**	**805.02**	**19.238**	**16.104**	**-1.6541**
Stddev	1811.	.241	7.14	.072	3.262	1.0806
%RSD	.68283	1.5234	.88633	.37348	20.257	65.329
#1	263950.	15.987	810.06	19.289	18.411	-2.4182
#2	266510.	15.646	799.97	19.187	13.798	-.88998
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	**-7.2101**	**-2.9502**	**-.34772**	**26.427**
Stddev	.3028	.5642	.08064	.224
%RSD	4.1997	19.124	23.190	.84614
#1	-7.4242	-3.3492	-.40474	26.585
#2	-6.9960	-2.5512	-.29070	26.269
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 12/4/2007 15:50:56 Type: QC
Method: TAL20071204B 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	**6149.8**	**8871.0**	**106480.**	**26457.**
Stddev	12.3	23.6	65.	167.
%RSD	.19946	.26573	.06124	.63278
#1	6141.2	8854.3	106440.	26575.
#2	6158.5	8887.7	106530.	26338.

Sample Name: ICSAB Acquired: 12/4/2007 15:53:39 Type: QC
Method: TAL20071204B 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	**205.85**	**257590.**	**96.522**	**528.90**	**501.22**	**251420.**
Stddev	.73	4983.	.808	10.32	10.03	2720.
%RSD	.35618	1.9345	.83734	1.9508	2.0018	1.0816
#1	205.33	254070.	97.093	521.60	494.13	249500.
#2	206.37	261120.	95.950	536.19	508.32	253350.
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	**967.25**	**507.13**	**528.01**	**522.82**	**96288.**	**-39.232**
Stddev	.47	1.14	.46	1.48	1883.	9.857
%RSD	.04902	.22470	.08666	.28325	1.9551	25.124
#1	967.58	507.93	527.69	521.77	94957.	-32.263
#2	966.91	506.32	528.33	523.86	97619.	-46.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 12/4/2007 15:53:39 Type: QC
Method: TAL20071204B 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	**253320.**	**519.91**	**780.34**	**1054.1**	**60.560**	**589.01**
Stddev	4735.	.39	19.38	2.6	.828	1.88
%RSD	1.8692	.07479	2.4829	.24249	1.3675	.31972
#1	249970.	519.64	766.64	1055.9	61.145	587.68
#2	256670.	520.19	794.04	1052.3	59.974	590.35
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	**51.136**	**96.993**	**485.60**	**1072.0**
Stddev	3.351	.837	.77	3.1
%RSD	6.5528	.86248	.15880	.29076
#1	53.505	97.585	485.06	1074.2
#2	48.767	96.402	486.15	1069.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 12/4/2007 15:53:39 Type: QC
Method: TAL20071204B 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	**6145.2**	**8839.4**	**105970.**	**26900.**
Stddev	16.4	18.5	127.	208.
%RSD	.26654	.20953	.11992	.77365
#1	6133.6	8826.3	106060.	27047.
#2	6156.7	8852.5	105880.	26753.

Sample Name: CCV Acquired: 12/4/2007 15:56:20 Type: QC
Method: TAL20071204B 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	**582.85**	**4938.5**	**238.50**	**4823.4**	**119.52**	**12269.**
Stddev	.25	271.9	1.60	257.2	6.17	653.
%RSD	.04256	5.5052	.66953	5.3332	5.1634	5.3195
#1	583.03	4746.3	237.37	4641.5	115.15	11808.
#2	582.68	5130.8	239.63	5005.3	123.88	12731.
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	**118.83**	**1211.9**	**478.00**	**578.20**	**2411.0**	**12036.**
Stddev	.66	6.5	1.49	1.07	132.0	600.
%RSD	.55270	.53930	.31114	.18564	5.4754	4.9825
#1	118.37	1207.3	476.95	577.44	2317.7	11612.
#2	119.30	1216.5	479.05	578.96	2504.4	12460.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/4/2007 15:56:20 Type: QC
Method: TAL20071204B 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	**11898.**	**1206.9**	**11933.**	**1242.8**	**242.62**	**1160.4**
Stddev	668.	1.6	626.	7.2	.06	7.2
%RSD	5.6179	.13141	5.2487	.58104	.02319	.62376
#1	11425.	1205.7	11490.	1237.7	242.58	1155.2
#2	12371.	1208.0	12376.	1247.9	242.66	1165.5
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	**231.65**	**242.14**	**1150.3**	**1272.4**
Stddev	1.71	1.92	.6	6.6
%RSD	.73893	.79222	.05505	.51758
#1	230.44	240.78	1149.9	1267.7
#2	232.86	243.50	1150.8	1277.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 12/4/2007 15:56:20 Type: QC
Method: TAL20071204B 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	**6895.5**	**9542.5**	**114340.**	**28191.**
Stddev	26.1	42.2	602.	1147.
%RSD	.37798	.44173	.52684	4.0673
#1	6913.9	9572.3	114760.	29002.
#2	6877.0	9512.7	113910.	27381.

