

INTISARI

HENUKH, Y.P., 2014, "FORMULASI DAN UJI STABILITAS *LOTION* EKSTRAK ETANOLIK DAUN ILER [*Coleus scutellarioides* (L.) Bth.], SKRIPSI, FAKULTAS FARMASI, UNIVERSITAS SETIA BUDI, SURAKARTA.

Ekstrak daun iler [*Coleus scutellarioides* (L.) Bth.] berpotensi diantaranya sebagai antitoksik, antiseptik, antiinflamasi, dan antioksidan. Penelitian ini bertujuan untuk mendapatkan *lotion* ekstrak etanolik daun iler [*Coleus scutellarioides* (L.) Bth.] dalam 3 konsentrasi yang berbeda, yang memiliki stabilitas fisik yang baik selama 1 bulan penyimpanan. Penelitian ini dibuat dalam 3 formula yaitu formula I (2,5%), formula II (8,5%), dan formula III (14,5%). *Lotion* yang dihasilkan diuji sifat fisiknya meliputi organoleptis, homogenitas, viskositas, daya sebar, tipe emulsi, dan uji pH.

Hasil penelitian menunjukkan bahwa ekstrak daun iler dapat dibuat sediaan *lotion* dan ketiga formula memiliki stabilitas fisik yang baik selama 1 bulan penyimpanan meskipun ada formula yang mengalami perubahan namun tidak signifikan.

Kata kunci: Ekstrak etanolik daun iler [*Colleus scutellarioides* (L.) Bth.], *lotion*, formulasi.

ABSTRACT

HENUKH, Y.P., 2014, FORMULATION AND STABILITY TEST LOTION EXTRACT ETHANOLIC OF ILER'S LEAF [*Coleus scutellarioides* (L.) Bth.], THESIS, FACULTY OF PHARMACY, SETIA BUDI UNIVERSITY, SURAKARTA.

Extract of iler's leaf [*Coleus scutellarioides* (L.) Bth.] could potentially at least as antitoxic, antiseptic, antiinflammation, and antioxidant. This research purpose gotten lotion extract ethanolic of iler's leaf [*Coleus scutellarioides* (L.) Bth.] in three different concentrates who were had good physical stability in a month about saving. This research was made in three extract formulas. There were formula I (2,5%), formula II (8,5%), and formula III (14,5%). The lotions who were got tested the physical characteristics such as organoleptic, homogeneity, viscosity, spreadability, type of emulsy, and pH test.

The result shows that extract of iler's leaf can made in lotion and those formula had good physical stability for a month about saving even there was the formula got some changing but it was not significan.

Keywords: Ethanolic extract of iler's leaf [*Coleus scutellarioides* (L.) Bth.], lotion, formulation.