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FORMULATING AND TESTING THE EFFECTIVENESS OF ANTIPERSPIRANT SPRAY DEODORANT EXTRACT GREEN BETAL LEAF (Piper Betle L.) TO OVERCOME ORGANIC Odor Due to Staphylococcus aureus BACTERIA

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ABSTRACT

Human activities socialize a lot with other humans so they have to look good, but underarm odor due to daily activities will make other people feel very disturbed. This odor arises from sweat and bacteria that cause underarm odor, namely Staphylococcus Aureus bacteria. Natural ingredients that can overcome Staphylococcus Aureus bacteria are green betel leaves (Piper Betle Linn.) which contain antiseptics in the form of phenolic compounds and chavicol which have 5 times antiseptic power than ordinary phenol. Green betel leaf (Piper Betle Linn.) has traditionally been known as a medicinal plant which has been used for generations. The aim of this study was to formulate green betel leaf extract (Piper Betle Linn.) into a deodorant spray which has the advantage of being practical to use and dries faster so it doesn't leave stains on clothes so you feel confident when you meet other people because you don't smell armpits and your clothes don't smell. dirty from deodorant The method used is experimental with the evaluation carried out are physical evaluation, irritation test, antiperspirant test, and antibacterial test against Staphylococcus aureus.

Keywords: Armpit odor, Betel leaf extract, Formulation deodorant spray, Staphylococcus Aureus.
(xi + 43 + Attachment)
Bibliography (1979-2021)