

LAMPIRAN

Lampiran 1



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA
BADAN PENGEMBANGAN DAN PEMBERDAYAAN
SUMBER DAYA MANUSIA KESEHATAN
POLITEKNIK KESEHATAN TANJUNGPURUN



Jl. Soekarno - Halte No. 6 Bandar Lampung
Telp : 0721 - 783 852 Faxsimile : 0721 - 773 918
Website : <http://poltekkes-tjk.ac.id> E-mail : direktorat@poltekkes-tjk.ac.id

KETERANGAN LAYAK ETIK
DESCRIPTION OF ETHICAL EXEMPTION
"ETHICAL EXEMPTION"

No.270/KEPK-TJK/III/2024

Protokol penelitian versi 1 yang diusulkan oleh :
The research protocol proposed by

Peneliti utama : Nur Hajizah Komala Tungga
Principal In Investigator

Nama Institusi : Poltekkes Kemenkes Tanjung Karang
Name of the Institution

Dengan judul:
Title

**"Kombinasi Ekstrak Daun Sirsak (*Annona Muricata L*) dan Daun Wuluh (*Averrhoa Bilimbi L*)
terhadap Mortalitas Nyamuk"**

*"Combination of Soursop Leaf Extract (*Annona Muricata L*) and Wuluh Leaf (*Averrhoa Bilimbi L*)
Against Mosquito Mortality"*

Dinyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1) Social Values, 2) Scientific Values, 3) Equitable Assessment and Benefits, 4) Risks, 5) Persuasion/Exploitation, 6) Confidentiality and Privacy, and 7) Informed Consent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfillment of the indicators of each standard.

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 04 Maret 2024 sampai dengan tanggal 04 Maret 2025.



This declaration of ethics applies during the period March 04, 2024 until March 04, 2025.



March 04, 2024
Professor and Chairperson,

Dr. Aprina, S.Kp., M.Kes

Lampiran 2

	KEMENTERIAN KESEHATAN REPUBLIK INDONESIA POLITEKNIK KESEHATAN TANJUNGPURBAN JURUSAN KESEHATAN LINGKUNGAN	
Jl. Raya Hajarina No. 100 Lampung Selatan Telp : 0721 - 703630 Faximile : 0721 - 787561 Website : http://poltekkes-tjk.ac.id E-mail : jurusankesling@yahoo.com		
Nomor	: PP.08.02/TV/495/2024	8 Januari 2024
Lampiran	: -	
Hal	: <u>Permohonan Pengambilan Jentik Nyamuk <i>Anopheles</i></u>	
Yth. Kepala UPT Puskesmas Hanura di - Bandarlampung		
<p>Sehubungan dengan penyusunan Skripsi bagi mahasiswa tingkat akhir (Semester 8) pada Program Studi Sanitasi Lingkungan Program Sarjana Terapan Jurusan Kesehatan Lingkungan Politeknik Kesehatan Kementerian Kesehatan Tanjungpurban Tahun Akademik 2023/2024, maka kami mengharapkan dapat diberikan izin pengambilan Jentik Nyamuk <i>Anopheles</i> sebagai sampel penelitian Skripsi pada wilayah kerja Puskesmas Hanura yang Bapak/Ibu pimpin. Adapun mahasiswa yang akan melakukan penelitian atas nama Nur Hajizah Komala Tungga (NIM: 2013351035).</p> <p>Atas perhatian dan kerjasamanya kami ucapkan terima kasih.</p>		
 Mei Ahyanti, SKM., M.Kes NIP. 197305092005012002		
Dipindai dengan CamScanner		

Lampiran 3

TABEL PERNCANAAN PENGAMATAN

Kombinasi ekstrak daun sirsak dan daun belimbing wuluh	Pengulangan	15	15	15	15	15	15	15	15
		menit ke 1	menit ke 2	menit ke 3	menit ke 4	menit ke 5	menit ke 6	menit ke 7	menit ke 8
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									
BD 1 0%/100%	1								
	2								
	3								
Rata-rata kematian									

Lampiran 4

Test Normality One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		264
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	1,50978207
Most Extreme Differences	Absolute	,048
	Positive	,048
	Negative	-,035
Test Statistic		,048
Asymp. Sig. (2-tailed)		,200 ^{c,d}

- a. Test distribution is Normal.
- b. Calculated from data.
- c. Lilliefors Significance Correction.
- d. This is a lower bound of the true significance.

