

A Review on Antioxidant-Rich Formulation of Hibiscus in Vergin Coconut Oil

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Abstract: *These days, shampoos, hair tonics, and conditioner formulations with herbal extracts are among the products that consumers are interested. A product called a hair tonic is used to style hair. The current study's goal is to prepare a herbal hair tonic with jojoba, tulsi, and coconut oil and assess its antifungal and antibacterial properties. This ingredient's final preparation is made in batches with varying concentrations. The antifungal and antibacterial properties of each formulation are examined. In addition to possessing good consistency, homogeneity, appearance, and pH, the formulation exhibits good antifungal and antibacterial action. Between 0.2 and 2% of people worldwide are thought to be affected by the universal issue of hair loss.*

The objective of the current study is to use virgin coconut oil extracts of a blend of plants to make a herbal hair oil that functions as a hair tonic. Among the botanicals used in the mixture are hibiscus in different concentrations. Parameters like moisture content, pH, specific gravity, viscosity, acid value, saponification value, etc., were evaluated, and irritation and sensitivity tests were conducted and documented. It was discovered that every parameter fell within the permissible ranges.

Keywords: Herbal formulations, antifungal activity, antibacterial activity, Hair tonic, Cosmetics, Herbs, Evaluation, Amla, Neem, Virgin coconut oil, Hibiscus