Sample Name: CCB Acquired: 12/4/2007 15:58:57 Type: QC
Method: TAL20071204B 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	**1.5187**	**36.168**	**-.20123**	**3.1631**	**.14340**	**28.618**
Stddev	.3109	3.112	.15932	.0109	.02522	1.587
%RSD	20.474	8.6049	79.172	.34410	17.590	5.5464
#1	1.7386	38.369	-.08858	3.1554	.12556	27.496
#2	1.2988	33.967	-.31389	3.1708	.16123	29.740
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	**.22990**	**.99619**	**.39414**	**-.36879**	**9.8157**	**45.157**
Stddev	.05961	.01805	.11755	.01804	.5120	14.248
%RSD	25.929	1.8122	29.824	4.8907	5.2162	31.553
#1	.18775	.98343	.31102	-.38154	9.4537	55.232
#2	.27205	1.0090	.47726	-.35603	10.178	35.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 12/4/2007 15:58:57 Type: QC
Method: TAL20071204B 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	**35.170**	**.91270**	**1.3887**	**.87948**	**1.7350**	**3.1993**
Stddev	3.320	.04749	9.0722	.12576	.4673	1.2664
%RSD	9.4404	5.2033	653.28	14.300	26.934	39.585
#1	32.822	.87912	7.8038	.96841	1.4046	4.0948
#2	37.518	.94628	-5.0263	.79055	2.0654	2.3038
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	**.74168**	**-.66690**	**1.3736**	**2.0653**
Stddev	.04009	.34725	.0402	.1044
%RSD	5.4047	52.069	2.9298	5.0527
#1	.77003	-.91245	1.3452	2.1391
#2	.71334	-.42136	1.4021	1.9915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 12/4/2007 15:58:57 Type: QC
Method: TAL20071204B 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	**7088.2**	**9671.0**	**115340.**	**27608.**
Stddev	6.8	18.2	173.	490.
%RSD	.09651	.18834	.15037	1.7752
#1	7093.0	9683.9	115220.	27955.
#2	7083.3	9658.1	115470.	27262.

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: TEM05.4
Prep Start Date &Time: 11/24/07 : 13:00
Prep End Date &Time: 11/24/07 : 15:00
HCl ID (conc. / 1 :1): 637-117-07

SOP: 2SD001
LCS ID: A6M6030
MS ID: commercial
HNO_3 ID (conc. / 1 :1): 637-116-07

Circle One: (Total) / Dissolved
Prep Code: HS2
Temperature of Hot Block: 94 °C
H_2O_2 ID: FK01016

Sample Matrix: Soil
Prep Batch ID: ICPBLCR3
Thermometer ID: 1
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
ICPBLCR3	PBSR3	1.00	100	1	10	5/10	NA	NA	4	B/3	B/A	MF	
ICPLCSR3	LCSSR3	1.00					–						
0008728-01	MH24H8	1.03					NA			10/3		M	
-01D	H8D	1.03											
-01S	H8S	1.03						comm					0.8ml 637-117-07 2.0ml A6A505
-02	H9	1.01											
-03	J0	1.00											
-04	J1	1.08											
-05	J2	1.10											
-06	J3	1.12											
-07	J4	1.10											
-08	J5	1.14											
-09	J6	1.08											

Spiked by: SK
Spike verified By: RW
Digested By: SK
Received for analysis by/Date: RW 11/24/07
Reviewed by/Date: RW 11/24/07

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 305
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
Prep Start Date &Time: 11/24/07 13:00
Prep End Date &Time: 11/24/07 15:00
HCl ID (conc. / 1 :1): 637-117-07

SOP: 2SOP01
LCS ID: AB06030
MS ID: comments
HNO_3 ID (conc. / 1 :1) : 687-116-07

Circle One: Total / Dissolved
Prep Code: HS2
Temperature of Hot Block: 94 °C
H_2O_2 ID : A601016

Sample Matrix: Soil
Prep Batch ID: JCPBLKR3
Thermometer ID: 1
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
0008728-10	MH24J7	1.08	100	1	10	5/10	NA	NA	4	10/3	B/A	M	
-11	J8	1.06											
-12	J9	1.10											
-13	K0	1.13											
-14	K1	1.07											
-15	K2	1.09											
-16	K3	1.16											
-17	K4	1.10											
-18	K5	1.11											
-19	K6	1.09											
-20	K7	1.08											

Spiked by: BK
Spike verified By: BW
Digested By: BK
Received for analysis by/Date: BW 11/24/07
Reviewed by/Date : BW 11/24/07

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: 12/03/07 START TIME: 07:21 END DATE: 12/03/07 END TIME: 11:45
SEQUENCE: TAL 20071203 B CALIBRATION ID: _____ ANALYTICAL METHOD: ILM05.4
SOP: 25P06 CAL STD ID 686-63-07 ICV/CCV ID: 686-65-07/686-64-07
ICB/CCB ID: 686-62-07 CRI ID: 686-66-07 2% HNO3 ID: 686-62-07
ICSA ID: 686-67-07 ICSAB ID: 686-67-07 ISTD ID: 686-68-07

CLIENT SAMPLE ID	LAB SAMPLE ID	DILUTION	PREP BATCH ID	COMMENTS
see attached computer generated printout				
samples analyzed: 0008728-01 to 0008728-20				
Dilutions:	0008728-07			
	0008728-15	→ Fe → 1.3%	→ 7.7 ml of digestate +	
	0008728-17		2.3 ml of 2% HNO3	

NOTES: _____

ANALYST/DATE: BW 12/03/07. REVIEWER/DATE: BB 12/03/07

00000325

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

Instrument Run Log

Instrument ID:

Runlog,Logbook (RCN#/Page#): 665-0716/110 Analyst/Date: SW 12/04/07.

