

ABSTRACT

INHIBITORY TEST OF THE BLACK EAR FUNGUS (*Auricularia nigricans*) AGAINST *Candida glabrata* USING THE WELL METHOD

Afina Indrawati

This study is aimed to determining the ability of black ear fungus extract using methanol solvent by soxhletation method for 10 hours in inhibiting *Candida glabrata*. Concentrations used were 0.2 g/ml, 0.25 g/ml, 0.3 g/ml and DMSO 10% as negative control. Testing the inhibition activity using the well-diffusion method with 5 repetitions. The results showed that at concentrations of 0.2 g/ml, 0.25 g/ml, 0.3 gml and 10% DMSO, inhibition zones were not formed which were included in the inactive category. The conclusion of this study is that black ear fungus extract (*Auricularia nigricans*) extracted could not inhibit *Candida glabrata*.

Keywords : Black ear fungus, Soxhletation, Candida glabrata