1071549 - 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: 08-15-08
Case Number: 36948
Date CSF Received: 12/3/07
Site Name: Richardson Flats Tailings
Auditor: Carl Beard
Lab Name: A-4
Date of Audit: 12/11/07
SDG Number: MN23K0

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

CSF Relinquished By:

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

CSF Received By:

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

CSF Relinquished By:

Print Name	Date	Signature

CSF Received By:

Print Name	Date	Signature

CSF Relinquished By:

Print Name	Date	Signature

CSF Received By:

Print Name	Date	Signature

Rev. 07/05/95

08-15-08

CSF Relinquished By:

Print Name	Date	Signature

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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.

MH23K0

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-01

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

% Solids: 82.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15200		E	P
7440-36-0	Antimony	4.0	J	E	P
7440-38-2	Arsenic	10.5		E	P
7440-39-3	Barium	198		*E	P
7440-41-7	Beryllium	0.45	J		P
7440-43-9	Cadmium	1.0		E	P
7440-70-2	Calcium	10300		E	P
7440-47-3	Chromium	22.2		E	P
7440-48-4	Cobalt	11.6			P
7440-50-8	Copper	25.8			P
7439-89-6	Iron	19600		E	P
7439-92-1	Lead	73.8			P
7439-95-4	Magnesium	4510		E	P
7439-96-5	Manganese	729		*E	P
7440-02-0	Nickel	14.0			P
7440-09-7	Potassium	2960		E	P
7782-49-2	Selenium	4.2	U		P
7440-22-4	Silver	1.2	U	E	P
7440-23-5	Sodium	671			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	38.7			P
7440-66-6	Zinc	145			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 128

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K1

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-02

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

% Solids: 84.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16300		E	P
7440-36-0	Antimony	69.2		E	P
7440-38-2	Arsenic	89.6		E	P
7440-39-3	Barium	219		*E	P
7440-41-7	Beryllium	0.51	J		P
7440-43-9	Cadmium	8.8		E	P
7440-70-2	Calcium	4650		E	P
7440-47-3	Chromium	22.0		E	P
7440-48-4	Cobalt	11.4			P
7440-50-8	Copper	175			P
7439-89-6	Iron	19000		E	P
7439-92-1	Lead	2000			P
7439-95-4	Magnesium	4260		E	P
7439-96-5	Manganese	922		*E	P
7440-02-0	Nickel	15.7			P
7440-09-7	Potassium	3340		E	P
7782-49-2	Selenium	4.1	U		P
7440-22-4	Silver	14.8		E	P
7440-23-5	Sodium	265	J		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	36.3			P
7440-66-6	Zinc	1760			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: 129

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K2

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-03

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

% Solids: 43.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10600		E	P
7440-36-0	Antimony	7.5	J	E	P
7440-38-2	Arsenic	23.6		E	P
7440-39-3	Barium	230		*E	P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	2.0		E	P
7440-70-2	Calcium	44200		E	P
7440-47-3	Chromium	15.9		E	P
7440-48-4	Cobalt	19.0			P
7440-50-8	Copper	38.6			P
7439-89-6	Iron	21500		E	P
7439-92-1	Lead	264			P
7439-95-4	Magnesium	4750		E	P
7439-96-5	Manganese	3490		*E	P
7440-02-0	Nickel	10.8			P
7440-09-7	Potassium	2600		E	P
7782-49-2	Selenium	7.8	U		P
7440-22-4	Silver	2.2	J	E	P
7440-23-5	Sodium	635	J		P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	24.7			P
7440-66-6	Zinc	269			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K3

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-04

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

% Solids: 85.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18700		E	P
7440-36-0	Antimony	66.3		E	P
7440-38-2	Arsenic	79.2		E	P
7440-39-3	Barium	185		*E	P
7440-41-7	Beryllium	0.62			P
7440-43-9	Cadmium	9.0		E	P
7440-70-2	Calcium	5520		E	P
7440-47-3	Chromium	21.2		E	P
7440-48-4	Cobalt	9.1			P
7440-50-8	Copper	172			P
7439-89-6	Iron	19600		E	P
7439-92-1	Lead	1840			P
7439-95-4	Magnesium	5260		E	P
7439-96-5	Manganese	686		*E	P
7440-02-0	Nickel	15.5			P
7440-09-7	Potassium	4080		E	P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	14.6		E	P
7440-23-5	Sodium	344	J		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	31.8			P
7440-66-6	Zinc	1830			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K4

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-05

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

% Solids: 83.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19800		E	P
7440-36-0	Antimony	12.0		E	P
7440-38-2	Arsenic	18.1		E	P
7440-39-3	Barium	193		*E	P
7440-41-7	Beryllium	0.71			P
7440-43-9	Cadmium	2.5		E	P
7440-70-2	Calcium	5090		E	P
7440-47-3	Chromium	21.9		E	P
7440-48-4	Cobalt	10.9			P
7440-50-8	Copper	44.4			P
7439-89-6	Iron	19500		E	P
7439-92-1	Lead	283			P
7439-95-4	Magnesium	5340		E	P
7439-96-5	Manganese	685		*E	P
7440-02-0	Nickel	17.4			P
7440-09-7	Potassium	4020		E	P
7782-49-2	Selenium	4.1	U		P
7440-22-4	Silver	1.8		E	P
7440-23-5	Sodium	590	U		P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	34.4			P
7440-66-6	Zinc	439			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K5

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-06

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

% Solids: 78.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16400		E	P
7440-36-0	Antimony	33.2		E	P
7440-38-2	Arsenic	41.2		E	P
7440-39-3	Barium	218		*E	P
7440-41-7	Beryllium	0.53	J		P
7440-43-9	Cadmium	5.5		E	P
7440-70-2	Calcium	14700		E	P
7440-47-3	Chromium	20.6		E	P
7440-48-4	Cobalt	11.9			P
7440-50-8	Copper	91.9			P
7439-89-6	Iron	17600		E	P
7439-92-1	Lead	842			P
7439-95-4	Magnesium	4460		E	P
7439-96-5	Manganese	910		*E	P
7440-02-0	Nickel	16.0			P
7440-09-7	Potassium	3350		E	P
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	6.3		E	P
7440-23-5	Sodium	548	J		P
7440-28-0	Thallium	3.1	U		P
7440-62-2	Vanadium	35.1			P
7440-66-6	Zinc	830			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K6

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-07

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

% Solids: 79.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11000		E	P
7440-36-0	Antimony	12.0		E	P
7440-38-2	Arsenic	15.4		E	P
7440-39-3	Barium	158		*E	P
7440-41-7	Beryllium	0.34	J		P
7440-43-9	Cadmium	3.7		E	P
7440-70-2	Calcium	25500		E	P
7440-47-3	Chromium	13.7		E	P
7440-48-4	Cobalt	9.9			P
7440-50-8	Copper	49.2			P
7439-89-6	Iron	12400		E	P
7439-92-1	Lead	305			P
7439-95-4	Magnesium	3770		E	P
7439-96-5	Manganese	1380		*E	P
7440-02-0	Nickel	10.9			P
7440-09-7	Potassium	2470		E	P
7782-49-2	Selenium	1.7	J		P
7440-22-4	Silver	2.0		E	P
7440-23-5	Sodium	499	J		P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	21.5			P
7440-66-6	Zinc	496			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K7

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-08

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

% Solids: 57.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20200		E	P
7440-36-0	Antimony	10.3	U	E	P
7440-38-2	Arsenic	6.6		E	P
7440-39-3	Barium	281		*E	P
7440-41-7	Beryllium	0.59	J		P
7440-43-9	Cadmium	1.0		E	P
7440-70-2	Calcium	6910		E	P
7440-47-3	Chromium	25.3		E	P
7440-48-4	Cobalt	10.4			P
7440-50-8	Copper	28.9			P
7439-89-6	Iron	20700		E	P
7439-92-1	Lead	32.6			P
7439-95-4	Magnesium	6280		E	P
7439-96-5	Manganese	209		*E	P
7440-02-0	Nickel	17.1			P
7440-09-7	Potassium	5060		E	P
7782-49-2	Selenium	6.0	U		P
7440-22-4	Silver	1.7	U	E	P
7440-23-5	Sodium	396	J		P
7440-28-0	Thallium	4.3	U		P
7440-62-2	Vanadium	36.0			P
7440-66-6	Zinc	137			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K8

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-09

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

% Solids: 62.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12400		E	P
7440-36-0	Antimony	19.7		E	P
7440-38-2	Arsenic	22.9		E	P
7440-39-3	Barium	275		*E	P
7440-41-7	Beryllium	0.44	J		P
7440-43-9	Cadmium	4.7		E	P
7440-70-2	Calcium	16300		E	P
7440-47-3	Chromium	17.6		E	P
7440-48-4	Cobalt	10.4			P
7440-50-8	Copper	73.9			P
7439-89-6	Iron	16100		E	P
7439-92-1	Lead	569			P
7439-95-4	Magnesium	4740		E	P
7439-96-5	Manganese	1110		*E	P
7440-02-0	Nickel	16.8			P
7440-09-7	Potassium	2620		E	P
7782-49-2	Selenium	5.5	U		P
7440-22-4	Silver	3.6		E	P
7440-23-5	Sodium	422	J		P
7440-28-0	Thallium	4.0	U		P
7440-62-2	Vanadium	34.7			P
7440-66-6	Zinc	806			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23K9

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-10

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

% Solids: 89.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10900		E	P
7440-36-0	Antimony	6.6	U	E	P
7440-38-2	Arsenic	7.8		E	P
7440-39-3	Barium	208		*E	P
7440-41-7	Beryllium	0.55	U		P
7440-43-9	Cadmium	0.43	J	E	P
7440-70-2	Calcium	5240		E	P
7440-47-3	Chromium	25.4		E	P
7440-48-4	Cobalt	10.7			P
7440-50-8	Copper	16.1			P
7439-89-6	Iron	19700		E	P
7439-92-1	Lead	19.6			P
7439-95-4	Magnesium	3590		E	P
7439-96-5	Manganese	509		*E	P
7440-02-0	Nickel	15.5			P
7440-09-7	Potassium	1810		E	P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	1.1	U	E	P
7440-23-5	Sodium	553	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	52.8			P
7440-66-6	Zinc	67.2			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23X6

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-01

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 80.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15700		E	P
7440-36-0	Antimony	77.3		E	P
7440-38-2	Arsenic	101		E	P
7440-39-3	Barium	136		*E	P
7440-41-7	Beryllium	0.62			P
7440-43-9	Cadmium	12.5		E	P
7440-70-2	Calcium	17600		E	P
7440-47-3	Chromium	21.7		E	P
7440-48-4	Cobalt	10.6			P
7440-50-8	Copper	257			P
7439-89-6	Iron	20400		E	P
7439-92-1	Lead	3170			P
7439-95-4	Magnesium	6140		E	P
7439-96-5	Manganese	1200		*E	P
7440-02-0	Nickel	18.4			P
7440-09-7	Potassium	3070		E	P
7782-49-2	Selenium	2.2	J		P
7440-22-4	Silver	22.4		E	P
7440-23-5	Sodium	430	J		P
7440-28-0	Thallium	3.4			P
7440-62-2	Vanadium	31.9			P
7440-66-6	Zinc	6060			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23X7

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-02

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 89.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11300		E	P
7440-36-0	Antimony	3.0	J	E	P
7440-38-2	Arsenic	8.9		E	P
7440-39-3	Barium	104		*E	P
7440-41-7	Beryllium	0.49	J		P
7440-43-9	Cadmium	1.1		E	P
7440-70-2	Calcium	2700		E	P
7440-47-3	Chromium	13.5		E	P
7440-48-4	Cobalt	8.0			P
7440-50-8	Copper	22.3			P
7439-89-6	Iron	13200		E	P
7439-92-1	Lead	120			P
7439-95-4	Magnesium	3170		E	P
7439-96-5	Manganese	516		*E	P
7440-02-0	Nickel	10.4			P
7440-09-7	Potassium	2540		E	P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	1.1	U	E	P
7440-23-5	Sodium	561	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	24.7			P
7440-66-6	Zinc	181			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23X8

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-03

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 89.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13100		E	P
7440-36-0	Antimony	6.6	U	E	P
7440-38-2	Arsenic	8.1		E	P
7440-39-3	Barium	99.7		*E	P
7440-41-7	Beryllium	0.62			P
7440-43-9	Cadmium	0.94		E	P
7440-70-2	Calcium	2910		E	P
7440-47-3	Chromium	13.7		E	P
7440-48-4	Cobalt	7.7			P
7440-50-8	Copper	19.2			P
7439-89-6	Iron	14200		E	P
7439-92-1	Lead	94.7			P
7439-95-4	Magnesium	3690		E	P
7439-96-5	Manganese	451		*E	P
7440-02-0	Nickel	11.1			P
7440-09-7	Potassium	2460		E	P
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	1.1	U	E	P
7440-23-5	Sodium	256	J		P
7440-28-0	Thallium	2.7	U		P
7440-62-2	Vanadium	24.7			P
7440-66-6	Zinc	147			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23X9

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-04

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 80.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17100		E	P
7440-36-0	Antimony	7.2	U	E	P
7440-38-2	Arsenic	7.8		E	P
7440-39-3	Barium	210		*E	P
7440-41-7	Beryllium	0.50	J		P
7440-43-9	Cadmium	0.68		E	P
7440-70-2	Calcium	4970		E	P
7440-47-3	Chromium	23.5		E	P
7440-48-4	Cobalt	12.4			P
7440-50-8	Copper	21.7			P
7439-89-6	Iron	22000		E	P
7439-92-1	Lead	42.5			P
7439-95-4	Magnesium	3410		E	P
7439-96-5	Manganese	659		*E	P
7440-02-0	Nickel	16.8			P
7440-09-7	Potassium	3070		E	P
7782-49-2	Selenium	4.2	U		P
7440-22-4	Silver	1.2	U	E	P
7440-23-5	Sodium	599	U		P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	48.6			P
7440-66-6	Zinc	99.1			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23Y0

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-05

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 85.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10700		E	P
7440-36-0	Antimony	6.8	U	E	P
7440-38-2	Arsenic	4.9		E	P
7440-39-3	Barium	136		*E	P
7440-41-7	Beryllium	0.40	J		P
7440-43-9	Cadmium	0.41	J	E	P
7440-70-2	Calcium	3280		E	P
7440-47-3	Chromium	12.2		E	P
7440-48-4	Cobalt	7.4			P
7440-50-8	Copper	14.5			P
7439-89-6	Iron	12500		E	P
7439-92-1	Lead	15.6			P
7439-95-4	Magnesium	2400		E	P
7439-96-5	Manganese	518		*E	P
7440-02-0	Nickel	9.7			P
7440-09-7	Potassium	2530		E	P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.1	U	E	P
7440-23-5	Sodium	567	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	23.6			P
7440-66-6	Zinc	47.1			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23Y2

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-06

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 87.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18900		E	P
7440-36-0	Antimony	6.6	U	E	P
7440-38-2	Arsenic	9.2		E	P
7440-39-3	Barium	257		*E	P
7440-41-7	Beryllium	0.68			P
7440-43-9	Cadmium	0.86		E	P
7440-70-2	Calcium	6700		E	P
7440-47-3	Chromium	24.0		E	P
7440-48-4	Cobalt	14.0			P
7440-50-8	Copper	30.9			P
7439-89-6	Iron	27500		ED	P
7439-92-1	Lead	50.6			P
7439-95-4	Magnesium	4090		E	P
7439-96-5	Manganese	819		*E	P
7440-02-0	Nickel	21.5			P
7440-09-7	Potassium	4000		E	P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	1.1	U	E	P
7440-23-5	Sodium	550	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	51.7			P
7440-66-6	Zinc	125			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23Y3

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-07

Level (low/med): LOW Date Received: 11/12/2007

% 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	10900		E	P
7440-36-0	Antimony	7.0	U	E	P
7440-38-2	Arsenic	5.7		E	P
7440-39-3	Barium	126		*E	P
7440-41-7	Beryllium	0.51	J		P
7440-43-9	Cadmium	0.39	J	E	P
7440-70-2	Calcium	5000		E	P
7440-47-3	Chromium	12.2		E	P
7440-48-4	Cobalt	7.3			P
7440-50-8	Copper	12.6			P
7439-89-6	Iron	12900		E	P
7439-92-1	Lead	15.3			P
7439-95-4	Magnesium	3430		E	P
7439-96-5	Manganese	496		*E	P
7440-02-0	Nickel	10.6			P
7440-09-7	Potassium	2350		E	P
7782-49-2	Selenium	4.1	U		P
7440-22-4	Silver	1.2	U	E	P
7440-23-5	Sodium	582	U		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	23.5			P
7440-66-6	Zinc	42.8			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23Y4

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-08

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 88.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15300		E	P
7440-36-0	Antimony	6.7	U	E	P
7440-38-2	Arsenic	6.1		E	P
7440-39-3	Barium	201		*E	P
7440-41-7	Beryllium	0.48	J		P
7440-43-9	Cadmium	0.54	J	E	P
7440-70-2	Calcium	4360		E	P
7440-47-3	Chromium	20.8		E	P
7440-48-4	Cobalt	11.6			P
7440-50-8	Copper	20.8			P
7439-89-6	Iron	20800		E	P
7439-92-1	Lead	26.0			P
7439-95-4	Magnesium	3700		E	P
7439-96-5	Manganese	666		*E	P
7440-02-0	Nickel	15.7			P
7440-09-7	Potassium	3700		E	P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	1.1	U	E	P
7440-23-5	Sodium	559	U		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	42.0			P
7440-66-6	Zinc	73.5			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH23Y5

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008711-09

Level (low/med): LOW Date Received: 11/12/2007

% Solids: 85.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19900		E	P
7440-36-0	Antimony	6.9	U	E	P
7440-38-2	Arsenic	9.7		E	P
7440-39-3	Barium	294		*E	P
7440-41-7	Beryllium	0.52	J		P
7440-43-9	Cadmium	0.82		E	P
7440-70-2	Calcium	6220		E	P
7440-47-3	Chromium	29.8		E	P
7440-48-4	Cobalt	14.9			P
7440-50-8	Copper	28.7			P
7439-89-6	Iron	29800		ED	P
7439-92-1	Lead	55.6			P
7439-95-4	Magnesium	4410		E	P
7439-96-5	Manganese	909		*E	P
7440-02-0	Nickel	21.8			P
7440-09-7	Potassium	4180		E	P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.2	U	E	P
7440-23-5	Sodium	578	U		P
7440-28-0	Thallium	2.9	U		P
7440-62-2	Vanadium	60.5			P
7440-66-6	Zinc	115			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA-CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH24D5

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Matrix (soil/water): SOIL Lab Sample ID: 0008709-11

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

% Solids: 91.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18100		E	P
7440-36-0	Antimony	6.3	U	E	P
7440-38-2	Arsenic	5.5		E	P
7440-39-3	Barium	194		*E	P
7440-41-7	Beryllium	0.43	J		P
7440-43-9	Cadmium	0.57		E	P
7440-70-2	Calcium	3880		E	P
7440-47-3	Chromium	21.9		E	P
7440-48-4	Cobalt	11.2			P
7440-50-8	Copper	20.5			P
7439-89-6	Iron	20600		E	P
7439-92-1	Lead	19.6			P
7439-95-4	Magnesium	3860		E	P
7439-96-5	Manganese	630		*E	P
7440-02-0	Nickel	14.9			P
7440-09-7	Potassium	3500		E	P
7782-49-2	Selenium	3.7	U		P
7440-22-4	Silver	1.0	U	E	P
7440-23-5	Sodium	524	U		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	44.1			P
7440-66-6	Zinc	78.8			P

Color Before: BLACK Clarity Before: CLOUDY Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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.: MH23K0

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	2514.55	101	5000.0	5218.95	104	5129.55	103	P
Antimony	992.0	960.57	97	1250.0	1213.30	97	1177.85	94	P
Arsenic	996.0	918.02	92	250.0	245.84	98	244.00	98	P
Barium	502.0	514.52	102	5000.0	5265.25	105	5070.50	101	P
Beryllium	493.0	482.50	98	125.0	130.03	104	127.63	102	P
Cadmium	494.0	465.22	94	125.0	123.20	99	120.61	96	P
Calcium	10180.0	9940.25	98	12500.0	13143.00	105	13003.00	104	P
Chromium	490.0	479.64	98	500.0	485.08	97	505.33	101	P
Cobalt	496.0	483.77	98	1250.0	1216.05	97	1225.80	98	P
Copper	490.0	468.22	96	625.0	602.27	96	581.99	93	P
Iron	5107.0	5040.40	99	2500.0	2611.60	104	2615.40	105	P
Lead	996.0	926.03	93	250.0	244.59	98	246.40	99	P
Magnesium	6003.0	5928.25	99	12500.0	13074.50	105	12908.50	103	P
Manganese	495.0	485.82	98	1250.0	1227.20	98	1245.70	100	P
Nickel	492.0	479.66	97	1250.0	1222.40	98	1240.05	99	P
Potassium	10008.0	9895.60	99	12500.0	12891.50	103	12976.50	104	P
Selenium	1005.0	912.31	91	250.0	243.72	97	240.63	96	P
Silver	495.0	478.46	97	625.0	606.48	97	609.93	98	P
Sodium	10039.0	9807.05	98	12500.0	13084.50	105	12656.00	101	P
Thallium	1027.0	943.98	92	250.0	245.86	98	245.31	98	P
Vanadium	501.0	477.22	95	1250.0	1214.20	97	1214.60	97	P
Zinc	1000.0	968.17	97	1200.0	1221.30	102	1283.60	107	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.: MH23K0

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	4899.75	98	4651.45	93	P
Antimony				1250.0	1138.45	91	1159.65	93	P
Arsenic				250.0	241.74	97	242.93	97	P
Barium				5000.0	4911.45	98	4648.05	93	P
Beryllium				125.0	121.56	97	115.27	92	P
Cadmium				125.0	119.53	96	119.91	96	P
Calcium				12500.0	12649.00	101	11968.00	96	P
Chromium				500.0	484.40	97	487.44	97	P
Cobalt				1250.0	1223.80	98	1226.90	98	P
Copper				625.0	585.42	94	587.09	94	P
Iron				2500.0	2471.35	99	2342.60	94	P
Lead				250.0	247.77	99	246.02	98	P
Magnesium				12500.0	12689.00	102	11998.50	96	P
Manganese				1250.0	1232.10	99	1237.65	99	P
Nickel				1250.0	1238.65	99	1242.65	99	P
Potassium				12500.0	12420.50	99	11766.00	94	P
Selenium				250.0	238.71	95	239.60	96	P
Silver				625.0	592.46	95	594.43	95	P
Sodium				12500.0	12523.50	100	11836.50	95	P
Thallium				250.0	244.38	98	244.93	98	P
Vanadium				1250.0	1206.85	97	1210.10	97	P
Zinc				1200.0	1284.15	107	1289.65	107	P

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

00000036

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.: MH23K0

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	5073.70	101	4780.15	96	P
Antimony				1250.0	1125.90	90	1151.30	92	P
Arsenic				250.0	241.41	97	240.64	96	P
Barium				5000.0	4995.90	100	4742.20	95	P
Beryllium				125.0	125.29	100	117.81	94	P
Cadmium				125.0	118.49	95	117.95	94	P
Calcium				12500.0	12763.00	102	11990.00	96	P
Chromium				500.0	495.62	99	489.09	98	P
Cobalt				1250.0	1211.75	97	1199.25	96	P
Copper				625.0	573.80	92	570.84	91	P
Iron				2500.0	2558.35	102	2410.40	96	P
Lead				250.0	242.96	97	240.99	96	P
Magnesium				12500.0	12601.50	101	11861.00	95	P
Manganese				1250.0	1228.10	98	1214.30	97	P
Nickel				1250.0	1229.30	98	1215.20	97	P
Potassium				12500.0	12811.50	102	12161.00	97	P
Selenium				250.0	236.38	95	236.04	94	P
Silver				625.0	598.23	96	594.21	95	P
Sodium				12500.0	12454.50	100	11857.50	95	P
Thallium				250.0	241.08	96	238.81	96	P
Vanadium				1250.0	1194.10	96	1186.10	95	P
Zinc				1200.0	1270.10	106	1252.05	104	P

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

USEPA-CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH23K0

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	59.79 J	100	54.52 J	91
Arsenic	10.0	9.72 J	97	9.91 J	99
Barium		200.00 U	0	200.00 U	0
Beryllium	5.0	5.16	103	5.21	104
Cadmium	5.0	5.06	101	4.96 J	99
Calcium		5000.00 U	0	5000.00 U	0
Chromium	10.0	10.19	102	10.44	104
Cobalt	50.0	50.93	102	50.37	101
Copper	25.0	25.75	103	25.99	104
Iron		100.00 U	0	100.00 U	0
Lead	10.0	11.10	111	11.11	111
Magnesium		5000.00 U	0	5000.00 U	0
Manganese	15.0	16.18	108	16.11	107
Nickel	40.0	41.44	104	41.04	103
Potassium		5000.00 U	0	5000.00 U	0
Selenium	35.0	35.51	101	34.57 J	99
Silver	10.0	10.76	108	10.75	108
Sodium		5000.00 U	0	5000.00 U	0
Thallium	25.0	26.11	104	26.31	105
Vanadium	50.0	50.80	102	50.84	102
Zinc	60.0	63.40	106	62.63	104

(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.: MH23K0

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			52.25 J	87
Arsenic	10.0			10.01	100
Barium				200.00 U	0
Beryllium	5.0			4.99 J	100
Cadmium	5.0			4.92 J	98
Calcium				5000.00 U	0
Chromium	10.0			10.13	101
Cobalt	50.0			51.46	103
Copper	25.0			24.61 J	98
Iron				100.00 U	0
Lead	10.0			11.94	119
Magnesium				5000.00 U	0
Manganese	15.0			16.50	110
Nickel	40.0			41.77	104
Potassium				5000.00 U	0
Selenium	35.0			33.27 J	95
Silver	10.0			10.12	101
Sodium				5000.00 U	0
Thallium	25.0			26.01	104
Vanadium	50.0			51.30	103
Zinc	60.0			66.54	111

(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)

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USEPA-CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: _____ SDG No.: MH23K0

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			50.90 J	85
Arsenic	10.0			10.44	104
Barium				200.00 U	0
Beryllium	5.0			4.99 J	100
Cadmium	5.0			4.74 J	95
Calcium				5000.00 U	0
Chromium	10.0			10.09	101
Cobalt	50.0			50.46	101
Copper	25.0			24.27 J	97
Iron				100.00 U	0
Lead	10.0			11.88	119
Magnesium				5000.00 U	0
Manganese	15.0			16.11	107
Nickel	40.0			41.15	103
Potassium				5000.00 U	0
Selenium	35.0			33.01 J	94
Silver	10.0			10.32	103
Sodium				5000.00 U	0
Thallium	25.0			25.38	102
Vanadium	50.0			50.01	100
Zinc	60.0			65.19	109

