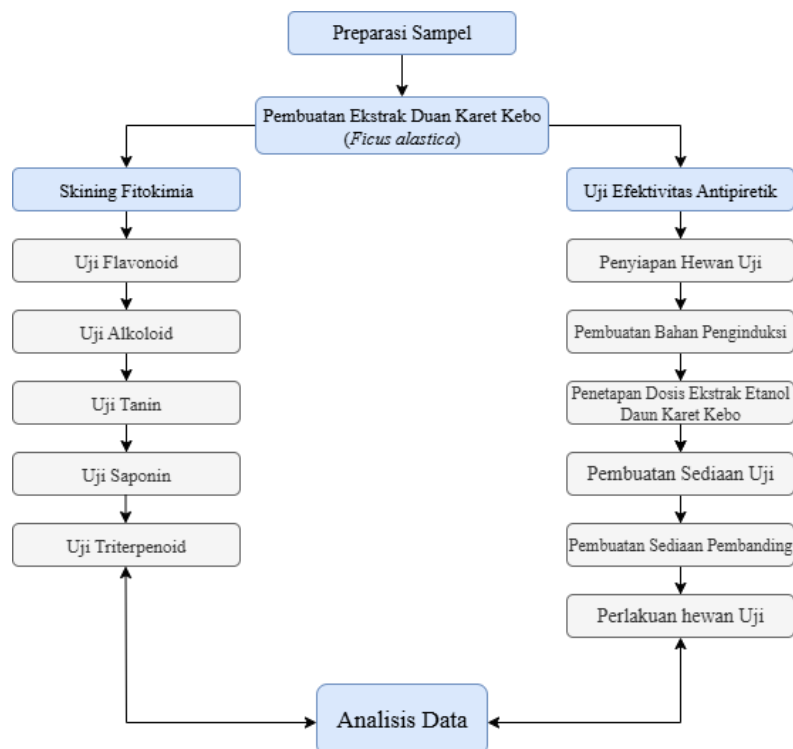


LAMPIRAN

Lampiran 1. Kode Etik



Lampiran 2. Alur Penelitian



Lampiran 3. Perhitungan % Rendemen

$$\begin{aligned}\% \text{ Rendemen} &= \frac{\text{berat akhir}}{\text{berat awal}} \times 100\% \\ &= \frac{55,85 \text{ gram}}{200 \text{ gram}} \times 100\% \\ &= 27,92 \%\end{aligned}$$

Lampiran 4. Perhitungan Penentuan Banyaknya Sampel (Mencit)

Rumus Federer : $(n-1)(t-1) \geq 15$

Keterangan : n : Besar Sampel

t : Banyaknya Perlakuan

Penyelesaiannya :

$$\begin{aligned}(n-1)(t-1) \geq 15 &= (n-1)(5-1) \geq 15 \\ &= (n-1)(4) \geq 15 \\ &= 4n-4 \geq 15 \\ &= 4n \geq 15+4 \\ &= \geq 4,75 = \geq 5\end{aligned}$$

Jadi, jumlah sampel yang akan digunakan adalah 5 ekor mencit setiap kelompok.

Lampiran 5. Perhitungan Penginduksi Pepton 5%

Pepton 5% , 1 gr pepton dilarutkan dalam 20 ml aquadest

Volume Pemberian

Kelompok 1

$$\text{Mencit 1} = \frac{25 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 2} = \frac{25 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 3} = \frac{25 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 4} = \frac{25 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 5} = \frac{24 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

Kelompok 2

$$\text{Mencit 1} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 2} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 3} = \frac{24 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 4} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 5} = \frac{24 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

Kelompok 3

$$\text{Mencit 1} = \frac{27 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

$$\text{Mencit 2} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 3} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 4} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,8 \text{ ml}$$

$$\text{Mencit 5} = \frac{27 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

