**FORMULASI DAN UJI AKTIVITAS ANTIBAKTERI EKSTRAK ETANOL BUNGA KENANGA (*Cananga odorata(Lam.*)) DALAM DEODORANT STICK**

**TERHADAP *Staphylococcus epidermidis***

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**ABSTRAK**

Bunga kenanga (*Cananga odorata*) merupakan salah satu tanaman yang bisa digunakan sebagai obat tradisional. Ekstrak bunga kenanga memiliki efek sebagai antioksidan, antimikroba, dan anti inflamasi. Tujuan penelitian ini untuk untuk mengetahui aktivitas antibakteri ekstrak etanol bunga kenanga terhadap bakteri *Staphylococcus epidermidis* dan untuk mengetahui golongan senyawa metabolit sekunder yang terkandung dalam ekstrak etanol bunga kenanga (*Cananga odorata*).

Adapun penelitian yang dilakukan pembuatan simplisia, skrining fitokimia, pembuatan sediaan deodorant, uji evaluasi sediaan, serta uji aktivitas antimikroba sediaan deodorant stick ekstrak etanol bunga kenanga. Sediaan deodorant stick dibuat dengan cara semua bahan dilebur kemudian dimasukkan kedalam wadah. Untuk uji aktivitas antimikroba sediaan deodorant stick dilakukan dengan metode sumuran.

Hasil penelitian ekstrak etanol bunga kenanga mengandung senyawa metabolit sekunder yang terdapat dalam esktrak etanol bunga kenanga yaitu alkaloid, flavonoid, saponin, tanin, steroid. Hasil uji aktivitas antibakteri ekstrak etanol bunga kenanga terhadap bakteri *Staphylococcus epidermidis* yaitu pada konsentrasi 2% memiliki daya hambat sebesar 6,23 mm, pada konsentrasi 5% 6,43 mm, konsentrasi 10% 6,57 mm, pada sediaan deodorant yang dijual dipasaran memiliki daya hambat sebesar 10,5 mm.

Kesimpulan dari penelitian ini yaitu aktivitas antibakteri ekstrak etanol bunga kenanga terhadap bakteri *Staphylococcus epidermidis* yaitu pada konsentrasi 2% memiliki daya hambat sebesar 6,23 mm, pada konsentrasi 5% 6,43 mm, konsentrasi 10% 6,57 mm, pada sediaan deodorant yang dijual dipasaran 10,5 mm. Dan senyawa metabolit sekunder yang terdapat dalam esktrak etanol bunga kenanga yaitu alkaloid, flavonoid, saponin, tanin, steroid.

**Kata kunci :** Bunga kenanga, antibakteri, deodorant stick, *Staphylococcus epidermidis*

***THE FORMULATION AND ANTIBACTERIAL ACTIVITY OF KENANGA FLOWER ETHANOL EXTRACT (Cananga odorata (Lam.)) IN DEODORANT STICK AGAINST Staphylococcus epidermidis***

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***ABSTRACT***

*Kenanga flower (Cananga odorata) is one of the plants that can be used as traditional medicine. Kenanga flower extract has effects as an antioxidant, antimicrobial, and anti-inflammatory. The objective of this research was to find out the antibacterial activity of Kenanga flower ethanol extract against Staphylococcus epidermidis bacteria and to find out the group of secondary metabolite compounds contained in the ethanol extract of Kenanga flower (Cananga odorata).*

*As for the research conducted in the manufacture of simplicia, phytochemical screening, deodorant preparation manufacturing, preparation evaluation test, and antimicrobial activity test of deodorant stickpreparationsof Kenanga flower ethanol extract. Deodorant stick preparations were made by way of all ingredients melted down then put in a container. For tests of antimicrobial activity deodorant stick preparations were carried out by welling method.*

*The results of there search showed that Kenanga flower ethanol extract contained secondary metabolite compounds contained in the ethanol extract of Kenanga flowers namely alkaloids, flavonoids, saponins, tannins, steroids. The results of antibacterial activity tests of Kenanga flower ethanol extract against Staphylococcus epidermidis bacteria at a concentration of 2% had a bland power of 6.23 mm, at a concentration of 5% 6.43 mm, a concentration of 10% 6.57 mm, in deodorant preparations sold in the market has a yield power of 10.5 mm.*

*The conclusion of this research was the antibacterial activity of Kenanga flower ethanol extract against Staphylococcus epidermidis bacteria at a concentration of 2% has a bland power of 6.23 mm, at a concentration of 5% 6.43 mm, a concentration of 10% 6.57 mm, in deodorant preparations sold in the market of 10.5 mm. And secondary metabolite compounds contained in the ethanolextractof Kenanga flowers are alkaloids, flavonoids, saponins, tannins, steroids.*

***Keywords:*** *Kenanga Flower, Antibacterial, Deodorant Stick, Staphylococcus Epidermidis*