

ACANTHACEAE
EMETICS

SKRIPSI

NOVITA YUNIARTI

**STUDI EMETIK FRAKSI ETANOL 60%
DAUN *Gendarussa vulgaris* Nees
PADA MERPATI (*Columba livia*)**



**FAKULTAS FARMASI
UNIVERSITAS AIRLANGGA
BAGIAN ILMU BAHAN ALAM
SURABAYA
2003**

Lembar Pengesahan

STUDI EMETIK FRAKSI ETANOL 60% DAUN *Gendarussa vulgaris* Nees PADA MERPATI (*Columba livia*)

SKRIPSI

Dibuat Untuk Memenuhi Syarat
Mencapai Gelar Sarjana Farmasi Pada
Fakultas Farmasi Universitas Airlangga

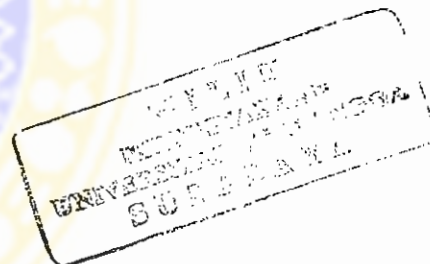
Oleh :

NOVITA YUNIARTI
NIM : 059912123

Skripsi Ini Telah Disetujui
Tanggal September 2003

Oleh :

Pembimbing Utama

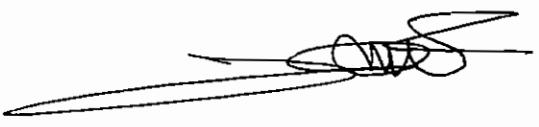



Dr. Hj. Mangestuti Agil, Apt., MS.
NIP. 130 809 085

Pembimbing Serta


dr. M. Soedjak N, SpFK.
NIP. 130 517 166

Pembimbing Serta


Dr. Bambang Prayogo E.W, MS.
NIP. 131 470 993

ABSTRACT

The aim of this research is to find out the emetic effect of the 60% ethanol fraction of *Gendarussa vulgaris* Nees leaves when given orally to the pigeon. One of the chemical contents of *Gendarussa vulgaris* Nees leaves is 0,1% alkaloid which is assumed as having emetic effect.

This study was conducted on 7 groups of male pigeons (3 pigeons in each group). The 60% ethanol fraction of *Gendarussa vulgaris* Nees leaves was given orally in five different doses (0,662 g/kgbw, 1,324 g/kgbw, 2,649 g/kgbw, 5,298 g/kgbw, 10,596 g/kgbw). 0,5% solution of CMC-Na was used as negative control and a 1% solution of CuSO₄ was administered as positive control.

Result showed that the lowest dose of this fraction which caused emetic is 2,649 g/kgbw at 70,67 minute after administration. Stronger emetic effect and shorter onset of action were observed upon the administration of higher doses.

Keyword: 60% ethanol fraction of *Gendarussa vulgaris* Nees leaves, pigeon, emetic effect.