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

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

USEPA-CLP

3-IN
BLANKS

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

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

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USEPA-CLP

3-IN
BLANKS

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			60.0	U	60.0	U	60.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			200.0	U	200.0	U	200.0	U			P
Beryllium			5.0	U	5.0	U	5.0	U			P
Cadmium			5.0	U	5.0	U	5.0	U			P
Calcium			5000.0	U	5000.0	U	5000.0	U			P
Chromium			10.0	U	10.0	U	10.0	U			P
Cobalt			50.0	U	50.0	U	50.0	U			P
Copper			25.0	U	25.0	U	25.0	U			P
Iron			100.0	U	100.0	U	100.0	U			P
Lead			10.0	U	10.0	U	10.0	U			P
Magnesium			5000.0	U	5000.0	U	5000.0	U			P
Manganese			15.0	U	15.0	U	15.0	U			P
Nickel			40.0	U	40.0	U	40.0	U			P
Potassium			5000.0	U	5000.0	U	5000.0	U			P
Selenium			35.0	U	35.0	U	35.0	U			P
Silver			10.0	U	10.0	U	10.0	U			P
Sodium			5000.0	U	5000.0	U	5000.0	U			P
Thallium			25.0	U	25.0	U	25.0	U			P
Vanadium			50.0	U	50.0	U	50.0	U			P
Zinc			60.0	U	60.0	U	60.0	U			P

USEPA-CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

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	237000	97	240000	100	248000	102	245000	102
Antimony	0	589	4.2		567	96	3.3		555	94
Arsenic	0	101	-0.12		95.9	95	1.3		94.9	94
Barium	2.0	495	-2.6	-130	498	101	-2.7	-135	503	102
Beryllium	0	475	1.3		472	99	1.5		482	101
Cadmium	0	940	1.8		957	102	1.7		954	101
Calcium	234900	231100	229000	97	234000	101	243000	103	240000	104
Chromium	43.0	511	42.6	99	505	99	43.7	102	533	104
Cobalt	4.0	461	3.1	78	501	109	3.0	75	509	110
Copper	23.0	548	23.0	100	512	93	22.0	96	521	95
Iron	95600	94800	90100	94	91800	97	96500	101	95100	100
Lead	10.0	61.0	4.2	42	57.9	95	3.9	39	62.3	102
Magnesium	247500	251500	239000	97	242000	96	258000	104	255000	101
Manganese	19.0	502	15.3	81	490	98	15.1	79	517	103
Nickel	21.0	984	16.5	79	1020	104	16.7	80	1040	106
Potassium	0	0	-87.0		-101		-94.3		-129	
Selenium	0	53.0	-6.4		51.1	96	-5.2		54.2	102
Silver	0	206	2.3		206	100	-0.70		212	103
Sodium	0	0	683		694		723		717	
Thallium	0	103	-2.3		94.1	91	-2.1		94.0	91
Vanadium	0	494	-0.49		471	95	-0.65		495	100
Zinc	28.0	1028	24.5	88	1010	98	26.0	93	1070	104

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.: MH23K0

ICP-AES Instrument ID: B-ICAP6500 ICS Source: A(1206) & B(0203)

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100					235000	96	237000	98
Antimony	0	589					2.0		539	92
Arsenic	0	101					0.23		93.8	93
Barium	2.0	495					-2.7	-135	490	99
Beryllium	0	475					1.4		463	97
Cadmium	0	940					1.7		937	100
Calcium	234900	231100					234000	100	234000	101
Chromium	43.0	511					41.6	97	513	100
Cobalt	4.0	461					3.1	78	503	109
Copper	23.0	548					21.7	94	516	94
Iron	95600	94800					90300	94	90500	95
Lead	10.0	61.0					4.6	46	60.9	100
Magnesium	247500	251500					246000	99	249000	99
Manganese	19.0	502					14.8	78	507	101
Nickel	21.0	984					16.6	79	1030	105
Potassium	0	0					-110		-87.3	
Selenium	0	53.0					-7.1		53.4	101
Silver	0	206					0.057		204	99
Sodium	0	0					696		699	
Thallium	0	103					-2.4		93.4	91
Vanadium	0	494					-0.49		485	98
Zinc	28.0	1028					25.7	92	1060	103

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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.: MH23K0

ICP-AES Instrument ID: B-ICAP6500 ICS Source: A(1206) & B(0203)

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100					235000	96	242000	100
Antimony	0	589					2.7		542	92
Arsenic	0	101					1.2		94.2	93
Barium	2.0	495					-2.7	-135	501	101
Beryllium	0	475					1.4		474	100
Cadmium	0	940					1.7		934	99
Calcium	234900	231100					230000	98	232000	100
Chromium	43.0	511					42.3	98	514	101
Cobalt	4.0	461					3.0	75	499	108
Copper	23.0	548					21.3	93	504	92
Iron	95600	94800					90500	95	92900	98
Lead	10.0	61.0					3.9	39	59.5	98
Magnesium	247500	251500					240000	97	247000	98
Manganese	19.0	502					14.9	78	497	99
Nickel	21.0	984					16.2	77	1020	104
Potassium	0	0					-115		-111	
Selenium	0	53.0					-5.7		54.2	102
Silver	0	206					-0.59		205	100
Sodium	0	0					679		699	
Thallium	0	103					-1.7		92.5	90
Vanadium	0	494					-0.21		476	96
Zinc	28.0	1028					24.9	89	1050	102

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USEPA-CLP

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH23K1S

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

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

% Solids for Sample: 84.7

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		18043.8800		16340.1400		0.00	0		P
Antimony	75 - 125	95.2617		69.2234		23.38	111		P
Arsenic		107.4252		89.5607		9.35	191		P
Barium	75 - 125	635.1714		218.7277		467.58	89		P
Beryllium	75 - 125	10.4077		0.5082	J	11.69	85		P
Cadmium	75 - 125	18.8750		8.7848		11.69	86		P
Calcium		5113.3300		4645.8090		0.00	0		P
Chromium	75 - 125	64.5154		21.9774		46.76	91		P
Cobalt	75 - 125	127.2809		11.4061		116.89	99		P
Copper	75 - 125	242.2002		175.4007		58.45	114		P
Iron		20835.3300		19026.9700		0.00	0		P
Lead		2325.3890		1997.4400		4.68	7007		P
Magnesium		4647.7380		4264.1470		0.00	0		P
Manganese		1033.5310		921.7332		116.89	96		P
Nickel	75 - 125	130.2033		15.7077		116.89	98		P
Potassium		3597.9060		3343.1920		0.00	0		P
Selenium	75 - 125	10.6451		4.0913	U	11.69	91		P
Silver	75 - 125	25.7063		14.8439		11.69	93		P
Sodium		318.7605	J	264.8603	J	0.00	0		P
Thallium	75 - 125	11.1773		2.9224	U	11.69	96		P
Vanadium	75 - 125	141.6648		36.3251		116.89	90		P
Zinc		2035.3730		1762.1310		116.89	234		P

Comments:

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USEPA-CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

MH23K1D

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

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

% Solids for Sample: 84.7 % Solids for Duplicate: 85.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		16340.1400		15317.6200		6		P
Antimony		69.2234		66.3542		4		P
Arsenic		89.5607		86.1165		4		P
Barium		218.7277		146.4222		40	*	P
Beryllium		0.5082	J	0.4487	J	12		P
Cadmium		8.7848		8.3202		5		P
Calcium		4645.8090		4372.5840		6		P
Chromium		21.9774		21.5461		2		P
Cobalt	5.8447	11.4061		9.5246		18		P
Copper		175.4007		166.8519		5		P
Iron		19026.9700		18182.4000		5		P
Lead		1997.4400		1941.5700		3		P
Magnesium		4264.1470		3973.7720		7		P
Manganese		921.7332		662.1525		33	*	P
Nickel	4.6758	15.7077		14.6469		7		P
Potassium		3343.1920		3132.5100		7		P
Selenium		4.0913	U	4.0913	U			P
Silver		14.8439		14.1034		5		P
Sodium		264.8603	J	260.1107	J	2		P
Thallium		2.9224	U	2.9224	U			P
Vanadium		36.3251		35.4539		2		P
Zinc		1762.1310		1700.6390		4		P

USEPA-CLP

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No: SDG NO.: MH23K0

Solid LCS Source: QATS-LCS

Aqueous LCS Source:

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum				115.0	102.6		54.7	175.0	89
Antimony				66.0	64.6		27.6	104.0	98
Arsenic				253.0	256.4		154.0	352.0	101
Barium				1.6	8.7	U	1.0	2.2	0
Beryllium				4.9	5.0		3.0	6.8	102
Cadmium				10.9	12.1		7.7	14.0	111
Calcium				44200.0	46137.5		30300.0	58200.0	104
Chromium				27.1	28.8		18.5	35.7	106
Cobalt				37.4	41.4		24.2	50.6	111
Copper				1770.0	1849.5		20.0	2230.0	104
Iron				6470.0	6364.9		4280.0	8660.0	98
Lead				56.9	59.8		41.4	72.4	105
Magnesium				29200.0	30116.0		20500.0	37900.0	103
Manganese				61.0	64.0		41.6	80.5	105
Nickel				16.3	17.0		9.0	23.7	104
Potassium				39.7	227.0	U	0.0	85.3	0
Selenium				10.0	10.3		4.1	15.9	103
Silver				5.9	6.5		2.7	9.1	110
Sodium				72.5	220.0	U	0.0	216.0	0
Thallium				9.5	8.8		2.9	16.1	93
Vanadium				17.6	18.4		11.6	23.7	105
Zinc				47.5	50.4		20.5	74.4	106

USEPA-CLP

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MH23K1L

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

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	139785.0		157640.0		13	E	P
Antimony	592.2		681.9		15	E	P
Arsenic	766.16		867.00		13	E	P
Barium	1871.2		2105.9		13	E	P
Beryllium	4.35	J	5.19		19		P
Cadmium	75.15		85.22		13	E	P
Calcium	39744		45867		15	E	P
Chromium	188.01		207.95		11	E	P
Cobalt	97.6		102.7		5		P
Copper	1500.5		1581.9		5		P
Iron	162770.0		195097.5		20	E	P
Lead	17087.50		17978.25		5		P
Magnesium	36479		42003		15	E	P
Manganese	7885.15		9238.00		17	E	P
Nickel	134.4		141.2		5		P
Potassium	28600		32623		14	E	P
Selenium	35.0	U	35.0	U			P
Silver	126.99		142.78		12	E	P
Sodium	2266	J	2581	J	14		P
Thallium	25.0	U	25.0	U			P
Vanadium	310.8		338.4		9		P
Zinc	15074.5		16011.5		6		P

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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.: MH23K0

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.: MH23K0

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.: MH23K0

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

Preparation Method: HW1

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.: MH23K0

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.: MH23K0

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.: MH23K0

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: _____

000000055

ILM05.4

USEPA-CLP

12-IN

PREPARATION LOG

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No.: 36948 NRAS No.: SDG NO.: MH23K0

Preparation Method: HS2

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
PBSQ3	11/13/2007	1.00	100
LCSSQ3	11/13/2007	1.00	100
MH23K0	11/13/2007	1.02	100
MH23K1	11/13/2007	1.01	100
MH23K1D	11/13/2007	1.02	100
MH23K1S	11/13/2007	1.01	100
MH23K2	11/13/2007	1.03	100
MH23K3	11/13/2007	1.04	100
MH23K4	11/13/2007	1.01	100
MH23K5	11/13/2007	1.03	100
MH23K6	11/13/2007	1.04	100
MH23K7	11/13/2007	1.01	100
MH23K8	11/13/2007	1.02	100
MH23K9	11/13/2007	1.01	100
MH24D5	11/13/2007	1.04	100
MH23X6	11/13/2007	1.02	100
MH23X7	11/13/2007	1.00	100
MH23X8	11/13/2007	1.02	100
MH23X9	11/13/2007	1.04	100
MH23Y0	11/13/2007	1.03	100
MH23Y2	11/13/2007	1.04	100
MH23Y3	11/13/2007	1.02	100
MH23Y4	11/13/2007	1.01	100
MH23Y5	11/13/2007	1.01	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.: MH23K0

Instrument ID: B-ICAP6500 Analysis Method: P

Start Date: 11/14/2007 End Date: 11/14/2007

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	1122	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	1125	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	1127	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	1130	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	1133	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	1135	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	1138	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	1141	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	1144	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.3	1146																										
ZZZZZZ	1.0	1149																										
ZZZZZZ	1.0	1152																										
ZZZZZZ	1.0	1155																										
ZZZZZZ	1.0	1158																										
PBSQ3	1.0	1200	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	1203																										
CRI	1.0	1206	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	1208	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	1211	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.0	1214	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.0	1217	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
LCSSQ3	1.0	1219	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K0	1.0	1222	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K1	1.0	1225	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K1D	1.0	1228	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K1S	1.0	1231	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K1L	5.0	1233	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K2	1.0	1236	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K3	1.0	1239	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K4	1.0	1242	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	1245																										
CCV	1.0	1247	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	1250	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K5	1.0	1253	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K6	1.0	1256	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K7	1.0	1258	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23K8	1.0	1301	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.: MH23K0

Instrument ID: B-ICAP6500 Analysis Method: P

Start Date: 11/14/2007 End Date: 11/14/2007

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		
MH23K9	1.0	1304	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	1307																										
ZZZZZZ	1.0	1309																										
CRI	1.0	1312	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	1315	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	1318	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	1320	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	1323	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH24D5	1.0	1326	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23X6	1.0	1329	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23X7	1.0	1332	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23X8	1.0	1334	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23X9	1.0	1337	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23Y0	1.0	1340	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23Y2	1.0	1343	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH23Y3	1.0	1346	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23Y4	1.0	1348	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	1351																										
CCV	1.0	1354	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	1357	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH23Y5	1.0	1359	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X			
MH23Y2	1.3	1402											X															
MH23Y5	1.5	1405											X															
ZZZZZZ	1.0	1408																										
ZZZZZZ	1.0	1411																										
ZZZZZZ	1.0	1413																										
ZZZZZZ	1.0	1416																										
CRI	1.0	1419	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	1422	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	1424	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	1427	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	1430	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

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Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-0716/100 *Analysis Date:* 11/14/07
Sequence: TAL20071114A *Analyst/Date:* SW 11/14/07.
Method ILM05.4 *Reviewer/Date:*
SOP 28SOP06.

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	S0 / S0	11/14/07	11:22:36	1.00	TAL20071114A.txt	
0	S / S	11/14/07	11:25:20	1.00	TAL20071114A.txt	
0	ICV1 / ICV	11/14/07	11:27:59	1.00	TAL20071114A.txt	
0	ICB1 / ICB	11/14/07	11:30:32	1.00	TAL20071114A.txt	
0	CRDL1 / CRI	11/14/07	11:33:16	1.00	TAL20071114A.txt	
0	ICS-A1 / ICSA	11/14/07	11:35:57	1.00	TAL20071114A.txt	
0	ICS-AB1 / ICSAB	11/14/07	11:38:44	1.00	TAL20071114A.txt	
0	CCV1 / CCV	11/14/07	11:41:25	1.00	TAL20071114A.txt	
0	CCB1 / CCB	11/14/07	11:44:01	1.00	TAL20071114A.txt	
0	ICPBLCSP9 / LCSSP9	11/14/07	11:46:47	1.30	TAL20071114A.txt	cu
0	0008705-03S / MH24A3S	11/14/07	11:49:35	1.00	TAL20071114A.txt	122
0	0008708-08A / MH23H7A	11/14/07	11:52:24	1.00	TAL20071114A.txt	cu
0	ZZZZZ / ZZZZZ	11/14/07	11:55:14	1.00	TAL20071114A.txt	124
0	ZZZZZ / ZZZZZ	11/14/07	11:58:02	1.00	TAL20071114A.txt	125
0	ICPBLKQ3 / PBSQ3	11/14/07	12:00:49	1.00	TAL20071114A.txt	126
0	ZCRI / ZCRI	11/14/07	12:03:34	1.00	TAL20071114A.txt	
0	CRDL2 / CRI	11/14/07	12:06:15	1.00	TAL20071114A.txt	
0	ICS-A2 / ICSA	11/14/07	12:08:56	1.00	TAL20071114A.txt	
0	ICS-AB2 / ICSAB	11/14/07	12:11:44	1.00	TAL20071114A.txt	
0	CCV2 / CCV	11/14/07	12:14:24	1.00	TAL20071114A.txt	
0	CCB2 / CCB	11/14/07	12:17:00	1.00	TAL20071114A.txt	
0	ICPLCSQ3 / LCSSQ3	11/14/07	12:19:45	1.00	TAL20071114A.txt	127
0	0008709-01 / MH23K0	11/14/07	12:22:33	1.00	TAL20071114A.txt	128
0	0008709-02 / MH23K1	11/14/07	12:25:27	1.00	TAL20071114A.txt	129
0	0008709-02D / MH23K1D	11/14/07	12:28:16	1.00	TAL20071114A.txt	
0	0008709-02S / MH23K1S	11/14/07	12:31:05	1.00	TAL20071114A.txt	
0	0008709-02L / MH23K1L	11/14/07	12:33:52	5.00	TAL20071114A.txt	
0	0008709-03 / MH23K2	11/14/07	12:36:33	1.00	TAL20071114A.txt	
0	0008709-04 / MH23K3	11/14/07	12:39:27	1.00	TAL20071114A.txt	
0	0008709-05 / MH23K4	11/14/07	12:42:17	1.00	TAL20071114A.txt	00000059

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Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-0716/100 *Analysis Date:* 11/14/07
Sequence: TAL20071114A *Analyst/Date:* SAW 11/14/07
Method ILM05.4 *Reviewer/Date:*
SOP 2J806

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	BLANK / BLANK	11/14/07	12:45:06	1.00	TAL20071114A.txt	
0	CCV3 / CCV	11/14/07	12:47:51	1.00	TAL20071114A.txt	
0	CCB3 / CCB	11/14/07	12:50:27	1.00	TAL20071114A.txt	
0	0008709-06 / MH23K5	11/14/07	12:53:13	1.00	TAL20071114A.txt	
0	0008709-07 / MH23K6	11/14/07	12:56:03	1.00	TAL20071114A.txt	
0	0008709-08 / MH23K7	11/14/07	12:58:54	1.00	TAL20071114A.txt	
0	0008709-09 / MH23K8	11/14/07	13:01:35	1.00	TAL20071114A.txt	
0	0008709-10 / MH23K9	11/14/07	13:04:21	1.00	TAL20071114A.txt	
0	BLANK / BLANK	11/14/07	13:07:13	1.00	TAL20071114A.txt	
0	ZCRI / ZCRI	11/14/07	13:09:57	1.00	TAL20071114A.txt	
0	CRDL3 / CRI	11/14/07	13:12:39	1.00	TAL20071114A.txt	
0	ICS-A3 / ICSA	11/14/07	13:15:20	1.00	TAL20071114A.txt	
0	ICS-AB3 / ICSAB	11/14/07	13:18:07	1.00	TAL20071114A.txt	
0	CCV4 / CCV	11/14/07	13:20:49	1.00	TAL20071114A.txt	
0	CCB4 / CCB	11/14/07	13:23:26	1.00	TAL20071114A.txt	
0	0008709-11 / MH24D5	11/14/07	13:26:12	1.00	TAL20071114A.txt	
0	0008711-01 / MH23X6	11/14/07	13:29:03	1.00	TAL20071114A.txt	
0	0008711-02 / MH23X7	11/14/07	13:32:03	1.00	TAL20071114A.txt	
0	0008711-03 / MH23X8	11/14/07	13:34:49	1.00	TAL20071114A.txt	
0	0008711-04 / MH23X9	11/14/07	13:37:36	1.00	TAL20071114A.txt	
0	0008711-05 / MH23Y0	11/14/07	13:40:27	1.00	TAL20071114A.txt	
0	0008711-06 / MH23Y2	11/14/07	13:43:13	1.00	TAL20071114A.txt	
0	0008711-07 / MH23Y3	11/14/07	13:46:06	1.00	TAL20071114A.txt	
0	0008711-08 / MH23Y4	11/14/07	13:48:52	1.00	TAL20071114A.txt	
0	BLANK / BLANK	11/14/07	13:51:43	1.00	TAL20071114A.txt	
0	CCV5 / CCV	11/14/07	13:54:27	1.00	TAL20071114A.txt	
0	CCB5 / CCB	11/14/07	13:57:02	1.00	TAL20071114A.txt	
0	0008711-09 / MH23Y5	11/14/07	13:59:48	1.00	TAL20071114A.txt	
0	0008711-06 / MH23Y2	11/14/07	14:02:40	1.34	TAL20071114A.txt	FE
0	0008711-09 / MH23Y5	11/14/07	14:05:32	1.49	TAL20071114A.txt	FE

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Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-0716/100 *Analysis Date:* 11/14/07

Sequence: TAL20071114A *Analyst/Date:* BW 11/14/07

Method ICMO 5.4 *Reviewer/Date:*

SOP 2SOP06

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	ZZZZZ / ZZZZZ	11/14/07	14:08:24	1.00	TAL20071114A.txt	
0	ZZZZZ / ZZZZZ	11/14/07	14:11:11	1.00	TAL20071114A.txt	
0	BLANK / BLANK	11/14/07	14:13:57	1.00	TAL20071114A.txt	
0	ZCRI / ZCRI	11/14/07	14:16:41	1.00	TAL20071114A.txt	
0	CRDL4 / CRI	11/14/07	14:19:22	1.00	TAL20071114A.txt	
0	ICS-A4 / ICSA	11/14/07	14:22:03	1.00	TAL20071114A.txt	
0	ICS-AB4 / ICSAB	11/14/07	14:24:50	1.00	TAL20071114A.txt	
0	CCV6 / CCV	11/14/07	14:27:31	1.00	TAL20071114A.txt	
0	CCB6 / CCB	11/14/07	14:30:07	1.00	TAL20071114A.txt	

00000061

Sample Name: S0 Acquired: 11/14/2007 11:22:36 Type: Cal
Method: TAL20071114A 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	**-.00181**	**.00023**	**-.00004**	**.00056**	**.00023**	**.00704**
Stddev	.00003	.00018	.00007	.00025	.00009	.00024
%RSD	1.8677	78.353	150.85	44.450	40.478	3.4620
#1	-.00183	.00010	-.00009	.00039	.00016	.00722
#2	-.00178	.00035	.00000	.00074	.00030	.00687

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	**.00010**	**.00001**	**.00001**	**.00131**	**.00003**	**-.00135**
Stddev	.00010	.00006	.00001	.00007	.00000	.00016
%RSD	99.375	446.36	141.42	5.6567	1.5181	12.081
#1	.00017	.00006	.00000	.00126	.00003	-.00123
#2	.00003	-.00003	.00001	.00136	.00003	-.00146

Sample Name: S0 Acquired: 11/14/2007 11:22:36 Type: Cal
Method: TAL20071114A 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**	**.00038**	**.00326**	**.00126**	**-.00002**	**-.00003**
Stddev	.00001	.00004	.00005	.00001	.00004	.00004
%RSD	36.776	10.937	1.6663	.79767	232.86	127.30
#1	.00004	.00041	.00322	.00127	-.00004	-.00007
#2	.00002	.00035	.00330	.00126	.00001	.00000

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00001**	**.00000**	**-.00005**	**.00153**
Stddev	.00005	.0001	.00000	.00001
%RSD	657.79	2531.6	8.6974	.56901
#1	-.00003	.00006	-.00005	.00153
#2	.00005	-.00007	-.00004	.00152

Sample Name: S0 Acquired: 11/14/2007 11:22:36 Type: Cal
Method: TAL20071114A 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	**8103.8**	**9515.9**	**139280.**	**21974.**
Stddev	12.8	21.0	378.	180.
%RSD	.15824	.22069	.27141	.82026
#1	8112.9	9530.7	139550.	21847.
#2	8094.8	9501.0	139020.	22102.

Sample Name: S Acquired: 11/14/2007 11:25:20 Type: Cal
Method: TAL20071114A 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	**.19920**	**.39958**	**.03554**	**25.798**	**.75306**	**2.5070**
Stddev	.00521	.01331	.00023	.712	.02678	.0855
%RSD	2.6159	3.3302	.64644	2.7590	3.5563	3.4116
#1	.19552	.40899	.03538	26.301	.77200	2.5674
#2	.20288	.39017	.03570	25.295	.73412	2.4465

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	**.37368**	**2.4459**	**.07577**	**.36855**	**.33553**	**.40506**
Stddev	.00194	.0077	.00211	.00946	.01178	.01306
%RSD	.51828	.31382	2.7899	2.5681	3.5097	3.2234
#1	.37232	2.4404	.07427	.36186	.34386	.41429
#2	.37505	2.4513	.07726	.37524	.32720	.39583

Sample Name: S Acquired: 11/14/2007 11:25:20 Type: Cal
Method: TAL20071114A 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	**.23888**	**1.3324**	**2.0976**	**1.4568**	**.10440**	**.23084**
Stddev	.00821	.0374	.0693	.0038	.00021	.00289
%RSD	3.4365	2.8061	3.3035	.26376	.20245	1.2539
#1	.24468	1.3059	2.1466	1.4541	.10425	.22879
#2	.23307	1.3588	2.0486	1.4595	.10455	.23289

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	**.02838**	**.06203**	**.36898**	**1.8960**
Stddev	.00015	.00016	.01028	.0023
%RSD	.52520	.25517	2.7860	.12099
#1	.02827	.06192	.36172	1.8944
#2	.02848	.06214	.37625	1.8976

Sample Name: S Acquired: 11/14/2007 11:25:20 Type: Cal
Method: TAL20071114A 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	**7385.3**	**9259.1**	**133550.**	**21717.**
Stddev	19.9	38.5	3131.	517.
%RSD	.26947	.41586	2.3445	2.3812
#1	7399.4	9286.4	135770.	21351.
#2	7371.2	9231.9	131340.	22082.

Sample Name: ICV Acquired: 11/14/2007 11:27:59 Type: QC
Method: TAL20071114A 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	**478.46**	**2514.5**	**918.01**	**514.52**	**482.50**	**9940.3**
Stddev	6.24	15.3	2.93	.08	1.68	23.9
%RSD	1.3042	.61027	.31906	.01631	.34869	.24011
#1	482.87	2503.7	915.94	514.58	481.31	9923.4
#2	474.05	2525.4	920.09	514.46	483.69	9957.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**465.22**	**483.76**	**479.64**	**468.22**	**5040.4**	**9895.6**
Stddev	1.51	1.87	5.52	6.92	6.9	20.9
%RSD	.32394	.38666	1.1508	1.4778	.13701	.21132
#1	464.15	482.44	483.54	473.11	5035.5	9910.4
#2	466.28	485.09	475.74	463.33	5045.3	9880.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/14/2007 11:27:59 Type: QC
Method: TAL20071114A 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	**5928.3**	**485.82**	**9807.0**	**479.66**	**926.02**	**960.57**
Stddev	43.3	5.80	9.6	2.41	3.48	13.01
%RSD	.73068	1.1938	.09758	.50340	.37556	1.3544
#1	5897.6	489.92	9800.3	477.95	923.57	951.37
#2	5958.9	481.72	9813.8	481.37	928.48	969.77
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	**912.31**	**943.98**	**477.21**	**968.17**
Stddev	5.82	5.53	5.20	1.73
%RSD	.63756	.58570	1.0903	.17842
#1	908.20	940.07	480.89	966.95
#2	916.42	947.89	473.54	969.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV Acquired: 11/14/2007 11:27:59 Type: QC
Method: TAL20071114A 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	**7690.6**	**9345.9**	**137760.**	**21627.**
Stddev	29.5	31.1	786.	67.
%RSD	.38323	.33232	.57035	.31025
#1	7711.5	9367.8	137200.	21674.
#2	7669.8	9323.9	138310.	21580.

