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Analytical and Quality Control Report

Tony Tucker

Range Operating New Mexico Inc.

P.O. Box 300

Loving, NM, 88256

Report Date: March 16, 2007

Work Order:

Project Number: Teledyne 12 Fed Com. #2

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

30-015-33928

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
118904	N Wall & Floor Comp	soil	2007-03-13	16:00	2007-03-15
118905	S Wall & Floor Comp	soil	2007-03-13	16:20	2007-03-15
118906	W Wall & Floor Comp	soil	2007-03-13	16:30	2007-03-15
118907	E Wall & Floor Comp	soil	2007-03-13	16:40	2007-03-15

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 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

 ${\bf B}$ - The sample contains less than ten times the concentration found in the method blank.

Report Date: March 16, 2007 Teledyne 12 Fed Com. #2

Work Order: 7031513

Analytical Report

Sample:	118004 -	N Wall	& Floor	Comp
Sample:	110904 ~	in wan	& FIGOR	Comb

Analysis: Chloride (Titration) QC Batch:

35620 Prep Batch: 30882 Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-03-15 2007-03-15

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

Page Number: 2 of 4

RL

Parameter Flag Result Units Dilution RLChloride 4240 mg/Kg 200 5.00

Sample: 118905 - S Wall & Floor Comp

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

Analytical Method: 35620 Date Analyzed: 30882 Sample Preparation:

SM 4500-Cl B 2007-03-15 2007-03-15

Prep Method: N/A Analyzed By: JS

SM

Prepared By:

RL

Parameter Units Dilution RLFlag Result Chloride 1150mg/Kg 5.00

Sample: 118906 - W Wall & Floor Comp

Analysis: QC Batch: Prep Batch:

Chloride (Titration) 35620

30882

Analytical Method: Date Analyzed: Sample Preparation: SM 4500-Cl B 2007-03-15 2007-03-15

Prep Method: N/AAnalyzed By: JSPrepared By: SM

RL

RLParameter Flag Result Units Dilution Chloride 4710 200 5.00 mg/Kg

Sample: 118907 - E Wall & Floor Comp

Analysis:

Chloride (Titration)

QC Batch: 35620 Prep Batch: 30882 Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-15 Sample Preparation: 2007-03-15

Prep Method: N/A Analyzed By: JSPrepared By:

SM

RL

Parameter Flag Result Units Dilution RLChloride 10000 200 5.00 mg/Kg

Method Blank (1)

QC Batch: 35620

QC Batch: 35620 Prep Batch: 30882

Date Analyzed: 2007-03-15 QC Preparation: 2007-03-15 Analyzed By: Prepared By: JS Report Date: March 16, 2007 Teledyne 12 Fed Com. #2

Work Order: 7031513

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		MDL		
Parameter	Flag	Result	${f Units}$	RL
Chloride		< 3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch: 35620 Prep Batch: 30882

Date Analyzed: 2007-03-15 QC Preparation: 2007-03-15

Analyzed By: JS Prepared By: JS

	LCS			\mathbf{Spike}	Matrix		Rec.
Param	Result	${ m Units}$	Dil.	Amount	Result	Rec.	\mathbf{Limit}
Chloride	100	mg/Kg	1	100	< 3.25	100	90 - 110

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

	LCSD			$_{ m Spike}$	Matrix		Rec .		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	98.3	mg/Kg	1	100	< 3.25	98	90 - 110	2	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: 118884

QC Batch: 35620 Prep Batch: 30882 Date Analyzed: 2007-03-15 QC Preparation: 2007-03-15

Analyzed By: JS Prepared By: JS

		MS			\mathbf{Spike}	Matrix		Rec.
Param		Result	\mathbf{Units}	Dil.	Amount	Result	Rec.	Limit
Chloride	1	7940	mg/Kg	200	20000	11723	-17	84.6 - 117

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

		MSD			Spike	Matrix		Rec.		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	2	7910	mg/Kg	200	20000	11723	-19	84.6 - 117	0	20

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

Standard (ICV-1)

QC Batch: 35620

Date Analyzed: 2007-03-15

Analyzed By: JS

			ICVs	ICVs	ICVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2007-03-15

Standard (CCV-1)

QC Batch: 35620

Date Analyzed: 2007-03-15

Analyzed By: JS

¹Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

²Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Report Date: March 16, 2007 Teledyne 12 Fed Com. #2

Work Order: 7031513

Page Number: 4 of 4

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-15

TraceAnalysis, Inc.

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