

**Effect of PVP on The Physical Properties of Tablet
containing Temulawak (*Curcuma Xanthorrhiza* Roxb.) Extract**

Faridah, Kartiningsih, Deni Rahmat
Faculty of Pharmacy, Pancasila University
Jl. Srengseng Sawah, Jagakarsa, Jakarta Selatan 12640

ABSTRACT

The aim of this research is to formulate wet granulation tablet containing temulawak extract. In this research, temulawak extract was formulated into tablet prepared by wet granulation with PVP and temulawak extract itself as binder. The tablet was then evaluated its physical properties consisting tablet size (diameter and thickness), friability, disintegration time, and weight uniformity. The result showed that Formulation containing PVP as a binder gave a slower disintegration time and higher hardness of tablet compared to that containing temulawak extract itself as binder.

Key words : Temulawak, extract, tablet, disintegration time