Sample Name: ICB Acquired: 11/14/2007 11:30:32 Type: QC
Method: TAL20071114A 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	**.19576**	**-2.8575**	**.15039**	**-.01168**	**.00786**	**-1.0195**
Stddev	.23709	1.6819	.43422	.08559	.01095	1.5264
%RSD	121.11	58.859	288.72	732.72	139.18	149.72
#1	.02811	-1.6682	.45743	.04884	.01560	.05982
#2	.36340	-4.0467	-.15664	-.07220	.00012	-2.0988
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	**-.05234**	**-.00545**	**-.20238**	**-.11354**	**1.0159**	**6.3294**
Stddev	.00548	.12575	.13265	.17251	.2439	7.5549
%RSD	10.476	2307.3	65.545	151.93	24.007	119.36
#1	-.05622	-.09437	-.29617	-.23553	.84345	.98723
#2	-.04846	.08347	-.10858	.00844	1.1884	11.672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 11/14/2007 11:30:32 Type: QC
Method: TAL20071114A 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	**7.9778**	**.00617**	**7.8187**	**-.03747**	**-.26990**	**18.154**
Stddev	10.202	.03362	5.4248	.22972	.08134	3.353
%RSD	127.88	544.55	69.382	613.01	30.136	18.470
#1	15.191	.02994	11.655	.12496	-.32742	20.525
#2	.76407	-.01760	3.9828	-.19991	-.21239	15.783
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	**1.2005**	**-1.0593**	**.04891**	**-.03775**
Stddev	.6754	.3050	.22541	.04571
%RSD	56.258	28.790	460.86	121.09
#1	.72295	-1.2750	-.11048	-.07007
#2	1.6781	-.84367	.20830	-.00543
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICB Acquired: 11/14/2007 11:30:32 Type: QC
Method: TAL20071114A 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	**8089.5**	**9530.7**	**139220.**	**21877.**
Stddev	94.3	121.8	339.	8.
%RSD	1.1653	1.2775	.24318	.03666
#1	8022.8	9444.6	139460.	21883.
#2	8156.1	9616.8	138980.	21872.

Sample Name: CRI Acquired: 11/14/2007 11:33:16 Type: QC
Method: TAL20071114A 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	**10.761**	**.01954**	**9.7155**	**.12856**	**5.1571**	**1.3508**
Stddev	.126	8.7479	.6804	.02687	.0412	1.1173
%RSD	1.1710	44763.	7.0032	20.904	.79969	82.716
#1	10.850	6.2052	10.197	.10956	5.1862	.56072
#2	10.672	-6.1661	9.2344	.14757	5.1279	2.1408
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	**5.0580**	**50.926**	**10.193**	**25.748**	**.42165**	**8.3776**
Stddev	.0039	.099	.529	.128	.54883	8.7691
%RSD	.07659	.19418	5.1934	.49854	130.16	104.67
#1	5.0607	50.856	10.567	25.657	.03357	14.578
#2	5.0552	50.996	9.8188	25.839	.80973	2.1769
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/14/2007 11:33:16 Type: QC
Method: TAL20071114A 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	**-.90006**	**16.183**	**4.1524**	**41.438**	**11.098**	**59.786**
Stddev	8.1712	.024	2.2114	.113	.013	.550
%RSD	907.86	.14647	53.255	.27337	.11674	.92009
#1	4.8779	16.200	5.7161	41.518	11.107	60.175
#2	-6.6780	16.167	2.5887	41.358	11.088	59.397
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**35.511**	**26.108**	**50.796**	**63.400**
Stddev	.505	.529	.151	.227
%RSD	1.4217	2.0250	.29670	.35828
#1	35.868	26.482	50.689	63.561
#2	35.154	25.734	50.902	63.240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/14/2007 11:33:16 Type: QC
Method: TAL20071114A 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	**7977.8**	**9415.5**	**139460.**	**22021.**
Stddev	4.0	3.5	256.	25.
%RSD	.05033	.03726	.18386	.11557
#1	7974.9	9417.9	139650.	22003.
#2	7980.6	9413.0	139280.	22039.

Sample Name: ICSA Acquired: 11/14/2007 11:35:57 Type: QC
Method: TAL20071114A 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	**2.3048**	**236940.**	**-.11838**	**-2.6035**	**1.3445**	**228620.**
Stddev	.3736	5733.	.33485	.0698	.0349	2132.
%RSD	16.208	2.4195	282.85	2.6824	2.5950	.93254
#1	2.0406	232890.	-.35516	-2.6529	1.3198	227110.
#2	2.5689	241000.	.11839	-2.5542	1.3691	230130.
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	**1.7614**	**3.1214**	**42.645**	**23.027**	**90126.**	**-86.959**
Stddev	.1597	.0860	.303	.062	2276.	10.219
%RSD	9.0685	2.7563	.71076	.26962	2.5248	11.752
#1	1.6485	3.0606	42.859	23.071	88517.	-79.733
#2	1.8744	3.1823	42.431	22.983	91735.	-94.185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/14/2007 11:35:57 Type: QC
Method: TAL20071114A 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	**239000.**	**15.286**	**682.77**	**16.540**	**4.1960**	**4.2192**
Stddev	6339.	.197	14.86	.164	1.2069	1.3214
%RSD	2.6522	1.2888	2.1765	.99070	28.764	31.319
#1	234520.	15.425	672.26	16.424	5.0494	3.2848
#2	243490.	15.146	693.28	16.656	3.3426	5.1536
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	**-6.4013**	**-2.2941**	**-.48731**	**24.516**
Stddev	.9882	.2008	.09923	.351
%RSD	15.437	8.7530	20.362	1.4327
#1	-7.1001	-2.4360	-.55747	24.765
#2	-5.7025	-2.1521	-.41714	24.268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/14/2007 11:35:57 Type: QC
Method: TAL20071114A 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	**6470.2**	**8621.7**	**126160.**	**21858.**
Stddev	.9	13.5	362.	447.
%RSD	.01335	.15636	.28703	2.0467
#1	6470.8	8631.2	125910.	22175.
#2	6469.6	8612.2	126420.	21542.

Sample Name: ICSAB Acquired: 11/14/2007 11:38:44 Type: QC
Method: TAL20071114A 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	**206.42**	**240240.**	**95.898**	**498.19**	**472.46**	**234060.**
Stddev	1.82	808.	1.607	2.32	2.12	1914.
%RSD	.88045	.33614	1.6760	.46658	.44852	.81769
#1	207.70	239670.	97.035	496.55	470.96	232710.
#2	205.13	240820.	94.762	499.83	473.96	235420.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**957.41**	**500.67**	**505.14**	**512.36**	**91775.**	**-101.26**
Stddev	10.19	6.70	7.57	4.93	305.	17.94
%RSD	1.0641	1.3387	1.4980	.96212	.33265	17.715
#1	964.62	505.41	510.49	515.84	91559.	-113.94
#2	950.21	495.93	499.79	508.87	91991.	-88.575
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/14/2007 11:38:44 Type: QC
Method: TAL20071114A 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	**242280.**	**490.02**	**694.40**	**1018.5**	**57.892**	**566.98**
Stddev	610.	5.02	5.04	13.1	1.007	6.70
%RSD	.25182	1.0243	.72592	1.2874	1.7395	1.1812
#1	241840.	493.57	690.83	1027.8	58.604	562.24
#2	242710.	486.47	697.96	1009.2	57.180	571.71
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	**51.141**	**94.105**	**471.26**	**1014.6**
Stddev	1.476	.560	4.75	15.0
%RSD	2.8856	.59542	1.0077	1.4790
#1	50.097	94.501	474.61	1025.2
#2	52.184	93.709	467.90	1004.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/14/2007 11:38:44 Type: QC
Method: TAL20071114A 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	**6478.4**	**8634.5**	**128120.**	**21653.**
Stddev	60.9	67.1	1007.	23.
%RSD	.93983	.77698	.78578	.10436
#1	6435.3	8587.0	127410.	21669.
#2	6521.4	8681.9	128830.	21637.

Sample Name: CCV Acquired: 11/14/2007 11:41:25 Type: QC
Method: TAL20071114A 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	**606.47**	**5219.0**	**245.83**	**5265.2**	**130.03**	**13143.**
Stddev	4.05	67.3	.90	71.8	1.99	202.
%RSD	.66738	1.2893	.36558	1.3635	1.5311	1.5370
#1	609.34	5171.4	245.20	5214.5	128.62	13000.
#2	603.61	5266.5	246.47	5316.0	131.44	13286.
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	**123.19**	**1216.0**	**485.08**	**602.27**	**2611.6**	**12892.**
Stddev	.74	3.4	2.19	2.47	43.0	208.
%RSD	.60267	.28314	.45137	.41054	1.6469	1.6169
#1	122.67	1213.6	486.63	604.02	2581.2	12744.
#2	123.72	1218.5	483.53	600.52	2642.0	13039.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/14/2007 11:41:25 Type: QC
Method: TAL20071114A 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	**13074.**	**1227.2**	**13084.**	**1222.4**	**244.59**	**1213.3**
Stddev	195.	9.7	176.	4.1	.28	21.0
%RSD	1.4882	.79375	1.3477	.33541	.11409	1.7268
#1	12937.	1234.1	12960.	1219.5	244.39	1198.5
#2	13212.	1220.3	13209.	1225.3	244.79	1228.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**243.71**	**245.86**	**1214.2**	**1221.3**
Stddev	.53	.86	10.6	3.1
%RSD	.21757	.34943	.87441	.25757
#1	244.09	245.25	1221.7	1219.1
#2	243.34	246.46	1206.7	1223.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/14/2007 11:41:25 Type: QC
Method: TAL20071114A 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	**7597.3**	**9318.6**	**136870.**	**20811.**
Stddev	18.1	34.7	648.	327.
%RSD	.23849	.37230	.47326	1.5724
#1	7610.1	9343.2	136410.	21042.
#2	7584.5	9294.1	137330.	20579.

Sample Name: CCB Acquired: 11/14/2007 11:44:01 Type: QC
Method: TAL20071114A 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	**.30714**	**4.4053**	**.33197**	**.23337**	**.04563**	**.47306**
Stddev	.23368	4.5445	.55145	.09540	.00418	.32834
%RSD	76.084	103.16	166.12	40.881	9.1503	69.408
#1	.47238	7.6187	.72190	.30083	.04268	.70523
#2	.14190	1.1919	-.05797	.16591	.04858	.24089
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	**-.04759**	**-.03813**	**-.19244**	**.28466**	**3.1191**	**17.964**
Stddev	.02968	.01318	.28314	.40695	.2223	2.230
%RSD	62.363	34.557	147.13	142.96	7.1254	12.413
#1	-.02660	-.04745	-.39266	-.00310	3.2762	19.541
#2	-.06858	-.02882	.00777	.57242	2.9619	16.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/14/2007 11:44:01 Type: QC
Method: TAL20071114A 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	**8.3749**	**.16024**	**2.9787**	**.09966**	**.49458**	**19.641**
Stddev	7.6455	.04268	5.4856	.14065	1.0820	2.988
%RSD	91.290	26.634	184.16	141.13	218.76	15.214
#1	2.9687	.13006	6.8576	.19911	-.27048	21.754
#2	13.781	.19042	-.90021	.00021	1.2596	17.528
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	**1.0698**	**-.25687**	**.28901**	**.08299**
Stddev	.0981	.67716	.21832	.08958
%RSD	9.1665	263.61	75.538	107.94
#1	1.1392	.22195	.13464	.14633
#2	1.0005	-.73569	.44339	.01964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/14/2007 11:44:01 Type: QC
Method: TAL20071114A 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	**8014.2**	**9430.7**	**132960.**	**22275.**
Stddev	42.9	43.5	7887.	348.
%RSD	.53517	.46077	5.9315	1.5618
#1	7983.8	9400.0	138540.	22521.
#2	8044.5	9461.5	127390.	22029.

Sample Name: ICPBLCSP9 Acquired: 11/14/2007 11:46:47 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSP9 Dilution: 1.3 Operator: SRV
Comment: CU

Elem	Ag3280	Al3961	As1890	Ba4554	Be3130	Ca3179
Line	328.068 {103}	396.152 { 85}	189.042 {478}	455.403 { 74}	313.042 {108}	317.933 {106}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**51.063**	**884.56**	**1941.5**	**9.6036**	**41.683**	**348150.**
Stddev	1.484	10.83	9.6	.0636	.132	2855.
%RSD	2.9053	1.2243	.49261	.66181	.31682	.81997
#1	52.112	876.91	1934.8	9.6486	41.776	346130.
#2	50.014	892.22	1948.3	9.5587	41.589	350170.
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	**97.382**	**322.49**	**228.35**	**13966.**	**51800.**	**276.08**
Stddev	.601	1.79	1.73	45.	131.	13.00
%RSD	.61735	.55407	.75663	.32251	.25375	4.7084
#1	96.957	321.23	227.12	13934.	51893.	266.89
#2	97.807	323.75	229.57	13998.	51707.	285.27
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ICPBLCSP9 Acquired: 11/14/2007 11:46:47 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSP9 Dilution: 1.3 Operator: SRV
Comment: CU

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	**220760.**	**574.61**	**312.87**	**128.81**	**445.58**	**510.50**
Stddev	108.	3.43	2.14	.03	4.50	1.17
%RSD	.04911	.59732	.68420	.02326	1.0110	.22828
#1	220680.	572.19	311.36	128.79	442.39	511.33
#2	220840.	577.04	314.38	128.83	448.76	509.68
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	**82.557**	**70.641**	**141.86**	**370.48**
Stddev	.602	.229	.11	1.85
%RSD	.72963	.32443	.07550	.49888
#1	82.131	70.479	141.78	369.17
#2	82.983	70.803	141.94	371.79
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICPBLCSP9 Acquired: 11/14/2007 11:46:47 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSP9 Dilution: 1.3 Operator: SRV
Comment: CU

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	**6288.7**	**8135.2**	**120870.**	**20385.**
Stddev	9.4	6.5	39.	101.
%RSD	.14934	.07986	.03233	.49737
#1	6282.1	8130.6	120850.	20313.
#2	6295.4	8139.8	120900.	20457.

Sample Name: 0008705-03S Acquired: 11/14/2007 11:49:35 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24A3S 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	**138.13**	**187760.**	**450.72**	**5777.0**	**93.320**	**34225.**
Stddev	.01	3097.	1.80	91.2	1.450	526.
%RSD	.00926	1.6497	.39914	1.5790	1.5533	1.5380
#1	138.12	189950.	449.45	5841.5	94.345	34597.
#2	138.14	185570.	451.99	5712.5	92.295	33853.
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	**123.06**	**1111.8**	**558.79**	**1328.9**	**195150.**	**44384.**
Stddev	.00	1.9	2.76	2.5	3260.	606.
%RSD	.00266	.16664	.49349	.18511	1.6703	1.3658
#1	123.06	1110.5	560.74	1330.7	197460.	44813.
#2	123.06	1113.1	556.84	1327.2	192850.	43955.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008705-03S Acquired: 11/14/2007 11:49:35 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24A3S 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	**38614.**	**8240.4**	**1152.4**	**1142.7**	**6190.8**	**401.84**
Stddev	634.	24.8	10.3	1.9	9.4	.89
%RSD	1.6427	.30054	.89533	.16954	.15204	.22105
#1	39063.	8257.9	1159.7	1141.3	6184.2	402.47
#2	38166.	8222.9	1145.1	1144.0	6197.5	401.21
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	**84.481**	**96.907**	**1233.8**	**7910.5**
Stddev	.410	.338	3.3	22.2
%RSD	.48565	.34929	.26410	.28111
#1	84.191	97.147	1236.1	7894.8
#2	84.771	96.668	1231.5	7926.3
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008705-03S Acquired: 11/14/2007 11:49:35 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24A3S 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	**6704.1**	**9703.3**	**141960.**	**23527.**
Stddev	21.0	37.4	1053.	511.
%RSD	.31294	.38498	.74140	2.1708
#1	6689.2	9676.9	141220.	23166.
#2	6718.9	9729.7	142710.	23889.

Sample Name: 0008708-08A Acquired: 11/14/2007 11:52:24 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7A Dilution: 1 Operator: SRV
Comment: CU

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	**118.52**	**142410.**	**678.07**	**1922.6**	**4.1926**	**67267.**
Stddev	.02	1090.	1.62	12.9	.0451	694.
%RSD	.01837	.76509	.23864	.66879	1.0767	1.0320
#1	118.50	141640.	679.21	1913.5	4.1607	66777.
#2	118.54	143190.	676.92	1931.7	4.2245	67758.
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	**101.99**	**98.173**	**162.39**	**2152.8**	**147350.**	**25378.**
Stddev	.02	.241	.61	1.6	601.	230.
%RSD	.02323	.24508	.37297	.07541	.40805	.90547
#1	102.00	98.343	162.82	2153.9	147780.	25215.
#2	101.97	98.003	161.97	2151.6	146930.	25540.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008708-08A Acquired: 11/14/2007 11:52:24 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7A Dilution: 1 Operator: SRV
Comment: CU

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	**35439.**	**11695.**	**3749.4**	**130.51**	**17857.**	**701.92**
Stddev	402.	14.	24.5	.59	39.	.69
%RSD	1.1357	.11833	.65255	.45442	.21918	.09770
#1	35155.	11685.	3732.1	130.93	17885.	701.44
#2	35724.	11704.	3766.7	130.09	17830.	702.41
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	**17.416**	**10.880**	**246.27**	**13381.**
Stddev	.197	.709	.66	44.
%RSD	1.1322	6.5131	.26998	.33055
#1	17.277	11.381	245.80	13412.
#2	17.556	10.379	246.74	13349.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008708-08A Acquired: 11/14/2007 11:52:24 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23H7A Dilution: 1 Operator: SRV
Comment: CU

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	**6826.1**	**9476.0**	**139210.**	**22710.**
Stddev	32.6	37.5	376.	114.
%RSD	.47695	.39624	.26992	.50409
#1	6803.1	9449.4	138940.	22791.
#2	6849.1	9502.5	139470.	22629.

Sample Name: ZZZZZ Acquired: 11/14/2007 11:55:14 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZZZZZ 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	**.08721**	**8.1669**	**1.5744**	**.17760**	**-.00195**	**8.0612**
Stddev	.42724	4.2446	.8506	.12358	.02138	3.2045
%RSD	489.88	51.973	54.030	69.584	1096.6	39.752
#1	.38932	11.168	.97289	.26498	.01317	10.327
#2	-.21489	5.1655	2.1759	.09021	-.01706	5.7953
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	**.02769**	**.06470**	**-.55521**	**.47203**	**16.990**	**3.0779**
Stddev	.00237	.10569	.14027	.81903	6.415	18.245
%RSD	8.5530	163.36	25.264	173.51	37.759	592.77
#1	.02936	-.01004	-.65440	-.10712	21.526	-9.8231
#2	.02601	.13944	-.45603	1.0512	12.454	15.979
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ZZZZZ Acquired: 11/14/2007 11:55:14 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZZZZZ 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	**.46479**	**3.3730**	**8.8999**	**.19174**	**7.2117**	**.86312**
Stddev	4.2245	3.1633	7.2559	.04160	2.0322	.49605
%RSD	908.91	93.782	81.528	21.694	28.179	57.472
#1	-2.5224	1.1362	14.031	.16233	8.6487	.51236
#2	3.4519	5.6097	3.7692	.22115	5.7747	1.2139
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	**-.08066**	**-.24549**	**.08376**	**5.5793**
Stddev	.02621	.30655	.01495	1.7316
%RSD	32.497	124.88	17.850	31.036
#1	-.09920	-.02872	.07319	6.8037
#2	-.06213	-.46225	.09433	4.3548
Check ?	None	None	None	None
Value				
Range				

Sample Name: ZZZZZ Acquired: 11/14/2007 11:55:14 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZZZZZ 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	**8190.3**	**9644.1**	**142820.**	**21645.**
Stddev	18.2	39.3	357.	803.
%RSD	.22255	.40771	.24972	3.7088
#1	8203.2	9671.9	143080.	21077.
#2	8177.4	9616.3	142570.	22212.

Sample Name: ZZZZZ Acquired: 11/14/2007 11:58:02 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZZZZZ 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	**.16930**	**5.7126**	**.33224**	**.06275**	**.03967**	**1.2244**
Stddev	.01732	5.8922	.34047	.09586	.00401	.3379
%RSD	10.232	103.14	102.48	152.77	10.113	27.595
#1	.18155	1.5461	.09149	.13053	.04251	.98551
#2	.15705	9.8790	.57299	-.00504	.03683	1.4633
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	**.01104**	**-.04063**	**-.42284**	**-.20406**	**6.2504**	**-10.140**
Stddev	.02100	.06668	.12408	.03592	.1403	6.124
%RSD	190.29	164.12	29.343	17.603	2.2444	60.399
#1	-.00381	-.08778	-.51058	-.17866	6.1512	-5.8093
#2	.02588	.00652	-.33511	-.22946	6.3496	-14.470
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ZZZZZ Acquired: 11/14/2007 11:58:02 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZZZZZ 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	**8.9115**	**.29623**	**3.5637**	**-.12157**	**.94311**	**.32795**
Stddev	1.5094	.03624	3.7029	.24245	.08515	.11229
%RSD	16.938	12.233	103.91	199.43	9.0285	34.241
#1	9.9788	.32185	6.1821	-.29300	.88290	.24855
#2	7.8442	.27061	.94533	.04987	1.0033	.40736
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	**.54336**	**-.62302**	**.31135**	**.95407**
Stddev	.27956	.55961	.13328	.89673
%RSD	51.451	89.823	42.808	93.990
#1	.74104	-.22731	.40559	.31999
#2	.34568	-1.0187	.21710	1.5882
Check ?	None	None	None	None
Value				
Range				

Sample Name: ZZZZZ Acquired: 11/14/2007 11:58:02 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZZZZZ 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	**8120.4**	**9539.8**	**141880.**	**21967.**
Stddev	22.4	19.8	1181.	185.
%RSD	.27548	.20729	.83251	.84293
#1	8136.2	9553.7	141040.	22098.
#2	8104.6	9525.8	142710.	21836.

Sample Name: ICPBLKQ3 Acquired: 11/14/2007 12:00:49 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSQ3 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	**-.22580**	**2.1549**	**-.50391**	**.06561**	**-.00122**	**1.5199**
Stddev	.10762	9.3832	1.0365	.03568	.02526	.9792
%RSD	47.662	435.43	205.69	54.383	2068.5	64.426
#1	-.14970	8.7899	-1.2368	.04038	-.01909	2.2122
#2	-.30190	-4.4800	.22902	.09084	.01664	.82747
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	**-.03195**	**-.04103**	**-.23212**	**-.17941**	**4.4091**	**.32807**
Stddev	.00553	.02096	.20998	.08087	.3542	.74091
%RSD	17.324	51.084	90.459	45.077	8.0325	225.84
#1	-.02803	-.02621	-.38060	-.23660	4.6596	-.19583
#2	-.03586	-.05585	-.08365	-.12222	4.1587	.85197
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ICPBLKQ3 Acquired: 11/14/2007 12:00:49 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSQ3 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	**.79517**	**.17352**	**9.3870**	**.00455**	**.07364**	**-.53272**
Stddev	14.573	.00125	2.8530	.09690	.21170	1.2249
%RSD	1832.6	.72207	30.393	2130.2	287.47	229.93
#1	-9.5093	.17263	11.404	.07307	.22334	.33341
#2	11.100	.17440	7.3697	-.06397	-.07605	-1.3989
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	**-.79404**	**-.26526**	**-.14411**	**.16190**
Stddev	.13071	.83968	.21899	.32908
%RSD	16.461	316.55	151.96	203.25
#1	-.70162	.32848	.01074	-.07079
#2	-.88646	-.85900	-.29896	.39460
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICPBLKQ3 Acquired: 11/14/2007 12:00:49 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: PBSQ3 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	**8107.1**	**9492.0**	**139350.**	**21718.**
Stddev	4.9	8.7	1028.	234.
%RSD	.06011	.09162	.73751	1.0755
#1	8103.6	9485.9	138620.	21553.
#2	8110.5	9498.2	140080.	21883.

Sample Name: ZCRI Acquired: 11/14/2007 12:03:34 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.897**	**7.1753**	**10.421**	**.08009**	**5.1766**	**2.0372**
Stddev	.080	2.6653	.713	.06141	.2064	.8074
%RSD	.73530	37.145	6.8402	76.668	3.9875	39.631
#1	10.954	9.0599	9.9166	.03667	5.3225	1.4663
#2	10.841	5.2907	10.925	.12351	5.0306	2.6081
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	**5.0677**	**51.403**	**10.198**	**26.115**	**3.8016**	**19.240**
Stddev	.1573	.975	.304	.041	.3544	29.395
%RSD	3.1044	1.8965	2.9821	.15740	9.3235	152.78
#1	4.9565	50.713	9.9825	26.086	3.5510	-1.5452
#2	5.1789	52.092	10.413	26.144	4.0523	40.025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 11/14/2007 12:03:34 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**6.4627**	**16.488**	**8.9363**	**41.458**	**11.206**	**50.558**
Stddev	2.4255	.083	5.1022	.794	.417	2.197
%RSD	37.531	.50300	57.095	1.9150	3.7178	4.3456
#1	4.7476	16.547	12.544	40.897	10.911	49.004
#2	8.1778	16.430	5.3285	42.019	11.500	52.111
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**34.807**	**27.006**	**51.372**	**63.072**
Stddev	.496	.233	.063	1.250
%RSD	1.4263	.86141	.12223	1.9815
#1	34.456	26.842	51.328	62.188
#2	35.158	27.171	51.417	63.956
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 11/14/2007 12:03:34 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	**7974.0**	**9351.7**	**139080.**	**21794.**
Stddev	136.6	158.5	55.	737.
%RSD	1.7135	1.6948	.03985	3.3815
#1	8070.6	9463.8	139040.	21273.
#2	7877.4	9239.6	139120.	22315.

Sample Name: CRI Acquired: 11/14/2007 12:06:15 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.752**	**4.6640**	**9.9073**	**.10366**	**5.2099**	**.80321**
Stddev	.185	.1956	.2218	.02495	.1868	.93419
%RSD	1.7189	4.1935	2.2392	24.067	3.5848	116.31
#1	10.621	4.8023	10.064	.08602	5.3419	1.4638
#2	10.882	4.5257	9.7504	.12130	5.0778	.14263
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	**4.9630**	**50.374**	**10.436**	**25.991**	**3.4053**	**34.994**
Stddev	.0151	.115	.154	.042	.0433	15.474
%RSD	.30387	.22868	1.4723	.16023	1.2727	44.217
#1	4.9524	50.455	10.327	25.961	3.4359	24.053
#2	4.9737	50.292	10.544	26.020	3.3746	45.936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/14/2007 12:06:15 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-5.5053**	**16.110**	**4.1249**	**41.039**	**11.113**	**54.519**
Stddev	10.374	.161	8.1212	.081	.308	.952
%RSD	188.44	1.0013	196.88	.19806	2.7705	1.7468
#1	1.8304	15.996	9.8674	41.097	11.331	53.846
#2	-12.841	16.224	-1.6177	40.982	10.895	55.193
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**34.570**	**26.307**	**50.840**	**62.627**
Stddev	1.559	.482	.007	.131
%RSD	4.5092	1.8308	.01393	.20956
#1	35.672	25.967	50.835	62.719
#2	33.468	26.648	50.845	62.534
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/14/2007 12:06:15 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8047.6**	**9472.6**	**140370.**	**21833.**
Stddev	10.4	16.3	462.	510.
%RSD	.12970	.17227	.32894	2.3363
#1	8055.0	9484.1	140700.	21472.
#2	8040.2	9461.1	140040.	22194.

