

Formulation and Evaluation of Herbal Anti-Crack Cream

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Abstract: Cracked skin, particularly on hands and feet, is a common dermatological issue caused by dryness, environmental factors, and lack of hydration. Herbal formulations provide a natural, effective, and safe alternative to synthetic creams. This study focuses on the formulation and evaluation of an herbal crack cream using Aloe vera, turmeric, camphor, coconut oil, mustard oil, rose oil, beeswax, and glycerin. Each ingredient was selected based on its therapeutic properties: Aloe vera for skin hydration and healing, turmeric for its anti-inflammatory and antimicrobial effects, camphor for soothing irritation, coconut and mustard oils for deep moisturization, rose oil for skin nourishment, beeswax as a natural emulsifier and barrier protector, and glycerin for humectant properties. The cream was formulated using standard emulsification techniques and subjected to physicochemical evaluations, including pH, spreadability, viscosity, stability, and skin irritation tests. The results demonstrated that the formulated herbal crack cream had excellent stability, a non-greasy texture, effective moisturization, and rapid healing properties. The formulation was found to be safe, effective, and free from harmful chemicals, making it a promising alternative for treating cracked and dry skin.

Keywords: Herbal crack cream, Aloe vera, Turmeric, Camphor, Coconut oil, Mustard oil, Rose oil, Beeswax, Glycerin, Skin hydration, Wound healing, Moisturization, Anti-inflammatory, Antimicrobial, Natural skincare, Dermatological formulation