Kelompok 4

$$\text{Mencit 1} \quad = \frac{28 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

$$\text{Mencit 2} \quad = \frac{28 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

$$\text{Mencit 3} \quad = \frac{29 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

$$\text{Mencit 4} \quad = \frac{29 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

$$\text{Mencit 5} \quad = \frac{28 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

Kelompok 5

$$\text{Mencit 1} \quad = \frac{30 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 1 \text{ ml}$$

$$\text{Mencit 2} \quad = \frac{30 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 1 \text{ ml}$$

$$\text{Mencit 3} \quad = \frac{29 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 0,9 \text{ ml}$$

$$\text{Mencit 4} \quad = \frac{33 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 1,1 \text{ ml}$$

$$\text{Mencit 5} \quad = \frac{33 \text{ gr}}{30 \text{ gr}} \times 1 \text{ gr} = 1,1 \text{ m}$$

Lampiran 6. Perhitungan Dosis Kontrol Positif (Paracetamol)

Berat mencit (*Mus musculus*) yang sering digunakan untuk penelitian adalah 20 gram - 30 gram.

Perhitungan Kontrol Positif (Paracetamol)

Konversi Dosis Manusia ke Mencit

$$\begin{aligned}\text{Dosis konversi mencit 20 gr} &= \text{dosis manusia} \times \text{faktor konversi} \\ &= 500 \text{ mg} \times 0,0026 \\ &= 1,3 \text{ mg}\end{aligned}$$

$$\begin{aligned}\text{Dosis konversi BB.max 30 gr} &= \frac{\text{Berat mencit maksimal}}{\text{Berat mencit minimal}} \times \text{Dosis konversi 20 gr} \\ &= \frac{30 \text{ gram}}{20 \text{ gram}} \times 1,3 \text{ mg} \\ &= 1,95 \text{ mg}\end{aligned}$$

$$\begin{aligned}\text{Larutan stok 10 ml} &= \frac{\text{vol.larutan}}{\text{vol.oral max mencit}} \times \text{Dosis konversi BB.max} \\ &= \frac{10 \text{ ml}}{1 \text{ ml}} \times 1,95 \text{ mg} \\ &= 19,5 \text{ mg}\end{aligned}$$

$$\text{Volume pemberian} = \frac{\text{Dosis konversi BB.max}}{\text{berat } \sigma \text{ stok}} \times \frac{\text{BB mencit}}{30 \text{ gr}}$$

$$\text{Mencit 1} = \frac{1,95 \text{ mg}}{19,5 \text{ mg}} \times \frac{26 \text{ gr}}{30 \text{ gr}} = 0,1 \times 0,8 = 0,08 \text{ ml}$$

$$\text{Mencit 2} = \frac{1,95 \text{ mg}}{19,5 \text{ mg}} \times \frac{26 \text{ gr}}{30 \text{ gr}} = 0,1 \times 0,8 = 0,08 \text{ ml}$$

$$\text{Mencit 3} = \frac{1,95 \text{ mg}}{19,5 \text{ mg}} \times \frac{24 \text{ gr}}{30 \text{ gr}} = 0,1 \times 0,8 = 0,08 \text{ ml}$$

$$\text{Mencit 4} = \frac{1,95 \text{ mg}}{19,5 \text{ mg}} \times \frac{26 \text{ gr}}{30 \text{ gr}} = 0,1 \times 0,8 = 0,08 \text{ ml}$$

$$\text{Mencit 5} = \frac{1,95 \text{ mg}}{19,5 \text{ mg}} \times \frac{26 \text{ gr}}{30 \text{ gr}} = 0,1 \times 0,8 = 0,08 \text{ ml}$$

Lampiran 7. Perhitungan Kontrol Negatif (Na CMC 1%)

