

ENVIRONMENTAL LABORATORY
AQUATIC TOXICITY DATA SHEET
EXPLORATORY (RANGE-FINDING TEST)

LR 8442-2

Type Test 96HR ACUTE TOXIC Material Tested U-6778 F-6873 Lot 1
Test Organism FATHEND MINNOW Source BRADY, NKS Date Rec'd. 10/13/82 Batch No. 7-82
Avg. Wt. 0.12 grams Avg. Size 2.5 CM No. Organisms per dose 5
Test Solution Volume 3 Liters/All-Glass Tank Tank Dimensions: WIDE-MOUTH 1 GALLON GLASS JA
Time Started 11:30AM Date Started 11/2/82 Date Completed 11/6/82
Dilution Water Carbon-filtered well water (Temp. 20 °C., D.O. 8.7 ppm, pH 7.9)
Investigator W. L. F. 3 LC₅₀ (95% Confidence Limits) GREATER THAN 1000 ⁿ⁼²

Tank No.	Init. Conc. mg/l	Total Amount Added *mg	24 Hours			48 Hours			72 Hours			96 Hours		
			Total No. Dead	pH	D.O. ppm	Total No. Dead	pH	D.O. ppm	Total No. Dead	pH	D.O. ppm	Total No. Dead	pH	D.O. ppm
I	Control	—	0	8.1	7.0	0	8.2	6.7	0	8.2	6.5	0	8.2	6.5
II	Control	—	0	8.0	7.0	0	8.1	6.8	0	8.1	6.6	0	8.1	6.6
1A	1	3	0	7.9	7.0	0	8.2	6.6	0	8.2	6.5	0	8.2	6.5
2A	10	30	0	8.1	6.9	0	8.3	6.2	0	8.3	6.2	0	8.3	6.5
3A	100	300	0	8.2	6.9	0	8.3	6.1	0	8.2	6.1	0	8.2	6.5
4A	1000	3000	0	8.3	7.0	1	8.3	6.1	1	8.3	6.0	1	8.3	6.5

Test Temp. °C.

21°C

21°C

21°C

21°C

Initials & Date

W. L. F. 3 11/3/82

W. L. F. 3 11/4/82

W. L. F. 3 11/5/82

W. L. F. 3 11/6/82

Comments: * INDIVIDUAL WEIGHTS. MATERIAL - CLEAR, DARK AMBER LIQUID;
ODORIFEROUS - WAS EVAPORATED UNDER N₂ GAS AND PLACED IN A 40% WATER BATH TO DRY. SOLID MATERIAL PRODUCED IS YELLOW AND WAXY
Effects other than Mortality EC₅₀
IN APPEARANCE.

Tank No.	Symptoms or Reactions	Total No. Affected			
		24-Hr.	48 Hr.	72-Hr.	96-Hr.
Control	I	NONE	NONE	NONE	NONE
Control	II	NONE	NONE	NONE	NONE
1A		NONE	NONE	NONE	NONE
2A		NONE	NONE	NONE	NONE
3A	<u>SURFACING</u>	NONE	<u>2</u>	<u>2</u>	<u>2</u>
4A	<u>SURFACING</u>	NONE	<u>3</u>	<u>3</u>	<u>2</u>

Comments: