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## CONFIDENTIAL REPORT

REPORT NO. 324  
OSOLIN RESEARCH LABORATORIES

ACUTE ORAL RAT  
BUGSAC-D9

### CONCLUSION

The results of the study showed that the LD<sub>50</sub> value for oral toxicity of Bugsac-d9 (Herbal Insecticide) is 7538.24-mg/kg b.w. in the case of both the sexes of rats with fiducial limits as 6927.16 to 8224.45 mg/kg b.w. The regression equation established (probit mortality vs dose) was  $Y = -50.5359 + 14.3234 \log(x)$ ; where  $Y = a + b \log x$ ,  $Y =$  probit mortality;  $a =$  intercept;  $b =$  slope;  $X =$  dose of the test substance (mg/kg b.w.) with reference to the above study (Table-3).

### REFERENCE

Finney D.J.: Probit Analysis, Cambridge University Press, Cambridge, 1977.

### ARCHIVES

A sample of the test substance, along with raw data and a copy of the test report are kept in the Lab's Archives at SGS India Limited, Kottur, Chennai – 600 085, India for a period of five years.

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