Effectiveness of Green Cincau Leaf Extract (*Cyclea barbata Miers*) as an Antibacterial *Staphylococcus aureus* by *In Vitro*

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**ABSTRACT**

The effectiveness of green cincau leaf (*Cyclea barbata Miers*) was known to have several active substances such as flavonoids and saponins. Those substances were indicated as antibacterials against *Staphylococcus aureus*, and can be used as an alternative to antibiotics. Dilution method with eleven concentrations was used in this research to determine Minimum Inhibitory Concentration (MIC) and Minimum Bactericide Concentration (MBC). The concentrations used were: 100%, 90%, 80%, 70%, 60%, 50%, 40%, 30%, 20%, 10% and 0%, each concentration repeated with 6 repetitions respectively. The obtained data showed that the concentration of 80% acted as bactericide agent against *Staphylococcus aureus* and can killed bacteria *in vitro*.

**Key words:** green cincau leaf, antibacteria, *Staphylococcus aureus*