



SN - Alc724/22/220113

CENTRE FOR PLANT MEDICINE RESEARCH
PHARMACOLOGY & TOXICOLOGY DEPARTMENT

Product Code	Product Form	Date Received	Date Analysed	Test Conducted
Alc/001/22	Alcoholic Beverage	20 th January, 2022	14 th March, 2022	Acute Toxicity Test

RESULTS:

Table Showing Results of Acute Toxicity Test on Alcoholic Beverage (Alc/001/22) in Wistar Rat.

Animal Model	Wistar Rat
No. of Animals	12
Sex	Male
No. of Groups	2(n=6)
Route of Administration	Oral
Formulation	Alcoholic Beverage
Preparation	Freeze-dried sample of Alc/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 of freeze-dried extract is estimated to be greater than 5000 mg/kg. The freeze-dried content of a bottle (750 ml) of this product per average adult body weight (70 kg) is 980.00 mg/kg which is less than 20% of the dose (5000 mg/kg) administered.

Analysed by

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Dr. Orleans Martey
Snr. Research Scientist

Approved by

Mr. Pharm System
Admin
Research Officer

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