Method: ILM05.4 SOP: 2S-906. Reviewer/Date: RPP 12/04/07.

Sequence: TAL 20071203B # SW 12/04/07. Analysis Start: 12/3/07 14:57:51

Data File: TA2 20071203B Analysis End: 12/3/07 18:25:10

No	Lab Sample	Client Sample	Date	Time	D/F	In2306	Y_2243	Y_3600	Y_3710	Comments
0	S0	S0	12/03/07	14:57:51	1	100	100	100	100	
0	S	S	12/03/07	15:00:34	1	95	98	97	101	
0	ICV1	ICV	12/03/07	15:03:18	1	97	98	98	99	
0	ICB1	ICB	12/03/07	15:05:51	1	100	99	98	99	
0	CRDL1	CRI	12/03/07	15:08:34	1	100	98	98	100	
0	ICS-A1	ICSA	12/03/07	15:11:14	1	85	90	89	99	
0	ICS-AB1	ICSAB	12/03/07	15:13:57	1	86	90	89	93	
0	CCV1	CCV	12/03/07	15:16:39	1	93	94	96	102	
0	CCB1	CCB	12/03/07	15:19:15	1	99	98	97	103	
0	ICPBLKR3	PBSR3	12/03/07	15:22:00	1	99	98	98	101	
0	ICPLCSR3	LCSSR3	12/03/07	15:24:45	1	80	85	86	99	
0	0008728-01	MH24H8	12/03/07	15:27:32	1	90	104	103	114	
0	0008728-01D	MH24H8D	12/03/07	15:30:23	1	90	104	103	109	
0	0008728-01S	MH24H8S	12/03/07	15:33:15	1	88	104	104	110	
0	0008728-01L	MH24H8L	12/03/07	15:36:11	5	99	103	103	105	
0	0008728-02	MH24H9	12/03/07	15:38:51	1	86	103	101	112	
0	0008728-03	MH24J0	12/03/07	15:41:42	1	87	107	106	117	
0	0008728-04	MH24J1	12/03/07	15:44:31	1	88	105	105	115	
0	BLANK	BLANK	12/03/07	15:47:21	1	94	95	94	108	
0	CCV2	CCV	12/03/07	15:50:04	1	101	104	103	98	
0	CCB2	CCB	12/03/07	15:52:41	1	102	103	103	101	
0	0008728-05	MH24J2	12/03/07	15:55:25	1	87	104	104	111	
0	0008728-06	MH24J3	12/03/07	15:58:16	1	86	106	105	115	
0	0008728-07	MH24J4	12/03/07	16:01:05	1	88	106	105	115	
0	0008728-08	MH24J5	12/03/07	16:03:54	1	87	105	106	111	
0	0008728-09	MH24J6	12/03/07	16:06:43	1	87	107	106	116	
0	BLANK	BLANK	12/03/07	16:09:31	1	94	96	95	112	
0	ZCRI	ZCRI	12/03/07	16:12:15	1	104	105	105	98	
0	CRDL2	CRI	12/03/07	16:14:55	1	102	103	102	105	
0	ICS-A2	ICSA	12/03/07	16:17:35	1	87	94	95	99	

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

Instrument Run Log

Instrument ID:

Runlog,Logbook (RCN#/Page#): 665-0716 / 110 · Analyst/Date: SW 12/04/07

Method: ILM05.4 SOP: 280806 · Reviewer/Date: BRP 12/04/07 ·

Sequence: TAL 20071203B Analysis Start: 12/03/07 14:57

Data File: TAL 20071203B · Analysis End: 12/03/07 18:25 ·

No	Lab Sample	Client Sample	Date	Time	D/F	In2306	Y_2243	Y_3600	Y_3710	Comments
0	ICS-AB2	ICSAB	12/03/07	16:20:20	1	86	93	94	98	
0	CCV3	CCV	12/03/07	16:23:05	1	95	97	101	98	
0	CCB3	CCB	12/03/07	16:25:41	1	100	101	102	100	
0	0008728-10	MH24J7	12/03/07	16:28:26	1	85	102	103	116	
0	0008728-11	MH24J8	12/03/07	16:31:17	1	89	105	105	118	
0	0008728-12	MH24J9	12/03/07	16:34:07	1	89	104	104	114	
0	0008728-13	MH24K0	12/03/07	16:36:58	1	88	103	102	114	
0	0008728-14	MH24K1	12/03/07	16:39:48	1	86	103	103	118	
0	0008728-15	MH24K2	12/03/07	16:42:38	1	88	105	103	117	
0	0008728-16	MH24K3	12/03/07	16:45:28	1	88	103	102	114	
0	0008728-17	MH24K4	12/03/07	16:48:19	1	89	104	103	115	
0	0008728-18	MH24K5	12/03/07	16:51:09	1	87	103	102	113	
0	BLANK	BLANK	12/03/07	16:53:58	1	94	95	94	113	
0	CCV4	CCV	12/03/07	16:56:41	1	101	103	102	100	
0	CCB4	CCB	12/03/07	16:59:16	1	102	103	101	105	
0	0008728-19	MH24K6	12/03/07	17:02:02	1	88	105	104	116	
0	0008728-20	MH24K7	12/03/07	17:04:53	1	88	103	103	113	
0	0008728-03	MH24J0	12/03/07	17:07:44	1.3	89	107	105	118	
0	0008728-15	MH24K2	12/03/07	17:10:33	1.3	91	106	106	118	
0	0008728-17	MH24K4	12/03/07	17:13:24	1.3	91	106	105	117	
0	BLANK	BLANK	12/03/07	17:16:13	1	94	95	95	114	
0	ZCRI	ZCRI	12/03/07	17:18:55	1	104	105	107	91	
0	CRDL3	CRI	12/03/07	17:21:35	1	102	104	103	105	
0	ICS-A3	ICSA	12/03/07	17:24:15	1	87	94	93	101	
0	ICS-AB3	ICSAB	12/03/07	17:26:59	1	87	94	94	102	
0	CCV5	CCV	12/03/07	17:29:39	1	98	102	100	101	
0	CCB5	CCB	12/03/07	17:32:15	1	102	103	102	97	
~~0~~	~~0008726-05~~	~~MH24E0~~	~~12/03/07~~	~~17:35:00~~	~~1.3~~	~~88~~	~~104~~	~~103~~	~~116~~	
0	0008726-06	MH24E1	12/03/07	17:37:51	1.3	90	106	105	116	
0	0008728-19	MH24K6	12/03/07	17:40:41	1.3	91	106	106	114	