Sample Name: ICSA Acquired: 11/14/2007 12:08:56 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.70340**	**248120.**	**1.2697**	**-2.7381**	**1.4732**	**242790.**
Stddev	.06132	3436.	.2814	.0604	.0207	4515.
%RSD	8.7170	1.3849	22.161	2.2065	1.4055	1.8595
#1	-.74676	250550.	1.4686	-2.6953	1.4586	245980.
#2	-.66005	245690.	1.0707	-2.7808	1.4879	239590.
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	**1.7303**	**3.0400**	**43.691**	**21.977**	**96479.**	**-94.308**
Stddev	.0123	.0455	1.293	.635	1191.	44.253
%RSD	.70994	1.4952	2.9590	2.8905	1.2345	46.924
#1	1.7390	3.0721	42.776	21.527	97321.	-63.017
#2	1.7216	3.0078	44.605	22.426	95637.	-125.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/14/2007 12:08:56 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**258000.**	**15.096**	**722.64**	**16.749**	**3.9077**	**3.3465**
Stddev	3385.	.823	11.13	.181	.2362	.1459
%RSD	1.3120	5.4525	1.5394	1.0817	6.0435	4.3609
#1	260400.	14.514	730.50	16.877	3.7407	3.4497
#2	255610.	15.678	714.77	16.621	4.0747	3.2433
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-5.2480**	**-2.1475**	**-.65090**	**26.036**
Stddev	1.8295	.0595	.26803	.035
%RSD	34.862	2.7730	41.178	.13462
#1	-6.5417	-2.1054	-.84043	26.011
#2	-3.9543	-2.1896	-.46138	26.060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/14/2007 12:08:56 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**6595.9**	**8893.0**	**125850.**	**20452.**
Stddev	5.0	1.9	2479.	217.
%RSD	.07587	.02097	1.9701	1.0601
#1	6599.4	8894.3	127600.	20299.
#2	6592.3	8891.7	124090.	20605.

Sample Name: ICSAB Acquired: 11/14/2007 12:11:44 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**212.01**	**244540.**	**94.900**	**503.06**	**482.37**	**239690.**
Stddev	.02	442.	1.206	.10	.99	918.
%RSD	.00751	.18062	1.2710	.02022	.20517	.38309
#1	212.02	244220.	95.753	502.99	481.67	240340.
#2	212.00	244850.	94.047	503.13	483.07	239040.
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	**954.03**	**508.95**	**532.68**	**521.14**	**95104.**	**-129.07**
Stddev	.09	.07	1.77	.71	320.	24.39
%RSD	.00961	.01345	.33179	.13605	.33632	18.898
#1	953.96	509.00	531.43	520.64	94878.	-111.82
#2	954.09	508.90	533.93	521.64	95330.	-146.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/14/2007 12:11:44 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**255050.**	**516.52**	**717.38**	**1037.2**	**62.322**	**554.62**
Stddev	606.	.54	4.21	1.4	.385	15.60
%RSD	.23768	.10532	.58737	.13731	.61740	2.8131
#1	254620.	516.14	720.36	1038.2	62.594	543.59
#2	255480.	516.91	714.40	1036.2	62.050	565.65
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	**54.186**	**94.019**	**494.61**	**1067.6**
Stddev	.163	.220	1.37	2.1
%RSD	.30029	.23452	.27642	.19535
#1	54.301	94.175	493.64	1069.1
#2	54.071	93.863	495.58	1066.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/14/2007 12:11:44 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**6581.7**	**8864.3**	**125270.**	**20719.**
Stddev	3.9	3.2	375.	40.
%RSD	.05950	.03645	.29902	.19198
#1	6579.0	8866.6	125540.	20747.
#2	6584.5	8862.0	125010.	20691.

Sample Name: CCV Acquired: 11/14/2007 12:14:24 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**609.92**	**5129.6**	**244.00**	**5070.5**	**127.62**	**13003.**
Stddev	8.16	231.8	1.18	233.7	5.45	535.
%RSD	1.3386	4.5192	.48537	4.6096	4.2684	4.1112
#1	604.15	5293.5	243.16	5235.8	131.48	13381.
#2	615.70	4965.6	244.83	4905.2	123.77	12625.
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	**120.61**	**1225.8**	**505.33**	**581.99**	**2615.4**	**12976.**
Stddev	.11	.0	6.98	8.92	117.4	588.
%RSD	.09513	.00205	1.3817	1.5324	4.4889	4.5278
#1	120.53	1225.8	500.39	575.68	2698.4	13392.
#2	120.69	1225.8	510.27	588.30	2532.4	12561.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/14/2007 12:14:24 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12908.**	**1245.7**	**12656.**	**1240.0**	**246.40**	**1177.9**
Stddev	555.	18.4	557.	.9	.17	16.4
%RSD	4.2992	1.4791	4.4023	.07590	.06787	1.3966
#1	13301.	1232.7	13050.	1240.7	246.28	1166.2
#2	12516.	1258.7	12262.	1239.4	246.52	1189.5
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	**240.62**	**245.30**	**1214.6**	**1283.6**
Stddev	.73	1.32	18.5	2.2
%RSD	.30401	.53767	1.5256	.16918
#1	240.11	246.24	1201.5	1285.1
#2	241.14	244.37	1227.7	1282.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/14/2007 12:14:24 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**7705.6**	**9684.2**	**136860.**	**20788.**
Stddev	1.8	16.6	1937.	586.
%RSD	.02329	.17119	1.4153	2.8205
#1	7706.9	9695.9	138220.	20373.
#2	7704.4	9672.4	135490.	21203.

Sample Name: CCB Acquired: 11/14/2007 12:17:00 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.20707**	**11.022**	**.08870**	**.72034**	**.08395**	**13.567**
Stddev	.40552	4.271	.79793	.15522	.00444	.128
%RSD	195.84	38.753	899.63	21.548	5.2878	.94409
#1	-.49381	14.042	.65291	.83009	.08709	13.658
#2	.07968	8.0013	-.47552	.61059	.08081	13.477
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	**.19281**	**.40793**	**-.07011**	**.22752**	**6.3300**	**-6.5841**
Stddev	.00153	.05259	.09006	.00808	.5036	41.870
%RSD	.79351	12.891	128.46	3.5496	7.9551	635.91
#1	.19173	.37075	-.00643	.23323	5.9740	23.022
#2	.19389	.44512	-.13379	.22181	6.6861	-36.190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/14/2007 12:17:00 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**22.012**	**.23361**	**1.8911**	**.64216**	**-.69534**	**20.337**
Stddev	4.188	.03264	.2747	.04699	.34379	1.908
%RSD	19.027	13.970	14.525	7.3179	49.443	9.3821
#1	24.973	.21054	2.0853	.67539	-.45224	21.686
#2	19.050	.25669	1.6968	.60893	-.93844	18.988
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	**.18597**	**-.20727**	**.49666**	**.65202**
Stddev	.09740	.33580	.12586	.08949
%RSD	52.373	162.01	25.341	13.726
#1	.11710	-.44471	.40766	.71530
#2	.25484	.03017	.58565	.58873
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/14/2007 12:17:00 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8038.9**	**9736.3**	**138230.**	**20961.**
Stddev	31.2	40.2	657.	27.
%RSD	.38823	.41275	.47536	.12778
#1	8061.0	9764.7	137760.	20942.
#2	8016.9	9707.9	138690.	20980.

Sample Name: ICPLCSQ3 Acquired: 11/14/2007 12:19:45 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSQ3 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	**64.889**	**1025.9**	**2563.5**	**11.973**	**49.682**	**461370.**
Stddev	.878	27.3	16.5	.361	.879	1461.
%RSD	1.3533	2.6578	.64509	3.0168	1.7686	.31661
#1	65.510	1006.6	2551.9	11.718	49.061	462410.
#2	64.268	1045.2	2575.2	12.229	50.304	460340.
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	**121.26**	**413.51**	**287.89**	**18495.**	**63649.**	**149.60**
Stddev	.37	2.58	.79	31.	1171.	38.64
%RSD	.30855	.62385	.27477	.16794	1.8394	25.827
#1	120.99	411.68	287.33	18473.	62821.	122.28
#2	121.52	415.33	288.44	18517.	64477.	176.92
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ICPLCSQ3 Acquired: 11/14/2007 12:19:45 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSQ3 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	**301160.**	**640.39**	**258.68**	**169.93**	**597.81**	**646.43**
Stddev	5981.	1.69	13.89	1.11	4.34	1.50
%RSD	1.9861	.26322	5.3704	.65504	.72639	.23136
#1	296930.	639.20	248.86	169.14	594.74	645.37
#2	305390.	641.58	268.50	170.72	600.89	647.49
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	**102.74**	**87.594**	**183.54**	**504.24**
Stddev	1.19	.512	.33	4.82
%RSD	1.1620	.58476	.17753	.95554
#1	101.89	87.232	183.31	500.84
#2	103.58	87.956	183.77	507.65
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICPLCSQ3 Acquired: 11/14/2007 12:19:45 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: LCSSQ3 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	**6238.9**	**8331.9**	**119560.**	**20341.**
Stddev	3.6	22.6	418.	201.
%RSD	.05720	.27074	.34956	.98794
#1	6241.4	8316.0	119260.	20483.
#2	6236.4	8347.9	119850.	20199.

Sample Name: 0008709-01 Acquired: 11/14/2007 12:22:33 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K0 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	**2.8373**	**127480.**	**87.735**	**1658.2**	**3.7855**	**86269.**
Stddev	.7016	47.	.111	3.1	.0824	125.
%RSD	24.728	.03668	.12612	.18568	2.1767	.14532
#1	3.3334	127510.	87.814	1660.4	3.8438	86181.
#2	2.3412	127450.	87.657	1656.0	3.7272	86358.
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	**8.4348**	**97.293**	**186.70**	**216.28**	**164470.**	**24872.**
Stddev	.0543	.130	.49	.01	653.	72.
%RSD	.64361	.13380	.26058	.00342	.39693	.28906
#1	8.4732	97.385	187.05	216.29	164930.	24923.
#2	8.3964	97.201	186.36	216.28	164010.	24822.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-01 Acquired: 11/14/2007 12:22:33 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K0 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	**37885.**	**6116.5**	**5628.7**	**117.77**	**619.78**	**33.976**
Stddev	129.	23.5	7.3	.17	1.02	.501
%RSD	.34066	.38397	.12919	.14696	.16474	1.4748
#1	37794.	6099.9	5633.8	117.89	620.50	34.330
#2	37977.	6133.1	5623.5	117.64	619.06	33.622
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	**.67122**	**-2.5766**	**324.72**	**1216.5**
Stddev	.08146	.6704	.92	2.0
%RSD	12.136	26.018	.28338	.16741
#1	.61362	-2.1026	324.07	1217.9
#2	.72881	-3.0506	325.37	1215.0
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-01 Acquired: 11/14/2007 12:22:33 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K0 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	**6905.5**	**9826.5**	**138470.**	**22219.**
Stddev	20.9	25.8	164.	114.
%RSD	.30211	.26263	.11834	.51452
#1	6890.7	9808.3	138580.	22138.
#2	6920.2	9844.8	138350.	22300.

Sample Name: 0008709-02 Acquired: 11/14/2007 12:25:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1 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	**126.99**	**139780.**	**766.16**	**1871.2**	**4.3474**	**39744.**
Stddev	1.62	3288.	1.51	43.1	.0740	1011.
%RSD	1.2723	2.3522	.19664	2.3012	1.7020	2.5429
#1	128.13	137460.	765.10	1840.7	4.2951	39029.
#2	125.84	142110.	767.23	1901.6	4.3997	40458.
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	**75.151**	**97.576**	**188.01**	**1500.5**	**162770.**	**28600.**
Stddev	.213	.231	3.14	25.8	1485.	641.
%RSD	.28289	.23639	1.6709	1.7214	.91232	2.2405
#1	75.001	97.413	190.23	1518.8	161720.	28147.
#2	75.301	97.739	185.79	1482.2	163820.	29053.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-02 Acquired: 11/14/2007 12:25:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1 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	**36479.**	**7885.1**	**2265.8**	**134.38**	**17088.**	**592.18**
Stddev	910.	74.8	63.9	.10	36.	.29
%RSD	2.4936	.94810	2.8215	.07799	.21138	.04904
#1	35835.	7938.0	2220.6	134.30	17062.	591.98
#2	37122.	7832.3	2311.0	134.45	17113.	592.39
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**10.704**	**6.9687**	**310.75**	**15074.**
Stddev	2.159	.9500	5.02	56.
%RSD	20.168	13.633	1.6149	.37198
#1	9.1774	7.6405	314.30	15035.
#2	12.230	6.2969	307.20	15114.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-02 Acquired: 11/14/2007 12:25:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1 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	**6958.3**	**9979.0**	**139050.**	**22701.**
Stddev	10.6	13.0	2096.	378.
%RSD	.15234	.13019	1.5071	1.6664
#1	6950.8	9969.8	137570.	22969.
#2	6965.8	9988.1	140540.	22434.

Sample Name: 0008709-02D Acquired: 11/14/2007 12:28:16 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1D 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**121.84**	**132340.**	**743.99**	**1265.0**	**3.8762**	**37777.**
Stddev	.22	6611.	.08	60.9	.1981	1767.
%RSD	.17865	4.9959	.01039	4.8145	5.1100	4.6766
#1	121.69	127660.	743.94	1221.9	3.7362	36527.
#2	122.00	137010.	744.05	1308.1	4.0163	39026.
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	**71.882**	**82.286**	**186.14**	**1441.5**	**157080.**	**27063.**
Stddev	.096	.036	.11	2.1	4309.	1292.
%RSD	.13412	.04391	.05720	.14674	2.7433	4.7750
#1	71.950	82.312	186.07	1443.0	154040.	26149.
#2	71.813	82.261	186.22	1440.0	160130.	27977.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-02D Acquired: 11/14/2007 12:28:16 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1D 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**34331.**	**5720.6**	**2247.2**	**126.54**	**16774.**	**573.26**
Stddev	1609.	16.1	99.1	.26	47.	1.26
%RSD	4.6873	.28147	4.4108	.20182	.28006	.21927
#1	33193.	5709.2	2177.1	126.72	16807.	574.15
#2	35469.	5732.0	2317.3	126.36	16741.	572.37
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**7.2417**	**3.5900**	**306.30**	**14692.**
Stddev	.9357	.7108	.91	10.
%RSD	12.921	19.801	.29590	.07059
#1	6.5801	4.0926	305.66	14700.
#2	7.9034	3.0874	306.94	14685.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-02D Acquired: 11/14/2007 12:28:16 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1D 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	**6952.0**	**9970.4**	**140060.**	**23291.**
Stddev	40.3	44.1	80.	682.
%RSD	.57901	.44216	.05743	2.9282
#1	6923.5	9939.2	140110.	23773.
#2	6980.5	10002.	140000.	22809.

Sample Name: 0008709-02S Acquired: 11/14/2007 12:31:05 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1S 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**219.91**	**154360.**	**918.99**	**5433.7**	**89.035**	**43743.**
Stddev	.02	549.	6.61	8.8	.270	111.
%RSD	.00761	.35571	.71883	.16114	.30339	.25456
#1	219.90	153970.	914.32	5427.5	88.844	43664.
#2	219.92	154750.	923.66	5439.9	89.226	43822.
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	**161.47**	**1088.8**	**551.91**	**2071.9**	**178240.**	**30779.**
Stddev	.73	9.2	.52	1.6	634.	120.
%RSD	.45462	.84860	.09476	.07761	.35555	.39106
#1	160.95	1082.3	552.28	2073.1	177790.	30694.
#2	161.99	1095.4	551.54	2070.8	178690.	30864.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-02S Acquired: 11/14/2007 12:31:05 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1S 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**39760.**	**8841.6**	**2726.9**	**1113.9**	**19893.**	**814.93**
Stddev	189.	30.1	14.8	8.3	147.	5.92
%RSD	.47638	.34025	.54269	.74667	.73754	.72685
#1	39626.	8862.8	2716.4	1108.0	19789.	810.75
#2	39894.	8820.3	2737.4	1119.7	19997.	819.12
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	**91.065**	**95.619**	**1211.9**	**17412.**
Stddev	1.324	1.508	1.8	128.
%RSD	1.4542	1.5772	.15061	.73645
#1	90.129	94.552	1213.2	17321.
#2	92.002	96.685	1210.6	17503.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-02S Acquired: 11/14/2007 12:31:05 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1S 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	**6917.4**	**10045.**	**142860.**	**22880.**
Stddev	36.7	38.	605.	51.
%RSD	.53078	.37350	.42319	.22121
#1	6943.3	10071.	142430.	22916.
#2	6891.4	10018.	143290.	22844.

Sample Name: 0008709-02L Acquired: 11/14/2007 12:33:52 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1L Dilution: 5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**28.556**	**31528.**	**173.40**	**421.17**	**1.0388**	**9173.3**
Stddev	.736	925.	3.18	12.56	.0614	274.5
%RSD	2.5765	2.9344	1.8363	2.9812	5.9057	2.9926
#1	29.076	32182.	171.15	430.05	1.0822	9367.4
#2	28.036	30874.	175.65	412.30	.99540	8979.2
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664
Line	228.802 {447}	228.616 {447}	267.716 {126}	324.754 {104}	259.940 {130}	766.490 { 44}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**17.045**	**20.545**	**41.590**	**316.37**	**39019.**	**6524.5**
Stddev	.246	.448	.698	4.00	1106.	135.3
%RSD	1.4422	2.1783	1.6792	1.2655	2.8337	2.0745
#1	16.871	20.229	42.084	319.20	39801.	6620.2
#2	17.218	20.862	41.096	313.54	38238.	6428.8
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-02L Acquired: 11/14/2007 12:33:52 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1L Dilution: 5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**8400.7**	**1847.6**	**516.16**	**28.235**	**3595.6**	**136.38**
Stddev	274.8	30.2	14.16	.833	64.6	2.87
%RSD	3.2705	1.6362	2.7441	2.9515	1.7954	2.1056
#1	8594.9	1869.0	526.17	27.646	3550.0	134.35
#2	8206.4	1826.2	506.14	28.824	3641.3	138.41
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	**2.0421**	**1.2795**	**67.684**	**3202.3**
Stddev	.8978	.5239	1.081	59.4
%RSD	43.965	40.947	1.5972	1.8554
#1	2.6769	.90902	68.448	3160.3
#2	1.4072	1.6499	66.919	3244.3
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-02L Acquired: 11/14/2007 12:33:52 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K1L Dilution: 5 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	**7686.1**	**9909.5**	**140530.**	**21770.**
Stddev	124.9	156.9	1870.	436.
%RSD	1.6248	1.5836	1.3310	2.0010
#1	7774.4	10020.	139200.	21462.
#2	7597.8	9798.5	141850.	22078.

Sample Name: 0008709-03 Acquired: 11/14/2007 12:36:33 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K2 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**9.9226**	**47143.**	**105.32**	**1024.3**	**1.6716**	**197130.**
Stddev	.1217	174.	.94	4.5	.0533	384.
%RSD	1.2261	.36911	.89394	.44276	3.1893	.19465
#1	9.8366	47020.	105.98	1021.1	1.6339	196860.
#2	10.009	47266.	104.65	1027.5	1.7093	197400.
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	**8.9555**	**84.742**	**70.904**	**172.20**	**96068.**	**11594.**
Stddev	.0129	.430	.316	.32	513.	98.
%RSD	.14414	.50728	.44611	.18311	.53428	.84158
#1	8.9463	85.046	70.680	172.42	95705.	11525.
#2	8.9646	84.438	71.127	171.97	96431.	11663.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-03 Acquired: 11/14/2007 12:36:33 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K2 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**21172.**	**15579.**	**2830.0**	**48.340**	**1177.1**	**33.414**
Stddev	173.	19.	18.4	.220	3.2	.710
%RSD	.81735	.12071	.64848	.45584	.27133	2.1237
#1	21050.	15565.	2817.0	48.496	1179.4	33.915
#2	21294.	15592.	2842.9	48.184	1174.9	32.912
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**10.982**	**7.3299**	**110.19**	**1200.2**
Stddev	.507	.0433	.44	3.2
%RSD	4.6156	.59122	.39866	.26913
#1	10.623	7.2993	109.88	1202.5
#2	11.340	7.3606	110.50	1197.9
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-03 Acquired: 11/14/2007 12:36:33 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K2 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	**6913.8**	**9205.8**	**131170.**	**21363.**
Stddev	53.3	61.4	169.	3.
%RSD	.77046	.66710	.12886	.01233
#1	6876.1	9162.4	131050.	21365.
#2	6951.4	9249.2	131290.	21361.

Sample Name: 0008709-04 Acquired: 11/14/2007 12:39:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K3 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**129.42**	**166380.**	**703.12**	**1643.8**	**5.4630**	**49030.**
Stddev	.01	5428.	1.48	55.1	.1470	1525.
%RSD	.00655	3.2626	.21013	3.3523	2.6907	3.1111
#1	129.41	170220.	702.07	1682.8	5.5670	50109.
#2	129.43	162540.	704.16	1604.9	5.3591	47951.
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	**80.066**	**80.901**	**188.43**	**1524.6**	**174500.**	**36234.**
Stddev	.083	.019	.57	3.5	3582.	1177.
%RSD	.10322	.02357	.30036	.22877	2.0529	3.2480
#1	80.125	80.888	188.03	1527.1	177030.	37067.
#2	80.008	80.915	188.83	1522.1	171970.	35402.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-04 Acquired: 11/14/2007 12:39:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K3 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**46737.**	**6091.0**	**3057.1**	**137.80**	**16371.**	**588.72**
Stddev	1439.	13.9	109.5	.13	25.	2.16
%RSD	3.0794	.22738	3.5830	.09656	.15105	.36656
#1	47755.	6081.2	3134.6	137.90	16353.	590.24
#2	45719.	6100.8	2979.7	137.71	16388.	587.19
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	**9.6709**	**4.8095**	**282.63**	**16261.**
Stddev	.3842	.0661	.58	49.
%RSD	3.9731	1.3746	.20465	.30082
#1	9.9426	4.7627	283.04	16227.
#2	9.3992	4.8562	282.22	16296.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-04 Acquired: 11/14/2007 12:39:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K3 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	**6930.6**	**10008.**	**141050.**	**22074.**
Stddev	19.5	24.	482.	727.
%RSD	.28078	.23717	.34147	3.2942
#1	6916.8	9990.9	140710.	21560.
#2	6944.3	10024.	141390.	22588.

Sample Name: 0008709-05 Acquired: 11/14/2007 12:42:17 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K4 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**15.291**	**167940.**	**153.72**	**1634.7**	**5.9985**	**43168.**
Stddev	.465	222.	.75	4.7	.0437	78.
%RSD	3.0432	.13242	.48920	.28467	.72864	.18110
#1	14.962	168100.	154.26	1638.0	5.9676	43113.
#2	15.620	167780.	153.19	1631.4	6.0294	43223.
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	**21.469**	**92.556**	**185.76**	**375.98**	**165360.**	**34069.**
Stddev	.298	.510	.18	.03	1104.	37.
%RSD	1.3871	.55060	.09739	.00680	.66790	.10970
#1	21.680	92.916	185.63	375.96	166140.	34096.
#2	21.259	92.196	185.89	376.00	164570.	34043.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-05 Acquired: 11/14/2007 12:42:17 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K4 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**45265.**	**5806.1**	**1343.6**	**147.45**	**2396.3**	**101.44**
Stddev	84.	21.1	6.7	.97	11.8	1.72
%RSD	.18547	.36366	.50051	.66115	.49349	1.6944
#1	45206.	5791.2	1348.3	148.13	2404.7	102.65
#2	45325.	5821.0	1338.8	146.76	2387.9	100.22
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	**2.0227**	**1.0253**	**291.28**	**3718.8**
Stddev	2.0554	.0825	1.05	27.9
%RSD	101.62	8.0472	.36197	.75125
#1	3.4761	.96694	290.53	3738.5
#2	.56932	1.0836	292.02	3699.0
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-05 Acquired: 11/14/2007 12:42:17 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K4 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	**6933.5**	**10041.**	**142740.**	**23155.**
Stddev	63.3	89.	396.	28.
%RSD	.91248	.88786	.27745	.12103
#1	6888.7	9977.9	142460.	23135.
#2	6978.2	10104.	143020.	23174.

Sample Name: BLANK Acquired: 11/14/2007 12:45:06 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.37230**	**6.0470**	**.32248**	**.04853**	**.03200**	**3.5739**
Stddev	.33199	.8775	.66510	.07949	.01464	2.1613
%RSD	89.172	14.512	206.25	163.81	45.752	60.476
#1	-.60705	5.4265	.79278	-.00768	.02165	2.0456
#2	-.13755	6.6675	-.14782	.10473	.04235	5.1022
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	**-.05540**	**-.06611**	**-.23662**	**.21507**	**10.524**	**15.991**
Stddev	.05881	.05870	.09996	.05277	2.705	5.960
%RSD	106.16	88.790	42.245	24.535	25.706	37.270
#1	-.09699	-.02460	-.16593	.17776	8.6111	11.777
#2	-.01381	-.10762	-.30730	.25238	12.437	20.206
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/14/2007 12:45:06 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.5255**	**2.5415**	**-1.9275**	**.35685**	**1.7760**	**.80227**
Stddev	10.596	1.8441	1.3692	.13624	1.3972	.77629
%RSD	694.59	72.558	71.035	38.180	78.674	96.762
#1	-5.9669	1.2376	-2.8957	.45319	2.7640	1.3512
#2	9.0179	3.8455	-.95935	.26051	.78798	.25335
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	**.86706**	**-.70826**	**.10095**	**2.4793**
Stddev	.39493	.31082	.00070	.8535
%RSD	45.548	43.885	.69417	34.425
#1	.58780	-.48848	.10045	3.0828
#2	1.1463	-.92805	.10145	1.8758
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/14/2007 12:45:06 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8214.4**	**9974.1**	**141840.**	**21514.**
Stddev	21.8	12.1	1152.	4.
%RSD	.26478	.12143	.81209	.01830
#1	8229.8	9982.6	142660.	21512.
#2	8199.0	9965.5	141030.	21517.

Sample Name: CCV Acquired: 11/14/2007 12:47:51 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**592.46**	**4899.7**	**241.74**	**4911.5**	**121.56**	**12649.**
Stddev	5.60	84.7	.38	62.9	1.57	196.
%RSD	.94484	1.7278	.15809	1.2816	1.2924	1.5515
#1	596.42	4839.9	241.47	4866.9	120.45	12510.
#2	588.50	4959.6	242.01	4956.0	122.67	12788.
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	**119.53**	**1223.8**	**484.40**	**585.41**	**2471.4**	**12420.**
Stddev	.15	.9	5.87	6.75	37.8	157.
%RSD	.12603	.07215	1.2110	1.1536	1.5305	1.2667
#1	119.63	1224.4	488.55	590.19	2444.6	12309.
#2	119.42	1223.2	480.25	580.64	2498.1	12532.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/14/2007 12:47:51 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12689.**	**1232.1**	**12524.**	**1238.6**	**247.77**	**1138.5**
Stddev	236.	14.2	163.	.2	.24	18.9
%RSD	1.8634	1.1553	1.3042	.01636	.09734	1.6564
#1	12522.	1242.2	12408.	1238.8	247.60	1125.1
#2	12856.	1222.0	12639.	1238.5	247.94	1151.8
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	**238.71**	**244.38**	**1206.8**	**1284.2**
Stddev	.23	.38	13.9	.5
%RSD	.09661	.15747	1.1524	.03841
#1	238.55	244.65	1216.7	1284.5
#2	238.87	244.11	1197.0	1283.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/14/2007 12:47:51 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**7760.6**	**9781.5**	**139990.**	**21534.**
Stddev	10.6	12.3	1085.	382.
%RSD	.13664	.12577	.77472	1.7730
#1	7768.1	9790.2	139220.	21804.
#2	7753.1	9772.8	140760.	21264.

