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(57) Abstract :
INNOVATIVE FORMULATIONS FOR ENHANCED COUGH DROPS - POLY-HERBAL COUGH RELIEF ABSTRACT The present invention aims to develop hard candy lozenges utilizing a blend of poly-herbal ingredients to address throat irritation, inflammation, and infection. The research focuses on formulating modern dosage forms that offer prolonged local relief with therapeutic benefits. By incorporating natural herbs such as clove, pepper, cinnamon, and ginger, among others, the lozenges aim to provide comprehensive symptomatic relief while avoiding synthetic ingredients. Various types of lozenges, including compressed tablet, soft, chewable, and hard candy formulations, are explored to optimize delivery systems for poly-herbal remedies. Additionally, the study addresses challenges in bioavailability, seeking to enhance solubility, taste masking, and patient compliance through advanced drug delivery technologies. The proposed poly-herbal lozenges aim to offer a cost-effective, holistic, and natural alternative for managing throat discomfort, contributing to the advancement of herbal healthcare solutions.

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