

# Formulation and Evaluation of Flaxseed Mucilage Based Hair Gel

Pratiksha Pawar, Omkar Vaman Rupanawar, Suyog Chandrashekhar Rupanawar  
Shruti Rajesh Pawar

Dept of Pharmaceutical Quality Assurance  
Vidya Niketan College of Pharmacy, Lakhewadi, Pune

**Abstract:** India is known for traditional medicine. Herbs are the traditional form of Indian medicine which was developed by ancient sages whose astute observations led to the development of constitutional medicine. Herbal cosmetics are the preparations used to enhance the human appearance. The aim of the present research was to formulate and evaluate the herbal gel of flaxseed for the purpose of moisturizing and nourishing the hair. Flaxseed (also known as linseed) is full of fatty-acids and anti-oxidants which help to remove toxins and dead cells from the scalp. Three different types of gel formulations containing carbopol 934 in varying concentrations ranging from 1.1gm to 1.3gm % were prepared and evaluated. The evaluation of all the formulations (F1 to F3) were done on various parameters like physical appearance, pH spreadibility, homogeneity, and washability. Among the three formulation, F2 showed good spreadibility, consistency, homogeneity, appearance, pH and There is furthe scope to carryout animal studies also.

**Keywords:** Aqueous extract, carbopol, Flaxseed, Hair Gel and Herbal

