

ABSTRACT

Sri Novya Uduala. 2014. The antidiarrheal Effect of Mangrove Tree Bark (*Rhizophora Spp*) Extract on Rat (*Rattus novergicus*) Induced Castrol Oil. Essay, Pharmacy Department. Faculty of Health and Sport Sciences. State University of Gorontalo. Adviser I : Dr. Widysusanti Abdulkadir, M.Si., Apt and Adviser II : Hamsidar Hasan, S.Si., M.Si., Apt.

Diarrhea is a diseases which experienced patient by stimulation of defecation continuously and feses has more water content. The other definition of diarrhea was defecation with unformed stools feces or liquid with frequency more than 3 times in 24 hours.

The aim of this study was to know antidiarrheal effect of mangrove tree bark (*Rhizophora Spp*) extract on rat which induced castrol oil.

This research utilized 15 rats (*Rattus novergicus*) which divided into 5 groups. Each group consisted of 3 rats. Group I (Positive control) was loperamide suspension 0.00072% b/v, group II (negative control) was pure water and group III, IV, V as treatment groups which induced by mangrove tree bark extract of 20% b/v, 30% b/v, 40% b/v. The research result showed that the data analysis with Anava statistic test gave 20% b/v of extract having antidiarrheal effect was better than other groups and 40% b/v of extract gave antidiarrheal effect which was strong.

Keywords : mangrove tree bark extract, antidiarrheal effect, rat

LEMBAR PENGESAHAN

Skripsi yang berjudul Efek Antidiare Ekstrak Kulit Kayu Pohon Bakau
(*Rhizophora Spp*) Pada Tikus Putih (*Rottus Novergicus*)
Yang Diinduksi Oleum Ricini

Oleh : Sri Novya Uduala

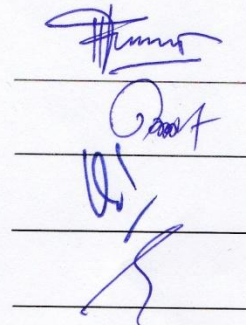
Telah dipertahankan di depan dewan penguji

Hari/ Tanggal : Jum'at, 15 Agustus 2014

Waktu : 14.00

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Gorontalo, Agustus 2014

