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Home > User > Author > Submissions > #1125 > Summary

#1125 Summary

SUMMARY REVIEW EDITING

Submission

Authors	St Ratnah, Alfrida Monica Salasa
Title	FORMULASI SABUN CAIR EKSTRAK DAUN KECOMBRANG SEBAGAI ANTIKEPUTIHAN
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Title and Abstract

Title FORMULASI SABUN CAIR EKSTRAK DAUN KECOMBRANG SEBAGAI ANTIKEPUTIHAN

Abstract

Etilingera elatior contains chemical compounds that prevent and treat leucorrhoea. However, they are used conventionally, and therefore, they are less effective and efficient. The purpose of this study was to formulate the liquid soap extract of *Kecombrang* Leaf (*Etilingera elatior*) and determine the stability of its physical quality and activity as an anti-vaginal discharge. The study uses dried simplicia of *Kecombrang* leaves extracted by the maceration method with ethanol 96%. It was formulated into liquid soap with a concentration variation of 6.25% and 8.75%. Each formula was evaluated for physical quality, microorganism contamination, and activity tests before and after the storage are accelerated. The results obtained by *Etilingera Foliolum* extract could be formulated into liquid soap with a concentration of 6.25% and 8.75%. The stability test results are accelerated, and each concentration meets the requirements of the organoleptic, foam resistance, and pH tests. Microorganism contamination test results also meet the needs of SNI & BPOM and have anti-vaginal discharge activity. The liquid soap preparation of 8.75% has an activity greater than the concentration of 6.25%.

Keywords: *Candida albicans*, *Kecombrang* leaves, Physical quality, Liquid soap

Etilingera elatior mengandung senyawa kimia yang terbukti berfungsi mencegah dan mengobati penyakit keputihan tetapi penggunaannya masih secara tradisional sehingga kurang efektif dan efisien digunakan. Tujuan penelitian adalah untuk memformulasi sediaan sabun cair ekstrak Daun *Kecombrang* (*Etilingera elatior*), mengetahui kestabilan mutu fisik dan aktivitas sebagai anti keputihan. Penelitian ini menggunakan simplisia kering Daun *Kecombrang* yang diekstraksi dengan metode maserasi dengan etanol 96%, diformulasi menjadi sabun cair dengan variasi konsentrasi 6,25 % dan 8,75%. Masing-masing formula kemudian dievaluasi uji mutu fisik, uji cemaran mikroorganisme dan uji aktivitas sebelum dan setelah penyimpanan dipercepat. Hasil yang diperoleh ekstrak *Etilingera Foliolum* dapat diformulasi menjadi sabun cair dengan konsentrasi 6,25 % dan 8,75%. Hasil pengujian kestabilan dipercepat, masing-masing konsentrasi memenuhi persyaratan uji organoleptis, uji ketahanan busa dan uji pH. Hasil uji cemaran mikroorganisme juga memenuhi syarat SNI & BPOM serta memiliki aktivitas sebagai anti keputihan, dimana sediaan sabun cair 8,75 % memiliki aktivitas yang lebih besar dari konsentrasi 6,25 %.

Kata Kunci : *Candida albicans*, Daun *Kecombrang*, Mutu fisik, Sabun cair

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Supporting Agencies

Agencies

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#1125 Review

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Title FORMULASI SABUN CAIR EKSTRAK DAUN KECOMBRANG SEBAGAI ANTIKEPUTIHAN

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SUMMARY REVIEW **EDITING**

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Title FORMULASI SABUN CAIR EKSTRAK DAUN KECOMBRANG SEBAGAI ANTIKEPUTIHAN

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