Aktivitas Antifungi Krim Minyak Atsiri Lengkuas [Alpinia galanga (L.) Swartz] Terhadap Candida albicans

Abstrak:

Antifungal activity of essential oil cream of Alpinia galanga (L) Swartz (Oil/Water) against Candida albicans has been investigated. Using Ring Diffusion Method has enhanced bioassay and the activity has been expressed as growth inhibition against the microbial assay. Minimum Inhibition Concentration has been obtained in the cream that contains 8% of the essential oil. At the concentration of 15%, the essential oil produced unacceptable cream because of its lower viscosity. Analysis of Variant by Random Block Design showed that Potency Ratio of the cream and klotrimazol standard is 104.41%.

Keyword:

Antifungal activity, essential cream, Alpinia galanga (L), Swartz, Candida albicans