



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

December 11, 2007

Mr. Ranjit Clarke
Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1432

Dear Mr. Clarke:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Methods for Assessing the Toxicity of Sediment-associated Contaminants with Estuarine and Marine Amphipods*, EPA/600/R-94/025. Results were as follows:

CLIENT:	Calscience Environmental Laboratories, Inc.
SAMPLE I.D.:	2-Mission
DATE RECEIVED:	19 November 2007
ABC LAB. NO.:	CSE1107.271

***Eohaustorius estuarius* 10 Day Survival Sediment Bioassay**

Percent Survival = 97.0% Survival

Yours very truly,

A handwritten signature in black ink, appearing to read "Thomas (Tim) Mikel", with a long horizontal flourish extending to the right.

Thomas (Tim) Mikel
Laboratory Director

Amphipod Survival Test-10 Day

Start Date: 11/26/2007	Test ID: CSE1107271	Sample ID: CA0000000
End Date: 12/6/2007	Lab ID: CAABC	Sample Type: Sed-Sediment
Sample Date: 11/12/2007	Protocol: EPA/600/R94/025	Test Species: Ee-Eohaustorius estuarius
Comments: 2-Mission		

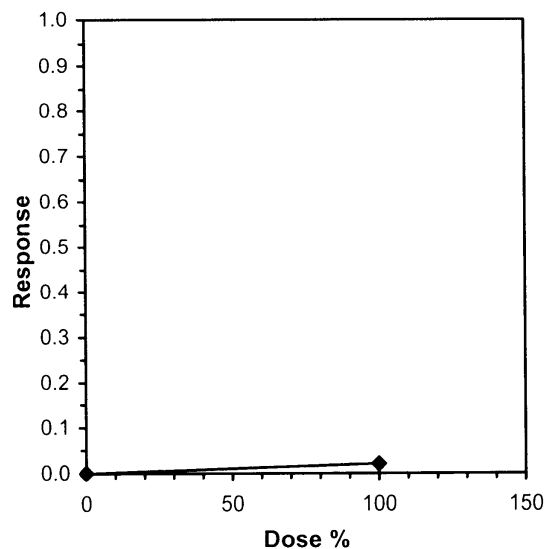
Conc-%	1	2	3	4	5
N Control	1.0000	1.0000	0.9500	1.0000	1.0000
100	1.0000	0.9500	0.9500	0.9500	1.0000

Conc-%	Mean	N-Mean	Transform: Arcsin Square Root					t-Stat	1-Tailed Critical	MSD	Isotonic	
			Mean	Min	Max	CV%	N				Mean	N-Mean
N Control	0.9900	1.0000	1.4361	1.3453	1.4588	3.534	5				0.9900	1.0000
100	0.9700	0.9798	1.3907	1.3453	1.4588	4.469	5	1.265	1.860	0.0667	0.9700	0.9798

Auxiliary Tests	Statistic		Critical		Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.89039		0.781		-0.3182	-1.0157
F-Test indicates equal variances (p = 0.70)	1.5		23.1545			
Hypothesis Test (1-tail, 0.05)	MSDu	MSDp	MSB	MSE	F-Prob	df
Homoscedastic t Test indicates no significant differences	0.022	0.0224	0.00515	0.00322	0.2415	1, 8
Treatments vs N Control						

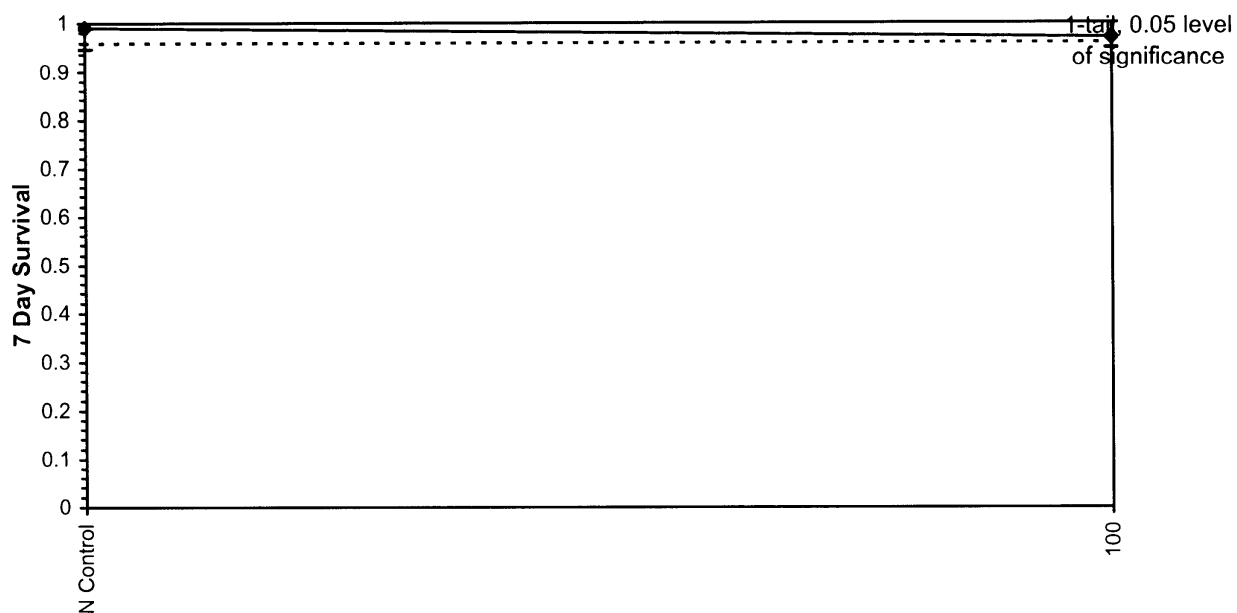
Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



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Sample Date:	11/12/2007	Protocol:	EPA/600/R94/025	Test Species:	Ee-Eohaustorius estuarius
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Dose-Response Plot

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Sample Date:	11/12/2007	Protocol:	EPA/600/R94/025	Test Species:	Ee-Eohaustorius estuarius
Comments:	2-Mission				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	15.00	15.00	15.00	0.00	0.00	2
100		15.00	15.00	15.00	0.00	0.00	2
N Control	pH	7.65	7.60	7.70	0.07	3.48	2
100		7.75	7.70	7.80	0.07	3.43	2
N Control	DO mg/L	9.85	9.10	10.60	1.06	10.46	2
100		10.15	10.10	10.20	0.07	2.62	2
N Control	Salinity ppt	20.00	20.00	20.00	0.00	0.00	2
100		20.00	20.00	20.00	0.00	0.00	2