Sample Name: CCB Acquired: 11/14/2007 12:50:27 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.01526**	**14.848**	**.88046**	**.81597**	**.08259**	**13.447**
Stddev	.24888	5.002	.40797	.04797	.00229	1.857
%RSD	1630.6	33.691	46.335	5.8786	2.7707	13.806
#1	-.19125	11.311	.59199	.78205	.08097	12.134
#2	.16072	18.385	1.1689	.84988	.08420	14.760
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	**.05240**	**.57751**	**.01042**	**.03224**	**6.8322**	**12.216**
Stddev	.02372	.14815	.07796	.01020	1.1750	16.698
%RSD	45.259	25.654	748.49	31.632	17.198	136.69
#1	.03563	.47275	-.04471	.03946	7.6631	24.024
#2	.06917	.68227	.06554	.02503	6.0013	.40896
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/14/2007 12:50:27 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**18.136**	**.37898**	**-1.1827**	**.63551**	**-.51664**	**18.396**
Stddev	8.415	.15019	5.1707	.08759	.12155	3.537
%RSD	46.399	39.629	437.20	13.783	23.528	19.225
#1	12.186	.27279	2.4736	.57358	-.60260	20.897
#2	24.087	.48518	-4.8389	.69745	-.43069	15.896
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	**-.40378**	**-.68886**	**.60424**	**1.2014**
Stddev	.34127	.65096	.39964	.2192
%RSD	84.520	94.498	66.138	18.244
#1	-.16246	-.22856	.88683	1.0464
#2	-.64509	-1.1492	.32166	1.3564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/14/2007 12:50:27 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8095.2**	**9856.0**	**140260.**	**21959.**
Stddev	2.4	6.1	787.	154.
%RSD	.02936	.06157	.56121	.69931
#1	8093.5	9851.7	140820.	22068.
#2	8096.9	9860.3	139710.	21851.

Sample Name: 0008709-06 Acquired: 11/14/2007 12:53:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**50.484**	**132290.**	**332.05**	**1761.1**	**4.2653**	**118520.**
Stddev	.469	4879.	1.25	61.1	.2166	4413.
%RSD	.92974	3.6882	.37599	3.4673	5.0787	3.7233
#1	50.816	128840.	332.94	1717.9	4.1121	115400.
#2	50.152	135740.	331.17	1804.2	4.4185	121640.
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	**44.373**	**96.209**	**166.18**	**741.14**	**141720.**	**27022.**
Stddev	.146	.252	.36	1.16	3696.	954.
%RSD	.32932	.26187	.21469	.15692	2.6082	3.5306
#1	44.270	96.387	165.93	741.96	139110.	26347.
#2	44.476	96.031	166.44	740.32	144340.	27696.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-06 Acquired: 11/14/2007 12:53:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**35935.**	**7335.6**	**4419.0**	**129.28**	**6794.6**	**267.90**
Stddev	1434.	5.2	156.9	.53	5.1	2.21
%RSD	3.9897	.07086	3.5510	.40973	.07512	.82427
#1	34921.	7332.0	4308.0	128.90	6791.0	269.47
#2	36949.	7339.3	4529.9	129.65	6798.2	266.34
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	**8.4668**	**7.3162**	**282.82**	**6693.1**
Stddev	1.6660	.3980	.43	6.0
%RSD	19.676	5.4404	.15278	.09039
#1	7.2888	7.0348	283.12	6688.8
#2	9.6448	7.5977	282.51	6697.4
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-06 Acquired: 11/14/2007 12:53:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K5 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	**6813.0**	**9807.0**	**139110.**	**23438.**
Stddev	35.6	56.6	643.	563.
%RSD	.52255	.57693	.46208	2.4036
#1	6787.8	9767.0	138660.	23836.
#2	6838.1	9847.0	139570.	23040.

Sample Name: 0008709-07 Acquired: 11/14/2007 12:56:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K6 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**17.011**	**91112.**	**127.79**	**1307.6**	**2.8512**	**211850.**
Stddev	.081	2539.	.23	33.0	.1027	2980.
%RSD	.47903	2.7871	.17976	2.5199	3.6015	1.4065
#1	16.953	89316.	127.95	1284.3	2.7786	209750.
#2	17.069	92907.	127.63	1330.9	2.9239	213960.
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	**30.764**	**81.849**	**113.76**	**408.45**	**103220.**	**20464.**
Stddev	.040	.270	.10	.80	2964.	554.
%RSD	.12851	.33040	.09063	.19524	2.8714	2.7071
#1	30.792	81.657	113.69	407.89	101130.	20073.
#2	30.736	82.040	113.84	409.02	105320.	20856.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-07 Acquired: 11/14/2007 12:56:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K6 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**31324.**	**11461.**	**4144.9**	**90.140**	**2534.7**	**99.316**
Stddev	1048.	14.	120.0	.332	6.2	1.840
%RSD	3.3446	.12526	2.8948	.36854	.24311	1.8526
#1	30583.	11451.	4060.0	89.905	2530.4	100.62
#2	32064.	11471.	4229.7	90.374	2539.1	98.015
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**14.465**	**4.7037**	**178.68**	**4116.0**
Stddev	.765	.3272	.45	30.7
%RSD	5.2863	6.9562	.25333	.74676
#1	15.006	4.9351	178.36	4094.3
#2	13.925	4.4724	179.00	4137.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-07 Acquired: 11/14/2007 12:56:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K6 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	**6736.4**	**9325.7**	**134580.**	**22379.**
Stddev	5.9	14.5	96.	496.
%RSD	.08692	.15496	.07161	2.2156
#1	6732.2	9315.5	134510.	22730.
#2	6740.5	9335.9	134650.	22029.

Sample Name: 0008709-08 Acquired: 11/14/2007 12:58:54 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K7 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.23611**	**117850.**	**38.807**	**1641.8**	**3.4513**	**40401.**
Stddev	.29991	4553.	.674	63.9	.2512	1470.
%RSD	127.02	3.8637	1.7378	3.8902	7.2774	3.6385
#1	-.02404	121070.	39.284	1687.0	3.6290	41441.
#2	-.44818	114630.	38.330	1596.7	3.2737	39362.
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	**5.9428**	**60.875**	**147.88**	**168.92**	**120970.**	**29588.**
Stddev	.0532	.029	.64	.80	4527.	1058.
%RSD	.89448	.04728	.43317	.47478	3.7422	3.5745
#1	5.9052	60.896	147.43	168.35	124170.	30336.
#2	5.9804	60.855	148.33	169.49	117770.	28841.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-08 Acquired: 11/14/2007 12:58:54 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K7 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**36741.**	**1224.2**	**2315.2**	**100.09**	**190.42**	**15.701**
Stddev	1299.	5.2	93.1	.39	1.91	1.146
%RSD	3.5352	.42742	4.0214	.38609	1.0011	7.2957
#1	37659.	1220.5	2381.0	100.36	191.77	16.511
#2	35822.	1227.9	2249.3	99.812	189.07	14.891
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	**-1.9249**	**-7.1868**	**210.47**	**803.84**
Stddev	1.5072	1.2314	.73	.34
%RSD	78.302	17.134	.34904	.04251
#1	-2.9907	-8.0576	209.95	804.08
#2	-.85912	-6.3161	210.99	803.60
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-08 Acquired: 11/14/2007 12:58:54 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K7 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	**7031.8**	**9868.9**	**138890.**	**22026.**
Stddev	46.3	56.2	27.	813.
%RSD	.65803	.56936	.01978	3.6921
#1	6999.1	9829.2	138910.	21451.
#2	7064.6	9908.6	138870.	22601.

Sample Name: 0008709-09 Acquired: 11/14/2007 13:01:35 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K8 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**22.756**	**78622.**	**144.59**	**1741.2**	**2.8091**	**103390.**
Stddev	.264	2864.	.36	69.6	.0522	3397.
%RSD	1.1581	3.6429	.25119	3.9954	1.8575	3.2859
#1	22.570	80647.	144.33	1790.3	2.8460	105790.
#2	22.943	76597.	144.85	1692.0	2.7722	100980.
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	**29.945**	**65.682**	**111.60**	**467.07**	**101680.**	**16575.**
Stddev	.205	.210	.63	1.24	3484.	616.
%RSD	.68378	.32026	.56060	.26464	3.4260	3.7158
#1	30.090	65.534	112.04	467.94	104140.	17011.
#2	29.800	65.831	111.16	466.20	99218.	16140.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-09 Acquired: 11/14/2007 13:01:35 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K8 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**29997.**	**7016.8**	**2669.1**	**106.48**	**3601.0**	**124.46**
Stddev	881.	66.0	104.8	.12	.2	.21
%RSD	2.9366	.94027	3.9263	.11568	.00628	.16535
#1	30620.	7063.5	2743.2	106.57	3601.2	124.61
#2	29374.	6970.2	2595.0	106.40	3600.8	124.32
Check ?	None	None	None	None	None	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**11.248**	**4.7998**	**219.25**	**5096.4**
Stddev	.100	.4207	.59	1.0
%RSD	.89213	8.7646	.27025	.01957
#1	11.177	4.5023	219.67	5097.1
#2	11.319	5.0973	218.83	5095.7
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-09 Acquired: 11/14/2007 13:01:35 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K8 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	**7033.2**	**9524.4**	**136290.**	**22009.**
Stddev	19.7	42.6	1301.	647.
%RSD	.28000	.44684	.95433	2.9406
#1	7019.3	9494.3	135380.	21551.
#2	7047.2	9554.5	137210.	22466.

Sample Name: 0008709-10 Acquired: 11/14/2007 13:04:21 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K9 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-1.4247**	**98414.**	**70.852**	**1877.6**	**1.2285**	**47385.**
Stddev	.0473	4652.	.652	84.0	.1084	2220.
%RSD	3.3193	4.7273	.92026	4.4722	8.8218	4.6848
#1	-1.3913	95125.	71.313	1818.2	1.1519	45815.
#2	-1.4581	101700.	70.391	1937.0	1.3051	48955.
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	**3.9127**	**96.967**	**229.34**	**145.79**	**178350.**	**16367.**
Stddev	.0254	1.265	.25	.15	5357.	715.
%RSD	.64854	1.3043	.11089	.10454	3.0040	4.3657
#1	3.9306	97.861	229.16	145.69	174560.	15861.
#2	3.8947	96.073	229.52	145.90	182140.	16872.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-10 Acquired: 11/14/2007 13:04:21 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K9 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**32490.**	**4597.5**	**1970.2**	**140.31**	**176.74**	**4.0767**
Stddev	1540.	15.0	90.0	1.06	2.27	1.1698
%RSD	4.7389	.32711	4.5656	.75549	1.2865	28.695
#1	31402.	4586.8	1906.6	141.06	178.35	4.9039
#2	33579.	4608.1	2033.8	139.56	175.14	3.2495
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	**-2.0049**	**-9.3557**	**477.62**	**607.02**
Stddev	1.1595	1.1494	.29	6.27
%RSD	57.835	12.286	.06005	1.0323
#1	-1.1850	-8.5429	477.42	611.45
#2	-2.8248	-10.168	477.82	602.59
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-10 Acquired: 11/14/2007 13:04:21 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23K9 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	**7025.4**	**9908.6**	**142280.**	**23147.**
Stddev	87.3	119.9	67.	714.
%RSD	1.2423	1.2104	.04677	3.0867
#1	6963.7	9823.8	142230.	23652.
#2	7087.1	9993.4	142320.	22641.

Sample Name: BLANK Acquired: 11/14/2007 13:07:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.04878**	**15.632**	**.60712**	**.03642**	**.03346**	**2.0128**
Stddev	.19997	.672	.52819	.03318	.02392	.3484
%RSD	409.97	4.2981	86.999	91.090	71.485	17.310
#1	.09262	16.107	.98060	.05988	.05037	2.2592
#2	-.19018	15.157	.23363	.01296	.01655	1.7665
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	**-.02475**	**-.06020**	**-.32074**	**-.05565**	**16.992**	**10.659**
Stddev	.06882	.01716	.26343	.24137	.662	22.146
%RSD	278.12	28.505	82.134	433.76	3.8960	207.77
#1	.02392	-.04807	-.50701	-.22632	17.460	-5.0010
#2	-.07341	-.07234	-.13446	.11503	16.523	26.319
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/14/2007 13:07:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**7.6790**	**1.2233**	**2.9364**	**.39000**	**.40539**	**-.41118**
Stddev	1.0682	.7094	4.1072	.22223	.32582	.23543
%RSD	13.911	57.994	139.87	56.983	80.371	57.259
#1	8.4343	.72165	5.8406	.54714	.17500	-.57765
#2	6.9236	1.7250	.03213	.23286	.63578	-.24470
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	**.08341**	**-1.0832**	**.09073**	**1.3064**
Stddev	.78984	.1282	.10401	.4962
%RSD	946.89	11.835	114.64	37.986
#1	-.47509	-.99257	.01718	.95547
#2	.64191	-1.1739	.16427	1.6572
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/14/2007 13:07:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8286.9**	**10107.**	**145380.**	**22469.**
Stddev	30.9	37.	332.	46.
%RSD	.37291	.36780	.22831	.20536
#1	8308.8	10133.	145610.	22437.
#2	8265.1	10080.	145140.	22502.

Sample Name: ZCRI Acquired: 11/14/2007 13:09:57 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.048**	**16.248**	**9.6909**	**.40946**	**5.0102**	**13.866**
Stddev	.324	.531	.3180	.11992	.0049	3.996
%RSD	3.2283	3.2712	3.2816	29.287	.09800	28.816
#1	10.277	16.623	9.9158	.32466	5.0136	11.041
#2	9.8183	15.872	9.4660	.49425	5.0067	16.691
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	**4.8384**	**51.885**	**10.361**	**24.835**	**32.919**	**7.4959**
Stddev	.0075	.025	.048	.174	3.626	19.756
%RSD	.15425	.04758	.46622	.70085	11.014	263.56
#1	4.8437	51.903	10.327	24.958	30.355	21.466
#2	4.8331	51.868	10.395	24.712	35.483	-6.4737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 11/14/2007 13:09:57 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**13.929**	**17.225**	**1.8815**	**42.346**	**11.491**	**47.526**
Stddev	3.156	.019	3.8890	.118	.493	1.951
%RSD	22.658	.11169	206.70	.27934	4.2940	4.1047
#1	16.161	17.211	4.6314	42.430	11.142	46.147
#2	11.697	17.238	-.86847	42.263	11.840	48.906
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	**31.825**	**26.001**	**51.327**	**67.493**
Stddev	.085	.259	.134	.235
%RSD	.26664	.99520	.26186	.34866
#1	31.765	26.184	51.232	67.659
#2	31.885	25.818	51.422	67.326
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 11/14/2007 13:09:57 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	**8098.9**	**9868.7**	**141800.**	**22047.**
Stddev	2.2	1.0	421.	57.
%RSD	.02712	.01024	.29675	.26006
#1	8100.5	9869.4	142100.	22088.
#2	8097.4	9868.0	141500.	22007.

Sample Name: CRI Acquired: 11/14/2007 13:12:39 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.121**	**6.1164**	**10.013**	**.14077**	**4.9890**	**6.1622**
Stddev	.195	1.4051	.503	.11175	.0407	.7827
%RSD	1.9252	22.972	5.0209	79.385	.81659	12.702
#1	10.259	7.1099	9.6579	.21979	5.0178	6.7156
#2	9.9835	5.1228	10.369	.06175	4.9602	5.6087
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	**4.9168**	**51.459**	**10.128**	**24.606**	**13.045**	**2.2743**
Stddev	.0069	.322	.283	.005	2.457	.6832
%RSD	.13964	.62634	2.7941	.01906	18.834	30.040
#1	4.9120	51.687	9.9278	24.602	14.783	2.7574
#2	4.9217	51.232	10.328	24.609	11.308	1.7912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/14/2007 13:12:39 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-8.6765**	**16.505**	**-5.5842**	**41.767**	**11.943**	**52.245**
Stddev	.8258	.090	1.1737	.157	.237	1.625
%RSD	9.5178	.54250	21.018	.37546	1.9820	3.1101
#1	-8.0925	16.441	-4.7543	41.656	11.776	51.096
#2	-9.2604	16.568	-6.4141	41.878	12.111	53.394
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	**33.269**	**26.005**	**51.304**	**66.544**
Stddev	1.057	1.341	.280	.211
%RSD	3.1782	5.1562	.54665	.31699
#1	32.521	25.057	51.503	66.395
#2	34.016	26.953	51.106	66.693
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/14/2007 13:12:39 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8160.8**	**9939.7**	**142070.**	**22158.**
Stddev	11.7	23.9	43.	257.
%RSD	.14382	.24046	.03057	1.1580
#1	8169.1	9956.6	142100.	21977.
#2	8152.5	9922.8	142040.	22340.

Sample Name: ICSA Acquired: 11/14/2007 13:15:20 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.05659**	**234980.**	**.22955**	**-2.6624**	**1.3754**	**234150.**
Stddev	.17155	6616.	1.0831	.0016	.0481	4126.
%RSD	303.15	2.8154	471.85	.05852	3.5009	1.7622
#1	-.06472	230300.	.99543	-2.6635	1.3414	231230.
#2	.17790	239660.	-.53634	-2.6613	1.4095	237070.
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	**1.7412**	**3.0963**	**41.622**	**21.694**	**90338.**	**-110.39**
Stddev	.0939	.0657	.545	.483	2453.	11.52
%RSD	5.3899	2.1205	1.3099	2.2264	2.7157	10.433
#1	1.6749	3.0499	42.008	22.036	88603.	-102.25
#2	1.8076	3.1427	41.237	21.353	92072.	-118.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/14/2007 13:15:20 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**246410.**	**14.794**	**695.88**	**16.579**	**4.5881**	**2.0124**
Stddev	6505.	.831	28.47	.330	.7417	1.2047
%RSD	2.6401	5.6141	4.0913	1.9877	16.165	59.866
#1	241810.	15.381	675.75	16.812	5.1125	2.8643
#2	251010.	14.207	716.02	16.346	4.0637	1.1605
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	**-7.0767**	**-2.4224**	**-.49313**	**25.725**
Stddev	.3839	.1457	.13274	.383
%RSD	5.4250	6.0149	26.917	1.4876
#1	-7.3482	-2.5255	-.58699	25.996
#2	-6.8052	-2.3194	-.39927	25.454
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/14/2007 13:15:20 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**6637.6**	**8972.1**	**129780.**	**21425.**
Stddev	33.1	52.1	2242.	335.
%RSD	.49924	.58073	1.7274	1.5653
#1	6614.2	8935.3	128190.	21662.
#2	6661.1	9009.0	131360.	21188.

Sample Name: ICSAB Acquired: 11/14/2007 13:18:07 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**204.12**	**236530.**	**93.764**	**490.12**	**463.12**	**234360.**
Stddev	.19	1906.	.559	3.94	3.77	3497.
%RSD	.09253	.80571	.59589	.80323	.81403	1.4923
#1	204.25	237870.	93.369	492.90	465.78	236840.
#2	203.99	235180.	94.159	487.33	460.45	231890.
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	**937.02**	**503.27**	**513.03**	**515.52**	**90466.**	**-87.259**
Stddev	1.45	.65	1.05	.99	678.	56.761
%RSD	.15423	.12960	.20531	.19208	.74892	65.049
#1	936.00	502.81	513.77	516.22	90945.	-127.40
#2	938.05	503.73	512.28	514.82	89987.	-47.123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/14/2007 13:18:07 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**248810.**	**507.37**	**698.82**	**1029.6**	**60.880**	**539.08**
Stddev	2401.	.12	3.99	.9	.880	12.82
%RSD	.96492	.02425	.57113	.08798	1.4449	2.3777
#1	250510.	507.28	701.64	1028.9	60.258	530.02
#2	247110.	507.46	696.00	1030.2	61.502	548.14
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	**53.374**	**93.431**	**485.12**	**1062.8**
Stddev	.624	.822	.40	1.8
%RSD	1.1682	.88023	.08303	.17221
#1	52.933	92.849	484.84	1061.5
#2	53.815	94.012	485.41	1064.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/14/2007 13:18:07 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**6614.3**	**8955.9**	**127530.**	**21294.**
Stddev	12.2	15.8	54.	120.
%RSD	.18494	.17653	.04250	.56131
#1	6623.0	8967.0	127500.	21210.
#2	6605.7	8944.7	127570.	21379.

Sample Name: CCV Acquired: 11/14/2007 13:20:49 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**594.43**	**4651.5**	**242.93**	**4648.0**	**115.27**	**11968.**
Stddev	.21	164.1	.01	164.3	3.87	415.
%RSD	.03527	3.5286	.00519	3.5338	3.3602	3.4640
#1	594.28	4767.5	242.94	4764.2	118.01	12261.
#2	594.58	4535.4	242.92	4531.9	112.53	11675.
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	**119.91**	**1226.9**	**487.44**	**587.09**	**2342.6**	**11766.**
Stddev	.19	1.2	.01	.02	86.0	464.
%RSD	.15854	.09391	.00162	.00366	3.6718	3.9462
#1	119.77	1227.7	487.44	587.10	2403.4	12094.
#2	120.04	1226.1	487.43	587.07	2281.8	11438.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/14/2007 13:20:49 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**11999.**	**1237.7**	**11837.**	**1242.7**	**246.02**	**1159.6**
Stddev	404.	.2	436.	1.9	2.08	13.0
%RSD	3.3668	.01731	3.6875	.15338	.84441	1.1193
#1	12284.	1237.5	12145.	1244.0	247.49	1150.5
#2	11713.	1237.8	11528.	1241.3	244.55	1168.8
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	**239.60**	**244.93**	**1210.1**	**1289.6**
Stddev	.56	1.44	1.0	.6
%RSD	.23475	.58623	.08418	.04536
#1	239.99	245.94	1210.8	1290.1
#2	239.20	243.91	1209.4	1289.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/14/2007 13:20:49 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**7691.8**	**9695.2**	**137840.**	**22342.**
Stddev	3.4	3.9	254.	597.
%RSD	.04469	.04055	.18396	2.6726
#1	7689.4	9692.4	138020.	21920.
#2	7694.3	9698.0	137660.	22765.

Sample Name: CCB Acquired: 11/14/2007 13:23:26 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.06112**	**11.001**	**.41459**	**.96688**	**.11455**	**16.983**
Stddev	.08105	2.012	.25064	.12368	.01078	.708
%RSD	132.61	18.292	60.456	12.792	9.4120	4.1686
#1	-.11843	12.423	.59182	.87943	.12218	17.484
#2	-.00381	9.5777	.23736	1.0543	.10693	16.483
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	**.12497**	**.67879**	**-.19439**	**.09780**	**10.102**	**40.549**
Stddev	.06257	.10915	.23992	.11391	.113	27.261
%RSD	50.069	16.080	123.42	116.48	1.1180	67.229
#1	.08073	.60161	-.02474	.01725	10.022	21.273
#2	.16922	.75596	-.36404	.17834	10.182	59.825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/14/2007 13:23:26 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**19.490**	**.43289**	**1.8734**	**.76925**	**-.31577**	**20.858**
Stddev	11.373	.03561	3.3042	.15760	.89694	3.762
%RSD	58.353	8.2258	176.38	20.488	284.05	18.035
#1	27.532	.45806	-.46304	.65781	.31847	23.519
#2	11.448	.40771	4.2098	.88069	-.95000	18.198
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	**.98562**	**-.58607**	**.57879**	**.89822**
Stddev	.67958	.57348	.00121	.03823
%RSD	68.949	97.852	.20956	4.2567
#1	1.4661	-.18056	.57794	.87119
#2	.50508	-.99158	.57965	.92526
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/14/2007 13:23:26 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8077.8**	**9846.8**	**139730.**	**21735.**
Stddev	64.1	76.6	69.	66.
%RSD	.79322	.77808	.04964	.30299
#1	8032.5	9792.6	139780.	21689.
#2	8123.1	9900.9	139690.	21782.

Sample Name: 0008709-11 Acquired: 11/14/2007 13:26:12 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24D5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.10972**	**172250.**	**52.176**	**1849.4**	**4.0611**	**36998.**
Stddev	.81427	2502.	1.911	25.4	.1205	603.
%RSD	742.15	1.4523	3.6621	1.3726	2.9676	1.6288
#1	.68549	170480.	50.825	1831.5	3.9759	36572.
#2	-.46606	174020.	53.527	1867.4	4.1463	37424.
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	**5.4464**	**107.06**	**208.52**	**195.97**	**196010.**	**33388.**
Stddev	.1156	.09	1.53	.17	1224.	504.
%RSD	2.1226	.07970	.73530	.08822	.62461	1.5103
#1	5.3646	106.99	207.43	196.09	195140.	33031.
#2	5.5281	107.12	209.60	195.85	196870.	33745.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008709-11 Acquired: 11/14/2007 13:26:12 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24D5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**36834.**	**6005.7**	**1595.0**	**142.45**	**186.70**	**9.9454**
Stddev	627.	50.5	28.4	.72	.05	1.2440
%RSD	1.7014	.84163	1.7820	.50650	.02608	12.508
#1	36391.	5969.9	1574.9	141.94	186.74	10.825
#2	37277.	6041.4	1615.1	142.96	186.67	9.0658
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	**-1.9043**	**-6.1734**	**420.31**	**751.18**
Stddev	.8243	.1844	.71	2.22
%RSD	43.286	2.9874	.16997	.29526
#1	-1.3214	-6.3038	419.81	749.61
#2	-2.4871	-6.0430	420.82	752.75
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008709-11 Acquired: 11/14/2007 13:26:12 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH24D5 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	**6903.9**	**9975.3**	**140880.**	**22974.**
Stddev	36.8	58.5	64.	69.
%RSD	.53363	.58628	.04512	.30238
#1	6877.8	9934.0	140920.	23024.
#2	6929.9	10017.	140830.	22925.

Sample Name: 0008711-01 Acquired: 11/14/2007 13:29:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X6 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**184.31**	**128850.**	**835.09**	**1119.5**	**5.1141**	**144920.**
Stddev	.67	1662.	5.95	13.2	.0720	1540.
%RSD	.36332	1.2895	.71267	1.1808	1.4070	1.0627
#1	183.84	127680.	839.30	1110.1	5.0632	143830.
#2	184.78	130030.	830.88	1128.8	5.1649	146010.
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	**103.12**	**87.638**	**178.37**	**2111.7**	**167860.**	**25276.**
Stddev	.15	.482	.72	.2	2866.	277.
%RSD	.14443	.55015	.40519	.01136	1.7076	1.0960
#1	103.22	87.979	177.86	2111.5	165830.	25080.
#2	103.01	87.297	178.88	2111.9	169880.	25472.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-01 Acquired: 11/14/2007 13:29:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X6 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**50513.**	**9899.9**	**3542.3**	**151.44**	**26119.**	**636.06**
Stddev	950.	6.9	45.3	1.12	118.	3.40
%RSD	1.8814	.06937	1.2780	.74057	.45049	.53401
#1	49841.	9895.0	3510.3	152.24	26202.	638.46
#2	51185.	9904.7	3574.3	150.65	26035.	633.66
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	**17.732**	**27.610**	**262.35**	**49880.**
Stddev	.861	1.010	.23	162.
%RSD	4.8544	3.6572	.08729	.32542
#1	17.124	26.896	262.51	49994.
#2	18.341	28.324	262.19	49765.
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-01 Acquired: 11/14/2007 13:29:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X6 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	**6798.5**	**9709.0**	**139500.**	**22707.**
Stddev	38.5	55.5	684.	166.
%RSD	.56561	.57186	.49027	.72933
#1	6771.3	9669.7	139020.	22824.
#2	6825.7	9748.3	139990.	22589.

