

30-015-35257



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Analytical and Quality Control Report

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Report Date: January 4, 2007

Work Order: 7010407



Project Location: Sec 33-T175-R30E Eddy County, NM
 Project Name: Full Tank 33 Fed 3Y
 Project Number: Full Tank 33 Fed 3Y

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
113039	Bkg North	soil	2007-01-03	13:35	2007-01-04
113040	Bkg South	soil	2007-01-03	13:15	2007-01-04
113041	Bkg East	soil	2007-01-03	13:45	2007-01-04
113042	Bkg West	soil	2007-01-03	13:25	2007-01-04

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 6 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 113039 - Bkg North

Analysis: Chloride (Titration)
QC Batch: 33371
Prep Batch: 29003

Analytical Method: SM 4500-C1 B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-04

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		26.7	mg/Kg	2	2.00

Sample: 113040 - Bkg South

Analysis: Chloride (Titration)
QC Batch: 33371
Prep Batch: 29003

Analytical Method: SM 4500-C1 B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-04

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<4.00	mg/Kg	2	2.00

Sample: 113041 - Bkg East

Analysis: Chloride (Titration)
QC Batch: 33371
Prep Batch: 29003

Analytical Method: SM 4500-C1 B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-04

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<4.00	mg/Kg	2	2.00

Sample: 113042 - Bkg West

Analysis: Chloride (Titration)
QC Batch: 33371
Prep Batch: 29003

Analytical Method: SM 4500-C1 B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-04

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		73.3	mg/Kg	2	2.00

Method Blank (1) QC Batch: 33371

QC Batch: 33371
Prep Batch: 29003

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: SM
Prepared By: SM

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Laboratory Control Spike (LCS-1)

QC Batch: 33371
Prep Batch: 29003

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: SM
Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	102	mg/Kg	1	100	<0.500	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	100	mg/Kg	1	100	<0.500	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 113046

QC Batch: 33371
Prep Batch: 29003

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: SM
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	193	mg/Kg	2	200	<1.00	96	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	191	mg/Kg	2	200	<1.00	96	70 - 130	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 33371

Date Analyzed: 2007-01-04

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.0	99	85 - 115	2007-01-04

Standard (CCV-1)

QC Batch: 33371

Date Analyzed: 2007-01-04

Analyzed By: SM

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-01-04