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: 12/04/07 START TIME: 14:39 END DATE: 12/04/07 END TIME: 15:58
SEQUENCE: TAL20071204B1 CALIBRATION ID: _____ ANALYTICAL METHOD: ILM01.4
SOP: 2 SOP 6 CAL STD ID 686-63-07 ICV/CCV ID: 686-65-07 / 686-64-07
ICB/CCB ID: 686-62-07 CRI ID: 686-66-07 2% HNO3 ID: 686-82-07
ICSA ID: 686-67-07 ICSAB ID: 686-67-07 ISTD ID: 686-68-07

CLIENT SAMPLE ID	LAB SAMPLE ID	DILUTION	PREP BATCH ID	COMMENTS
see	attached	computer	generated	printout
~~sample analyzed~~	~~0008727-18~~	→ Fe →	~~1.3x~~ → 7.7 m	~~digestate~~ added
~~only for dilution~~			2.3 mL	of 2% HNO3
	0008727-19	→ Fe →	1.3x → 7.7 ml	D added
			2.3 ml	of 2% HNO3
	0008728-19	→ Fe →	1.3x →	same above
	0008726-05	→ Fe →	1.3x	all same above
	0008726-06	→ Fe →	1.3x	
	~~0008724-06~~	→ ~~Pd~~ →	~~5.0x~~ →	~~8.2 ml of Digestate~~
			add	1.8 ml 2% HNO3
	~~0008724-13~~	→ Pd →	5.0x →	8 ml of Digestate
			add	2 ml of 2% HNO3

NOTES :

ANALYST/DATE: GW 12/04/07 REVIEWER/DATE: RR 12/04/07

000000328

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

Instrument Run Log

Instrument ID:

Runlog,Logbook (RCN#/Page#): 665-0716 / 112
Analyst/Date: SNW 12/04/07
Method: ILM05.4
SOP: 28 of 06
Reviewer/Date: BPP 12/04/07
Sequence: TAL 2007 1204B 1
Analysis Start: 12/04/07 14:39:34
Data File:
Analysis End: 12/04/07 15:58:57

No	Lab Sample	Client Sample	Date	Time	D/F	In2306	Y_2243	Y_3600	Y_3710	Comments
0	S0	S0	12/04/07	14:39:34	1	100	100	100	100	
0	S	S	12/04/07	14:42:18	1	95	96	97	100	
0	ICV1	ICV	12/04/07	14:45:03	1	96	97	99	99	
0	ICB1	ICB	12/04/07	14:47:37	1	99	98	99	96	
0	CRDL1	CRI	12/04/07	14:50:21	1	97	97	98	87	
0	ICS-A1	ICSA	12/04/07	14:53:01	1	83	88	91	92	
0	ICS-AB1	ICSAB	12/04/07	14:55:45	1	83	88	91	92	
0	CCV1	CCV	12/04/07	14:58:27	1	93	96	97	96	
0	CCB1	CCB	12/04/07	15:01:03	1	95	97	98	95	
0	0008727-18	MH24L0	12/04/07	15:03:47	1.3	85	100	108	126 *	
0	0008727-19	MH24L1	12/04/07	15:06:37	1.3	87	102	105	117	
0	0008728-19	MH24K6	12/04/07	15:09:26	1.3	88	100	104	109	
0	0008726-05	MH24E0	12/04/07	15:12:18	1.3	86	102	106	120	
0	0008726-06	MH24E1	12/04/07	15:15:09	1.3	86	101	104	117	
0	Z0008724-01A	ZMH24H6A	12/04/07	15:18:01	1	84	100	104	122 *	
0	Z0008725-01A	ZMH24M8A	12/04/07	15:20:50	1	86	101	105	121 *	
0	0008724-06	MH24Q1	12/04/07	15:23:41	5.5	89	94	94	94	
0	Z0008724-06	ZMH24Q1	12/04/07	15:26:31	4.2	91	96	99	95	
0	BLANK	BLANK	12/04/07	15:29:21	1	92	94	104	120	
0	CCV2	CCV	12/04/07	15:32:04	1	91	94	95	90	
0	CCB2	CCB	12/04/07	15:34:41	1	96	98	101	99	
0	0008724-13	MH24Q8	12/04/07	15:37:26	5	91	96	99	95	
0	BLANK	BLANK	12/04/07	15:40:16	1	91	94	103	117	
0	BLANK	BLANK	12/04/07	15:43:01	1	83	86	93	105	
0	ZCRI	ZCRI	12/04/07	15:45:38	1	93	95	96	97	
0	CRDL2	CRI	12/04/07	15:48:16	1	96	99	102	95	
0	ICS-A2	ICSA	12/04/07	15:50:56	1	83	89	92	92	
0	ICS-AB2	ICSAB	12/04/07	15:53:39	1	83	89	92	93	
0	CCV3	CCV	12/04/07	15:56:20	1	93	97	99	100	
0	CCB3	CCB	12/04/07	15:58:57	1	96	98	99	97	