Pemuatan CMC natrium 1% = 0,5 gram/100 ml

Volume pemberian

$$\text{Mencit 1} = \frac{0,5 \text{ gram}}{100 \text{ ml}} \times 25 \text{ g} = 0,1 \text{ ml}$$

$$\text{Mencit 2} = \frac{0,5 \text{ gram}}{100 \text{ ml}} \times 25 \text{ g} = 0,1 \text{ ml}$$

$$\text{Mencit 3} = \frac{0,5 \text{ gram}}{100 \text{ ml}} \times 25 \text{ g} = 0,1 \text{ ml}$$

$$\text{Mencit 4} = \frac{0,5 \text{ gram}}{100 \text{ ml}} \times 25 \text{ g} = 0,1 \text{ ml}$$

$$\text{Mencit 5} = \frac{0,5 \text{ gram}}{100 \text{ ml}} \times 24 \text{ g} = 0,1 \text{ ml}$$

Lampiran 8. Perhitungan ekstrak daun karet kebo dosis 1 (100 mg/BB mencit)

Dosis 100 mg/Kg BB mencit

$$\text{Untuk mencit 30 gr} = \frac{30 \text{ gr}}{1000 \text{ gr}} \times 100 \text{ mg} = 3 \text{ mg}$$

$$\text{Larutan stok 10 ml} = \frac{3 \text{ mg}}{0,5 \times 1 \text{ ml}} = 6 \text{ mg}$$

$$\text{Pembuatan suspensi} = 6 \text{ mg} \times 10 \text{ ml} = 60 \text{ mg}$$

Volume Pemberian

$$\text{Mencit 1} = \frac{27 \text{ gr}}{30 \text{ gr}} \times 3 \text{ mg} = 2,7 \text{ mg} \quad V_p = \frac{2,7 \text{ mg}}{60 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 2} = \frac{23 \text{ gr}}{30 \text{ gr}} \times 3 \text{ mg} = 2,3 \text{ mg} \quad V_p = \frac{2,3 \text{ mg}}{60 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 3} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 3 \text{ mg} = 2,6 \text{ mg} \quad V_p = \frac{2,6 \text{ mg}}{60 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 4} = \frac{26 \text{ gr}}{30 \text{ gr}} \times 3 \text{ mg} = 2,6 \text{ mg} \quad V_p = \frac{2,6 \text{ mg}}{60 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 5} = \frac{27 \text{ gr}}{30 \text{ gr}} \times 3 \text{ mg} = 2,7 \text{ mg} \quad V_p = \frac{2,7 \text{ mg}}{60 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

Lampiran 9. Perhitungan ekstrak daun karet kebo dosis 2 (200 mg/BB mencit)

Dosis 200 mg/Kg BB mencit

$$\text{Untuk mencit 30 gr} = \frac{30 \text{ gr}}{1000 \text{ gr}} \times 200 \text{ mg} = 6 \text{ mg}$$

$$\text{Larutan stok 10 ml} = \frac{6 \text{ mg}}{0,5 \times 1 \text{ ml}} = 12 \text{ mg}$$

$$\text{Pembuatan suspensi} = 12 \text{ mg} \times 10 \text{ ml} = 120 \text{ mg}$$

Volume Pemberian

$$\text{Mencit 1} = \frac{28 \text{ gr}}{30 \text{ gr}} \times 6 \text{ mg} = 5,6 \text{ mg} \quad V_p = \frac{5,6 \text{ mg}}{120 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 2} = \frac{28 \text{ gr}}{30 \text{ gr}} \times 6 \text{ mg} = 5,6 \text{ mg} \quad V_p = \frac{5,6 \text{ mg}}{120 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 3} = \frac{29 \text{ gr}}{30 \text{ gr}} \times 6 \text{ mg} = 5,8 \text{ mg} \quad V_p = \frac{5,8 \text{ mg}}{120 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 4} = \frac{29 \text{ gr}}{30 \text{ gr}} \times 6 \text{ mg} = 5,8 \text{ mg} \quad V_p = \frac{5,8 \text{ mg}}{120 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 5} = \frac{28 \text{ gr}}{30 \text{ gr}} \times 6 \text{ mg} = 5,6 \text{ mg} \quad V_p = \frac{5,6 \text{ mg}}{120 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

