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Abstract:

The purpose of this research is to compare the quality of the tablets using ethyl cellulose and gelatin B as binding agent. The research was carried out by comparing the quality of ginger chewable tablets using ethylcellulose 1%, 2% and 3% and gelatin B 1%, 2% and 3%. The tablets were prepared by compressing the extract of ginger (Zingiber officinalis Roxb.), Cab-O-Sil, Sugar, Magnesium Stearat, Talk, Ethyl-cellulose (1%, 2% and 3% as Formula I) and Gelatin (1%. 2% and 3% as Formula II). Wet granulation was the method of choice. The result showed that ethylcellulose and gelatin as a binder improve the hardness and erosion time of tablets. Tablets using 2% and 3% gelatin have higher hardness and the longest erosion time compared to other formulas.

(end)