

Preparation and Evaluation of Herbal Toothpaste

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Abstract: The majority of people use toothpaste regularly. Typically, toothpaste is used to clean the mouth and teeth. It is also used to treat a variety of dental conditions. A lot of dentists advise using toothpaste to cure conditions including sensitivity and chronic gingivitis, among others. Herbal extracts of numerous crude medications with antibacterial and antimicrobial properties can be used to make herbal toothpaste. Herbs like ginger, indica extracts, babul leaves extract, ginger extract, lemon oil extract, neem stem & bark, babul leaves, guava leaves, kalmi bark, etc. are used in the preparation of herbal toothpaste formulations. [1] Preparing, assessing, and contrasting lab-made herbal toothpaste with commercial herbal toothpastes is the major goal of the current effort. Commercial herbal toothpastes including Himalaya, Meswak, and Dent County have all had their quality assessed in the current study. All of the examined commercially available herbal tooth pastes and lab-made herbal toothpaste met the requirements outlined by the Bureau of Indian Standards. [2] The goal of the ongoing research is to create herbal toothpaste using chemicals like camphor, honey, and plant extracts including neem, tulshi leaves, and guava leaves. In formulating herbal toothpaste, characteristics like colour, spreadability, foamability, and particle identification of shard and edge abrasives were assessed. [3] Neem, Clove, Betel, Peppermint, Turmeric, and Guava are six plant samples included in this experiment that are typically used as traditional medicines. The created toothpastes were assessed in accordance with Bureau of Indian Standards requirements. The effectiveness of the tested toothpastes' antibacterial properties was found. [4] One of the most important needs for humans is oral hygiene. Oral hygiene is the first step in a human being's daily life. Therefore, toothpaste is crucial to this process. To counteract some drawbacks of synthetic cleaning agents, many natural herbs might be used. [5].

Keywords: Herbal toothpaste, Ginger, Neem, Kalmi Bark, Guava Leaves

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