Lampiran 10. Perhitungan ekstrak daun karet kebo dosis 3 (400 mg/BB)

Dosis 400 mg/Kg BB mencit

$$\text{Untuk mencit 30 gr} = \frac{30 \text{ gr}}{1000 \text{ gr}} \times 400 \text{ mg} = 12 \text{ mg}$$

$$\text{Larutan stok 10 ml} = \frac{12 \text{ mg}}{0,5 \times 1 \text{ ml}} = 24 \text{ mg}$$

$$\text{Pembuatan suspensi} = 24 \text{ mg} \times 10 \text{ ml} = 240 \text{ mg}$$

Volume Pemberian

$$\text{Mencit 1} = \frac{30 \text{ gr}}{30 \text{ gr}} \times 12 \text{ mg} = 12 \text{ mg} \quad V_p = \frac{12 \text{ mg}}{240 \text{ mg}} \times 10 \text{ ml} = 0,5 \text{ ml}$$

$$\text{Mencit 2} = \frac{30 \text{ gr}}{30 \text{ gr}} \times 12 \text{ mg} = 12 \text{ mg} \quad V_p = \frac{12 \text{ mg}}{240 \text{ mg}} \times 10 \text{ ml} = 0,5 \text{ ml}$$

$$\text{Mencit 3} = \frac{29 \text{ gr}}{30 \text{ gr}} \times 12 \text{ mg} = 11,6 \text{ mg} \quad V_p = \frac{11,6 \text{ mg}}{240 \text{ mg}} \times 10 \text{ ml} = 0,4 \text{ ml}$$

$$\text{Mencit 4} = \frac{33 \text{ gr}}{30 \text{ gr}} \times 12 \text{ mg} = 13,2 \text{ mg} \quad V_p = \frac{13,2 \text{ mg}}{240 \text{ mg}} \times 10 \text{ ml} = 0,5 \text{ ml}$$

$$\text{Mencit 5} = \frac{33 \text{ gr}}{30 \text{ gr}} \times 12 \text{ mg} = 13,2 \text{ mg} \quad V_p = \frac{13,2 \text{ mg}}{240 \text{ mg}} \times 10 \text{ ml} = 0,5 \text{ ml}$$

Lampiran 11. Perhitungan % Penurunan Suhu Rektal Mencit

Kontrol Negatif (Na CMC 1%)

$$\begin{aligned}\text{Mencit 1} &= \frac{38,5-38,48}{38,5-36,4} \times 100\% \\ &= \frac{0,02}{2,1} \times 100\% \\ &= 0,95\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 2} &= \frac{38,0-37,9}{38,0-35,8} \times 100\% \\ &= \frac{0,1}{2,2} \times 100\% \\ &= 4,45\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 3} &= \frac{38,3-37,95}{38,3-36,5} \times 100\% \\ &= \frac{0,35}{1,8} \times 100\% \\ &= 19,4\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 4} &= \frac{38,4-37,81}{38,4-36,6} \times 100\% \\ &= \frac{0,59}{1,8} \times 100\% \\ &= 32,7\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 5} &= \frac{38,1-37,73}{38,1-35,9} \times 100\% \\ &= \frac{0,37}{2,2} \times 100\% \\ &= 16,8\%\end{aligned}$$

Kontrol Positif (Paracetamol)

$$\begin{aligned}\text{Mencit 1} &= \frac{38,6-36,56}{38,6-36,9} \times 100\% \\ &= \frac{2,04}{1,7} \times 100\% \\ &= 120\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 2} &= \frac{38,7-36,68}{38,7-37,1} \times 100\% \\ &= \frac{2,02}{1,6} \times 100\% \\ &= 126,25\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 3} &= \frac{38,4-36,43}{38,4-36,7} \times 100\% \\ &= \frac{1,97}{1,7} \times 100\% \\ &= 115,88\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 4} &= \frac{38,4-36,43}{38,4-36,7} \times 100\% \\ &= \frac{1,97}{1,7} \times 100\% \\ &= 115,88\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 5} &= \frac{38,4-36,43}{38,4-36,7} \times 100\% \\ &= \frac{1,97}{1,7} \times 100\% \\ &= 115,88\%\end{aligned}$$

