

US EPA ARCHIVE DOCUMENT

R. Matheny

6/8/79

Rhodia Iprodione Technical

Fish Acute Toxicity: 96 hr. LC₅₀ : Rainbow Trout

NCEES Proj. No. 11506-48-03

9003 DATA 10,10,0,0,0
RUN

79/06/08. 12.41.48.
BASIC PROGRAM A78LC50

```

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

```

CONC.	NUMBER EXPOSED	NUMBER DEAD	PERCENT DEAD	BINOMIAL PROB. (PERCENT)
10	10	10	100	9.76563E-2
5.6	10	10	100	9.76563E-2
3.2	10	0	0	9.76563E-2
1.8	10	0	0	9.76563E-2
1	10	0	0	9.76563E-2

THE BINOMIAL TEST SHOWS THAT 3.2 AND 5.6 CAN BE USED AS STATISTICALLY SOUND CONSERVATIVE 95 PERCENT CONFIDENCE LIMITS SINCE THE ACTUAL CONFIDENCE LEVEL ASSOCIATED WITH THESE LIMITS IS 99.8047 PERCENT.

AN APPROXIMATE LC50 FOR THIS SET OF DATA IS 4.2332

WHEN THERE ARE LESS THAN TWO CONCENTRATIONS AT WHICH THE PERCENT DEAD IS BETWEEN 0 AND 100, NEITHER THE MOVING AVERAGE NOR THE PROBIT METHOD CAN GIVE ANY STATISTICALLY SOUND RESULTS.

```
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

END
BYE

ZZZ6944 LOG OFF 12.42.40.
ABKI024 SRU 2.625 UNTS.