



SN - Ot86/22/210310

**CENTRE FOR PLANT MEDICINE RESEARCH**  
**PHARMACOLOGY & TOXICOLOGY DEPARTMENT**

Product Code	Product Form	Date Received	Date Analysed	Test Conducted
Ot/002/21	Ointment	5th , May 2021	5th , May 2021	Dermal Toxicity Test

Scale <sup>5</sup> area of hair on the lateral portion of the albino rats (about 9 cm<sup>2</sup>) was trimmed and shaved with a razor blade. The rats were divided into 3 groups (n=5). Group one was injected intradermally with 0.1 ml of 1% w/v of the balm dissolved in glycerol, group two with 0.1 ml of 5% w/v of the balm dissolved in glycerol and group three as control was treated with only 0.1 ml glycerol. The balm was also applied topically (0.5-1.0 g) to the shaved area of the first two groups of rats and the animals were observed for a period of 48 hours for any signs of ulceration, irritation and/or inflammation as compared to the control groups.

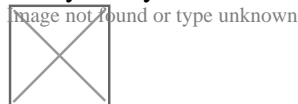
**RESULTS:**

?Scale <sup>5</sup>SD Rat in groups 1 and 2 that received 0.1ml Oral of the Ointment dissolved in glycerol at 1% and 5% w/v respectively, showed no ulceration, irritation and/or inflammation at the site of injection. This indicates that even at a high level of 5% w/v the Ointment did not appear to cause erythema to the skin of the animal. A similar observation was made for the topical application.

**REMARKS:**

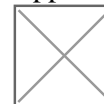
Scale <sup>5</sup>Ot/002/21 appears to be safe / not safe when applied to the skin.

Analysed by



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Mr. Stephen Akoto  
Research Officer

Approved by



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