Dosis I (100 mg/kgBB)

$$\begin{aligned}\text{Mencit 1} &= \frac{38,3-38,13}{38,3-35,7} \times 100\% \\ &= \frac{0,17}{2,6} \times 100\% \\ &= 6,53\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 2} &= \frac{38,7-37,18}{38,7-37,4} \times 100\% \\ &= \frac{1,52}{1,3} \times 100\% \\ &= 116,92\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 3} &= \frac{38,4-37,96}{38,4-36,8} \times 100\% \\ &= \frac{0,44}{1,6} \times 100\% \\ &= 27,5\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 4} &= \frac{38,6-38,01}{38,6-36,2} \times 100\% \\ &= \frac{0,59}{2,4} \times 100\% \\ &= 24,58\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 1} &= \frac{38,5-38,15}{38,5-36,5} \times 100\% \\ &= \frac{0,35}{2} \times 100\% \\ &= 17,5\%\end{aligned}$$

Dosis II (200 mg/kgBB)

$$\begin{aligned}\text{Mencit 1} &= \frac{38,6-37,46}{38,6-36,8} \times 100\% \\ &= \frac{1,14}{1,8} \times 100\% \\ &= 63,33\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 2} &= \frac{38,3-37,23}{38,3-37,3} \times 100\% \\ &= \frac{1,07}{1} \times 100\% \\ &= 107\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 3} &= \frac{38,7-37,56}{38,7-36,9} \times 100\% \\ &= \frac{1,14}{1,8} \times 100\% \\ &= 63,33\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 4} &= \frac{38,5-37,65}{38,5-36,7} \times 100\% \\ &= \frac{0,85}{1,8} \times 100\% \\ &= 47,22\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 5} &= \frac{38,4-37,26}{38,4-37,5} \times 100\% \\ &= \frac{1,14}{0,9} \times 100\% \\ &= 126,66\%\end{aligned}$$

Dosis III (400 mg/kgBB)

$$\begin{aligned}\text{Mencit 1} &= \frac{38,6-36,7}{38,6-36,8} \times 100\% \\ &= \frac{1,9}{1,8} \times 100\% \\ &= 104,55\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 2} &= \frac{38,7-36,8}{38,7-37,0} \times 100\% \\ &= \frac{1,9}{1,7} \times 100\% \\ &= 111,76\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 3} &= \frac{38,4-36,58}{38,4-36,7} \times 100\% \\ &= \frac{1,82}{1,7} \times 100\% \\ &= 107,05\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 4} &= \frac{38,5-36,68}{38,5-36,9} \times 100\% \\ &= \frac{1,82}{1,6} \times 100\% \\ &= 113,75\%\end{aligned}$$

$$\begin{aligned}\text{Mencit 5} &= \frac{38,3-36,48}{38,3-36,6} \times 100\% \\ &= \frac{1,82}{1,7} \times 100\% \\ &= 107,05\%\end{aligned}$$

Lampiran 12. Uji Normalitas

Tests of Normality							
		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Konsentrasi	Statistic	df	Sig.	Statistic	df	Sig.
mencit	Kontrol negatif	.194	5	.200*	.947	5	.719
	Kontrol positif	.338	5	.063	.754	5	.032
	Dosis 100 mg/kgBB	.399	5	.009	.724	5	.017
	Dosis 200 mg/kgBB	.306	5	.143	.887	5	.340
	Dosis 400 mg/kgBB	.313	5	.123	.873	5	.280

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 13. Uji Homogenitas

Tests of Homogeneity of Variances					
		Levene Statistic	df1	df2	Sig.
Mencit	Based on Mean	4.980	4	20	.006
	Based on Median	1.267	4	20	.316
	Based on Median and with adjusted df	1.267	4	7.836	.360
	Based on trimmed mean	4.063	4	20	.014