Between-Subjects Factors

		Value Label	N
Formula	1	100%/0%	24
	2	90%/10%	24
	3	80%/20%	24
	4	70%/30%	24
	5	60%/40%	24
	6	50%/50%	24
	7	40%/60%	24
	8	30%/70%	24
	9	20%/80%	24
	10	10%/90%	24
	11	0%/100%	24
waktu kontak	1	08:00	33

	2	08:15	33
	3	08:30	33
	4	08:45	33
	5	09:00	33
	6	09:15	33
	7	09:30	33
	8	09:45	33

Descriptive Statistics

Dependent Variable: hasil

Formula	waktu kontak	Mean	Std. Deviation	N
100%/0%	08:00	2.33	1.528	3
	08:15	3.67	2.082	3
	08:30	4.67	2.082	3
	08:45	6.00	2.000	3
	09:00	7.33	1.528	3
	09:15	8.67	.577	3
	09:30	9.67	.577	3
	09:45	8.67	.577	3
	Total	6.38	2.826	24
90%/10%	08:00	.67	.577	3
	08:15	3.33	2.887	3
	08:30	3.67	2.309	3
	08:45	6.00	3.464	3
	09:00	6.33	2.887	3
	09:15	8.67	.577	3
	09:30	9.67	.577	3
	09:45	10.00	.000	3
	Total	6.04	3.629	24
80%/20%	08:00	1.67	2.082	3
	08:15	3.33	2.082	3
	08:30	3.67	1.528	3
	08:45	6.00	2.646	3
	09:00	8.00	1.000	3
	09:15	9.33	.577	3
	09:30	10.00	.000	3

	09:45	10.00	.000	3
	Total	6.50	3.414	24
70%/30%	08:00	2.00	2.000	3
	08:15	3.67	1.528	3
	08:30	6.33	2.082	3
	08:45	7.00	2.646	3
	09:00	8.67	.577	3
	09:15	9.33	.577	3
	09:30	10.00	.000	3
	09:45	10.00	.000	3
	Total	7.12	3.125	24
	60%/40%	08:00	1.67	1.155
08:15		3.00	.000	3
08:30		3.67	.577	3
08:45		4.67	.577	3
09:00		5.67	.577	3
09:15		8.33	1.155	3
09:30		9.33	1.155	3
09:45		10.00	.000	3
Total		5.79	3.036	24
50%/50%		08:00	1.33	1.528
	08:15	4.67	1.528	3
	08:30	5.67	1.155	3
	08:45	6.00	1.000	3
	09:00	7.67	2.082	3
	09:15	8.33	1.528	3
	09:30	9.67	.577	3
	09:45	10.00	.000	3
	Total	6.67	2.959	24
	40%/60%	08:00	1.33	1.528
08:15		3.00	2.000	3
08:30		4.67	1.528	3
08:45		5.67	1.528	3
09:00		7.67	1.528	3
09:15		8.33	.577	3
09:30		10.00	.000	3
09:45		10.00	.000	3
Total		6.33	3.253	24

30%/70%	08:00	.67	.577	3
	08:15	3.67	2.309	3
	08:30	5.67	2.309	3
	08:45	8.33	1.155	3
	09:00	8.67	.577	3
	09:15	8.67	.577	3
	09:30	10.00	.000	3
	09:45	10.00	.000	3
	Total	6.96	3.368	24
20%/80%	08:00	2.00	.000	3
	08:15	4.33	1.155	3
	08:30	6.00	1.000	3
	08:45	6.33	1.528	3
	09:00	8.33	1.528	3
	09:15	9.00	1.732	3
	09:30	10.00	.000	3
	09:45	10.00	.000	3
	Total	7.00	2.889	24
10%/90%	08:00	2.00	1.000	3
	08:15	4.67	1.528	3
	08:30	7.00	1.000	3
	08:45	7.67	1.528	3
	09:00	8.67	1.155	3
	09:15	9.00	1.000	3
	09:30	10.00	.000	3
	09:45	10.00	.000	3
	Total	7.37	2.810	24
0%/100%	08:00	1.67	.577	3
	08:15	3.33	.577	3
	08:30	5.67	1.155	3
	08:45	7.67	1.528	3
	09:00	9.00	1.732	3
	09:15	9.33	1.155	3
	09:30	10.00	.000	3
	09:45	10.00	.000	3
	Total	7.08	3.175	24
Total	08:00	1.58	1.200	33

08:15	3.70	1.591	33
08:30	5.15	1.752	33
08:45	6.48	1.922	33
09:00	7.82	1.629	33
09:15	8.82	.917	33
09:30	9.85	.442	33
09:45	9.88	.415	33
Total	6.66	3.121	264

Levene's Test of Equality of Error Variances^{a,b}

		Levene Statistic	df1	df2	Sig.
Hasil	Based on Mean	3.785	87	176	.000
	Based on Median	.632	87	176	.991
	Based on Median and with adjusted df	.632	87	52.039	.971
	Based on trimmed mean	3.376	87	176	.000

