ANTIBACTERIAL POTENCY OF JUICE CANANGA
(*Cananga odorata* (Lam.) Hook. F & Thomson) LEAVES
TO Staphylococcus aureus BACTERIA
BY IN VITRO METHOD

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ABSTRACT

The effectivity of cananga (*Cananga odorata* (Lam.) Hook. F & Thomson) leaves have several substances such as alkaloid, saponin, tanin, and flavonoid. Those substances were indicated as antibacterial against *Staphylococcus aureus*, and it can be used alternative therapy. Dilution method with eleven concentrations was used in this research to determine Minimum Inhibitory Concentration (MIC) and Minimum Bacteriocide Concentration (MBC). The concentrations were used: 100%, 90%, 80%, 70%, 60%, 50%, 40%, 30%, 20%, 10%, and 0%, each concentration repeated with 3 repetitions. Result of this research showed that the concentration of 90% acted as bacteriocide agent against *Staphylococcus aureus* and can kill bacteria *in vitro*.

Key words: Cananga leaves, antibacteria, *Staphylococcus aureus*