

Summary Report

Tony Tucker
Range Operating New Mexico Inc.
P.O. Box 300
Loving, NM, 88256

Report Date: March 20, 2007

Work Order: 7032026



Project Number: Teledyne 12 Fed Com #3

30-015-33928

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
119170	Sec A Comp	soil	2007-03-19	15:00	2007-03-20
119171	Sec B Comp	soil	2007-03-19	15:10	2007-03-20
119172	Sec C Comp	soil	2007-03-19	15:20	2007-03-20
119173	Sec D Comp	soil	2007-03-19	15:30	2007-03-20
119174	Sec E Comp	soil	2007-03-19	15:40	2007-03-20
119175	Sec F Comp	soil	2007-03-19	16:00	2007-03-20

Sample: 119170 - Sec A Comp

Param	Flag	Result	Units	RL
Chloride		2030	mg/Kg	5.00

Sample: 119171 - Sec B Comp

Param	Flag	Result	Units	RL
Chloride		360	mg/Kg	5.00

Sample: 119172 - Sec C Comp

Param	Flag	Result	Units	RL
Chloride		5360	mg/Kg	5.00

Sample: 119173 - Sec D Comp

Param	Flag	Result	Units	RL
Chloride		5920	mg/Kg	5.00

Sample: 119174 - Sec E Comp

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This is only a summary. Please, refer to the complete report package for quality control data.

Param	Flag	Result	Units	RL
Chloride		3810	mg/Kg	5.00

Sample: 119175 - Sec F Comp

Param	Flag	Result	Units	RL
Chloride		1640	mg/Kg	5.00



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Analytical and Quality Control Report

Tony Tucker
Range Operating New Mexico Inc.
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Loving, NM, 88256

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Project Number: Teledyne 12 Fed Com #3

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
119170	Sec A Comp	soil	2007-03-19	15:00	2007-03-20
119171	Sec B Comp	soil	2007-03-19	15:10	2007-03-20
119172	Sec C Comp	soil	2007-03-19	15:20	2007-03-20
119173	Sec D Comp	soil	2007-03-19	15:30	2007-03-20
119174	Sec E Comp	soil	2007-03-19	15:40	2007-03-20
119175	Sec F Comp	soil	2007-03-19	16:00	2007-03-20

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

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

Analytical Report

Sample: 119170 - Sec A Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35721	Date Analyzed:	2007-03-20	Analyzed By:	SM
Prep Batch:	30991	Sample Preparation:	2007-03-20	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2030	mg/Kg	20	5.00

Sample: 119171 - Sec B Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35721	Date Analyzed:	2007-03-20	Analyzed By:	SM
Prep Batch:	30991	Sample Preparation:	2007-03-20	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		360	mg/Kg	10	5.00

Sample: 119172 - Sec C Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35721	Date Analyzed:	2007-03-20	Analyzed By:	SM
Prep Batch:	30991	Sample Preparation:	2007-03-20	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5360	mg/Kg	200	5.00

Sample: 119173 - Sec D Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35721	Date Analyzed:	2007-03-20	Analyzed By:	SM
Prep Batch:	30991	Sample Preparation:	2007-03-20	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5920	mg/Kg	200	5.00

Sample: 119174 - Sec E Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35721	Date Analyzed:	2007-03-20	Analyzed By:	SM
Prep Batch:	30991	Sample Preparation:	2007-03-20	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		3810	mg/Kg	200	5.00

Sample: 119175 - Sec F Comp

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 35721 Date Analyzed: 2007-03-20 Analyzed By: SM
Prep Batch: 30991 Sample Preparation: 2007-03-20 Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1640	mg/Kg	10	5.00

Method Blank (1) QC Batch: 35721

QC Batch: 35721 Date Analyzed: 2007-03-20 Analyzed By: SM
Prep Batch: 30991 QC Preparation: 2007-03-20 Prepared By: SM

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch: 35721 Date Analyzed: 2007-03-20 Analyzed By: SM
Prep Batch: 30991 QC Preparation: 2007-03-20 Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	90.9	mg/Kg	1	100	<3.25	91	90 - 110

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	91.3	mg/Kg	1	100	<3.25	91	90 - 110	0	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: 119175

QC Batch: 35721 Date Analyzed: 2007-03-20 Analyzed By: SM
Prep Batch: 30991 QC Preparation: 2007-03-20 Prepared By: SM

continued ...

matrix spikes continued ...

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 3070	mg/Kg	10	1000	1643.4	143	84.6 - 117

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	² 3080	mg/Kg	10	1000	1643.4	144	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: 35721

Date Analyzed: 2007-03-20

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-20

Standard (CCV-1)

QC Batch: 35721

Date Analyzed: 2007-03-20

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.8	100	85 - 115	2007-03-20

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.

