

Formulation and Evaluation of Herbal Lozenges for Sore Throat Treatment”

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Abstract: Lozenges are solid dosage forms that are intended to be dissolved or disintegrated slowly in the mouth. They contain one or more active ingredients and are flavoured and sweetened so as to be pleasant tasting. It is generally used for their topical effect, but may also have ingredients that produce a systemic effect

Throat infections are most common disease in today's world. Chronic sore throat can lead to serious throat problems, like Pharyngitis. Common respiratory tract infections such as common cold and flu cause symptoms like headache, fever, runny nose, congestion, and cough.

This poly-herbal extract-based lozenges have proven the quality. The polyherbal extract based lozenges include Zingiber officinale Roscoe, Justicia adhatoda, Rosa Rubiginosa, Punica granatum, Psidium guajava, Piper Longum which is envisioned for cough and sore throat. A sore throat is pain, scratchiness or irritation of the throat that often worsens when you swallow. The most common cause of a sore throat (pharyngitis) is a viral infection, such as a cold or the flu. A sore throat caused by a virus resolves on its own.

The fresh leaf juices of all the ingredients is used to prepare polyherbal lozenges. Although many Herbal and allopathic medicines are available, but they are not enough to treat all the Symptoms with a single formulation. The polyherbal lozenges Were evaluated for their physicochemical parameters such as weight Variation, thickness, hardness, moisture content, hardness friability, disintegration diameter and from the result it was revealed that all the physicochemical parameter for lozenges were within the monograph standard which are mentioned in GMP Guidelines. These polyherbal lozenges can be a useful, Affordable, and widely available treatment for minor throat infections..

Keywords: Polyherbal, lozenges, sore throat, vasaka, formulation

