

9. Hasil Uji Fitokimia



KEMENTERIAN RISET, DAN TEKNOLOGI
UNIVERSITAS NEGERI SURABAYA
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
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Kode : Eduwardo Roy Saputra Wibisana (Teknologi Laboratorium Medis - Umsida)
Analisis : Alkaloid, Flavonoid, Saponin, Steroid, Triterpenoid, Fenolik dan Tanin.
Sampel : Ekstrak Etanol 70% Daun Turi (*Sesbania grandiflora*)
Metode : Fitokimia
Tanggal : 28 Mei 2025

Uji Fitokimia	Pereaksi	Hasil (Terbentuknya)	Kesimpulan (+) / (-)
	Mayer	Endapan putih	+++
Alkaloid	Wagner	Endapan coklat	+++
	Dragendorf	Endapan jingga	+++
Flavonoid	Mg + HCl pekat + etanol	Warna merah	++
Saponin	-	Adanya busa stabil	+++
Steroid	Libermann-Burchard	Ungu ke biru/hijau	+++
Triterpenoid	Kloroform + H ₂ S ₄ Pekat	Merah kecoklatan	+++
Fenolik	NaCl 10% + Gelatin 1%	Endapan Putih	++
Tanin	FeCl ₃ 1%	Coklat kehijauan	++

Surabaya, 25 Mei 2025

Laboran

Idah Dianah Wati, S.Pd

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10. Sertifikat Uji Etik



**UNIVERSITAS AIRLANGGA FACULTY OF DENTAL MEDICINE
HEALTH RESEARCH ETHICAL CLEARANCE COMMISSION**

ETHICAL CLEARANCE CERTIFICATE
Number : 0523/HRECC.FODM/IV/2025

Universitas Airlangga Faculty Of Dental Medicine Health Research Ethical Clearance Commission has studied the proposed research design carefully, Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011, and therefore, shall herewith certify that the research entitled :

“Differences in Bilirubin and Albumin Levels in the Liver of Male White Rats (*Rattus norvegicus*) Inducted by Toxic Doses of Paracetamol by Giving Turi Leaf Extract (*Sesbania Grandiflora* (L.) Pers.)”

Principal Researcher : **EDUWARD ROY SAPUTRA WIBISANA**

Unit/Institution/Place of Research : - Animal Experiment Laboratory,
Pharmacology Laboratory, and
Clinical Pathology Laboratory,
Laboratory of the Faculty of Medicine,
University of Muhammadiyah
Sidoarjo

CERTIFIED TO BE ETHICALLY CLEARED


Surabaya, April 29, 2025
Chairman,


Prof. Dr. TAMARA YUANITA, drg., MS., Sp.KG(K)
Official No. 196006251986012002