Sample Name: 0008711-02 Acquired: 11/14/2007 13:32:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X7 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**4.1807**	**101180.**	**78.998**	**929.99**	**4.3774**	**24049.**
Stddev	.0034	1449.	1.092	15.10	.0786	309.
%RSD	.08197	1.4317	1.3823	1.6238	1.7947	1.2838
#1	4.1782	102210.	78.226	940.67	4.4329	24268.
#2	4.1831	100160.	79.770	919.31	4.3218	23831.
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	**9.9503**	**71.382**	**120.16**	**199.15**	**117650.**	**22676.**
Stddev	.0340	.072	.43	1.02	1529.	353.
%RSD	.34215	.10127	.35924	.51466	1.2996	1.5560
#1	9.9743	71.433	119.85	199.88	118740.	22926.
#2	9.9262	71.331	120.46	198.43	116570.	22427.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-02 Acquired: 11/14/2007 13:32:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X7 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**28298.**	**4604.0**	**1511.5**	**92.631**	**1074.1**	**26.337**
Stddev	385.	19.6	30.4	.169	.8	.946
%RSD	1.3590	.42496	2.0136	.18226	.07805	3.5902
#1	28570.	4590.2	1533.0	92.511	1074.7	27.005
#2	28026.	4617.9	1490.0	92.750	1073.5	25.668
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	**2.1511**	**-2.8628**	**219.98**	**1618.7**
Stddev	1.4810	.2132	.78	6.0
%RSD	68.848	7.4487	.35552	.37322
#1	3.1984	-2.7120	219.43	1614.4
#2	1.1039	-3.0136	220.53	1623.0
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-02 Acquired: 11/14/2007 13:32:03 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X7 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	**7206.1**	**10103.**	**143210.**	**22595.**
Stddev	17.2	26.	290.	390.
%RSD	.23820	.25851	.20236	1.7255
#1	7194.0	10084.	143010.	22319.
#2	7218.2	10121.	143420.	22870.

Sample Name: 0008711-03 Acquired: 11/14/2007 13:34:49 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X8 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**2.5358**	**119100.**	**74.229**	**908.87**	**5.6107**	**26504.**
Stddev	.1039	4733.	.729	37.62	.1910	971.
%RSD	4.0970	3.9741	.98179	4.1388	3.4046	3.6617
#1	2.6093	122440.	73.714	935.46	5.7458	27190.
#2	2.4623	115750.	74.744	882.27	5.4756	25818.
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	**8.5458**	**69.823**	**125.33**	**175.13**	**129880.**	**22472.**
Stddev	.0232	.058	.67	.16	4937.	900.
%RSD	.27102	.08322	.53177	.09040	3.8014	4.0038
#1	8.5622	69.864	124.86	175.24	133380.	23108.
#2	8.5295	69.782	125.80	175.02	126390.	21836.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-03 Acquired: 11/14/2007 13:34:49 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X8 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**33618.**	**4111.3**	**2335.1**	**101.57**	**863.10**	**22.074**
Stddev	1144.	21.8	94.9	.54	2.14	.696
%RSD	3.4040	.53082	4.0649	.53310	.24764	3.1552
#1	34427.	4126.7	2402.2	101.19	861.59	21.582
#2	32809.	4095.9	2267.9	101.96	864.61	22.567
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	**-1.5685**	**-3.4262**	**225.43**	**1343.2**
Stddev	2.0350	.6500	.46	3.1
%RSD	129.74	18.972	.20276	.22950
#1	-.12960	-2.9665	225.10	1341.0
#2	-3.0075	-3.8858	225.75	1345.3
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-03 Acquired: 11/14/2007 13:34:49 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X8 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	**7139.4**	**10117.**	**143640.**	**22281.**
Stddev	8.5	7.	1060.	741.
%RSD	.11964	.06562	.73822	3.3250
#1	7133.3	10112.	142890.	21757.
#2	7145.4	10122.	144390.	22805.

Sample Name: 0008711-04 Acquired: 11/14/2007 13:37:36 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X9 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.61073**	**142690.**	**64.704**	**1755.7**	**4.1795**	**41446.**
Stddev	.26635	1600.	.075	16.8	.0527	642.
%RSD	43.611	1.1211	.11625	.95931	1.2615	1.5486
#1	.79907	141550.	64.757	1743.8	4.1422	40992.
#2	.42239	143820.	64.651	1767.6	4.2168	41900.
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	**5.6774**	**103.41**	**195.85**	**181.24**	**183620.**	**25598.**
Stddev	.1272	.06	1.46	.05	2752.	247.
%RSD	2.2403	.06130	.74539	.02897	1.4988	.96684
#1	5.5875	103.46	194.82	181.28	181670.	25423.
#2	5.7674	103.37	196.88	181.20	185570.	25773.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-04 Acquired: 11/14/2007 13:37:36 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X9 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**28432.**	**5496.9**	**1260.9**	**139.74**	**354.49**	**7.2747**
Stddev	513.	19.6	8.4	.13	.11	.9486
%RSD	1.8029	.35682	.66684	.09414	.03148	13.039
#1	28070.	5483.0	1254.9	139.65	354.57	7.9455
#2	28795.	5510.8	1266.8	139.83	354.41	6.6040
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	**-2.4382**	**-8.1329**	**405.23**	**826.59**
Stddev	.7180	.2816	.20	4.05
%RSD	29.448	3.4626	.05050	.48996
#1	-2.9458	-7.9338	405.09	823.73
#2	-1.9305	-8.3321	405.37	829.46
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-04 Acquired: 11/14/2007 13:37:36 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23X9 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	**6989.6**	**10059.**	**143830.**	**23000.**
Stddev	.4	6.	202.	243.
%RSD	.00545	.05853	.14032	1.0563
#1	6989.3	10055.	143680.	23171.
#2	6989.9	10063.	143970.	22828.

Sample Name: 0008711-05 Acquired: 11/14/2007 13:40:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y0 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.50619**	**94434.**	**43.490**	**1195.2**	**3.5566**	**28929.**
Stddev	.05966	1344.	.363	21.7	.0271	443.
%RSD	11.787	1.4233	.83470	1.8146	.76293	1.5306
#1	-.54838	95384.	43.234	1210.5	3.5758	29243.
#2	-.46400	93483.	43.747	1179.9	3.5374	28616.
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	**3.6252**	**65.550**	**107.47**	**127.98**	**110450.**	**22344.**
Stddev	.0603	.572	.29	.48	1648.	393.
%RSD	1.6643	.87215	.26739	.37357	1.4923	1.7606
#1	3.6679	65.146	107.68	128.31	111620.	22622.
#2	3.5826	65.954	107.27	127.64	109290.	22066.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-05 Acquired: 11/14/2007 13:40:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y0 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**21184.**	**4563.4**	**712.52**	**85.533**	**137.43**	**3.3029**
Stddev	234.	22.0	17.84	.448	1.91	1.7851
%RSD	1.1025	.48227	2.5034	.52340	1.3864	54.046
#1	21349.	4547.9	725.13	85.216	136.08	4.5652
#2	21019.	4579.0	699.91	85.849	138.77	2.0406
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	**-.26195**	**-3.7623**	**207.81**	**415.36**
Stddev	.78726	.1679	.50	3.22
%RSD	300.54	4.4615	.24299	.77528
#1	.29473	-3.8810	207.45	413.08
#2	-.81863	-3.6437	208.17	417.63
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-05 Acquired: 11/14/2007 13:40:27 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y0 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	**7192.6**	**9945.7**	**141650.**	**22317.**
Stddev	7.5	22.2	408.	396.
%RSD	.10372	.22277	.28775	1.7763
#1	7197.9	9930.0	141360.	22037.
#2	7187.3	9961.3	141940.	22597.

Sample Name: 0008711-06 Acquired: 11/14/2007 13:43:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y2 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.53244**	**171480.**	**83.484**	**2335.6**	**6.2032**	**60910.**
Stddev	.22870	6199.	.090	76.6	.1605	2081.
%RSD	42.952	3.6149	.10774	3.2778	2.5881	3.4167
#1	.69415	167100.	83.547	2281.4	6.0897	59438.
#2	.37073	175860.	83.420	2389.7	6.3167	62381.
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	**7.8543**	**127.43**	**218.25**	**280.75**	**215270.**	**36401.**
Stddev	.1439	.08	.11	1.14	3369.	1164.
%RSD	1.8324	.06469	.04926	.40752	1.5648	3.1977
#1	7.7525	127.49	218.33	281.56	212890.	35578.
#2	7.9561	127.38	218.18	279.94	217650.	37224.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-06 Acquired: 11/14/2007 13:43:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y2 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**37218.**	**7440.4**	**1339.8**	**195.16**	**460.01**	**7.9027**
Stddev	1223.	23.3	48.1	.35	1.53	.7235
%RSD	3.2861	.31273	3.5914	.17708	.33211	9.1556
#1	36353.	7456.9	1305.8	194.92	461.09	8.4143
#2	38083.	7424.0	1373.8	195.41	458.93	7.3911
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	**-1.6201**	**-7.3667**	**469.52**	**1132.6**
Stddev	1.2585	2.3123	1.95	3.0
%RSD	77.681	31.388	.41500	.26491
#1	-.73017	-9.0017	470.90	1130.5
#2	-2.5099	-5.7316	468.14	1134.8
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-06 Acquired: 11/14/2007 13:43:13 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y2 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	**6877.4**	**10158.**	**145540.**	**24397.**
Stddev	12.9	24.	580.	513.
%RSD	.18749	.23935	.39837	2.1034
#1	6868.3	10140.	145130.	24760.
#2	6886.5	10175.	145950.	24034.

Sample Name: 0008711-07 Acquired: 11/14/2007 13:46:06 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y3 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.55036**	**93570.**	**48.850**	**1085.9**	**4.4181**	**42917.**
Stddev	.53196	2662.	.380	33.4	.1224	1085.
%RSD	96.657	2.8446	.77695	3.0755	2.7695	2.5282
#1	-.17421	95452.	48.582	1109.6	4.5046	43685.
#2	-.92652	91688.	49.118	1062.3	4.3315	42150.
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	**3.3312**	**62.968**	**104.42**	**108.24**	**111040.**	**20195.**
Stddev	.1901	.014	.03	.32	2926.	620.
%RSD	5.7067	.02286	.02887	.29422	2.6353	3.0699
#1	3.4656	62.978	104.40	108.47	113110.	20633.
#2	3.1968	62.958	104.45	108.02	108970.	19756.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-07 Acquired: 11/14/2007 13:46:06 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y3 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**29417.**	**4257.3**	**854.65**	**90.929**	**131.38**	**3.0265**
Stddev	722.	4.1	29.71	.386	.35	.2984
%RSD	2.4527	.09703	3.4767	.42452	.26731	9.8583
#1	29928.	4254.4	875.66	91.202	131.62	3.2375
#2	28907.	4260.3	833.64	90.656	131.13	2.8155
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	**-1.2645**	**-2.6045**	**202.14**	**367.42**
Stddev	.5939	.6362	.49	1.83
%RSD	46.969	24.425	.24117	.49715
#1	-.84453	-2.1547	202.49	368.71
#2	-1.6845	-3.0544	201.80	366.13
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-07 Acquired: 11/14/2007 13:46:06 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y3 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	**7187.1**	**9966.5**	**141090.**	**21664.**
Stddev	46.8	63.9	519.	532.
%RSD	.65176	.64165	.36763	2.4558
#1	7153.9	9921.3	140720.	21288.
#2	7220.2	10012.	141460.	22040.

Sample Name: 0008711-08 Acquired: 11/14/2007 13:48:52 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y4 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.34102**	**136840.**	**54.698**	**1798.7**	**4.2845**	**39000.**
Stddev	.34751	2129.	.091	26.1	.0100	570.
%RSD	101.90	1.5557	.16548	1.4504	.23384	1.4616
#1	-.58674	135330.	54.634	1780.3	4.2775	38597.
#2	-.09529	138340.	54.762	1817.2	4.2916	39403.
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	**4.8408**	**104.00**	**186.33**	**185.85**	**185700.**	**33089.**
Stddev	.0089	.08	.53	.12	1740.	430.
%RSD	.18445	.07829	.28202	.06499	.93680	1.3005
#1	4.8345	104.06	185.96	185.93	184470.	32785.
#2	4.8472	103.95	186.70	185.76	186930.	33393.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-08 Acquired: 11/14/2007 13:48:52 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y4 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**33035.**	**5949.8**	**1292.1**	**140.68**	**232.15**	**4.1680**
Stddev	564.	1.1	27.5	.94	1.31	1.5153
%RSD	1.7080	.01884	2.1278	.67067	.56332	36.356
#1	32636.	5949.0	1272.7	140.02	231.23	3.0965
#2	33434.	5950.6	1311.6	141.35	233.08	5.2395
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	**-3.8255**	**-6.8784**	**375.19**	**656.98**
Stddev	2.0754	.9547	.35	3.21
%RSD	54.251	13.880	.09244	.48926
#1	-2.3580	-7.5535	374.95	654.71
#2	-5.2930	-6.2034	375.44	659.25
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-08 Acquired: 11/14/2007 13:48:52 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y4 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	**7085.6**	**10167.**	**144370.**	**23373.**
Stddev	1.7	22.	608.	228.
%RSD	.02401	.21464	.42086	.97581
#1	7084.4	10151.	143940.	23535.
#2	7086.8	10182.	144800.	23212.

Sample Name: BLANK Acquired: 11/14/2007 13:51:43 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.12125**	**26.503**	**-.18746**	**.18887**	**.01223**	**7.8772**
Stddev	.00926	5.587	.15566	.11664	.01386	.7649
%RSD	7.6391	21.080	83.036	61.758	113.32	9.7105
#1	-.11470	22.553	-.07739	.10639	.00243	7.3363
#2	-.12780	30.454	-.29752	.27134	.02204	8.4180
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	**-.08326**	**-.00761**	**-.28428**	**.00233**	**35.348**	**32.123**
Stddev	.00591	.03283	.40537	.11089	1.237	34.574
%RSD	7.1011	431.61	142.59	4759.9	3.5002	107.63
#1	-.08744	-.03082	-.57092	.08074	34.473	56.571
#2	-.07908	.01561	.00235	-.07608	36.223	7.6751
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/14/2007 13:51:43 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**11.134**	**2.2792**	**-1.8538**	**.47132**	**.26588**	**.23135**
Stddev	8.368	1.0109	.7823	.10340	.19382	.42527
%RSD	75.162	44.354	42.198	21.938	72.897	183.82
#1	5.2165	1.5644	-1.3006	.54444	.12883	.53206
#2	17.051	2.9940	-2.4069	.39821	.40294	-.06936
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	**-1.3493**	**-.50678**	**-.01612**	**1.1059**
Stddev	1.3700	.61572	.05343	.0862
%RSD	101.53	121.49	331.39	7.7911
#1	-.38061	-.94216	.02166	1.1668
#2	-2.3180	-.07141	-.05390	1.0450
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/14/2007 13:51:43 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8454.3**	**10324.**	**145950.**	**22883.**
Stddev	169.7	206.	100.	520.
%RSD	2.0077	1.9968	.06856	2.2723
#1	8574.3	10470.	145880.	23251.
#2	8334.2	10179.	146020.	22515.

Sample Name: CCV Acquired: 11/14/2007 13:54:27 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**598.23**	**5073.7**	**241.40**	**4995.9**	**125.29**	**12763.**
Stddev	4.84	177.2	1.20	193.4	4.74	478.
%RSD	.80909	3.4921	.49530	3.8707	3.7803	3.7450
#1	601.65	5199.0	240.56	5132.6	128.64	13101.
#2	594.80	4948.4	242.25	4859.2	121.94	12425.
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	**118.49**	**1211.7**	**495.62**	**573.80**	**2558.4**	**12812.**
Stddev	.13	.7	5.97	3.34	104.3	464.
%RSD	.11096	.05395	1.2041	.58190	4.0779	3.6242
#1	118.58	1212.2	499.84	576.16	2632.1	13140.
#2	118.39	1211.3	491.40	571.44	2484.6	12483.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/14/2007 13:54:27 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**12601.**	**1228.1**	**12454.**	**1229.3**	**242.96**	**1125.9**
Stddev	421.	12.2	490.	.2	1.19	28.3
%RSD	3.3379	.99315	3.9315	.01616	.48785	2.5146
#1	12899.	1236.7	12801.	1229.4	243.80	1105.9
#2	12304.	1219.5	12108.	1229.2	242.12	1145.9
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	**236.38**	**241.08**	**1194.1**	**1270.1**
Stddev	1.19	.41	9.8	1.3
%RSD	.50227	.16984	.81918	.10193
#1	235.54	240.79	1201.0	1271.0
#2	237.22	241.37	1187.2	1269.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/14/2007 13:54:27 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**7864.0**	**9909.8**	**140580.**	**21470.**
Stddev	21.6	26.0	821.	603.
%RSD	.27481	.26212	.58396	2.8075
#1	7879.2	9928.2	140000.	21043.
#2	7848.7	9891.4	141170.	21896.

Sample Name: CCB Acquired: 11/14/2007 13:57:02 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.42552**	**24.121**	**.42724**	**1.3970**	**.13283**	**24.201**
Stddev	.22568	3.698	.97750	.0270	.01553	.167
%RSD	53.037	15.333	228.80	1.9351	11.694	.69041
#1	.26594	21.506	1.1184	1.4162	.12185	24.319
#2	.58510	26.736	-.26396	1.3779	.14382	24.083
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	**.05980**	**.60321**	**-.03662**	**.03572**	**13.489**	**6.3799**
Stddev	.03688	.14661	.34079	.05216	1.154	21.254
%RSD	61.669	24.305	930.63	146.01	8.5569	333.15
#1	.08588	.49954	-.27760	.07260	14.305	21.409
#2	.03372	.70688	.20436	-.00116	12.673	-8.6492
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/14/2007 13:57:02 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**27.980**	**.52406**	**3.3015**	**.83747**	**.15215**	**19.332**
Stddev	2.383	.02945	6.2195	.07704	.51813	3.488
%RSD	8.5168	5.6193	188.38	9.1987	340.55	18.042
#1	29.665	.50324	7.6993	.89194	-.21423	21.799
#2	26.295	.54489	-1.0963	.78299	.51852	16.866
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	**-.25403**	**-.18791**	**.53949**	**.92510**
Stddev	.44078	.31527	.35579	.17952
%RSD	173.52	167.77	65.949	19.406
#1	.05765	-.41084	.28791	.79816
#2	-.56571	.03501	.79107	1.0520
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/14/2007 13:57:02 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8235.4**	**10028.**	**142740.**	**21677.**
Stddev	15.7	23.	37.	189.
%RSD	.19015	.23291	.02604	.87294
#1	8224.4	10011.	142720.	21543.
#2	8246.5	10044.	142770.	21810.

Sample Name: 0008711-09 Acquired: 11/14/2007 13:59:48 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**1.8153**	**171660.**	**84.145**	**2544.2**	**4.5213**	**53760.**
Stddev	.3307	183.	.216	5.4	.0012	100.
%RSD	18.217	.10637	.25665	.21412	.02666	.18621
#1	2.0491	171780.	84.297	2548.1	4.5221	53690.
#2	1.5814	171530.	83.992	2540.4	4.5204	53831.
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	**7.0874**	**129.24**	**257.94**	**247.71**	**238540.**	**36179.**
Stddev	.0575	.10	1.26	1.12	2870.	58.
%RSD	.81188	.08019	.48928	.45051	1.2032	.16043
#1	7.1281	129.17	257.05	246.92	240570.	36220.
#2	7.0467	129.32	258.84	248.50	236510.	36138.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-09 Acquired: 11/14/2007 13:59:48 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y5 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**38141.**	**7856.2**	**1830.3**	**188.54**	**480.31**	**12.145**
Stddev	132.	33.5	.8	.57	1.90	.136
%RSD	.34586	.42649	.04467	.30069	.39615	1.1173
#1	38048.	7832.6	1830.9	188.94	478.96	12.049
#2	38234.	7879.9	1829.7	188.14	481.65	12.241
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	**.39868**	**-6.1604**	**522.68**	**994.38**
Stddev	2.1704	1.2076	3.50	2.24
%RSD	544.41	19.602	.66895	.22552
#1	1.9334	-5.3065	520.21	992.79
#2	-1.1361	-7.0143	525.15	995.96
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-09 Acquired: 11/14/2007 13:59:48 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y5 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	**6860.2**	**9946.3**	**141880.**	**23151.**
Stddev	50.0	77.9	75.	139.
%RSD	.72954	.78349	.05259	.60169
#1	6824.8	9891.1	141930.	23053.
#2	6895.6	10001.	141830.	23250.

Sample Name: 0008711-06 Acquired: 11/14/2007 14:02:40 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y2 Dilution: 1.34 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	**.38185**	**149940.**	**68.874**	**2032.9**	**5.4749**	**52829.**
Stddev	.27919	3135.	2.221	43.1	.0990	922.
%RSD	73.116	2.0908	3.2251	2.1187	1.8082	1.7456
#1	.57927	152160.	70.445	2063.3	5.5449	53482.
#2	.18443	147720.	67.304	2002.4	5.4049	52177.
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	**6.5993**	**102.18**	**180.59**	**224.58**	**186640.**	**32049.**
Stddev	.0716	1.48	.71	.56	3536.	607.
%RSD	1.0843	1.4511	.39317	.25151	1.8946	1.8935
#1	6.6499	103.23	180.09	224.18	189140.	32478.
#2	6.5487	101.13	181.10	224.98	184140.	31620.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-06 Acquired: 11/14/2007 14:02:40 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y2 Dilution: 1.34 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	**31900.**	**6127.4**	**1148.6**	**157.15**	**370.34**	**6.0972**
Stddev	547.	47.9	26.4	2.86	7.39	.1285
%RSD	1.7132	.78174	2.2993	1.8213	1.9943	2.1082
#1	32287.	6093.5	1167.3	159.17	375.57	6.0063
#2	31514.	6161.2	1129.9	155.13	365.12	6.1881
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	**-1.0271**	**-5.6322**	**379.21**	**910.51**
Stddev	.5541	1.4763	1.07	15.96
%RSD	53.950	26.212	.28124	1.7524
#1	-.63526	-4.5883	378.46	921.80
#2	-1.4189	-6.6761	379.97	899.23
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-06 Acquired: 11/14/2007 14:02:40 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y2 Dilution: 1.34 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	**6986.1**	**10030.**	**145350.**	**23022.**
Stddev	112.4	153.	388.	410.
%RSD	1.6088	1.5235	.26661	1.7813
#1	6906.6	9922.2	145630.	22732.
#2	7065.6	10138.	145080.	23312.

Sample Name: 0008711-09 Acquired: 11/14/2007 14:05:32 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y5 Dilution: 1.49 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	**.65759**	**119800.**	**59.552**	**1761.9**	**3.2219**	**38382.**
Stddev	.26617	4908.	.704	68.9	.1112	1490.
%RSD	40.476	4.0970	1.1816	3.9105	3.4527	3.8818
#1	.84580	116330.	60.049	1713.2	3.1433	37329.
#2	.46938	123270.	59.054	1810.7	3.3006	39436.
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	**5.1425**	**90.445**	**187.75**	**176.57**	**173120.**	**25375.**
Stddev	.1236	.191	.65	.22	2401.	941.
%RSD	2.4028	.21088	.34604	.12383	1.3866	3.7068
#1	5.0551	90.310	188.21	176.41	171420.	24710.
#2	5.2299	90.579	187.29	176.72	174820.	26040.
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: 0008711-09 Acquired: 11/14/2007 14:05:32 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y5 Dilution: 1.49 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	**27410.**	**5841.1**	**1283.8**	**131.83**	**342.00**	**6.1554**
Stddev	1141.	3.4	46.7	.23	1.88	.8714
%RSD	4.1621	.05895	3.6406	.17464	.54977	14.156
#1	26603.	5843.6	1250.8	132.00	343.33	6.7715
#2	28216.	5838.7	1316.9	131.67	340.67	5.5392
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	**-2.0902**	**-7.3805**	**381.45**	**702.98**
Stddev	.2637	.4512	.92	.50
%RSD	12.618	6.1128	.24195	.07056
#1	-2.2767	-7.6995	380.80	703.33
#2	-1.9037	-7.0614	382.10	702.63
Check ?	None	None	None	None
Value				
Range				

Sample Name: 0008711-09 Acquired: 11/14/2007 14:05:32 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: MH23Y5 Dilution: 1.49 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	**7180.8**	**10049.**	**143580.**	**23471.**
Stddev	28.0	44.	154.	674.
%RSD	.38994	.44162	.10704	2.8728
#1	7161.0	10017.	143470.	23948.
#2	7200.6	10080.	143680.	22994.

Sample Name: ZZZZZ Acquired: 11/14/2007 14:08:24 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.14138**	**12.294**	**-.32068**	**.17713**	**.04504**	**5.3806**
Stddev	.10222	.007	.86812	.07642	.00417	1.5266
%RSD	72.299	.05685	270.71	43.143	9.2703	28.373
#1	-.06910	12.299	-.93453	.12309	.04799	6.4601
#2	-.21366	12.289	.29317	.23117	.04208	4.3011
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	**-.11137**	**.10269**	**.02564**	**-.01056**	**26.094**	**31.006**
Stddev	.02917	.13302	.35196	.22852	2.396	45.923
%RSD	26.188	129.54	1372.9	2163.1	9.1811	148.11
#1	-.13200	.19675	.27451	-.17216	27.788	63.479
#2	-.09075	.00862	-.22324	.15103	24.400	-1.4660
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ZZZZZ Acquired: 11/14/2007 14:08:24 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**6.2698**	**1.3021**	**-1.8849**	**-.00685**	**-.63992**	**.58391**
Stddev	11.423	.4169	8.6486	.06474	.40070	.20890
%RSD	182.19	32.015	458.83	945.38	62.617	35.775
#1	-1.8074	1.0073	4.2306	.03893	-.92326	.43620
#2	14.347	1.5969	-8.0004	-.05263	-.35658	.73163
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	**.48143**	**-.13125**	**-.02125**	**.43828**
Stddev	.09929	.42043	.02714	.25811
%RSD	20.624	320.32	127.70	58.891
#1	.41122	.16603	-.04044	.25577
#2	.55164	-.42854	-.00206	.62079
Check ?	None	None	None	None
Value				
Range				

Sample Name: ZZZZZ Acquired: 11/14/2007 14:08:24 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8191.0**	**10003.**	**144770.**	**21702.**
Stddev	161.1	197.	209.	705.
%RSD	1.9672	1.9738	.14411	3.2490
#1	8304.9	10142.	144910.	21203.
#2	8077.1	9863.3	144620.	22201.

