

**PROGRAM STUDI SARJANA FARMASI  
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Judul Skripsi : Formulasi dan Uji Mutu Fisik Sediaan Sabun Padat Kombinasi Ekstrak Daun & Bunga Lavender (*Lavandula Angustifolia* Mill) dan Kulit Batang Kayu Manis (*Cinnamomum Burmannii*)

**ABSTRAK**

Pembuatan sabun padat kombinasi ekstrak daun & bunga lavender (*Lavandula angustifolia* Mill) dan ekstrak kulit batang kayu manis (*Cinnamomum burmanii*) telah dilakukan. Metode penelitian bersifat eksperimen di laboratorium dengan pendekatan analisa kuantitatif. Sampel dari penelitian ini dari ekstrak daun & bunga lavender (*Lavandula angustifolia* Mill) dan ekstrak kulit batang kayu manis (*Cinnamomum burmanii*). Adapun tahapan penelitian mencakup pembuatan simplisia, ekstraksi evaporasi, skrinning fitokimia, pembuatan sediaan sabun padat dan uji mutu fisik sabun padat. Tahap ekstraksi menggunakan metode maserasi selama 3 hari dengan pelarut etanol 96%, ekstrak yang diperoleh dengan menggunakan *rotary evaporator*. Sabun padat dari kombinasi ekstrak daun & bunga lavender (*Lavandula angustifolia* Mill) dan ekstrak kulit batang kayu manis (*Cinnamomum burmanii*) dibuat dalam 3 formulasi yaitu 1%, 2%, 3%. Pengujian mutu fisik meliputi uji organoleptis, uji pH, uji tinggi busa, uji kadar air. Hasil pengujian organoleptis menunjukkan sediaan berwarna coklat dan tekstur padat beraroma khas kayu manis. Hasil pengujian pH menunjukkan pH 11 untuk ketiga formula. Hasil uji tinggi busa menunjukkan tinggi busa awal 6cm – 7cm dan tinggi busa akhir dari tiga formula 1cm. Hasil pengujian kadar air pada (F1) 1,29%, (F2) 1,03% dan pada (F3) 1,86%. Hasil penelitian dapat disimpulkan bahwa kombinasi ekstrak daun & bunga lavender (*Lavandula angustifolia* Mill) dan ekstrak kulit batang kayu manis (*Cinnamomum burmanii*) dapat diformulasikan sebagai sediaan sabun padat.

**Kata kunci : Lavender, Kayu Manis, Sabun Padat, Ekstrak, Mutu Fisik.**

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Judul Skripsi : *Formulation and Physical Quality Test of Solid Soap Preparations Combining Lavender Leaves & Flowers (Lavandula angustifolia Mill) and Cinnamon Bark (Cinnamomum burmanii)*

**ABSTRACT**

*The manufacture of solid soap using a combination of lavender leaf and flower extract (Lavandula angustifolia Mill) and cinnamon bark extract (Cinnamomum burmanii) has been carried out. The research method was experimental in a laboratory with a quantitative analysis approach. The samples used in this study were extracts of lavender leaves and flowers (Lavandula angustifolia Mill) and cinnamon bark extract (Cinnamomum burmanii). The research stages include the preparation of simple drugs, evaporation extract, phytochemical screening, preparation of solid soap preparations and physical quality testing of solid soap. The extraction stage uses the maceration method for 3 days with 96% ethanol solvent, the extract is obtained using a rotary evaporator. Solid soap from a combination of lavender leaf & flower extract (Lavandula angustifolia Mill) and cinnamon bark extract (Cinnamomum burmanii) is made in 3 formulations, namely 1%, 2%, 3%. Physical quality testing includes organoleptic testing, pH testing, foam height testing, and water content testing. The results of the organoleptic test showed that the preparation was brown in color and had a solid texture typical cinnamon aroma. The pH test results showed a pH of 11 for all three formulas. The foam height test results showed an initial foam height of 6cm – 7cm and a final foam height of 1cm for the three formulas. The results of the water content test at (F1) 1.29%, (F2) 1.03% and at (F3) 1.86%. Research result, it can be concluded that the combination of lavender leaf & flower extract (Lavandula angustifolia Mill) and cinnamon bark extract (Cinnamomum burmanii) can be formulated into a solid soap preparation. It is recommended that future researchers make other body care preparations such as liquid soap from extracts of lavender leaves and flowers (Lavandula angustifolia Mill) and cinnamon bark (Cinnamomum burmanii).*

**Keywords:** *Lavender, Cinnamomun Burmanii, Solid Soap, Extract, Multi physical.*