

1. Hasil Uji Fitokimia



KEMENTERIAN RISET, DAN TEKNOLOGI
UNIVERSITAS NEGERI SURABAYA
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
JURUSAN KIMIA
Kampus Ketintang, Jalan Ketintang Gedung C5,C6, Surabaya 60231
Telepon : +6231 – 8298761,
email : kimia@unesa.ac.id Laman : <http://kimia.fmipa.unesa.ac.id>

Kode : Veronika Oktaruliawan (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	Liebermann-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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2. Seterfikat Kode Etik

	
UNIVERSITAS AIRLANGGA FACULTY OF DENTAL MEDICINE HEALTH RESEARCH ETHICAL CLEARANCE COMMISSION	
<u>ETHICAL CLEARANCE CERTIFICATE</u> Number : 0524/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 ALP and Gamma GT levels of Hepar Male White Rats (<i>Rattus norvegicus</i>) Induced by Toxic Doses of Paracetamol by Administration of Turi Leaf Extract (<i>Sesbania grandiflora</i> (L.) Pers.)”	
Principal Researcher	: VERONIKA OKTARULIAWAN
Unit/Institution/Place of Research :	- Animal Experiment Laboratory, Pharmacology Laboratory, and Clinical Pathology Laboratory, Laboratory of the Faculty of Medicine, University of Muhammadiyah Sidoarjo
<u>CERTIFIED TO BE ETHICALLY CLEARED</u>	
 Buituhaya, April 29, 2025 Chairman,	
Prof. Dr. YUANITA , drg., MS., Sp.KG(K) Official No. 196006251986012002	