



SN - Cr550/22/210929

CENTRE FOR PLANT MEDICINE RESEARCH
PHARMACOLOGY & TOXICOLOGY DEPARTMENT

Product Code	Product Form	Date Received	Date Analysed	Test Conducted
Cr/014/21	Cream	1 st October, 2021	28 th March, 2022	Dermal Toxicity Test

An area of hair on the lateral portion of the albino rats (about 9 cm²) 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 cream dissolved in glycerol, group two with 0.1 ml of 5% w/v of the cream dissolved in glycerol and group three as control was treated with only 0.1 ml glycerol. The cream 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 group.

RESULTS:

The experimental Wistar Rats in group one and two administered with 1% and 5% w/v of the Cream intradermally and topically (0.5-1.0 g), showed no ulceration, irritation and/or inflammations at the site of injection and shaved area.

REMARKS:

Cr/014/21 appears to be safe when applied to the skin.

Analysed by

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