Sample Name: ZZZZZ Acquired: 11/14/2007 14:11:11 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.43158**	**-2.1227**	**.14536**	**.04365**	**.02488**	**2.3681**
Stddev	.08420	3.9462	.58257	.08415	.04448	1.2097
%RSD	19.509	185.90	400.78	192.78	178.78	51.083
#1	-.49111	.66767	.55730	-.01585	.05633	3.2235
#2	-.37204	-4.9131	-.26658	.10315	-.00657	1.5127
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	**-.06560**	**-.05472**	**-.58995**	**-.15977**	**9.0364**	**11.044**
Stddev	.03199	.10322	.07886	.22020	2.0084	13.681
%RSD	48.766	188.62	13.367	137.83	22.226	123.88
#1	-.08822	-.12771	-.53418	-.31547	10.457	20.718
#2	-.04298	.01826	-.64571	-.00406	7.6163	1.3696
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: ZZZZZ Acquired: 11/14/2007 14:11:11 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**7.1017**	**.17416**	**1.2091**	**-.18302**	**-.75536**	**-.31455**
Stddev	.4919	.07824	3.6307	.16257	.41946	.00948
%RSD	6.9266	44.925	300.27	88.827	55.532	3.0126
#1	7.4496	.22949	-1.3582	-.06806	-1.0520	-.30785
#2	6.7539	.11884	3.7764	-.29797	-.45875	-.32125
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	**.00026**	**-.20553**	**-.05857**	**.17936**
Stddev	.11761	.29877	.04176	.01724
%RSD	44553.	145.37	71.304	9.6099
#1	-.08290	.00573	-.02904	.16717
#2	.08343	-.41679	-.08810	.19155
Check ?	None	None	None	None
Value				
Range				

Sample Name: ZZZZZ Acquired: 11/14/2007 14:11:11 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8257.9**	**10033.**	**142370.**	**22275.**
Stddev	42.8	27.	114.	298.
%RSD	.51862	.27130	.07986	1.3380
#1	8227.7	10014.	142450.	22486.
#2	8288.2	10052.	142290.	22065.

Sample Name: BLANK Acquired: 11/14/2007 14:13:57 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.40403**	**19.218**	**-.37875**	**.10813**	**-.00946**	**6.3615**
Stddev	.07920	4.614	.58459	.03237	.01650	3.1327
%RSD	19.602	24.010	154.35	29.934	174.37	49.245
#1	-.46003	15.955	.03462	.08524	-.02113	8.5766
#2	-.34803	22.481	-.79212	.13102	.00220	4.1463
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	**-.00468**	**.00415**	**-.32709**	**.23700**	**29.977**	**45.754**
Stddev	.02316	.03347	.22902	.21206	1.784	60.097
%RSD	494.29	806.92	70.017	89.475	5.9495	131.35
#1	-.02106	.02781	-.48902	.38695	31.238	3.2591
#2	.01169	-.01952	-.16515	.08706	28.716	88.250
Check ?	None	None	None	None	None	None
Value						
Range						

Sample Name: BLANK Acquired: 11/14/2007 14:13:57 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**15.792**	**1.1029**	**-2.2989**	**.22466**	**-.00070**	**.34329**
Stddev	14.262	.0539	3.6682	.18302	.37887	.06674
%RSD	90.312	4.8866	159.57	81.466	54237.	19.440
#1	25.876	1.0648	.29494	.09524	.26720	.39048
#2	5.7070	1.1410	-4.8927	.35408	-.26860	.29610
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	**.11304**	**-.83134**	**-.18712**	**.61340**
Stddev	.06110	.07240	.17725	.11985
%RSD	54.053	8.7090	94.723	19.538
#1	.06984	-.88254	-.31246	.52866
#2	.15625	-.78014	-.06179	.69814
Check ?	None	None	None	None
Value				
Range				

Sample Name: BLANK Acquired: 11/14/2007 14:13:57 Type: Unk
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8340.7**	**10101.**	**141920.**	**22089.**
Stddev	193.1	221.	85.	414.
%RSD	2.3154	2.1896	.05986	1.8754
#1	8477.3	10257.	141860.	21796.
#2	8204.2	9944.4	141980.	22382.

Sample Name: ZCRI Acquired: 11/14/2007 14:16:41 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**9.7508**	**4.5495**	**10.465**	**.04121**	**4.9498**	**1.5794**
Stddev	.9900	.0547	.253	.05195	.1957	1.0293
%RSD	10.154	1.2023	2.4200	126.05	3.9542	65.174
#1	10.451	4.5108	10.644	.07795	4.8114	.85151
#2	9.0507	4.5882	10.286	.00448	5.0882	2.3072
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	**4.7618**	**50.464**	**9.6156**	**23.281**	**5.6476**	**5.4570**
Stddev	.1277	.012	.2291	1.447	.2198	16.068
%RSD	2.6820	.02316	2.3831	6.2149	3.8924	294.44
#1	4.8521	50.456	9.7776	24.304	5.4921	16.819
#2	4.6715	50.473	9.4535	22.258	5.8030	-5.9046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: ZCRI Acquired: 11/14/2007 14:16:41 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**2.5707**	**15.456**	**-.11821**	**41.279**	**11.109**	**46.917**
Stddev	2.2691	.945	2.5648	.140	.149	1.166
%RSD	88.266	6.1132	2169.8	.34026	1.3446	2.4849
#1	4.1752	16.124	-1.9318	41.379	11.214	46.093
#2	.96622	14.788	1.6954	41.180	11.003	47.742
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**34.057**	**25.745**	**48.638**	**65.098**
Stddev	.388	.641	2.723	.079
%RSD	1.1380	2.4890	5.5993	.12179
#1	34.331	25.292	50.563	65.154
#2	33.783	26.199	46.712	65.042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ZCRI Acquired: 11/14/2007 14:16:41 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: ZCRI 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	**8183.6**	**9935.7**	**146760.**	**22269.**
Stddev	22.2	37.5	6328.	630.
%RSD	.27083	.37711	4.3118	2.8292
#1	8168.0	9909.2	142280.	22714.
#2	8199.3	9962.1	151230.	21823.

Sample Name: CRI Acquired: 11/14/2007 14:19:22 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**10.321**	**-2.3614**	**10.440**	**.00577**	**4.9883**	**.75538**
Stddev	.320	1.1932	.102	.05257	.4201	.71158
%RSD	3.0964	50.532	.97597	910.61	8.4213	94.202
#1	10.095	-3.2051	10.512	-.03140	5.2853	1.2585
#2	10.547	-1.5176	10.368	.04294	4.6913	.25221
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	**4.7413**	**50.465**	**10.085**	**24.271**	**6.2229**	**3.1091**
Stddev	.0340	.073	.320	.356	2.1738	15.240
%RSD	.71813	.14437	3.1681	1.4668	34.933	490.19
#1	4.7654	50.413	10.311	24.523	7.7600	-7.6675
#2	4.7172	50.516	9.8590	24.020	4.6858	13.886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: CRI Acquired: 11/14/2007 14:19:22 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**9.9588**	**16.108**	**-1.1658**	**41.145**	**11.880**	**50.904**
Stddev	4.5630	.019	1.7147	.026	.589	1.110
%RSD	45.819	.11902	147.08	.06302	4.9615	2.1802
#1	13.185	16.094	.04666	41.127	12.297	50.119
#2	6.7323	16.121	-2.3783	41.164	11.463	51.689
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	**33.011**	**25.384**	**50.013**	**65.186**
Stddev	.997	.149	.144	.291
%RSD	3.0196	.58526	.28855	.44649
#1	32.306	25.489	50.115	64.980
#2	33.716	25.279	49.911	65.391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRI Acquired: 11/14/2007 14:19:22 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**8186.9**	**9972.9**	**142630.**	**22294.**
Stddev	2.6	16.5	221.	1281.
%RSD	.03128	.16543	.15519	5.7457
#1	8188.8	9984.6	142480.	21388.
#2	8185.1	9961.2	142790.	23200.

Sample Name: ICSA Acquired: 11/14/2007 14:22:03 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**-.59312**	**235310.**	**1.1651**	**-2.7156**	**1.4263**	**229780.**
Stddev	.05028	5144.	2.2427	.0865	.0774	1463.
%RSD	8.4771	2.1858	192.49	3.1840	5.4263	.63679
#1	-.55757	231680.	-.42072	-2.6544	1.3716	228750.
#2	-.62868	238950.	2.7510	-2.7767	1.4811	230820.
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	**1.7428**	**2.9934**	**42.262**	**21.254**	**90521.**	**-114.91**
Stddev	.1000	.1080	.277	.176	2051.	3.59
%RSD	5.7402	3.6079	.65564	.82588	2.2660	3.1229
#1	1.8136	3.0698	42.066	21.129	89070.	-117.45
#2	1.6721	2.9171	42.458	21.378	91971.	-112.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/14/2007 14:22:03 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**239750.**	**14.944**	**679.35**	**16.219**	**3.8588**	**2.7069**
Stddev	5731.	.179	8.19	.276	1.2009	.0142
%RSD	2.3904	1.1988	1.2057	1.7042	31.121	.52480
#1	235690.	15.071	673.56	16.415	4.7080	2.6968
#2	243800.	14.817	685.14	16.024	3.0097	2.7169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**-5.7453**	**-1.6724**	**-.20686**	**24.898**
Stddev	.3698	.8217	.13326	.278
%RSD	6.4366	49.137	64.421	1.1148
#1	-6.0067	-1.0913	-.30108	25.095
#2	-5.4838	-2.2534	-.11263	24.702
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSA Acquired: 11/14/2007 14:22:03 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**6752.8**	**9088.3**	**129150.**	**21574.**
Stddev	7.3	6.6	440.	372.
%RSD	.10777	.07219	.34048	1.7260
#1	6747.6	9083.6	128840.	21837.
#2	6757.9	9092.9	129460.	21311.

Sample Name: ICSAB Acquired: 11/14/2007 14:24:50 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**204.86**	**242120.**	**94.165**	**501.41**	**474.38**	**232450.**
Stddev	1.05	1544.	1.313	3.70	2.52	1682.
%RSD	.51023	.63773	1.3938	.73828	.53051	.72363
#1	205.60	243210.	95.093	504.03	476.16	233640.
#2	204.12	241030.	93.237	498.79	472.60	231260.
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	**933.80**	**498.68**	**514.14**	**504.17**	**92907.**	**-110.58**
Stddev	15.56	9.02	1.91	.29	472.	33.79
%RSD	1.6658	1.8081	.37174	.05686	.50850	30.562
#1	944.80	505.06	515.49	504.37	93241.	-86.682
#2	922.80	492.31	512.78	503.97	92573.	-134.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB Acquired: 11/14/2007 14:24:50 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**246590.**	**497.05**	**699.34**	**1020.1**	**59.481**	**542.13**
Stddev	997.	.86	6.99	16.4	2.445	2.45
%RSD	.40417	.17224	.99969	1.6031	4.1111	.45278
#1	247290.	497.66	694.40	1031.6	61.210	540.39
#2	245880.	496.44	704.29	1008.5	57.752	543.86
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	**54.192**	**92.469**	**475.75**	**1047.0**
Stddev	.845	1.849	.53	18.1
%RSD	1.5595	1.9997	.11046	1.7312
#1	54.789	93.777	476.12	1059.8
#2	53.594	91.162	475.38	1034.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICSAB Acquired: 11/14/2007 14:24:50 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**6633.8**	**8950.7**	**128590.**	**21214.**
Stddev	93.5	122.8	466.	75.
%RSD	1.4089	1.3724	.36212	.35511
#1	6567.7	8863.9	128260.	21161.
#2	6699.9	9037.6	128920.	21267.

Sample Name: CCV Acquired: 11/14/2007 14:27:31 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**594.21**	**4780.2**	**240.64**	**4742.2**	**117.81**	**11990.**
Stddev	.15	51.0	1.72	61.7	1.44	109.
%RSD	.02550	1.0668	.71506	1.3004	1.2221	.90768
#1	594.32	4744.1	241.86	4698.6	116.79	11913.
#2	594.10	4816.2	239.42	4785.8	118.83	12067.
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	**117.95**	**1199.2**	**489.09**	**570.83**	**2410.4**	**12161.**
Stddev	.13	1.3	2.67	.15	31.8	53.
%RSD	.11114	.11231	.54687	.02680	1.3208	.43860
#1	118.04	1198.3	490.98	570.94	2387.9	12123.
#2	117.85	1200.2	487.20	570.73	2432.9	12199.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/14/2007 14:27:31 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**11861.**	**1214.3**	**11857.**	**1215.2**	**240.99**	**1151.3**
Stddev	83.	2.1	140.	1.9	.32	15.4
%RSD	.70262	.17498	1.1779	.15300	.13253	1.3340
#1	11802.	1215.8	11759.	1213.9	241.21	1140.4
#2	11920.	1212.8	11956.	1216.5	240.76	1162.2
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	**236.04**	**238.80**	**1186.1**	**1252.1**
Stddev	1.74	.96	.1	3.1
%RSD	.73819	.40041	.00696	.24434
#1	234.80	238.13	1186.2	1249.9
#2	237.27	239.48	1186.0	1254.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV Acquired: 11/14/2007 14:27:31 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**7803.1**	**9796.4**	**139350.**	**22264.**
Stddev	14.9	11.3	322.	85.
%RSD	.19106	.11583	.23078	.38283
#1	7813.7	9804.4	139120.	22324.
#2	7792.6	9788.4	139570.	22204.

Sample Name: CCB Acquired: 11/14/2007 14:30:07 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**.11569**	**25.698**	**.65530**	**1.9082**	**.13058**	**27.020**
Stddev	.16069	2.769	.55744	.0755	.01226	1.049
%RSD	138.89	10.777	85.067	3.9538	9.3903	3.8824
#1	.00207	23.740	1.0495	1.9615	.13925	27.762
#2	.22931	27.657	.26113	1.8548	.12191	26.279
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	**.17884**	**1.1586**	**-.24422**	**.13739**	**15.973**	**26.386**
Stddev	.07272	.2655	.03000	.11074	.738	21.813
%RSD	40.660	22.916	12.285	80.603	4.6220	82.668
#1	.12742	.97084	-.22300	.21569	16.495	10.962
#2	.23026	1.3463	-.26543	.05908	15.451	41.810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/14/2007 14:30:07 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avg	**32.673**	**.66875**	**.24531**	**1.4522**	**1.1874**	**21.195**
Stddev	3.411	.06693	.44447	.2848	.6194	1.666
%RSD	10.440	10.008	181.19	19.616	52.164	7.8615
#1	35.085	.62143	-.06898	1.2508	1.6254	22.373
#2	30.261	.71608	.55960	1.6536	.74944	20.017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {464}
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)
Units	ug/L	ug/L	ug/L	ug/L
Avg	**2.1881**	**-.22856**	**.87872**	**1.5237**
Stddev	1.4573	.84699	.32687	.4898
%RSD	66.601	370.57	37.198	32.148
#1	3.2185	.37035	.64759	1.1773
#2	1.1576	-.82747	1.1099	1.8700
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB Acquired: 11/14/2007 14:30:07 Type: QC
Method: TAL20071114A Mode: CONC Corr. Factor: 1.000000
User: admin Client sample ID: 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	**7981.1**	**9682.3**	**141180.**	**21745.**
Stddev	263.0	306.0	245.	338.
%RSD	3.2947	3.1605	.17319	1.5526
#1	8167.0	9898.7	141010.	21506.
#2	7795.1	9465.9	141350.	21983.

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Sample Digestion – Logbook
ICP-AES

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

Method: ILMO5.4 SOP: 2SOP01 Circle One: (Total) / Dissolved Sample Matrix: SOIL
Prep Start Date &Time: 11/13/07 9:00 LCS ID: A606030 Prep Code: HS2 Prep Batch ID: IcpBLKQ3
Prep End Date &Time: 11/13/07 14:00 MS ID: Commerty Temperature of Hot Block: 94 °C Thermometer ID: –
HCl ID (conc. / 1 :1): 637-117-07 HNO_3 ID (conc. / 1 :1) : 637-116-07 H_2O_2 ID : A601016 Others : –

Lab Sample ID	Client Sample ID	Sample Aliquot G / mL	Final Volume (mL)	Dil.	HCl Added (ml) (conc. / 1 :1)	HNO3 Added (ml) (conc. / 1 :1)	LCS Added (µl)	MS Added (µl)	H_2O_2 Added (ml)	Color Ini./Fin	Clarity Ini./Fin	Texture Ini./Fin	Comments
IcpBLKQ3	PB3Q3	1.00	100	1x	10	5/10	NA	NA	4	8/3	B/A	F	
IcpLCSQ3	LCS3Q3	1.00					–						
Ono8709-01	MH23K0	1.02					NA			10/3			
-02	K1	1.01											
-02D	K1D	1.02											
-02S	K1S	1.01						Commerty					← 0.8ml 637-43-07 2.0ml A605005
-03	K2	1.03						NA					
-04	K3	1.04											
-05	K4	1.01											
-06	K5	1.03											
-07	K6	1.04											
-08	K7	1.01											
-09	K8	1.02											

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

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

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Sample Digestion – Logbook
ICP-AES

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

Method: ICM05.4
Prep Start Date &Time: 11/13/07 9:00
Prep End Date &Time: 11/13/07 14:00
HCl ID (conc. / 1 :1): 637-117-07

SOP: 2SOP01
LCS ID: A606030
MS ID: Comments
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 : A601016

Sample Matrix: SOIL
Prep Batch ID: ICPBLKQ3
Thermometer ID: –
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
0008709-10	MH23K9	1.01	100	1x	10	5/10	NA	NA	4ml	10/3	B/A	F	
-11	MH24D5	1.04											
0008711-01	MH23X6	1.02											
-02	X7	1.00											
-03	X8	1.02											
-04	X9	1.04											
-05	Y0	1.03											
-06	Y2	1.04											
-07	Y3	1.02											
-08	Y4	1.01											
-09	Y5	1.01											

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

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

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CLP ILM05.3 ICP-AES Instrument Run Log

Instrument ID: B-ICP6500

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

START DATE: 11/14/07 START TIME: 11:22 END DATE: 11/14/07 END TIME: 14:30
SEQUENCE: TAL20071114A CALIBRATION ID: – ANALYTICAL METHOD: ILM05.4
SOP: 2SOP06 CAL STD ID 686-34-07 ICV/CCV ID: 686-36-07 / 686-35-07.
ICB/CCB ID: 686-33-07. CRI ID: 686-37-07. 2% HNO3 ID: 686-33-07.
ICSA ID: 686-38-07. ICSAB ID: 686-38-07. ISTD ID: 686-39-07.

CLIENT SAMPLE ID	LAB SAMPLE ID	DILUTION	PREP BATCH ID	COMMENTS
See attached electronic Run log.				
8705, 8708, 8709, 8711.				

NOTES :

ANALYST/DATE: SW 11/14/07. REVIEWER/DATE: RRB 11/16/07

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Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-0716/100 *Analysis Date:* 11/14/07
Sequence: TAL20071114A *Analyst/Date:* SMW 11/14/07
Method ILM05.4 *Reviewer/Date:*
SOP 28sop06.

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	S0 / S0	11/14/07	11:22:36	1.00	TAL20071114A.txt	
0	S / S	11/14/07	11:25:20	1.00	TAL20071114A.txt	
0	ICV1 / ICV	11/14/07	11:27:59	1.00	TAL20071114A.txt	
0	ICB1 / ICB	11/14/07	11:30:32	1.00	TAL20071114A.txt	
0	CRDL1 / CRI	11/14/07	11:33:16	1.00	TAL20071114A.txt	
0	ICS-A1 / ICSA	11/14/07	11:35:57	1.00	TAL20071114A.txt	
0	ICS-AB1 / ICSAB	11/14/07	11:38:44	1.00	TAL20071114A.txt	
0	CCV1 / CCV	11/14/07	11:41:25	1.00	TAL20071114A.txt	
0	CCB1 / CCB	11/14/07	11:44:01	1.00	TAL20071114A.txt	
0	ICPBLCSP9 / LCSSP9	11/14/07	11:46:47	1.30	TAL20071114A.txt	cu
0	0008705-03S / MH24A3S	11/14/07	11:49:35	1.00	TAL20071114A.txt	122
0	0008708-08A / MH23H7A	11/14/07	11:52:24	1.00	TAL20071114A.txt	cu
0	ZZZZZ / ZZZZZ	11/14/07	11:55:14	1.00	TAL20071114A.txt	124
0	ZZZZZ / ZZZZZ	11/14/07	11:58:02	1.00	TAL20071114A.txt	125
0	ICPBLKQ3 / PBSQ3	11/14/07	12:00:49	1.00	TAL20071114A.txt	126
0	ZCRI / ZCRI	11/14/07	12:03:34	1.00	TAL20071114A.txt	
0	CRDL2 / CRI	11/14/07	12:06:15	1.00	TAL20071114A.txt	
0	ICS-A2 / ICSA	11/14/07	12:08:56	1.00	TAL20071114A.txt	
0	ICS-AB2 / ICSAB	11/14/07	12:11:44	1.00	TAL20071114A.txt	
0	CCV2 / CCV	11/14/07	12:14:24	1.00	TAL20071114A.txt	
0	CCB2 / CCB	11/14/07	12:17:00	1.00	TAL20071114A.txt	
0	ICPLCSQ3 / LCSSQ3	11/14/07	12:19:45	1.00	TAL20071114A.txt	127
0	0008709-01 / MH23K0	11/14/07	12:22:33	1.00	TAL20071114A.txt	128
0	0008709-02 / MH23K1	11/14/07	12:25:27	1.00	TAL20071114A.txt	129
0	0008709-02D / MH23K1D	11/14/07	12:28:16	1.00	TAL20071114A.txt	
0	0008709-02S / MH23K1S	11/14/07	12:31:05	1.00	TAL20071114A.txt	
0	0008709-02L / MH23K1L	11/14/07	12:33:52	5.00	TAL20071114A.txt	
0	0008709-03 / MH23K2	11/14/07	12:36:33	1.00	TAL20071114A.txt	
0	0008709-04 / MH23K3	11/14/07	12:39:27	1.00	TAL20071114A.txt	
0	0008709-05 / MH23K4	11/14/07	12:42:17	1.00	TAL20071114A.txt	0000000272

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Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-0716/100 *Analysis Date:* 11/14/07
Sequence: TAL20071114A *Analyst/Date:* SWD 11/14/07
Method ILM05.4 *Reviewer/Date:*
SOP 2SOP06

No.	Lab Sample / Client Sample	Analysis Date	Time	DF	Data File	Standard ID & Comments
0	BLANK / BLANK	11/14/07	12:45:06	1.00	TAL20071114A.txt	
0	CCV3 / CCV	11/14/07	12:47:51	1.00	TAL20071114A.txt	
0	CCB3 / CCB	11/14/07	12:50:27	1.00	TAL20071114A.txt	
0	0008709-06 / MH23K5	11/14/07	12:53:13	1.00	TAL20071114A.txt	
0	0008709-07 / MH23K6	11/14/07	12:56:03	1.00	TAL20071114A.txt	
0	0008709-08 / MH23K7	11/14/07	12:58:54	1.00	TAL20071114A.txt	
0	0008709-09 / MH23K8	11/14/07	13:01:35	1.00	TAL20071114A.txt	
0	0008709-10 / MH23K9	11/14/07	13:04:21	1.00	TAL20071114A.txt	
0	BLANK / BLANK	11/14/07	13:07:13	1.00	TAL20071114A.txt	
0	ZCRI / ZCRI	11/14/07	13:09:57	1.00	TAL20071114A.txt	
0	CRDL3 / CRI	11/14/07	13:12:39	1.00	TAL20071114A.txt	
0	ICS-A3 / ICSA	11/14/07	13:15:20	1.00	TAL20071114A.txt	
0	ICS-AB3 / ICSAB	11/14/07	13:18:07	1.00	TAL20071114A.txt	
0	CCV4 / CCV	11/14/07	13:20:49	1.00	TAL20071114A.txt	
0	CCB4 / CCB	11/14/07	13:23:26	1.00	TAL20071114A.txt	
0	0008709-11 / MH24D5	11/14/07	13:26:12	1.00	TAL20071114A.txt	
0	0008711-01 / MH23X6	11/14/07	13:29:03	1.00	TAL20071114A.txt	
0	0008711-02 / MH23X7	11/14/07	13:32:03	1.00	TAL20071114A.txt	
0	0008711-03 / MH23X8	11/14/07	13:34:49	1.00	TAL20071114A.txt	
0	0008711-04 / MH23X9	11/14/07	13:37:36	1.00	TAL20071114A.txt	
0	0008711-05 / MH23Y0	11/14/07	13:40:27	1.00	TAL20071114A.txt	
0	0008711-06 / MH23Y2	11/14/07	13:43:13	1.00	TAL20071114A.txt	
0	0008711-07 / MH23Y3	11/14/07	13:46:06	1.00	TAL20071114A.txt	
0	0008711-08 / MH23Y4	11/14/07	13:48:52	1.00	TAL20071114A.txt	
0	BLANK / BLANK	11/14/07	13:51:43	1.00	TAL20071114A.txt	
0	CCV5 / CCV	11/14/07	13:54:27	1.00	TAL20071114A.txt	
0	CCB5 / CCB	11/14/07	13:57:02	1.00	TAL20071114A.txt	
0	0008711-09 / MH23Y5	11/14/07	13:59:48	1.00	TAL20071114A.txt	
0	0008711-06 / MH23Y2	11/14/07	14:02:40	1.34	TAL20071114A.txt	FE
0	0008711-09 / MH23Y5	11/14/07	14:05:32	1.49	TAL20071114A.txt	FE 0000000273

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Instrument Run Log

Instrument ID: B-ICAP6500

Runlog, Logbook (RCN#/Page#): 665-0716/100 *Analysis Date:* 11/14/07

Sequence: TAL20071114A *Analyst/Date:* BW 11/14/07

Method ICMO 5.4 *Reviewer/Date:*

SOP 2SOP06

No.	Lab Sample / Client Sample	Analysis Date	Analysis Time	DF	Data File	Standard ID & Comments
0	ZZZZZ / ZZZZZ	11/14/07	14:08:24	1.00	TAL20071114A.txt	
0	ZZZZZ / ZZZZZ	11/14/07	14:11:11	1.00	TAL20071114A.txt	
0	BLANK / BLANK	11/14/07	14:13:57	1.00	TAL20071114A.txt	
0	ZCRI / ZCRI	11/14/07	14:16:41	1.00	TAL20071114A.txt	
0	CRDL4 / CRI	11/14/07	14:19:22	1.00	TAL20071114A.txt	
0	ICS-A4 / ICSA	11/14/07	14:22:03	1.00	TAL20071114A.txt	
0	ICS-AB4 / ICSAB	11/14/07	14:24:50	1.00	TAL20071114A.txt	
0	CCV6 / CCV	11/14/07	14:27:31	1.00	TAL20071114A.txt	
0	CCB6 / CCB	11/14/07	14:30:07	1.00	TAL20071114A.txt	

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Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

Solution Number:	686-33-07	**Analyst:**	SLE
Solution Name:	2% HNO3		
Dilution Solvent #:	DI water		
Prep Date:	11/11/07	**Total Vol. (ml):**	2000
Expiration Date:	11/11/08		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
HNO3 (A710032)	neat	40	2% (v/v)
	SLE 11/11/07		

NOTES _____

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

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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	

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Effective	Area	Type	Number	Version	RCN
13-Apr-07	QA	FORM	2FORM04	1.0	686-1002

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

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

NOTES _____

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

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

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

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

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

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

NOTES _____

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

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

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

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

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

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

NOTES _____

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

00000281

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

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

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

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

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

NOTES _____

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

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

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

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

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

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

NOTES _____

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

00000285

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

The "Certified Value" concentrations of the elements are listed in Table 1. The values are certified in that all results used in calculating the certified values were derived from statistically pooled results from the following sources: ILM05.4 Pre-award, Quarterly Blind, CLP laboratory referee, and QATS analysis. Preparation and analysis must be performed according to the following instructions:

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

Part B (0203), Analytes, mixed with Part A (1206), Interferents: Pipet 10 mL of the Part A solution and 10 mL of the Part B solution into a 100-mL volumetric flask and dilute to volume with 2% v/v HNO3. Analyze this solution, Soln. AB, by ICP-AES.

