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Theme: "An Innovative Approach in Minimizing the Gap between Research and Industrial Production of AYUSH Drugs"



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# Development and Evaluation of Herbal Hand wash using Terminalia Chebula



## Hani M. Jani

School of Pharmaceutical Sciences, Atmiya University, India

## Vijay S. Chauhan

School of Pharmaceutical Sciences, Atmiya University, India

## Jay J. Vansjaliya

School of Pharmaceutical Sciences, Atmiya University, India

## Dhruvan Sojitra

School of Pharmaceutical Sciences, Atmiya University, India

## Rakholiya Smitesh

School of Pharmaceutical Sciences, Atmiya University, India

### **Abstract:**

Now day Natural remedies are mostly accepted because it is safer than synthetic molecule. From the ancient time herbal molecule is most widely acceptable. The present work deals with formulation and evaluation of herbal hand wash of Terminalia chebula fruit extract. In day to day life hand is essential and more used part of body so it will get easily contaminated and affected by microbes and dust particles. So to avoid microbial contamination appropriate hand wash is used. Some herbs show anti-microbial activity thus utilization of herbs which shows this property is used in hand wash preparation. Present work involves formulation of herbal hand wash using extract of Terminalia chebula (Haritaki). Cup plate method was utilized for evaluation of the antimicrobial activity against skin microbes of the prepared herbal hand wash. Its efficacy was checked and compared with the standard commercial hand wash. Results revealed that extract of Terminalia chebula fruit formulation was efficient in reducing the number of organisms from hands with less or no side effects. Thus, antimicrobial properties of key ingredient in this herbal hand wash are free from harsh and harmful chemicals that benefit the user's skin as well as the environment.

### **Keywords:**

Antimicrobial activity, Bacillus subtilis, Hand wash, Terminalia chebula