Lampiran 14. Kruskal-Wallis

Ranks			
	Konsentrasi	N	Mean Rank
mencit	Kontrol negatif	5	4.40
	Kontrol positif	5	21.40
	Dosis 100 mg/kgBB	5	9.00
	Dosis 200 mg/kgBB	5	14.40
	Dosis 400 mg/kgBB	5	15.80
	Total	25	

Test Statistics^{a,b}

Penurunan suhu	
Kruskal-Wallis H	15.758
df	4
Asymp. Sig.	.003

a. Kruskal Wallis Test

b. Grouping Variable:
Konsentrasi

Lampiran 15. Uji LSD

Multiple Comparisons

Dependent Variable: Mencit

LSD

(I) Konsentrasi	(J) Konsentrasi	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol Negatif	Kontrol Positif	-103.9000*	16.26494	<.001	-137.8281	-69.9719
	Dosis 100 mg/kg BB	-23.72800	16.26494	.160	-57.6561	10.2001
	Dosis 200 mg/kg BB	-66.63000*	16.26494	<.001	-100.5581	-32.7019
	Dosis 400 mg/kg BB	-94.15400*	16.26494	<.001	-128.0821	-60.2259
Kontrol Positif	Kontrol Negatif	103.9000*	16.26494	<.001	69.9719	137.8281
	Dosis 100 mg/kg BB	80.17200*	16.26494	<.001	46.2439	114.1001
	Dosis 200 mg/kg BB	37.27000*	16.26494	.033	3.3419	71.1981
	Dosis 400 mg/kg BB	9.74600	16.26494	.556	-24.1821	43.6741
Dosis 100 mg/kg BB	Kontrol Negatif	23.72800	16.26494	.160	-10.2001	57.6561
	Kontrol Positif	-80.17200*	16.26494	<.001	-114.1001	-46.2439
	Dosis 200 mg/kg BB	-42.90200*	16.26494	.016	-76.8301	-8.9739
	Dosis 400 mg/kg BB	-70.42600*	16.26494	<.001	-104.3541	-36.4979
Dosis 200 mg/kg BB	Kontrol Negatif	66.63000*	16.26494	<.001	32.7019	100.5581
	Kontrol Positif	-37.27000*	16.26494	.033	-71.1981	-3.3419
	Dosis 100 mg/kg BB	42.90200*	16.26494	.016	8.9739	76.8301
	Dosis 400 mg/kg BB	-27.52400	16.26494	.106	-61.4521	6.4041
Dosis 400 mg/kg BB	Kontrol Negatif	94.15400*	16.26494	<.001	60.2259	128.0821
	Kontrol Positif	-9.74600	16.26494	.556	-43.6741	24.1821
	Dosis 100 mg/kg BB	70.42600*	16.26494	<.001	36.4979	104.3541
	Dosis 200 mg/kg BB	27.52400	16.26494	.106	-6.4041	61.4521

*. The mean difference is significant at the 0.05 level.

Lampiran 16. Dokumentasi Selama Penelitian

A. Pengambilan Sampel (Daun Karet Kebo) dan Pembuatan Simplisia

Gambar	Keterangan
	Pengambilan sampel daun karet kebo di Desa Bukit Harapan, Kecamatan Bua, Kabupaten Luwu
	Sortasi kering

	Proses Pencucian sampel di air mengalir
	Proses Perajangan
	Proses Pengeringan
	Proses penghalusan daun menjadi serbuk simplisia

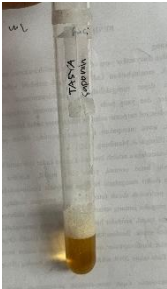
B. Maserasi

Gambar	Keterangan
	Simplisia ditimbang sebanyak 200 gram

	Proses maserasi selama 3 hari
	Proses penyaringan
	Proses rotary evaporator
	Hasil rotary evaporator

