

ABSTRACT

The research entitled “Antiseptic Of Basil Leaf Extract (Ocimum Basilicum L.) On The Inhibition Of Staphylococcus aureus Bacteria” has the aim of knowing whether an antiseptic made from basil leaf extract (Ocimum basilicum L.) can help in inhibiting the growth of Staphylococcus aureus bacteria. The hand is a member of the body that is most often used to carry out daily activities. There are still many people who don't realize when doing activities, that hands are often easily contaminated by many bacteria, because the hands are the link for micro-entry into the gastrointestinal tract, therefore hand hygiene must always be maintained. Products for hand sanitizer can be designed in several types, such as soap that can be washed with water to instant products such as hand sanitizer made from antiseptic. One way to reduce the application of chemicals such as alcohol and triclosan found in hand sanitizer antiseptic products is to use natural plant extracts that contain antibacterial properties and are safe for repeated use on the palms, such as basil (Ocimum basilicum L.). The essential oil content in basil leaves (Ocimum basilicum L.) has antimicrobial effects such as the effect against Staphylococcus aureus. This study uses a qualitative research approach with the type of library research and literature study methods. The results showed that an antiseptic made from basil leaf extract (Ocimum basilicum L.) could inhibit the growth of Staphylococcus aureus bacteria.

Keywords: Antiseptic, Basil Leaf, Ocimum basilicum L., Staphylococcus aureus.