

**Aktivitas Antibakteri dan Antijamur Asam Lantanilat Hasil Isolasi dari  
Tumbuhan *Lantana camara* Linn**

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## ABSTRACT

### ANTIBACTERIAL AND ANTIFUNGAL ACTIVITY of LANTANILIC ACID ISOLATED FROM *Lantana camara* Linn

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In the previous studies isolation, structure determination and cytotoxic activity test of lantanilic acid which was isolated from *Lantana camara* Linn leaves has been conducted. Cytotoxic activity of lantanilic acid by BSLT methods showed strong activity with  $LC_{50}$  value of 27.9  $\mu\text{g/mL}$ . In this study, antimicrobial and antifungal activities test used by disk diffusion method shown that lantanilic acid is active against *Staphylococcus aureus* bacteria and *Candida albicans* fungus but inactive against *Escherichia coli*, *Pseudomonas aeruginosa*, and *Staphylococcus epidermis* bacterial.

Keyword: lantanilic acid, *Lantana Camara* L. leaves, antibacteria, antifungal

