



SN - De8/22/210303

CENTRE FOR PLANT MEDICINE RESEARCH
PHARMACOLOGY & TOXICOLOGY DEPARTMENT

Product Code	Product Form	Date Received	Date Analysed	Test Conducted
De/004/21	Decoction	16th, April 2021	5th, May 2021	Acute Toxicity Test

RESULTS:

Table showing results of Acute Toxicity Test on Decoction (De/004/21) in Wistar Rat

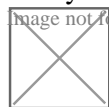
Animal Model	Wistar Rat
No. of Animals	Male
Sex	6
No. of Groups	2(N = 6)
Route of Administration	Oral
Formulation	Decoction
Preparation	Freeze - dried sample of Decoction (De/004/21)
Dose Administered (mg/kg)	5000
Period of Observation	14 Days
No. of Death Recorded	Nil
Estimated Median Lethal Dose (LD ₅₀)	5000 mg/kg
Physical Sign of Toxicity	Nil

REMARKS:

LD₅₀ is estimated to be greater than 5000 mg/kg which is greater or equal to the level 5 on the Hodge and Sterner Scale¹ and also 309 times more than the recommended dose (6 tablespoons 2x daily) equivalent to 16.2 mg/kg, as indicated by the manufacturer. Thus, De/004/21 may not be toxic and is within the accepted margin of safety (Hodge and Sterner Scale) at the recommended dose.

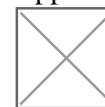
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Mr. Stephen Akoto
Research Officer

Approved by



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