

1/10/78

103.1.3 Fish

DATA REVIEW NUMBER: ES G1

TEST: Fish Acute 96 hour LC_{50} (Coldwater)

SPECIES: Rainbow Trout (Salmo gairdneri)

RESULTS: 96 hour LC_{50} = 9.8 ppb (7.7-12.6 ppb) 95% C.L. ———

This is in

No discernible effect level = 3.2 ppb

Statistical analysis by Finney Probit gave the following results. $\chi^2 = 5.967 < \chi^2(6df) = 12.6$ indicated data are not heterogenous and compare favorably with reported values.

5.419	M						
15.556	YINT	0.011	LD50	0.019	LD90	0.007	LD10
1.529	LW M	0.010	LOCL	0.014	LOCL	0.005	LOCL
5.967	χ^2	0.013	UPCL	0.026	UPCL	0.008	UPCL

CHEMICAL: FMC - 33297 Technical (100% A.1.)

TITLE: Acute Toxicity of FMC -33297 Technical to Bluegill Sunfish (Lepomis macrochirus) and Rainbow Trout (Salmo gairdneri)

ACCESSION NO: 096699

STUDY DATE: November, 1974

RESEARCHER: Bentley, Robert E.
Bionomics E. G. & G. Environmental Consultants
Wareham, Massachusetts

REGISTRANT: FMC Corporation

VALIDATION CATEGORY: Core

CATEGORY REPAIRABILITY: NA

VALIDATOR: Tom O'Brien 1/10/78



FINNEY Probit
 EC + 6 Bionomics
 Nov 1974

Rainbow Trout

FMC 33297 Test
 100%

Acetone Solvent

D'Brien

1/10/78

0.0032

C.

1C.

0.0056

1.

1C.

0.0065

C.

1C.

0.0067

4.

1C.

0.01

5.

1C.

0.012

3.

1C.

0.018

5.

1C.

0.028

1C.

1C.

χ^2 6 df = 12.6

5.419

M

15.556

YINT

1.529

LW M

5.967

CHI²

0.011

LD50

0.010

LDCL

0.013

UPCL

0.007

LD10

0.005

LDCL

0.008

UPCL

0.019

LD90

0.014

LDCL

0.026

UPCL