

ABSTRACT

Ahmad Fachrul Mutaqin. ANTISEPTIC FROM LIME (*Citrus aurantifolia* (Christm.) Swingle) TO INHIBIT THE GROWTH OF *Staphylococcus aureus* BACTERIA ON THE HANDS A

*Healthy lifestyle is an activity that must be applied early, maintaining health as a form of self-care, as well as washing hands before eating. This is done to prevent the spread of bacteria on the hands so as not to be infected into the body, one example is *Staphylococcus aureus* bacteria, pathogenic bacteria that harm humans because it can cause diseases such as diarrhea, endocarditis, abscesses, pneumonia, skin infections. Therefore hand washing activities are part of prevention, however, the use of excess chemicals applied to the hands will cause skin irritation, so it requires other alternatives of natural ingredients to be used as antiseptics. This type of research is a literature study. Qualitative research methods use journal documentation methods. The data sources used are primary and secondary sources. One of the natural ingredients that can be used as an antiseptic is lime (*Citrus aurantifolia* (Christm.) Swingle) Which contains flavonoid compounds, essential oils that are antibacterial so effectively used as antiseptics. The results showed that lime juice was able to inhibit the growth of *Staphylococcus aureus* bacteria with the concentration variant used, the optimum resistance obtained at 100% concentration. The higher the concentration used, the better the antibacterial power obtained*

Keywords: (*Citrus aurantifolia* (Christm.) Swingle), *Staphylococcus aureus*,
Antiseptic.