

Formulation and Evaluation of Antidandruff Hair Oil

Miss. Sable Shubhangi Pandharinath, Prof. Nikhil Nikam, Miss. Gaikwad Jyoti

Rashtriya College of Pharmacy, Hatnoor, Kannad, Chh. Sambhajinagar, India

Abstract: Herbal hair oil is the formulation derived from ingredients of natural origin including the base, which promotes hair growth activity. An attempt was made to formulate a herbal product in which the appearance of hair oil i.e. colour and fragrance etc. is provided by the formulation itself and is devoid of any synthetic ingredient. Various ingredients were incorporated on the basis of their traditional use and their availability in commercially marketed herbal formulation. The aqueous extracts were prepared and incorporated into oil base of natural origin. The experimental paradigms used were primary skin irritation test and hair growth activity including number of hairs, length of hair, hair growth initiation as well as hair growth completion time. Significant increase in hair number and length were observed. The time required for complete hair growth was also considerably reduced. The result of treatment with formulated herbal hair oil was comparable with that of minoxidil, which was taken as a standard.

Herbal formulations always have lesser or no side effects comparatively with synthetic. The aim of present study involves preparation of herbal hair oil using the herbal ingredients like., Amla, Raw garlic, Curry leaves, Methi. Based on the above observations, mixture of crude drugs was prepared in the form of herbal hair oil by boiling method. We have used five formulas using different herbal drugs and all the formulation are showing anti-hair fall property with some of other beneficial activities like anti-dandruff activity, improves blood circulation to the scalp and roots, reduce hair pigmentation, anti-fungal activity, reducing the whitening of the hair. The formulated herbal oil was evaluated by using various parameters such as Organoleptic properties, specific gravity, stability, viscosity, Acid value, pH etc. and the value obtained from it was found to be similar to that of the standard values like there is no sedimentation, no grittiness and shows satisfying organoleptic properties and the results were determined and are reported in this work. The coconut oil was used as base oil which make an effective anti-dandruff formulation with smooth and shiny hairs, also provide conditioning and promotes hair growth. The formulated shampoo was subjected to evaluation parameters like visual inspection, pH, viscosity, antidandruff test and stability studies, etc. The major goal of the present study is to formulate and evaluate anti-dandruff hair oil for treating various hair issues. The coconut oil was used as base oil which make an effective anti-dandruff formulation with smooth and shiny hairs, also provide conditioning and promotes hair growth. The formulated shampoo was subjected to evaluation parameters like visual inspection, pH, viscosity, antidandruff test and stability studies, etc. The major goal of the present study is to formulate and evaluate anti-dandruff hair oil for treating various hair issues.

Keywords: Hair oil, herbal formulation