



Centre for Plant Medicine Research  
Pharmacology & Toxicology Department

Product Code	Product Form	Date Received	Date Analysed	Test Conducted
De/004/21	Decoction	18th , April 2021	18th , April 2021	Acute Toxicity Test

**RESULTS:**

Table showing Result of Acute Toxicity on  
De/004/21 in SRD RAT,

Animal Model	SRD RAT,
No. of Animals	3
Sex	Male
No. of Groups	2
Route of Administration	Subcutaneous, Oral, Applied Topical,
Formulation	Decoction
Preparation	Freeze - dried sample of Decoction ( De/004/21 )
Dose Administered (mg/kg)	5000 (mg/kg)
Period of Observation	24 Days
No. of Death Recorded	2
Estimated Median Lethal Dose (LD <sub>50</sub> )	Greater than 5000 mg/kg
Physical Sign of Toxicity	Issolation Salivation Decreased, Locomotor, Exessive Grooming, Onions, Salivation Decreased Locomotor

**REMARKS:**

LD/50 is estimated to be greater than 5000 mg/kg which is greater or equal to the level 5 on the Hodge and Sterner Scale (1) and also 93 times more than the recommended dose (two tablespoonful thrice daily equivalent to 53.63 mg/kg), as indicated by the manufacturer. Thus, (P-CODE) may not be toxic and is within the accepted margin of safety (Hodge and Stoermer Scale) at the recommended dose.

Analysed by

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Mr. Stephen Akoto  
Reseach Officer

Approved by



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Mr. Stephen Akoto  
Reseach Officer