

To Formulate and Evaluate a Polyherbal Gel Containing Marigold for its Wound Healing Activity

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Abstract: Herbal gel is a jelly-like substance that is applied to the skin. It can be soft or slightly firm, depending on how it is made. People use it to protect the skin, treat infections, reduce swelling, and keep the skin healthy. It is made by mixing one or more natural herbs in the right amounts. Unlike regular treatments that only focus on symptoms, herbal gels try to fix the root cause and improve overall well-being. They are popular because they absorb quickly, are not greasy, feel cool and refreshing, and are usually safe for sensitive skin. Herbal gels can help with many skin problems like acne, dryness, sunburn, and signs of aging. Ingredients like *Moringa oleifera*, which has antioxidant and anti-inflammatory powers, are used to help the skin heal. Other common natural ingredients include marigold leaves, neem, aloe vera, and honey, which are known for their soothing and healing effects. To make the gel, all the ingredients are heated and mixed well for about 10 to 15 minutes until smooth. After making it, the gel is tested for things like pH level, thickness, appearance, how easily it spreads, possible skin irritation, and how much is in the container to make sure it is safe and effective.

Keywords: Marigold leaf, Neem, Aloe vera; Herbal extract; Herbal gel