Tests of Between-Subjects Effects

Dependent Variable: hasil

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	2232.652 ^a	87	25.663	13.742	.000	.872
Intercept	11706.682	1	11706.682	6268.892	.000	.973
Formula	59.068	10	5.907	3.163	.001	.152
WK	2094.227	7	299.175	160.207	.000	.864
Formula * WK	79.356	70	1.134	.607	.991	.194
Error	328.667	176	1.867			
Total	14268.000	264				
Corrected Total	2561.318	263				

Homogeneous Subsets

Formula

Tukey HSD^{a,b}

Formula	N	Subset		
		1	2	3
60%/40%	24	5.79		
90%/10%	24	6.04	6.04	
40%/60%	24	6.33	6.33	6.33
100%/0%	24	6.38	6.38	6.38
80%/20%	24	6.50	6.50	6.50
50%/50%	24	6.67	6.67	6.67
30%/70%	24	6.96	6.96	6.96
20%/80%	24	7.00	7.00	7.00
0%/100%	24		7.08	7.08
70%/30%	24		7.12	7.12
10%/90%	24			7.37
Sig.		.087	.188	.236

Homogeneous Subsets

Waktu Kontak								
Tukey HSD ^{a,b}								
waktu kontak	N	Subset						
		1	2	3	4	5	6	
15	33	1.58						
30	33		3.70					
45	33			5.15				
60	33				6.48			
75	33					7.82		
90	33					8.82	8.82	
105	33						9.85	9.85
120	33							9.88
Sig.		1.000	1.000	1.000	1.000	.065	.051	1.000

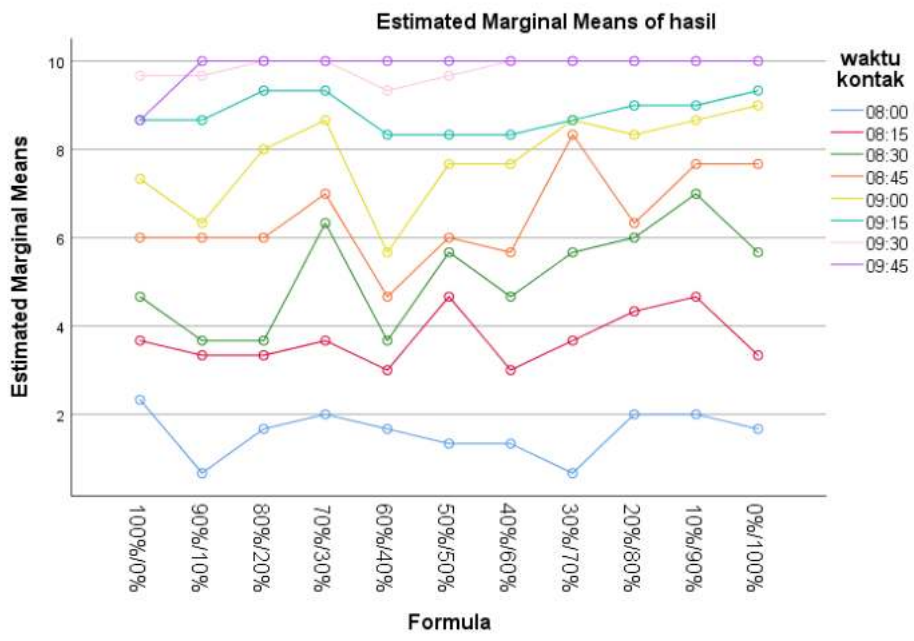
Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square (Error) = 1.867.

a. Uses Harmonic Mean Sample Size = 33.000.

b. Alpha = ,05.



Lampiran 5

	
<p>PENGAMBILAN BAHAN</p>	<p>PENJEMURAN</p>
	
<p>PENJEMURAN</p>	<p>SETALAH JADI EKSTRAK</p>
	
<p>PEMBUATAN FORMULASI ESKTRAK</p>	<p>SETELAH DI FORMULASI</p>



PENGAMBILAN JENTIK ANOPHELES



PEMISAHAN JENTIK ANOPHELES



PENANGKARAN



PEMBERIAN BOLA KAPAS
GULA



FORMULASI DENGAN JENTIK



PENANGKARAN NYAMUK



PEMBERIAN FORMULASI
EKSTRAK



PENGUAPAN EKSTRAK



NYAMUK DEWASA



NYAMUK DI LETAKAN
KEBOTOL



PENGAMATAN UJI BIO ASSAY



PECATATAN KETIKA
NYAMUK MATI



NYAMUK YANG MATI