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:	686-62-07	**Analyst:**	SLT
Solution Name:	2% HNO_3		
Dilution Solvent #:	DI water		
Prep Date:	~~12/04/07~~ SLT 12/01/07 12/01/07	**Total Vol. (ml):**	2000
Expiration Date:	12/01/08		

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 12/01/07		

NOTES _____

REVIEWER (SIGN): SNO DATE: 12/01/07

00000330

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:	686-63-07	**Analyst:**	SLC
Solution Name:	Standard (AES)		
Dilution Solvent #:	2% HNO_3 (686-62-07)		
Prep Date:	12/01/07	**Total Vol. (ml):**	100
Expiration Date:	01/01/08.		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
CLP CAL S01A (A701003)	50-5000	500	0.25-25
S01B (A701006)	250	500	1.25
CAL2 (A701006)	1000	250	2.5
CAL3 (A605036)	1000-500	50	0.25-0.5

SLC
12/01/07

NOTES _____

REVIEWER (SIGN): _____ DATE: 12/01/07.

DDDDDD332

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:	686-64-07	**Analyst:**	SIT
Solution Name:	CCV (AES)		
Dilution Solvent #:	2% HNO_3 (686-62-07)		
Prep Date:	12/01/07	**Total Vol. (ml):**	100
Expiration Date:	01/01/08		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
CLP CAL SOIA (A701003)	50-5000	250	0.125-12.5
↓ SOIB (A701004)	250	250	0.625
CAL 2 (A701006)	1000	125	1.25
↓ 3 (A605036)	1000-500	25	0.125-0.25
	SIT 12/01/07		

NOTES _____

REVIEWER (SIGN): [signature] DATE: 12/01/07

00000334

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: 686-65-07	**Analyst:** SK
Solution Name: ICV (AES)	
Dilution Solvent #: 2% HNO_3 (686-62-07)	
Prep Date: 12/01/07	**Total Vol. (ml):** 100
Expiration Date: 01/01/07	

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
ICV (1201) (A708003)	4920-101,000	10	492-10180
	SK 12/01/07		

NOTES

REVIEWER (SIGN): SK DATE: 12/01/07.

00000336

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: 686-66-07 **Analyst:** SLT

Solution Name: CRI (AES)

Dilution Solvent #: 2% HNO_3 · (686-62-07)

Prep Date: 12/01/07 **Total Vol. (ml):** 200

Expiration Date: 01/01/08

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

SLT 12/01/07

NOTES

REVIEWER (SIGN): SW DATE: 12/01/07

00000338

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:	686-67-07	**Analyst:**	slt
Solution Name:	ICSA & ICSAB		
Dilution Solvent #:	2% HNO_3 (686-62-07)		
Prep Date:	12/01/07	**Total Vol. (ml):**	100 Each.
Expiration Date:	01/01/08		

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

slt
12/01/07

NOTES _____

REVIEWER (SIGN): Sae DATE: 12/01/07

00000034D

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:	686-68-07	**Analyst:**	SLT
Solution Name:	Internal standard (AES)		
Dilution Solvent #:	2% HNO_3 (686-62-07)		
Prep Date:	12/01/07	**Total Vol. (ml):**	2000
Expiration Date:	01/01/08		

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
	SLT 12/01/07		

NOTES _____

REVIEWER (SIGN): _____ DATE: 12/01/07

00000342

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: 11/20/07 TIME IN: 9:00 TEMP IN: 105C

DATE OUT (1): 11/21/07 TIME OUT (1): 8:00 TEMP OUT (1): 105C

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. SOM 1.2

Oven ID: A Thermometer ID: SKR2 RS 11/20/07

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
20	7110017BWP	MBUK65	1.820	–	1.819	N/A	N/A	–
37	8728-01	MH24H8	1.823	11.051	9.838			~~86.86~~ RS 11/21/07
49	-01D	H8D	1.936	11.177	9.955			~~86.77~~
31	-02	H9	1.797	11.057	9.913			~~86~~87.6 RS 11/21/07
43	-03	J0	1.834	11.374	10.439			90.2
45	-04	J1	1.800	11.065	10.120			89.8
54	-05	J2	1.799	11.107	10.176			90.0
22	-06	J3	1.853	11.190	10.101			88.3
14	-07	J4	1.780	11.178	10.006			87.5
16	-08	J5	1.804	11.164	9.736			84.7
40	-09	J6	1.834	11.401	10.248			87.9
17	-10	J7	1.808	11.619	9.845			81.9
19	-11	J8	1.808	11.628	10.350			87.0
38	-12	J9	1.836	11.242	9.754			84.2
1	-13	K0	1.807	11.240	9.569			82.3
18	-14	K1	1.942	11.035	9.631			84.6

Notes:

Analyst/Date: RS 11/21/07 Reviewer/Date: SW 11/21/07.

