

R. Matheny

6/8/79

Rhodia Iprodione Technical

Fish Acute Toxicity: 96 hr.  $LC_{50}$  : Rainbow Trout

NCEC Proj. No. 11506-48-03

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

79/06/08. 12.41.48.  
BASIC PROGRAM A78LC50

```
*****
CONC.      NUMBER      NUMBER      PERCENT      BINOMIAL
           EXPOSED      DEAD        DEAD        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  $LC_{50}$  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.

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\*END\*

BYE

ZZZ6944 LOG OFF 12.42.40.  
ABK1024 SRU 2.625 UNTS.