SKRIPSI

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FORMULASI DAN UJI DISOLUSI KAPSUL
EKSTRAK MENIRAN TERSTANDAR

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ABSTRACT

FORMULATION and DISSOLUTION TEST of STANDARDIZED EXTRACT MENIRAN CAPSULE

This research had done to develop the *Phyllanthus niruri*, *L* (meniran herb) useful. We made three formula with composed different kind of exipient that will be compared its dissolution efficiency.

The dissolution test was done to artificial intestine without pancreatu enzim at pH 7.5 ± 0.5 and at temperature 37.0 ± 0.5° C about two hours. We taken the sampling amount 50 ml after two hours then analized by Quantitative determination of flavonoid compound method used Spectro fotometer at λ 425 nm.

The result showed that the formula that contain PVP K25 + Cab-o-sil better than others. In the case of capsule formulated with PVP as binder was studied and PVP can increase dissolution rate when surfactant were incorporated.

Keyword: Formulation, Dissolution test, Efficiency Dissolution, Spektrofotometer