



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1407027

Report Created for: McTron Technologies
5210 Hovis Road
Charlotte, NC 28208

Project Contact: Ken Synder
Project P.O.: #062614KS
Project Name: CLT Plant

Project Received: 07/01/2014

Analytical Report reviewed & approved for release on 07/14/2014 by:

Question about
your data?

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McC Campbell](#)

Angela Rydelius,
Laboratory Manager

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Glossary of Terms & Qualifier Definitions

Client: McTron Technologies
Project: CLT Plant
WorkOrder: 1407027

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Matrix interferences, or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix; or sample diluted due to high matrix or analyte content.
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence



McTron Technologies 5210 Hovis Road Charlotte, NC 28208	Client Project ID: CLT Plant	Date Sampled: 06/27/14
		Date Received: 07/01/14
	Client Contact: Ken Synder	Date Extracted: 07/08/14-07/12/14
	Client P.O.: #062614KS	Date Analyzed: 07/08/14-07/12/14

CA Title 22 Acute Fish Bioassay Screen Test for Hazardous Waste

Extraction Method: CA DFG (Polinsi & Miller)

Analytical Method: CA DFG (Polinsi & Miller)

Work Order: 1407027

Lab ID	1407027-001A	Species	Pimephales promelas	Avg. Length (mm)	31.4
Client ID	Maxxetate-VA-1254-55	Common Name	Fathead Minnows	Avg. Weight (g)	0.327
Matrix	Liquid			Max Weight (g)	0.366
Control Water	Soft Synthetic Water			Min Weight (g)	0.285

Concentration	Survival		Dissolved O2 (mg/L)		pH		Temperature (°C)		Comments	
	A	B	A	B	A	B	A	B		
Control	10	10	8.74	8.78	7.66	7.67	20.6	20.6	Analyst:	AB
250 mg/L	10	10	8.76	8.69	7.63	7.65	20.6	20.6		
500 mg/L	10	10	8.73	8.77	7.68	7.67	20.6	20.6	Date:	7/8/2014
750 mg/L	10	10	8.67	8.72	7.70	7.71	20.6	20.6	Time:	12:00 PM
Control	10	10	8.66	8.69	7.57	7.60	20.0	20.0	Analyst:	AB
250 mg/L	10	10	8.62	8.57	7.56	7.58	20.0	20.0		
500 mg/L	10	10	8.55	8.59	7.53	7.50	20.0	20.0	Date:	7/9/2014
750 mg/L	10	10	8.53	8.60	7.47	7.49	20.0	20.0	Time:	12:00 PM
Control	10	10	8.51	8.57	7.50	7.54	20.1	20.1	Analyst:	AB
250 mg/L	10	10	8.52	8.45	7.51	7.53	20.1	20.1		
500 mg/L	10	10	8.43	8.47	7.48	7.45	20.1	20.1	Date:	7/10/2014
750 mg/L	10	10	8.39	8.42	7.41	7.44	20.1	20.1	Time:	12:00 PM
Control	10	10	8.40	8.46	7.41	7.43	20.2	20.2	Analyst:	AB
250 mg/L	10	10	8.34	8.28	7.36	7.40	20.2	20.2		
500 mg/L	10	10	8.25	8.20	7.30	7.27	20.2	20.2	Date:	7/11/2014
750 mg/L	9	10	8.17	8.23	7.22	7.25	20.2	20.2	Time:	12:00 PM
Control	10	10	8.37	8.25	7.30	7.27	20.9	20.9	Analyst:	MAX
250 mg/L	10	10	8.09	8.16	7.16	7.14	20.9	20.9		
500 mg/L	10	10	8.12	8.21	7.22	7.26	20.9	20.9	Date:	7/12/2014
750 mg/L	9	10	8.11	8.14	7.14	7.11	20.9	20.9	Time:	12:00 PM

	Initial		Final	
	Control	750 mg/L	Control	750 mg/L
Hardness (mg/L as CaCO3)	40	41	41	43
Alkalinity (mg/L as CaCO3)	32.04	36.28	39.28	47.6
Conductivity (uS/cm)	162.2	188.4	171.3	208.9
Salinity (mg/L)	N/A	N/A	N/A	N/A

Result: Mortality <40% at 750mg/L. Therefore LC50>=500mg/L ('non-hazardous')

96 LC50: N/A LC50 Method: N/A
 95% Upper Confident Limit: N/A 95% Lower Confident Limit: N/A



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1407027

ClientCode: MTTNC

WaterTrax
 WriteOn
 EDF
 Excel
 EQulS
 Email
 HardCopy
 ThirdParty
 J-flag

Report to:
 Ken Synder
 McTron Technologies
 5210 Hovis Road
 Charlotte, NC 28208
 704-392-5983 FAX:

Email: coatingsolns@gmail.com
 cc/3rd Party:
 PO: #062614KS
 ProjectNo: CLT Plant

Bill to:
 Accounts Payable
 McTron Technologies
 5210 Hovis Road
 Charlotte, NC

Requested TAT: 10 days

Date Received: 07/01/2014
Date Printed: 07/01/2014

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
1407027-001	Maxxetate-VA-1254-55	Liquid	6/27/2014	<input type="checkbox"/>	A												

Test Legend:

1	FISHHAZSCREEN_L	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: MCTRON TECHNOLOGIES

QC Level: LEVEL 2

Work Order: 1407027

Project: CLT Plant

Client Contact: Ken Synder

Date Received: 7/1/2014

Comments:

Contact's Email: coatingsolns@gmail.com

WaterTrax
 WriteOn
 EDF
 Excel
 Fax
 Email
 HardCopy
 ThirdParty
 J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1407027-001A	Maxxetate-VA-1254-55	Liquid	Fish Bioassay Screen Test for Haz Waste	1	250ml CG	<input type="checkbox"/>	6/27/2014	10 days		<input type="checkbox"/>	

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:

250ml CG =



Sample Receipt Checklist

Client Name: **McTron Technologies** Date and Time Received: **7/1/2014 5:18:09 PM**
 Project Name: **CLT Plant** LogIn Reviewed by: **Jena Alfaro**
 WorkOrder No: **1407027** Matrix: Liquid Carrier: UPS

Chain of Custody (COC) Information

Chain of custody present? Yes No
 Chain of custody signed when relinquished and received? Yes No
 Chain of custody agrees with sample labels? Yes No
 Sample IDs noted by Client on COC? Yes No
 Date and Time of collection noted by Client on COC? Yes No
 Sampler's name noted on COC? Yes No

Sample Receipt Information

Custody seals intact on shipping container/cooler? Yes No NA
 Shipping container/cooler in good condition? Yes No
 Samples in proper containers/bottles? Yes No
 Sample containers intact? Yes No
 Sufficient sample volume for indicated test? Yes No

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes No
 Container/Temp Blank temperature Cooler Temp: NA
 Water - VOA vials have zero headspace / no bubbles? Yes No NA
 Sample labels checked for correct preservation? Yes No
 pH acceptable upon receipt (Metal: pH<2; 522: pH<4)? Yes No NA
 Samples Received on Ice? Yes No

* NOTE: If the "No" box is checked, see comments below.

 Comments: