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(57) Abstract :

ABSTRACT HERBAL MOUTH SPRAY FORMULATION AND METHOD OF PREPARATION USING LOTUS (NELUMBO NUCIFERA) AND BETEL LEAF (PIPER BETEL L.) The present invention relates to a novel herbal mouth spray formulation comprising standardized extracts of Piper betel L. and Nelumbo nucifera, in combination with ethanol, glycerin, and pharmaceutically acceptable excipients. The formulation is designed to exhibit potent in vitro antimicrobial activity against oral pathogens such as Streptococcus mutans while maintaining mucosal compatibility and formulation stability. The invention also discloses a method of preparation and demonstrates superior efficacy and safety compared to conventional synthetic mouthwashes. Fig. 1

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