

ABSTRACT

ANTIFUNGAL ACTIVITY OF *Auricularia nigricans* MACERATION EXTRACTED WITH ETHANOL AS SOLVENT AGAINST *Candida* *parapsilosis* USING THE WELL METHOD

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The purpose of this study was to determine the ability of *Auricularia nigricans* extract inhibit *Candida parapsilosis*. The research methodology used is an experimental laboratory. The extraction method was maceration with ethanol 96% as a solvent (3 x 24 hours). The inhibitory test method used the wells method. The color of the extract is brownish purple, the smell is not too strong and in the form of a thick liquid. The yield of the extract is 8,135%. The measurement result of the inhibition zone at all concentration of 0,2 g/ml; 0,3 g/ml and 0,4 g/ml is no inhibition zone formed, after being incubated for 48 hours. The absence of the inhibition zone can be caused by several factors, such as the length of the maceration time used is too short, the volume of the extract is too small, the habitat of *Auricularia nigricans* and virulence factor by *Candida parapsilosis*.

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