

ABSTRAK

FORMULASI *FACE MIST* EKSTRAK ETANOL DAUN PEGAGAN (*Centella Asiatica (L) Urb*) TERHADAP MUTU FISIK SEDIAAN (Oleh: Erma Rayhana; Pembimbing: apt. M. Andi Chandra, M.Farm. & Norhayati, M.Farm.)

Face mist merupakan produk berbentuk spray atau semprot yang berfungsi meningkatkan hidrasi lapisan kulit, dikeluarkan melalui semprotan sehingga membentuk partikel-partikel kecil yang mudah menyerap kedalam lapisan kulit. Tujuan penelitian ini adalah untuk mengetahui karakteristik evaluasi uji sediaan *face mist* ekstrak etanol 96% daun pegagan (*Centella Asiatica (L) Urb*) berdasarkan variasi konsentrasi gliserin dan PVP dan mengetahui stabilitas formulanya. Adapun uji evaluasi yang digunakan yaitu uji organoleptis, homogenitas, pH, daya sebar dan waktu kering. Penelitian dilakukan secara eksperimental menggunakan metode kuantitatif. Hasil ekstrak etanol 96% daun pegagan ditambahkan PVP dengan konsentrasi F1 0,1%, F2 1%, F3 2%, F4 3% dan F5 4% dan gliserin dengan konsentrasi F1 5%, F2 10%, F3 15%, F4 20% dan F5 25%. Hasil penelitian ini menunjukkan bahwa karakteristik evaluasi uji sediaan *face mist* ekstrak etanol 96% daun pegagan (*Centella Asiatica (L) Urb*) berdasarkan variasi konsentrasi gliserin dan PVP didapat hasil yang baik, uji stabilitas sediaan *face mist* ekstrak etanol 96% daun pegagan (*Centella Asiatica (L) Urb*) dengan variasi konsentrasi gliserin dan PVP menunjukkan hasil yang baik dan juga variasi konsentrasi gliserin dan PVP tidak memberikan perbedaan yang signifikan terhadap evaluasi uji fisik sediaan.

Kata kunci: Daun pegagan, *face mist*, evaluasi mutu sediaan

ABSTRACT

FACE MIST FORMULATION OF ETHANOL EXTRACT OF PEGAGAN LEAVES (*Centella Asiatica* (L) Urb) ON THE PHYSICAL QUALITY OF THE PREPARATION (by: Erma Rayhana; advisor: M. Andi Chandra, M.Farm. & Norhayati, M.Farm.)

*Face mist is a product in the form of a spray which functions to increase the hydration of the skin layer, released through a spray to form small particles that are easily absorbed into the skin layer. The aim of this research was to determine the evaluation characteristics of face mist preparations of 96% ethanol extract of gotu kola leaves (*Centella Asiatica* (L) Urb) based on variations in glycerin and PVP concentrations and to determine the stability of the formula. The evaluation tests used are organoleptic tests, homogeneity, pH, spreadability and dry time. The research was carried out experimentally using quantitative methods. The results of the 96% ethanol extract of gotu kola leaves were added with PVP with a concentration of F1 0.1%, F2 1%, F3 2%, F4 3% and F5 4% and glycerin with a concentration of F1 5%, F2 10%, F3 15%, F4 20 % and F5 25%. The results of this study indicate that the evaluation characteristics of the face mist preparation of 96% ethanol extract of gotu kola leaves (*Centella Asiatica* (L) Urb) based on variations in glycerin and PVP concentrations obtained good results, the stability test of the face mist preparation of 96% ethanol extract of gotu kola leaves (*Centella Asiatica* (L) Urb) with variations in glycerin and PVP concentrations showed good results and also variations in glycerin and PVP concentrations did not provide significant differences in the physical test evaluation of the preparations.*

Keywords: *Gotu Kola leaves, face mist, evaluation of preparation quality*