	Ekstrak kental yang dihasilkan
---	--------------------------------

C. Skrining Fitokimia

Gambar	Keterangan
	Flavonoid
	Saponin
	Alkaloid (Perekasi Bouchardat)

	Alkaloid (Pereaksi Dragendorf)
	Alkaloid (Pereaksi Mayer)
	Triterpenoid
	Tanin

D. Penimbangan Bahan Peginduksi (Pepton 5%), Na-CMC, Paracetamol dan Ekstrak 100 mg/kgBB, 200 mg/kgBB, 400 mg/kgBB

Gambar	Keterangan
	Pepton 5%
	Na - CMC
	Paracetamol
	Dosis 100 mg/kgBB
	Dosis 200 mg/kgBB

	Dosis 400 mg/kgBB
---	--------------------------

E. Uji Efektifitas Antipiretik

Gambar	Keterangan
	Penginduksian Pepton 5% Secara Injeksi
	Pemberian Kontrol negatife, kontrol positif, Dosis I, Dosis II dan Dosis III
	Pengukuran suhu rektal mencit sebelum diinduksi pepton 5% pada mencit 1 kelompok perlakuan kontrol (-)
	Pengukuran suhu rektal mencit setelah diinduksikan ekstrak dosis 400 mg/kgBB mencit secara oral pada mencit 5 menit ke-180

Lampiran 17. Surat Keterangan Penggunaan Laboratorium



MAJELIS PENDIDIKAN TINGGI, PENELITIAN, DAN PENGEMBANGAN
UNIVERSITAS MUHAMMADIYAH PALOPO
FAKULTAS ILMU KESEHATAN
PROGRAM STUDI FARMASI
LABORATORIUM FARMASI

Kampus: Jl. Jenderal Sudirman Km. 3 Binturu Kota Palopo
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SURAT KETERANGAN

NOMOR: 012KET/III.3.AU/LAB-FARM/F/2024

Yang bertanda tangan dibawah ini :

Nama : apt. Waode Suiyarti., S.Si., M.Si

Jabatan : Ketua Program Studi Farmasi

Menerangkan dengan sesungguhnya bahwa :

Nama : Dian Natasya

Nim : 221320113

Judul : UJI EFEKTIVITAS ANTIPIRETIK EKSTRAK ETANOL
 DAUN KARET KEBO (FICUS ELASTICA
 ROXB.EXHORNEM) TERHADAP HEWAN UJI COBA
 MENCIT (Mus Musculus)

Jurusan/Prodi : Farmasi (S1)

Perguruan Tinggi : Universitas Muhammadiyah Palopo

Telah menyelesaikan segala kewajiban terkait dengan peminjaman/penggunaan fasilitas Laboratorium selama yang bersangkutan melaksanakan kegiatan penelitian di lingkup laboratorium Farmasi Universitas Muhammadiyah Palopo, sehingga diberikan Surat Keterangan bebas Laboratorium ini.

Demikian Surat Keterangan ini diberikan untuk dipergunakan sebagaimana mestinya.

Palopo, 03 juni 2026

Ketua Program Studi Farmasi



apt. Waode Suiyarti., S.Si., M.Si
 NIDN. 0904108703

BIODATA PENULIS

A. Data Pribadi

1. Nama Lengkap : Dian Natasya
2. Tempat Tanggal Lahir : Karang-Karangan, 04 Desember 2004
3. Jenis Kelamin : Perempuan
4. Agama : Islam
5. Alamat : Pasampang, Desa Bukit Harapan, Kec. Bua, Kab. Luwu
6. Pekerjaan : Pelajar (Mahasiswa)
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B. Riwayat Pendidikan

1. SDN 250 Karang-Karangan (2010-2016)
2. SMP Pesantren Modern Datok Sulaiman Palopo (2016-2019)
3. SMA Pesantren Modern Datok Sulaiman Palopo (2019-2022)
4. Universitas Muhammadiyah Palopo (2022-2026)

Palopo, 5 Agustus 2026

Dian Natasya