ABSTRAK

INDRA WIJAYA "Formulasi dan Uji Stabilitas Sediaan Shampo Ekstrak Daun Mangkokan (*Nothopanax scutallarium* Merr)", (**Dibimbing oleh Ajeng Kurniati R dan Muhammad Khairul Nur**).

Telah dilakukan penelitian mengenai formulasi dan uji stabilitas sediaan shampo ekstrak daun mangkokan (*Nothopanax scutallarium* Merr) yang berasal dari daerah Bone. Tujuan dari penelitian ini adalah untuk mengetahui stabilitas sediaan shampoo ekstrak daun mangkokan (*Nothopanax scutallarium* Merr). Sediaan shampo yang dibuat 3 formula yaitu formula I, formula II, dan formula III. Pengujian yang dilakukan pemeriksaan organoleptik, homogenitas, pH, uji daya sebar uji daya busa dan viskositas. Selanjutnya dilakukan uji stabilitas dengan kondisi penyimpanan sediaan. Hasil penelitian menunjukkan bahwa ekstrak daun mangkokan (*Nothopanax scutallarium* Merr) dapat diformulasikan menjadi sediaan shampoo dengan menggunakan variasi konsentrasi karbopol. Dan Formula yang memenuhi mutu fisik yang baikya itu formula I, II, dan III. Hal ini ditunjukkan dengan sifat fisik viskositas, daya sebar, organoleptik, uji daya busa, homogenitas, dan pH sediaan.

Kata Kunci :Daun Mangkokan, Shampo, Uji Stabilitas

ABSTRACT

INDRA WIJAYA "Formulation and Test of Stability of Mangkokan Leaf Extract Shampoo Preparation (*Nothopanax scutallarium* Merr)", (Supervised by **Ajeng Kurniati R** and **Muhammad Khairul Nur**).

Research has been conducted on the formulation and stability test of the preparation of mangkokan leaf extract shampoo (*Nothopanax scutallarium* Merr) derived from the Bone area. The purpose of this research was to find out the stability of the shampoo preparation of mangkokan leaf extract (*Nothopanax scutallarium* Merr). Shampoo preparations made 3 formulas namely formula I, formula II, and formula III. Tests conducted organoleptic examination, homogeneity, pH, spread power test foam power test and viscosity. Furthermore, a stability test is carried out with the condition of the preparation storage. The research results indicated that mangkokan leaf extract (*Nothopanax scutallarium* Merr) can be formulated into shampoo preparations using variations in carbpol concentrations. And formulas that meet good physical quality are formulas I, II, and III. This is demonstrated by the physical properties of viscosity, scatter power, organoleptics, foam power tests, homogeneity, and pH of preparations.

Keywords: Mangkokan Leaves, Shampoos, StabilityTests