NOTE: THIS ICS SET FOR USE WITH ILM05.4 AND REVISIONS ONLY, NOT ILM04.x.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES PART A (1206) AND PART A (1206) MIXED WITH PART B (0203)

Element	Concentration (µg/L) Part A	Concentration (µg/L) Part A + Part B
Al	244100	241100
Sb	(0)	589
As	(0)	101
Ba	2	495
Be	(0)	475
Cd	(0)	940
Ca	234900	231100
Cr	43	511
Co	(4)	461
Cu	(23)	548
Fe	95600	94800
Pb	10	61
Mg	247500	251100
Mn	19	502
Ni	(21)	984
Se	(0)	53
Ag	(0)	206
Tl	(0)	103
V	(0)	494
Zn	28	1028

( ) INDICATES ANALYTE VALUES THAT ARE LESS THAN THE CRQL AND THE VALUE IS TO BE USED AS A SET POINT FOR THE +/- 2 TIMES CRQL ACCEPTANCE CRITERIA CALCULATIONS.

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

Solution Number:	686-39-07	**Analyst:**	SLE
Solution Name:	8 Internal standard (AES)		
Dilution Solvent #:	2% HNO_3 (686-33-07)		
Prep Date:	11/1/07	**Total Vol. (ml):**	2000
Expiration Date:	12/1/07		

Lab ID (Receipt Logbook)	Concentration (mg/l or ug/l)	Aliquot (ml or ul)	Final Concentration (mg/l or ug/l)
Y (A605037)	1000	10.0	5.0
In (A708004)	10,000	8.0	40.0
	SLE 11/1/07		

NOTES _____

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

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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

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281-292-5277

Percent Solids Logbook

Effective	Area	Type	Number	Version	RCN
28-Sep-06	WET CHEM	FORM	5FORM03	1.0	670-0731

DATE IN: 11/13/07 TIME IN: 11:05 TEMP IN: 104°C

DATE OUT (1): 11/14/07 TIME OUT (1): 8:05 TEMP OUT (1): 104°C

DATE OUT (2): – TIME OUT (2): – TEMP OUT (2): –

DATE OUT (3): – TIME OUT (3): – TEMP OUT (3): –

SOP: 1083 Method: ASTMD2216-92/SM2540G/ILM05.3/SOM1.1;other.

Oven ID: A Thermometer ID: SER2

Pan # A	Lab Sample ID B	Client Sample ID C	Pan Weight (g) D	Pan + Wet Sample (g) E	Pan + Dry Sample #1 (g) F 1.8	Pan + Dry Sample #2 (g) F	Pan + Dry Sample #3 (g) F	Percent solids ** I
4	7110009-BLK	MBLK57	1.8	–	RS 10/13/07	N/A	N/A	–
1	8709-01	MN23K0	1.7	11.3	~~8~~ 9.6			82.3
2	-02	K1	1.8	11.6	10.1			84.7
3	-02D	K1D	1.8	11.8	10.3			85.0
5	-03	K2	1.8	11.5	6.0			43.3
8	-04	K3	1.8	11.4	10.0			85.4
10	-05	K4	1.8	11.1	9.6			83.9
13	-06	K5	1.8	11.5	9.4			78.3
14	-07	K6	1.7	11.1	9.2			79.8
16	-08	K7	1.8	11.3	7.3			57.9
17	-09	K8	1.7	11.7	7.9			62.0
18	-10	K9	1.9	11.4	10.4			89.5
20	-11	D5	1.7	11.3	10.5			91.7
22	8731-01	MH23X6	1.8	11.1	9.3			80.7
31	-02	X7	1.7	11.9	10.8			89.2
37	-03	X8	1.8	11.3	10.3			89.4

Notes:

Analyst/Date: RS 11/14/07 Reviewer/Date: 11/15/07

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

00000289

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The Woodlands, TX 77380
281-292-5277

Percent Solids Logbook

Effective	Area	Type	Number	Version	RCN
28-Sep-06	WET CHEM	FORM	5FORM03	1.0	670-0731

DATE IN: 11/13/07 TIME IN: 11:05 TEMP IN: 104°C

DATE OUT (1): 11/14/07 TIME OUT (1): 8:05 TEMP OUT (1): 104°C

DATE OUT (2): – TIME OUT (2): – TEMP OUT (2): –

DATE OUT (3): – TIME OUT (3): – TEMP OUT (3): –

SOP: 1883 Method: ASTMD2216-92/SM2540G/ILM05.3/SOM1.1/other.

Oven ID: A Thermometer ID: SER2

Pan # A	Lab Sample ID B	Client Sample ID C	Pan Weight (g) D	Pan + Wet Sample (g) E	Pan + Dry Sample #1 (g) F	Pan + Dry Sample #2 (g) F	Pan + Dry Sample #3 (g) F	Percent solids ** I
33	8711-04	MH23X9	1.8	11.4	9.5	N/A	N/A	80.2
40	-05	Y0	1.8	11.5	10.1			85.6
43	-06	Y2	1.8	11.3	10.1			87.4
48	-07	Y3	1.8	11.3	9.8			84.2
49	-08	Y4	1.7	11.3	10.2			88.5
47	-09	Y5	1.7	11.4	10.0			85.6

RS 11/14/07

Notes:

Analyst/Date: RS 11/14/07 Reviewer/Date: SW 11/15/07

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

00000290

36948 MH23LO
8702 11/9/07

FedEx Express US Airbill

FedEx Tracking Number 8631 9857 5033

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

1 From

Date

Sender's Name Phone

Company

Address Dept./Floor/Suite/Room

City State ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name Phone

Company

Recipient's Address Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

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

City State TX ZIP

8631 9857 5033

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? *One box must be checked.*

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†
6	20	$ .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

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Tracking number	795506075499	**Delivered to**	Shipping/Receiving
Signed for by	J.SCHULZE	**Service type**	Priority Overnight
Ship date	Nov 8, 2007	**Master tracking number**	863198575033
Delivery date	Nov 12, 2007 10:02 AM		
Status	Delivered		
Signature image available	Yes		

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Tracking a FedEx SmartPost Shipment?
Go to shipper login

Date/Time		Activity	Location	Details
Nov 12, 2007	10:02 AM	Delivered		
	7:02 AM	On FedEx vehicle for delivery	CONROE, TX	
Nov 10, 2007	7:47 AM	At local FedEx facility	CONROE, TX	
Nov 9, 2007	8:12 PM	At local FedEx facility	CONROE, TX	
	2:11 PM	Delivery exception	CONROE, TX	Package at station, arrived after courier dispatch
	7:11 AM	At local FedEx facility	HOUSTON, TX	
	5:57 AM	At dest sort facility	HOUSTON, TX	
	4:32 AM	Departed FedEx location	MEMPHIS, TN	
	12:43 AM	Arrived at FedEx location	MEMPHIS, TN	
Nov 8, 2007	8:00 PM	Left origin	SALT LAKE CITY, UT	
	2:05 PM	Picked up	SALT LAKE CITY, UT	

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000000292

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

Station Loca

Tag No. 8-309968

Case No:36948 Richardson Flat Tailings

Sample ID: UE07-CNTY-0.5
Date: 10/29/2007 Time:16:34

Sample No: MH23K5
Analysis: TM

8709-06

Preservative: Yes ☐ No ☐

Lab Sample No.

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

Station Location

Tag No. 8-309975

Case No:36948 Richardson Flat Tailings

Sample ID: UE06-29-0.5
Date: 10/29/2007 Time:15:15

Sample No: MH23K4
Analysis: TM

8709-05

Remarks:

Lab Sample No.

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

Station Location

Tag No. 8-309991

Case No:36948 Richardson Flat Tailings

Sample ID: UE06-28A1X-0.5
Date: 10/29/2007 Time:10:40

Sample No: MH23K3
Analysis: TM

Pesticides
Mutagenicity
Bacteriology

Remarks:

8709-04

Lab Sample No.

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

Station

Tag No. 8-309970

Lab Sample No.

Remarks:

Bacteriology

Case No:36948 Richardson Flat Tailings

Sample ID: UE08-28A1X-0.5

Date: 10/29/2007 Time:13:55

Sample No: MH23K6

Analysis: TM

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

Station Location

Tag No. 8-309976

Lab Sample No.

Remarks:

Case No:36948 Richardson Flat Tailings

Sample ID: UE10-28-0.5

Date: 10/29/2007 Time:12:00

Sample No: MH23K9

Analysis: TM

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

Station I

Tag No. 8-242422

Lab Sample No.

Case No:36948 Richardson Flat Tailing

Sample ID: UE24-50-0.5

Date: 11/2/2007 Time:13:45

Sample No: MH24D5

Analysis: TM

Preservative: Yes ☐ No ☐

Preservative: Yes ☐ No ☐

Case No:36948 Richardson Flat Tailings

Sample ID: UE05-28A1X-0.5
Date: 10/29/2007 Time:12:00

Sample No: MH23K2
Analysis: TM

8709-03

Lab Sample No.

Tag No. 8-309977

Station Loc

Grab

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

---

Case No:36948 Richardson Flat Tailings

Sample ID: UE02-29-0.5
Date: 10/29/2007 Time:11:00

Sample No: MH23K8
Analysis: TM

8709-09

Remarks:

Lab Sample No.

Tag No. 8-309964

Station Location

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

---

Preservative: Yes ☐ No ☐

ANALYSES

Case No:36948 Richardson Flat Tailings

Sample ID: UE08-28A1X-1.0
Date: 10/29/2007 Time:14:05

Sample No: MH23K7
Analysis: TM

8709-08

Lab Sample No.

8-309974

Grab | Comp.

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

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

Station Lo

Tag No. 8-309990

Case No:36948 Richardson Flat Tailings

Sample ID: UE03-28A1X-0.5
Date: 11/6/2007 Time:12:00

Sample No: MH23K0
Analysis: TM

8709-01

Preservative: Yes ☐ No ☐

Lab Sample No.

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

Station Location

Tag No. 8-309984

Remarks:

Case No:36948 Richardson Flat Tailings

Sample ID: UE04-28A1X-0.5
Date: 10/29/2007 Time:10:20

Sample No: MH23K1
Analysis: TM

8709-02

Lab Sample No.

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

Tag No. 8-311182

Station Location: Case No:36948 Richardson Flat Tailing

Samplers (Signatures)

Sample ID: UE2[illegible]Y-0.6
Date: 11/1/2007 Time: 16:00
Sample No: MH23X6
Analysis: TM

Remarks: 8711-01

Lab Sample No.

Bacteriology	Mutagenicity	Pesticides	Volatile Organics	Priority Pollutants	Organics GC/MS	Oil and Grease	Cyanide	Metals	Mercury	Phenolics	COD, TOC, Nutrients	Solids (TSS) (TDS) (SS)	BOD Anions	ANALYSES	Preservative: Yes ☐ No ☐

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

Tag No. 8-311174

Station Location: Case No:36948 Richardson Flat Tailing

Samplers (Signatures)

Sample ID: UW03-47-0.5
Date: 11/1/2007 Time: 09:30
Sample No: MH23X7
Analysis: TM

Remarks: 8711-02

Lab Sample No.

Bacteriology	Mutagenicity	Pesticides	Volatile Organics	Priority Pollutants	Organics GC/MS	Oil and Grease	Cyanide	Metals	Mercury	Phenolics	COD, TOC, Nutrients	Solids (TSS) (TDS) (SS)	BOD Anions	ANALYSES	Preservative: Yes ☐ No ☐

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

Tag No. 8-311154

Station Location: Case No:36948 Richardson Flat Tailing

Samplers (Signatures)

Sample ID: UW03-47-1.0
Date: 11/1/2007 Time:09:45
Sample No: MH23X8
Analysis: TM

Remarks: 8711-03

Lab Sample No.

Bacteriology	Mutagenicity	Pesticides	Volatile Organics	Priority Pollutants	Organics GC/MS	Oil and Grease	Cyanide	Metals	Mercury	Phenolics	COD, TOC, Nutrients	Solids (TSS) (TDS) (SS)	BOD Anions	ANALYSES	Preservative: Yes ☐ No ☐

000000297

Designate: Grab / Comp.

Time

Month/Day/Year

Station No.

Project Code

Samplers (Signatures)

Station Location

Preservative: Yes ☐ No ☐

ANALYSES

BOD	Anions
Solids	(TSS) (TDS) (SS)
COD TOC	Nutrients
Phenolics	
Mercury	
Metals	
Cyanide	
Oil and Grease	
Organics GC/MS	
Priority Pollutants	
Volatile Organics	
Pesticides	
Mutagenicity	
Bacteriology	

Remarks

Case No:36948 Richardson Flat Tailing

Sample ID: UW06-47-0.5

Date: 11/1/2007 Time:14:20

Sample No: MH23X9

Analysis: TM

8711-04

Tag No. 8-311151

Designate: Grab / Comp.

Time

Month/Day/Year

Station No.

Project Code

Samplers (Signatures)

Station Location

Preservative: Yes ☐ No ☐

ANALYSES

BOD	Anions
Solids	(TSS) (TDS) (SS)
COD TOC	Nutrients
Phenolics	
Mercury	
Metals	
Cyanide	
Oil and Grease	
Organics GC/MS	
Priority Pollutants	
Volatile Organics	
Pesticides	
Mutagenicity	
Bacteriology	

Remarks:

Case No:36948 Richardson Flat Tailing

Sample ID: UW08-47-0.5

Date: 11/1/2007 Time:18:50

Sample No: MH23X0

Analysis: TM

8711-05

Tag No. 8-311180

Designate: Grab / Comp.

Time

Month/Day/Year

Station No.

Project Code

Samplers (Signatures)

Station Location

Preservative: Yes ☐ No ☐

ANALYSES

BOD	Anions
Solids	(TSS) (TDS) (SS)
COD TOC	Nutrients
Phenolics	
Mercury	
Metals	
Cyanide	
Oil and Grease	
Organics GC/MS	
Priority Pollutants	
Volatile Organics	
Pesticides	
Mutagenicity	
Bacteriology	

Remarks

Case No:36948 Richardson Flat Tailing

Sample ID: UW11-47-0.5

Date: 11/1/2007 Time: 12:05

Sample No: MH23X8

Analysis: TM

8711-06

Tag No. 8-311167

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

Tag No. 8-311152

Station Location

Case No:36948 Richardson Flat Tailing

Samplers (Signatures)

Sample ID: UW14-47-0.5
Date: 11/1/2007 Time:08:30
Sample No: MH23Y3
Analysis: TM

Remarks:

8711-07

Bacteriology	Mutagenicity	Pesticides	Volatile Organics	Priority Pollutants	Organics GC/MS	Oil and Grease	Cyanide	Metals	Mercury	Phenolics	COD, TOC, Nutrients	BOD, Anions, Solids (TSS) (TDS) (SS)	ANALYSES	Preservative: Yes ☐ No ☐

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

Tag No. 8-311166

Case No:36948 Richardson Flat Tailing

Station Location

Sample ID: UW16-47-0.5
Date: 11/1/2007 Time:11:15
Sample No: MH23Y4
Analysis: TM

Remarks:

8711-08

Bacteriology	Mutagenicity	Pesticides	Volatile Organics	Priority Pollutants	Organics GC/MS	Oil and Grease	Cyanide	Metals	Mercury	Phenolics	COD, TOC, Nutrients	BOD, Anions, Solids (TSS) (TDS) (SS)	ANALYSES	Preservative: Yes ☐ No ☐

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

Tag No. 8-311175

Station Location

Samplers (Signatures)

Case No:36948 Richardson Flat Tailing

Sample ID: UW17-47-0.5
Date: 11/1/2007 Time:11:25
Sample No: MH23Y5
Analysis: TM

Remarks:

8711-09

Bacteriology	Mutagenicity	Pesticides	Volatile Organics	Priority Pollutants	Organics GC/MS	Oil and Grease	Cyanide	Metals	Mercury	Phenolics	COD, TOC, Nutrients	BOD, Anions, Solids (TSS) (TDS) (SS)	ANALYSES	Preservative: Yes ☐ No ☐

000000299

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

Sample Log-in Report

Printed: 11/9/2007 3:37:05PM

WORK ORDER = 0008709

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

Project : ILM05.4
Project Number : CLP SAMPLES
Courier/Airbill # : Fed Ex / 863198575033
COC/TR # : 80656029251106070001,5

Lab Sample	Client Sample	Matrix	#Cont.	Case	SDG	Sampled	Received	Analysis	TAT	Comments
0008709-01	MH23K0	Soil	1	36948	MH23K0	11/06/07 12:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	SDG FIRST SX
								Solids, Dry Weight	21	
0008709-02	MH23K1	Soil	1	36948	MH23K0	10/29/07 10:20	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	MS/DUP
								Solids, Dry Weight	21	
0008709-03	MH23K2	Soil	1	36948	MH23K0	10/29/07 12:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-04	MH23K3	Soil	1	36948	MH23K0	10/29/07 10:40	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-05	MH23K4	Soil	1	36948	MH23K0	10/29/07 15:15	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-06	MH23K5	Soil	1	36948	MH23K0	10/29/07 16:34	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-07	MH23K6	Soil	1	36948	MH23K0	10/29/07 13:55	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-08	MH23K7	Soil	1	36948	MH23K0	10/29/07 14:05	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-09	MH23K8	Soil	1	36948	MH23K0	01/29/07 11:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-10	MH23K9	Soil	1	36948	MH23K0	10/29/07 12:00	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008709-11	MH24D5	Soil	1	36948	MH23K0	11/02/07 13:45	11/09/07 09:43	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	

Reviewed By

11/09/07.
Date

A4 Scientific
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The Woodlands, TX 77380
(281) 292-5277
www.a4scientific.com

Printed: 11/12/2007 1:28:23PM

Sample Log-in Report

WORK ORDER = 0008711

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

Project : ILM05.4
Project Number : CLP SAMPLES
Courier/Airbill # : Fed Ex / 795506075499
COC/TR # : 80656029251107070004

Lab Sample	Client Sample	Matrix	#Cont.	Case	SDG	Sampled	Received	Analysis	TAT	Comments
0008711-01	MH23X6	Soil	1	36948	MH23K0	11/01/07 16:00	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-02	MH23X7	Soil	1	36948	MH23K0	11/01/07 09:30	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-03	MH23X8	Soil	1	36948	MH23K0	11/01/07 09:45	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-04	MH23X9	Soil	1	36948	MH23K0	11/01/07 14:20	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-05	MH23Y0	Soil	1	36948	MH23K0	11/01/07 18:50	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-06	MH23Y2	Soil	1	36948	MH23K0	11/01/07 12:05	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-07	MH23Y3	Soil	1	36948	MH23K0	11/01/07 08:30	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-08	MH23Y4	Soil	1	36948	MH23K0	11/01/07 11:15	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	
								Solids, Dry Weight	21	
0008711-09	MH23Y5	Soil	1	36948	MH23K0	11/01/07 11:25	11/12/07 10:02	ILM05.4-TOTAL ICPAES	21	SDG FINAL SX
								Solids, Dry Weight	21	

0000000301

Jessica Schulze
Reviewed By

11/12/07
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: T70197 Work Order: 8709

SAMPLE ID	CONTAINER TYPE & NO.	DATE/TIME SIGNED IN	SIGNED IN BY	SAMPLE ID	CONTAINER TYPE & NO.	DATE/ TIME SIGNED IN	SIGNED IN BY
8709-01-11	1-Zip lock bag	11/9/07 1135	JS				
							JS 11/9/07

Analyst Checkout/Check in:

SAMPLE ID	CONTAINER TYPE	QUANTITY	SIGNED OUT BY	DATE/ TIME SIGNED OUT	PREP OR ANALYSIS	SIGNED IN BY	DATE/ TIME SIGNED IN	REMARKS
8709-01-11	Zip lock bag	11	SLT	11/13/07 9:00	Ip	SLT	11/13/07 10:10	
8709-01-11	Zip lock bag	11	RS	11/13/07 10:30	V. moisture	RS	11/13/07 12:00	
								JS 11/27/07

Container type: 40ml, 2WM, 4WM, 8WM, 16WM, 32WM, 1L Amber, 80 Amber, 1L Poly, 16 Poly, Other.

Empty containers must be returned to the SAMPLE CUSTODIAN and documented as empty.

000000302

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

Sample Custody Logbook
Cooler A

Effective	Area	Type	Number	Version	RCN
25-June-06	QA	FORM	6FORM06	1.0	671-0802

Sample Custodian Check in:

Login Thermometer ID: T70197 Work Order: 8711

SAMPLE ID	CONTAINER TYPE & NO.	DATE/TIME SIGNED IN	SIGNED IN BY	SAMPLE ID	CONTAINER TYPE & NO.	DATE/ TIME SIGNED IN	SIGNED IN BY
8711-01-09	1-Zip lock bag	11/12/07 1100	[illegible]				
							[illegible] 11/12/07

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
8711-01-09	Zip lock bag	9	SCT	11/13/07 9:00	Dep	SCT	11/13/07 10:10	
8711-01-09	Zip lock bag	9	RS	11/13/07 12:14	% Moisture	RS	11/13/07 12:30	
							[illegible] 11/27/07	

Container type: 40ml, 2WM, 4WM, 8WM, 16WM, 32WM, 1L Amber, 80 Amber, 1L Poly, 16 Poly, Other.

Empty containers must be returned to the SAMPLE CUSTODIAN and documented as empty.

00000303

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Friday, November 09, 2007 10:59 AM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Insufficient/inappropriate designation of laboratory QC | FINAL

Jessica,
Summary Start
Issue: The lab received 121 samples in 5 coolers. There were 2 samples designated for lab QC in each cooler. The lab has a total of 6 SDG, and 10 QC samples designated. Should the lab perform QC on all designated samples or select one of the designated QC samples per SDG?
Resolution: In accordance with previous direction form Region 8, the laboratory will select one of the designated samples for laboratory QC per SDG. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the samples selected for QC, and proceed with the analysis of the samples.
Summary End

Please let me know if you have any questions or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

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From: jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
Sent: Friday, November 09, 2007 11:52 AM
To: Kramer, Caroline
Cc: pradeep@a4scientific.com; pakanati
Subject: Re: Case 36948 | extended to week 11/12

Caroline,

Lab received 121 samples on 11/9/07. Two Lab QC's were assigned per cooler (5 coolers received). Lab will have only 6 SDG's. Lab would like to know if Lab QC is to be performed on all designated samples or should Lab select one sample that is designated for Lab QC per SDG.

----- Original Message -----
From: Kramer, Caroline
To: jschulze@a4scientific.com ; pradeep@a4scientific.com
Sent: Wednesday, November 07, 2007 9:25 AM
Subject: Case 36948 | extended to week 11/12

Jessica,
I just heard from Region 8 that the samplers for Case 36948 are running into some bad weather in the field. They are planning on sending 130 samples this week. The Case will be extended into next week 11/12 for the shipment of the remaining samples.
Please let me know if you have any questions.
Thanks,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

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00000304

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Monday, November 12, 2007 9:31 AM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Discrepancies with tags, jars, and/or TR/COC | FINAL

Jessica,
Summary Start
Issue: The tag numbers listed on the TR/COC do not match the physical tags attached to the samples. All other information between the tags and the TR/COC matched accordingly.
Resolution: IN accordance with previous direction from Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the sample using the sample tag number attached to the sample container.
Summary End

Please let me know if you have any question or problems.
Thank you,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

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From: jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
Sent: Monday, November 12, 2007 10:28 AM
To: Kramer, Caroline
Subject: Re: CASE 36948

YES.

---- Original Message ----
From: Kramer, Caroline
To: jschulze@a4scientific.com
Sent: Monday, November 12, 2007 9:13 AM
Subject: FW: CASE 36948

Jessica,
Does all of the other information match accordingly between the sample tag and the TR/COC for samples in Case 36948?
Thanks,

Caroline L. Kramer
ckramer5@fedcsc.com
Computer Sciences Corporation (CSC)
703.818.4248

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From: jschulze@a4scientific.com [mailto:jschulze@a4scientific.com]
Sent: Monday, November 12, 2007 10:11 AM
To: Kramer, Caroline
Cc: pradeep@a4scientific.com; pakanati
Subject: CASE 36948

000000305

Caroline,

Issue: Samples for case 36948 were received on 11/9/2007. TR/COC listed tag numbers do not match physical tag numbers.

Please let me know if you have any questions.
Thanks.

Jessica Schulze
A4 Scientific Inc.
1544 Sawdust Rd. Suite 505
The Woodlands, Texas 77380
(281) 292-5277

00000306

jschulze@a4scientific.com

From: "Kramer, Caroline" <ckramer5@fedcsc.com>
To: <jschulze@a4scientific.com>; <pradeep@a4scientific.com>
Cc: <beard.carol@epa.gov>
Sent: Thursday, November 15, 2007 2:11 PM
Subject: Region 08 | Case 36948 | Lab A4 | Issue Multiple | FINAL

Jessica,
Summary Start
-Missing/broken custody seals-
Issue 1: For samples received on 11/12 there were no custody seals, but the cooler did not appear to be tampered with.
Resolution 1: Per Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

-Discrepancies with tags, jars, and/or TR/COC-
Issue 2: The sample tag numbers do not match the tag numbers listed on the TR/COC.
Resolution 2: In accordance with previous direction from Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the sample using the sample tag number attached to the sample container.

-Missing temperature blank-
Issue 3: There was no temperature blank received with the samples. The cooler temperature was determined to be 6C.
Resolution 3: 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.
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

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-----Original Message-----
From: Beard.Carol@epamail.epa.gov [mailto:Beard.Carol@epamail.epa.gov]
Sent: Thursday, November 15, 2007 3:07 PM
To: Kramer, Caroline
Subject: Re: Region 08 | Case 36948 | Lab A4 | Issue Multiple

Caroline -

Issue # 1:

The laboratory should note this in the case narrative and proceed with analyses. Thanks! Carol

"Kramer, Caroline" <ckramer5@fedcsc.com>	To Carol Beard/EPR/R8/USEPA/US@EPA
11/15/2007 01:00 PM	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 and 3 can be resolved using standard answers.

-Missing/broken custody seals-
Issue 1: For samples received on 11/12 there were no custody seals, but the cooler did not appear to be tampered with.

-Discrepancies with tags, jars, and/or TR/COC-
Issue 2: The sample tag numbers do not match the tag numbers listed on the TR/COC.
Resolution 2: In accordance with previous direction from Region 8, the laboratory will note the issue in the SDG Narrative and proceed with the analysis of the sample using the sample tag number attached to the sample container.

-Missing temperature blank-
Issue 3: There was no temperature blank received with the samples. The cooler temperature was determined to be 6C.
Resolution 3: 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.

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: Thursday, November 15, 2007 1:15 PM
To: Kramer, Caroline
Cc: pradeep@a4scientific.com; pakanati
Subject: CASE/SDG 36948/MH23K0, W6 & Y1

Caroline,

For cooler received on 11/12/2007. Airbill # 795506075499.

Issue1: Custody Seals were absent, cooler was not tampered with.

Issue 2: Sample Tag numbers did not match tag numbers listed on TR/COC's.

Issue 3: Cooler Temperature blank was absent. Cooler temperature was 6 degrees.

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