

# Formulation and Evaluation of Polyherbal Hair Oil Containing Vitamin B7

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**Abstract:** In the last few years there has been an extraordinary growth in the field of herbal & ayurvedic medicines. Herbal formulations have less side effects and are safe to use. The goal of the present study is involves preparation & evaluation of polyherbal hair oil using plant materials. The different extracts of different part of plant showed promising pharmacological activities. Formulation of polyherbal hair oil prepared by using extract of hibiscus rosa sinensis flower and powder of curry leaves, henna leaves, fenugreek seeds, tulsi leaves & shikakai. After preparation capsules of vitamin B7 is added in oil, it stimulates keratin production. The prepared polyherbal hair oil evaluated different parameters such as phytochemical screening, organoleptic characterization, physical evaluation, specific gravity, pH and also stability study. Antimicrobial assay of the polyherbal hair oil was carried out by using cup plate method and these helps reduces dandruffs and scalp of hairs. And to provide nutrition's to hairs. The antioxidant activity of the oil was studied by DPPH radical scavenging activity. Hence, these polyherbal hair oil increases hair growth, reduces hair loss, providing protection against dandruff.

**Keywords:** Polyherbal hair oil, antioxidant activity, anti-dandruff assay, herbs.

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