Final Dry Weight (F) is used when monitored final weights are consistent.
**Percent solids(G) ={(F-D)/(E-D)}*100

00000344

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: 11/20/07 TIME IN: 9:00 TEMP IN: 105°C

DATE OUT (1): 11/21/07 TIME OUT (1): 8:00 TEMP OUT (1): 105°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. SOM 1.2 RS 11/20/07

Oven ID: A Thermometer ID: SFR2

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
70	8728-15	MH24K2	1.823	11.032	9.984	N/A	N/A	88.6
51	-16	K3	1.839	11.315	10.105			87.2
33	-17	K4	1.839	11.713	10.486			87.6
26	-18	K5	1.801	11.244	10.288			89.9
5	-19	K6	1.823	11.551	9.727			81.2
47	-20	K7	1.803	11.110	10.019			88.2

Notes:

Analyst/Date: RS 11/21/07 Reviewer/Date: SW 11/21/07.

Final Dry Weight (F) is used when monitored final weights are consistent.
**Percent solids(G) ={(F-D)/(E-D)}*100

0000000345

36948 MH24FG
8723 11/16/07

FedEx Express **US Airbill**

FedEx Tracking Number 8631 9857 4806

Form ID No. 0200 **Recipient's Copy**

1 From

Date 11/15/07

Sender's Name Jonn Summers Phone 801 232 [illegible]

Company TERRA TECH

Address [illegible] TEMPLE

11/14/07 10:11

Dept./Floor/Suite/Room

City SLC State UT ZIP 84[illegible]

2 Your Internal Billing Reference

3 To

Recipient's Name Phone 18[illegible]

Company A4 Scientific

Recipient's Address 1544 Sunset Rd

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address Suite 505

To request a package be held at a specific FedEx location, print FedEx address here.

City Woodlands State TX ZIP 77380

8631 9857 4806

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
- [x] 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.
- [x] **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.

- [x] 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†
4	275	$ .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 #158281•©1994–2006 FedEx•PRINTED IN U.S.A. SRY

fedex.com 1800.GoFedEx 1800.463.3339

Designate: Comp. Grab

Preservative: Yes ☐ No ☐

Station No. | Month/Day/Year | Time

Project Code

Station I

Case No:36948 Richardson Flat Tailin

0723-01

Sample ID: UE01-64A-0.5
Date: 11/8/2007 Time:08:10

Sample No: MH24H8
Analysis: TM

Tag No. 8-241665

Lab Sample No.

Designate: Grab

Preservative: Yes ☐ No ☐

ANALYSES

Station No. | Month/Day/Year | Time

Project Code

0723-02

Case No:36948 Richardson Flat Tailing

Sample ID: UE02-64A-0.5
Date: 11/8/2007 Time:08:55

Sample No: MH24H9
Analysis: TM

Tag No. 8-240534

Lab Sample No.

Designate: Grab

Preservative: Yes ☐ No ☐

ANALYSES

S) (SS)

ts

0723-03

Case No:36948 Richardson Flat Tailing

Sample ID: UE03-64A-0.5
Date: 11/8/2007 Time:09:05

Sample No: MH24J0
Analysis: TM

Tag No. 8-241675

Lab Sample No.

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE04-64A-0.5
Date: 11/8/2007 Time:09:15

Sample No: MH24J1
Analysis: TM

8728-04

Preservative:
Yes ☐ No ☐

ANALYSES

(SS)

Tag No. 8-241664

Lab Sample No.

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE05-64A-0.5
Date: 11/8/2007 Time:09:25

Sample No: MH24J2
Analysis: TM

8728-05

Preservative:
Yes ☐ No ☐

ANALYSES

(SS)

Tag No. 8-241673

Lab Sample No.

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE06-64A-0.5
Date: 11/8/2007 Time:11:30

Sample No: MH24J3
Analysis: TM

8728-06

Preservative:
Yes ☐ No ☐

ANALYSES

Tag No. 8-241662

Lab Sample No.

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

Preservative: Yes ☐ No ☐

ANALYSES

8728-07

Case No:36948 Richardson Flat Tailing

Sample ID: UE06-64A-1.0 Time:10:20
Date: 11/8/2007

Sample No: MH24J4
Analysis: TM

Tag No. 8-241659

Lab Sample No.

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

Preservative: Yes ☐ No ☐

ANALYSES

BOD Anions
Solids (TSS) (TDS) (SS)

8728-08

Case No:36948 Richardson Flat Tailing

Sample ID: UE07-64A-0.5 Time:10:05
Date: 11/8/2007

Sample No: MH24J5
Analysis: TM

ple No.

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

Preservative: Yes ☐ No ☐

ANALYSES

8728-09

Case No:36948 Richardson Flat Tailing

Sample ID: UE08-64A-0.5 Time:09:55
Date: 11/8/2007

Sample No: MH24J6
Analysis: TM

Tag No. 8-241658

Lab Sample No.

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

Station

Case No:36948 Richardson Flat Tailing

Sample ID: UE09-64A-0.5
Date: 11/8/2007 Time:09:45

Sample No: MH24J7
Analysis: TM

8728-10

Preservative:
Yes ☐ No ☐

S)

Tag No.
8-241660

Lab Sample No.

