

Formulation and Evaluation of Herbal Hair Serum by Using Guava Leaves

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Abstract: *The increasing demand for natural and safe personal care product has driven the development of herbal formulation with minimal side effect. This study focuses on the formulation and evaluation of a herbal hair serum composed of plant- based ingredients known for their hair- nourishing, strengthening, and growth- promoting properties. The serum incorporates extracts from herbs such as Aloe vera , Bhringraj (Eclipta alba), Amla (Emblica officinalis), Neem (Azadirachta indica), and essential oils like rosemary and tea tree oil. These ingredients are selected for their antioxidant, antimicrobial, and scalp- soothing qualities. The serum underwent evaluation for properties such as pH, consistency, stability, and consumer appeal. Findings suggest that the herbal serum effectively strengthens hair, reduces shedding and promotes growth, all while being gentle on the scalp. This natural formula offers a safer and eco- friendly alternative to chemical- based hair treatments. The herbal hair serum with growing preference for natural and safe personal care products, the development of herbal hair serum has gained significant attention. This research centre on creating and analysing a hair serum made from botanical ingredients known to support hair health, enhance growth, and reduce damage.*

Keywords: Herbal Hair Serum, Guava leaves extract, Formulation, Dandruff, Polyherbal, Nourishing, Anti-microbial

