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**KAJIAN ARTIKEL : AKTIVITAS ANTIBAKTERI EKSTRAK DAUN  
BANDOTAN (*Ageratum conyzoides* L.) TERHADAP *Staphylococcus aureus*  
dan *Propionibacterium acnes***

**ABSTRAK**

**Latar Belakang :** Penyakit impetigo dan jerawat merupakan infeksi kulit yang disebabkan oleh bakteri, *Staphylococcus aureus* dan *Propionibacterium acnes*. Daun bandotan (*Ageratum conyzoides* L.) digunakan sebagai tanaman obat yaitu untuk pencegah luka. Kajian artikel ini bertujuan untuk mengetahui aktivitas antibakteri ekstrak daun bandotan (*Ageratum conyzoides* L.) terhadap *Staphylococcus aureus* dan *Propionibacterium acnes*.

**Metode :** Kajian sistematis menggunakan 4 artikel nasional terindeks SINTA (*Science and Technology Index*) dan 1 artikel internasional terindeks SJR (*Scimago Journal & Country Rank*).

**Hasil :** Hasil menunjukkan ekstrak daun bandotan (*Ageratum conyzoides* L.) memiliki aktivitas antibakteri terhadap *Staphylococcus aureus* dan *Propionibacterium acnes*. Skrining fitokimia menunjukkan ekstrak daun bandotan mengandung senyawa flavonoid, tanin, alkaloid, terpenoid, glikosida (saponin). Zona hambat terhadap *Staphylococcus aureus* 10 – 15 mm, kategori lemah, dan Konsentrasi Hambat Minimum 12,5 mg/ml, sedangkan terhadap bakteri *Propionibacterium acnes* 50 mg/ml.

**Kesimpulan :** Ekstrak daun bandotan (*Ageratum conyzoides* L.) memiliki aktivitas antibakteri terhadap *Staphylococcus aureus* dan *Propionibacterium acnes*. Senyawa dalam ekstrak daun Bandotan teridentifikasi flavonoid, tanin, alkaloid, terpenoid, dan glikosida.

**Kata Kunci :** *Ageratum conyzoides* L., *Staphylococcus aureus*,  
*Propionibacterium acnes*

**(xix + 135 halaman + 20 tabel + 6 lampiran)**

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***ANTIBACTERIAL ACTIVITY OF BANDOTAN (*Ageratum conyzoides* L.)  
LEAVES EXTRACTS AGAINST *Staphylococcus aureus* and  
*Propionibacterium acnes*. A Review Article.***

**ABSTRACT**

**Background :** *Impetigo and acne are skin infections caused by bacteria, Staphylococcus aureus and Propionibacterium acnes. Bandotan (Ageratum conyzoides L.) leaves are used as medicinal plants, namely to prevent wounds. This study aims to determine the antibacterial activity of bandotan leaf extract against Staphylococcus aureus and Propionibacterium acnes.*

**Methods :** *This systematic study uses 4 national articles indexed by SINTA (Science and Technology Index) and 1 international article indexed by SJR (Scimago Journal & Country Rank).*

**Results :** *The results showed that Ageratum conyzoides L leaf extract had antibacterial activity against Staphylococcus aureus and Propionibacterium acnes. Phytochemical screening showed bandotan leaf extract contains flavonoid compounds, tannins, alkaloids, terpenoids, glycosides (saponins). The zone of inhibition against Staphylococcus aureus was 10-15 mm, weak category, and the Minimum Inhibitory Concentration was 12.5 mg/ml, while for Propionibacterium acnes it was 50 mg/ml.*

**Conclusion :** *Ageratum conyzoides L. leaf extract has antibacterial activity against Staphylococcus aureus and Propionibacterium acnes. The compounds in Bandotan leaf extract were identified as flavonoids, tannins, alkaloids, terpenoids, and glycosides.*

**Keywords :** *Ageratum conyzoides L., Staphylococcus aureus, Propionibacterium acnes*

**(xix + 135 pages + 20 tables + 6 appendix)**