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

Sta

Case No:36948 Richardson Flat Tailing

Sample ID: UE11-64A-0.5
Date: 11/8/2007 Time:13:15

Sample No: MH24J8
Analysis: TM

8728-11

Preservative:
Yes ☐ No ☐

Tag No.
8-241666

Lab Sample No.

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

Case No:36948 Richardson Flat Tailing

Sample ID: UE12-64A-0.5
Date: 11/8/2007 Time:10:45

Sample No: MH24J9
Analysis: TM

8728-12

Preservative:
Yes ☐ No ☐

ANALYSES

(SS)

8-240530

Sample No.

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

Preservative: Yes ☐ No ☐

ANALYSES

Case No:36948 Richardson Flat Tailing

Sample ID: UE13-64A-0.5
Date: 11/8/2007 Time:10:55

Sample No: MH24K0
Analysis: TM

8728-13

Tag No. 8-241669

Lab Sample No.

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

Preservative: Yes ☐ No ☐

ANALYSES

(SS)

Case No:36948 Richardson Flat Tailing

Sample ID: UE14-64A-0.5
Date: 11/8/2007 Time:11:10

Sample No: MH24K1
Analysis: TM

8728-14

Tag No. 8-240529

Lab Sample No.

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

Preservative: Yes ☐ No ☐

ANALYSES

Case No:36948 Richardson Flat Tailing

Sample ID: UE15-64A-0.5
Date: 11/8/2007 Time:11:45

Sample No: MH24K2
Analysis: TM

8728-15

Tag No. 8-241670

Lab Sample No.

00000351

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

Preservative: Yes ☐ No ☐

ANALYSES

0728-16

Case No:36948 Richardson Flat Tailing

Sample ID: UE16-64A-0.5
Date: 11/8/2007 Time:11:35

Sample No: MH24K3
Analysis: TM

Tag No. 8-241672

Lab Sample No.

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

Preservative: Yes ☐ No ☐

ANALYSES

0728-17

Case No:36948 Richardson Flat Tailing

Sample ID: UE17-64A-0.5
Date: 11/8/2007 Time:11:30

Sample No: MH24K4
Analysis: TM

Tag No. 8-240528

Lab Sample No.

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

Preservative: Yes ☐ No ☐

ANALYSES

0728-18

Case No:36948 Richardson Flat Tailing

Sample ID: UE18-64A-0.5
Date: 11/8/2007 Time:11:15

Sample No: MH24K5
Analysis: TM

Tag No. 8-240531

Lab Sample No.

Project Code | Station No. | Month/Day/Year | Time

Case No:36948 Richardson Flat Tailing

Sample ID: UE19-64A-0.5
Date: 11/8/2007 Time:13:10

Sample No: MH24K6
Analysis: TM

Designate: Grab

Preservative: Yes ☐ No ☐

ANALYSES

) (SS)
ts

8728-19

Tag No. 8-241671

Lab Sample No.

Project Code | Station No. | Month/Day/Year | Time

Case No:36948 Richardson Flat Tailing

Sample ID: UE20-64A-0.5
Date: 11/8/2007 Time:13:15

Sample No: MH24K7
Analysis: TM

Designate: Grab

Preservative: Yes ☐ No ☐

ANALYSES

(SS)

8726-20

Tag No. 8-241668

Lab Sample No.

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

Printed: 11/20/2007 9:43:35AM

Sample Log-in Report

WORK ORDER = 0008728

Client : NAZY ABOUSAEEDI
COMPUTER SCIENCES CORPORATION
15000 CONFERENCE CENTER DRIVE
CHANTILLY VA 201513819

Project : ILM05.4
Project Number : CLP SAMPLES
Courier/Airbill # : Fed Ex / 863198574806
COC/TR # : 80656029251112070003

Lab Sample	Client Sample	Matrix	#Cont.	Case	SDG	Sampled	Received	Analysis	TAT	Comments
0008728-01	MH24H8	Soil	1	36948	MH24H8	11/15/07 00:00	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	SDG FIRST SX MS/DUP
								Solids, Dry Weight	21	
0008728-02	MH24H9	Soil	1	36948	MH24H8	11/08/07 08:55	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-03	MH24J0	Soil	1	36948	MH24H8	11/08/07 09:05	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-04	MH24J1	Soil	1	36948	MH24H8	11/08/07 09:15	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-05	MH24J2	Soil	1	36948	MH24H8	11/08/07 09:25	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-06	MH24J3	Soil	1	36948	MH24H8	11/08/07 11:30	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-07	MH24J4	Soil	1	36948	MH24H8	11/08/07 10:20	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-08	MH24J5	Soil	1	36948	MH24H8	11/08/07 10:05	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-09	MH24J6	Soil	1	36948	MH24H8	11/08/07 09:55	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-10	MH24J7	Soil	1	36948	MH24H8	11/08/07 09:45	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-11	MH24J8	Soil	1	36948	MH24H8	11/08/07 13:15	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-12	MH24J9	Soil	1	36948	MH24H8	11/08/07 10:45	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-13	MH24K0	Soil	1	36948	MH24H8	11/08/07 10:55	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-14	MH24K1	Soil	1	36948	MH24H8	11/08/07 11:10	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-15	MH24K2	Soil	1	36948	MH24H8	11/08/07 11:45	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	

