



SN - Su856/22/220331

CENTRE FOR PLANT MEDICINE RESEARCH
PHARMACOLOGY & TOXICOLOGY DEPARTMENT

Product Code	Product Form	Date Received	Date Analysed	Test Conducted
Su/001/22	Suppository	31 st March, 2022	24 th May, 2023	Acute Toxicity Test

RESULTS:

Table Showing Results of Acute Toxicity Test on Suppository (Su/001/22) in Wistar Rats.

Animal Model	Wistar Rats
No. of Animals	12
Sex	Female
No. of Groups	2(n=6)
Route of Administration	Rectal
Formulation	Suppository
Preparation	Su/001/22
Dose Administered	5000 mg/kg
Period of Observation	14 Days
No. of Deaths Recorded	Nil
Estimated Median Lethal Dose (LD ₅₀)	Greater than 5000 mg/kg
Physical Signs of Toxicity	Nil

REMARKS:

The LD₅₀ is estimated to be greater than 5000 mg/kg which is greater or equal to level 5 on the Hodge and Sterner Scale¹ and also 460 times more than the recommended dose (insert one suppository with wet cotton at night for five days, equivalent to 10.86 mg/kg), as indicated by the manufacturer. Thus, the product, Su/001/22, may not be toxic and is within the accepted margin of safety (Hodge and Sterner Scale) at the recommended dose.

Analysed by

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Dr. Orleans Martey
Snr. Research Scientist

Approved by

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Dr. Olga Quasie
Snr. Research Scientist

Reference: 1- Canadian Centre for Occupation Health and Safety (2019)