

ABSTRACT

**SALSA DILA SHOLIHAN. Antiseptic Noni Leaf Extract (*Morinda citrifolia* L.)
Against the Inhibitory Power of *Staphylococcus aureus***

*This study entitled the antiseptic of noni leaf extract (*Morinda citrifolia* L.) against *Staphylococcus aureus* bacteria, aimed to determine the antiseptic inhibition of noni leaf extract (*Morinda citrifolia* L.) against the growth of *Staphylococcus aureus* bacteria. Infectious disease is one of the diseases caused by pathogenic bacteria such as *Staphylococcus aureus*. Infectious disorders can usually be treated with antibiotics. However, as time goes by, the availability of antibiotics is increasingly widespread and the irrational use of antibiotics has led to the phenomenon of bacterial resistance. One of the bacteria that is experiencing resistance is *Staphylococcus aureus*. This problem of bacterial resistance requires renewal or development of natural-based drugs to eliminate bacteria and prevent bacterial resistance. Noni (*Morinda citrifolia* L.) is an herbal plant that has medicinal benefits. Based on the results of phytochemical tests in previous studies that have been carried out, noni leaves (*Morinda citrifolia* L.) contain active compounds that are able to inhibit and even kill bacteria. This study uses a qualitative approach with literature study research methods. The results showed that noni leaf extract (*Morinda citrifolia* L.) can be used as another alternative material to inhibit the growth of *Staphylococcus aureus* bacteria with the optimum concentration at a concentration of 50-70% seen from the inhibition zone formed. Noni leaf extract (*Morinda citrifolia* L.) is also effective in inhibiting the growth of other pathogenic bacteria, such as *Streptococcus viridans* and *Staphylococcus pyogenes*.*

Keywords : Antiseptics, *Morinda citrifolia* L., Noni leaf extract, *Staphylococcus aureus*.