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## Preparation and Standardization of Herbal Tablet Produced from Zingiber Officinale

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Abstract: Ginger, the rhizome of Zingiber officinale, species of the ginger family Zingiberaceae has a long history of medicinal use for more than 2000 years as one of the most versatile medicinal plants having a wide spectrum of biological activity and a common condiment for various foods and beverages. Currently, there is a renewed interest in ginger, and several scientific investigations aimed at isolation, identification of active constituents, scientific verification of its pharmacological actions for treatment of several diseases and conditions. The chemicals responsible for medicinal properties of ginger are considerably variable, main components are gingerol, paradol, shogaols and their homologous which are responsible for its pungent taste. Ginger is used as a food and medicine and as an aromatic, carminative, expectorant incough and cold, antiemetic and digestive and as common herbay remedy. It is also useful in sore throat and other infectious diseases. Chewable tablets are among the convenient dosage forms which patients prefer due to their advantages. Chewable tablets are the tablets which are required to be chewed or broken in between the teeth before ingestion. This study was aimed at formulating the aqueous extract of ginger rhizome to chewable tablet using syrup (66.7%). In the present research work, the chewable tablets of ginger were prepared by wet granulation. Compression of chewable tablets was done by Karnavati lab scale tablet compression machine. The pre-compression parameters assessed for the granules produced include angle of repose, bulk and tapped density, Carr's index, Housner's ratio. Compressed tablets were evaluated for thickness, hardness, friability...

Keywords: Zingiber officinale, Aqueous extract

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