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LAMPIRAN

Lampiran 1. Dokumentasi Kegiatan pada Tahap Persiapan Sampel**Persiapan akar kelor****Pencucian akar kelor****Pengupasan kulit akar kelor****Pengirisan akar kelor****Pengeringan pada suhu ruang****Pengeringan sinar matahari****Pengeringan dengan oven****Penghancuran akar kelor****Pengayakan sampel****Pengemasan sampel****Penimbangan sampel**

Lampiran 2. Dokumentasi Kegiatan pada Tahap Ekstraksi Sampel

**Penimbangan
serbuk akar kelor**



**Wadah maserasi
berisi sampel**



**Pengukuran
volume pelarut**



**Pengadukan sampel
dan pelarut**



**Proses maserasi
selama 3 hari**



Penyaringan maserat





**Penguapan dengan
Rotary Vacum
Evaporator**



**Penimbangan dan pengemasan
sampel pada botol vial**

Lampiran 3. Rekomendasi Persetujuan Etik

 <p style="text-align: center;">KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN RSPTN UNIVERSITAS HASANUDDIN RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR Sekretariat : Lantai 2 Gedung Laboratorium Terpadu JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245. Contact Person: dr. Agussalim Bukhari.,MMed,PhD, SpCK TELP. 081241850858, 0411 5780103, Fax : 0411-581431</p> 			
REKOMENDASI PERSETUJUAN ETIK			
Nomor : 1063/UN4.6.4.5.31/ PP36/ 2024			
			Tanggal: 3 Desember 2024
Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :			
No Protokol	UH24110981		No Sponsor
Peneliti Utama	Zulkifli Rahman		Sponsor
Judul Peneliti	ANALISIS SENYAWA METABOLIT SEKUNDER PADA EKSTRAK N-HEKSAN AKAR KELOR (Moringa oleifera) DENGAN INSTRUMEN GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)		
No Versi Protokol	1	Tanggal Versi	30 Nopember 2024
No Versi PSP		Tanggal Versi	
Tempat Penelitian	Fakultas Farmasi Universitas Hasanuddin, Politeknik Negeri Ujung Pandang Kota Makassar dan Kabupaten Enrekang		
Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Prof. dr. Muh Nasrum Massi, PhD, SpMK, Subsp. Bakt(K)		Tanda tangan
Sekretaris KEP Universitas Hasanuddin	dr. Firdaus Hamid, PhD, SpMK(K)		Tanda tangan

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan