

Formulation & Evaluation of Herbal Neem Soap

Kachole Kalyani Pandurang, Prof. Muley.V. R, Mr. Deshmukh S. B

Kishori College of Pharmacy, Beed, Maharashtra, India

Abstract: *Our study's goal is to create herbal hygienic soap with an antibacterial component and a cold process technology. Coconut oil, castor oil, neem oil, lavender oil, rose oil, and NaOH (lye) were used to make herbal soap. Various extracts were added to the basic saponification reaction. Using varying concentrations of soap solution, the herbal formulation was created and assessed for antimicrobial tests, pH, moisture content, foaming index, foam retention time, saponification, and TFM (total fatty matter) soluble matter in comparison to standard. When compared to antibiotics, the herbal soap has satisfactory antibacterial properties. Additionally, oils are included for everyday use and to cure a variety of skin infections.*

Keywords: Poly herbal soap, Evaluation, saponification value, antimicrobial potential