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

Printed: 11/20/2007 9:43:35AM

Sample Log-in Report

WORK ORDER = 0008728

Client : NAZY ABOUSAEEDI
COMPUTER SCIENCES CORPORATION
15000 CONFERENCE CENTER DRIVE
CHANTILLY VA 201513819

Project : ILM05.4
Project Number : CLP SAMPLES
Courier/Airbill # : Fed Ex / 863198574806
COC/TR # : 80656029251112070003

Lab Sample	Client Sample	Matrix	#Cont.	Case	SDG	Sampled	Received	Analysis	TAT	Comments
0008728-16	MH24K3	Soil	1	36948	MH24H8	11/08/07 11:35	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-17	MH24K4	Soil	1	36948	MH24H8	11/08/07 11:30	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-18	MH24K5	Soil	1	36948	MH24H8	11/08/07 11:15	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-19	MH24K6	Soil	1	36948	MH24H8	11/08/07 13:10	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008728-20	MH24K7	Soil	1	36948	MH24H8	11/08/07 13:15	11/16/07 10:11	ILM05.4-TOTAL ICPAES	21	SDG FINAL SX
								Solids, Dry Weight	21	

0000003355

Jessica Schulz
Reviewed By

11/20/07
Date

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: T7 D197 Work Order: 8728

SAMPLE ID	CONTAINER TYPE & NO.	DATE/TIME SIGNED IN	SIGNED IN BY	SAMPLE ID	CONTAINER TYPE & NO.	DATE/ TIME SIGNED IN	SIGNED IN BY
8728-01-20	1-zip lock bag	11/16/07 1230	RS				
							RS 11/16/07

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
8728-01-20	Zip lock bag	20	RS	11/20/07 8:50	% moisture	RS	11/20/07 9:30	
8728-01/20	Zip lock bag	20	TC	11/24/07 13:00	Prep.	TC	11/24/07 15:00	
								RS 12/5/07

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.

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Friday, November 16, 2007 3:06 PM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Multiple | FINAL

Jessica,
Summary Start
-Missing/broken custody seals-
Issue 1: The cooler custody seals were absent for all coolers received on 11/16/07.
Resolution 1: Per Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

-Missing temperature blank-
Issue 2: There was no temperature blank received for the coolers received on 11/16. Cooler temperatures were determined to be 5,4,4 and 5.
Resolution 2: In accordance with previous direction from Region 8, the laboratory will note the issue and the method used to determine the cooler temperature in the SDG Narrative and proceed with the analysis of the samples.

-Discrepancies with tags, jars, and/or TR/COC-
Issue 3: The tag numbers on the physical tags do not match up with the tag numbers listed on the TR/COC.
Resolution 3: In accordance with previous direction from Region 8, the laboratory will note the issue in the SDFG Narrative and proceed with the analysis of the sample using the sample tag number attached to the sample container.

-Insufficient/inappropriate designation of laboratory QC-
Issue 4: Per scheduling lab QC is required; however there were no samples designated on the TR/COC.
Resolution 4: In accordance with previous direction from Region 8, the laboratory will select a sample for lab QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the sample selected of 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: Friday, November 16, 2007 2:11 PM
To: Kramer, Caroline
Subject: Re: Region 08 | Case 36948 | Lab A4 | Issue Multiple

Caroline - For Issue # 1 : Please have the lab note this in the case narrative and proceed with the analyses. Thanks! Carol

"Kramer, Caroline" <ckramer5@fedcsc .com>	To Carol Beard/EPR/R8/USEPA/US@EPA
11/16/2007 11:50 AM	cc
	Subject Region 08 | Case 36948 | Lab A4 | Issue Multiple

Carol,
A4 is reporting the following issues regarding Case 36948. Please advise on how the lab should proceed for issue 1, issues 2-4 can be resolved using standard answers.

-Missing/broken custody seals-
Issue 1: The cooler custody seals were absent for all coolers received on 11/16/07.

-Missing temperature blank-
Issue 2: There was no temperature blank received for the coolers received on 11/16. Cooler temperatures were determined to be 5,4,4 and 5.
Resolution 2: In accordance with previous direction from Region 8, the laboratory will note the issue and the method used to determine the cooler temperature in the SDG Narrative and proceed with the analysis of the samples.

-Discrepancies with tags, jars, and/or TR/COC-
Issue 3: The tag numbers on the physical tags do not match up with the tag numbers listed on the TR/COC.
Resolution 3: In accordance with previous direction from Region 8, the laboratory will note the issue in the SDFG Narrative and proceed with eth analysis of the sample using the sample tag number attached to the sample container.

-Insufficient/inappropriate designation of laboratory QC-
Issue 4: Per scheduling lab QC is required; however there were no samples designated on the TR/COC.
Resolution 4: In accordance with previous direction from Region 8, the laboratory will select a sample for lab QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the sample selected of lab QC, and proceed with the analysis of 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 16, 2007 1:34 PM
To: Kramer, Caroline
Cc: pradeep@a4scientific.com; pakanati
Subject: case 36948

Caroline,

Lab received four coolers on 11/16/2007.

Issue 1: Cooler Custody seals were absent for all coolers received.

Issue 2: Cooler Temperature blank was absent for all coolers received. Cooler temperatures were 5, 4, 4 and 5.

Issue 3: Physical sample tag numbers do not match with listed TR/COC tag numbers.

Issue 4: Per Scheduling Lab QC is required, however per TR/COC's Lab QC is not designated.

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