

Formulation and Evaluation of Nutraceutical Tablet using Herbal Remedies by Direct Compression Method

Mr. Harshad L.Chavan¹ and Mr. Harsh S. Thool²

B. Pharmacy Students^{1,2}

Nootan College of Pharmacy, Sangli, Maharashtra, India

Abstract: *The objective of present work was to formulate and evaluate the nutraceutical tablets with different combination of herbal remedies. The combination of nutrition and pharmaceuticals i.e nutraceutical. fenugreek seeds and Annona squamosa Leaves. contribute to treat diabetes disease. It is used as antidiabetic agent. The nutraceutical tablet containing lactose and mannitol as diluent and containing natural drugs like seeds and Annona squamosa Leaves .which was tablet prepared by direct compression method. The compressed formulations were subject to several evaluation parameters like appearance, thickness, weight variation, hardness and friability. Results: The results of all evaluation parameters of nutraceutical tablet were within the acceptable limit. Pre-compression studies of nutraceutical tablet show satisfactory results. The thickness, hardness, weight variation, and friability of nutraceutical tablet were found to in acceptable range. Significant results were obtained from present study. Discussion: The obtaining of current investigation clearly found that the health promotion of the body could be done by nutraceuticals.*

Keywords: Direct compression, Nutraceutical, antidiabetic