

ABSTRACT

Antifungal Activity of *Auricularia nigricans* Extracted Using Soxhlet with Ethanol Solvent Against *Candida parapsilosis* with Well Method

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*The purpose of this study was to determine the ability of black ear fungus extract (*Auricularia nigricans*) which was extracted by soxhletation in inhibiting the growth of *Candida parapsilosis*. This type of research is experimental, the extraction method chosen is soxhletation with 96% ethanol solvent at 40°C for 5 hours. Inhibitory test method used pitting method. The volume of the extract obtained was 8.4 ml with a purple-black color and a characteristic smell of extract. The results of the inhibition zone measurements at concentrations of 25%, 50% and 75% were no inhibition zone formed or the diameter of the inactive inhibition zone (NA). Several factors that did not form the inhibition zone were the habitat of black ear fungus, the concentration volume was too small, the virulence factor of *Candida parapsilosis*.*

Keywords: *Auricularia nigricans, Candida parapsilosis, Zone Inhibitory, Ethanol.*