

A Review On Formulation and Evaluation of Herbal Tooth Powder

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Abstract: Herbal tooth powders are traditional pharmaceutical solid dosage forms formulated from finely divided herbal ingredients intended for maintaining oral hygiene and preventing dental disorders. In this study, an herbal tooth powder was prepared using natural plant materials such as neem, clove, turmeric, guava leaves, babul, amla, and peppermint, all known for their antimicrobial, anti-inflammatory, and antioxidant properties. These ingredients collectively promote gum health, prevent plaque formation, dental caries, and gingivitis, while offering a natural alternative to synthetic toothpastes. The powder was prepared by drying, grinding, sieving, and blending the herbal components to achieve a uniform and fine texture. The formulation was evaluated for its physical characteristics, pH, flow properties, and antibacterial activity. Results indicated good homogeneity, stability, and effective antimicrobial potential against oral pathogens. The study concludes that herbal tooth powder provides an effective, safe, and eco-friendly substitute for conventional chemical-based oral care products, supporting natural oral hygiene and gum vitality.

Keywords: Herbal tooth powder, oral hygiene, antimicrobial activity, neem, clove, turmeric, natural formulation

