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CONFIDENTIAL REPORT

REPORT NO. 326
OSOLIN RESEARCH LABORATORIES

ACUTE ORAL RAT
OSOLIN-ATC-WT

CONCLUSION

The results of the study showed that the LD₅₀ value for oral toxicity of Osolin-ATC-WT (Termite control) 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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