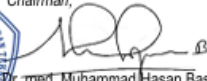


LAMPIRAN

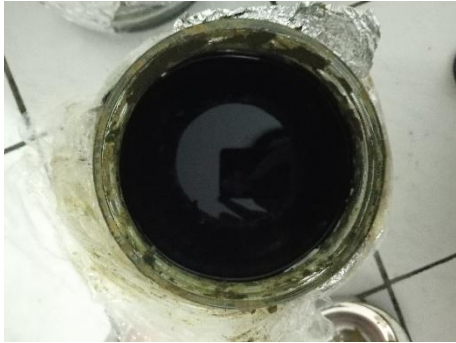
Lampiran 1. Surat Komite Etik Penelitian

	KEMENTERIAN PENDIDIKAN TINGGI, SAINS, DAN TEKNOLOGI UNIVERSITAS PADJADJARAN KOMITE ETIK PENELITIAN Jl. Prof. Eyckman No. 38 Bandung 40161 Telp. & Fax. 022-2038697 email: kep@unpad.ac.id website: kep.unpad.ac.id
No. Reg.: 2502020153	
<u>PERSETUJUAN ETIK</u> <i>ETHICAL APPROVAL</i>	
Nomor: 426/UN6.KEP/EC/2025	
Komite Etik Penelitian Universitas Padjadjaran Bandung, telah mengkaji dengan teliti proposal penelitian yang menggunakan subjek Hewan Coba dalam penelitian yang berjudul: <i>The Research Ethics Committee Universitas Padjadjaran Bandung, has been thoroughly reviewed proposal for research with animal subjects in research entitled:</i> "PENGARUH PEMBERIAN EKSTRAK ETANOL DAUN DADAP SEREP (<i>ERYTHRINA SUBUMBRANS</i> (HASSK.) MERR), DAUN PEGAGAN (<i>CENTELLA ASIATICA</i> (L) URB) DAN RIMPANG KUNYIT (<i>CURCUMA DOMESTICA</i> VAL) PADA TIKUS OBES"	
Nama Peneliti Utama <i>Principal Researcher</i> Pembimbing/Peneliti Lain <i>Supervisor/Other Researcher</i> Nama Institusi <i>Institution</i>	: Naida Kasihtheisya : Dr. Apt. Marita Kaniawati, M.Si Dr. Apt. Agus Sulaeman, M.Si : Program Sarjana Program Studi Farmasi Fakultas Farmasi Universitas Bhakti Kencana Bandung
proposai tersebut dapat disetujui pelaksanaannya. <i>hereby declare that the proposal is approved.</i>	
	Ditetapkan di : Bandung <i>Issued in</i> Tanggal : 13-05-2025 <i>Date</i> Ketua, <i>Chairman,</i>  Dr. med. Muhammad Hasan Bashari, dr., M.Kes NIP. 19821112 200912 1 003
Keterangan/notes: Persetujuan etik ini berlaku selama satu tahun sejak tanggal ditetapkan. This ethical clearance is effective for one year from the due date. Pada akhir penelitian, laporan pelaksanaan penelitian harus diserahkan ke Komite Etik Penelitian. In the end of the research, progress and final summary report should be submitted to the Research Ethics Committee. Jika ada perubahan atau penyimpangan protokol dan/atau perpanjangan penelitian, harus mengajukan kembali permohonan kajian etik penelitian. If there be any protocol modification or deviation and/or extension of the study, the Principal Investigator is required to resubmit the protocol for approval. Jika ada kejadian serius yang tidak diinginkan (KTD) harus segera dilaporkan ke Komite Etik Penelitian. If there are Serious Adverse Events (SAE) should be immediately reported to the Research Ethics Committee	

Lampiran 2. Surat Determinasi Tanaman

HERBARIUM JATINANGOR LABORATORIUM TAKSONOMI TUMBUHAN JURUSAN BIOLOGI FMIPA UNPAD Gedung D2-212, Jl. Raya Bandung Sumedang Km 21 Jatinangor Telp. 022-7796412, email: phanerogamae@yahoo.com	
LEMBAR IDENTIFIKASI TUMBUHAN No.33/HB/01/2025	
Herbarium Jatinangor, Laboratorium Taksonomi Tumbuhan, Jurusan Biologi FMIPA UNPAD, dengan ini menerangkan bahwa:	
Nama	: Adrian Fathur Rochman
NIM/NIDN	: 211FF03043
Instansi	: Universitas Bhakti Kencana.
Lokasi	: Bandung.
Telah melakukan identifikasi tumbuhan, dengan No. Koleksi: - Tanggal Koleksi : 17 Januari 2025.	
Hasil Identifikasi	
Nama Ilmiah	: <i>Erythrina subumbrans</i> [Hassk.] Merr.
Sinonim	: <i>Erythrina lithosperma</i> Miq. Non Bl.
Nama Lokal	: Daun dadap serep
Suku/Famili	: Leguminosae
Klasifikasi (Hirarki Taksonomi)	
Kingdom	Plantae
Divisi	Magnoliophyta
Class	Magnoliopsida
Ordo	Fabales
Famili	Leguminosae
Genus	<i>Erythrina</i>
Species	<i>Erythrina subumbrans</i> [Hassk.] Merr.
Referensi: Backer, C. A. and Bakhuizen v/d Brink R. C Jr. 1963. <i>Flora of Java</i> . Wolter-Noordhoff NV. Groningen. Cronquist, Arthur. 1981. <i>An Integrated System of Classification of Flowering Plants</i> . Columbia University Press. New York The Plant List. <i>Website DuniaTumbuhan</i> . http://www.theplantlist.org/tpl1.1/record/kew-158489 .	
Jatinangor, 18 Januari 2025.	
Identifikator, LABORATORIUM TAKSONOMI TUMBUHAN JURUSAN BIOLOGI FMIPA-UNPAD Drs. Joko Kusmoro, M.P. NIP. 19600801 199101 1 001	

Lampiran 3. Penyiapan dan Pembuatan Ekstrak

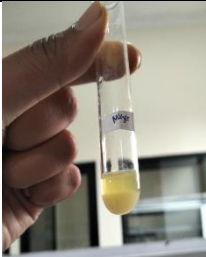
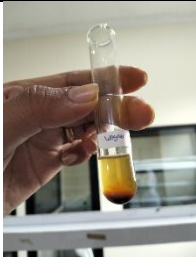
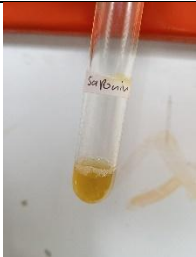
Gambar	Keterangan
	Penghalusan simplisia dengan menggunakan alat grinder
	Maserasi
	Evaporasi

Gambar	Keterangan
	Pembuatan larutan CMC
	Penimbangan dan pembuatan ekstrak
	Larutan stok

Lampiran 4. Dokumentasi Penelitian

1. Skrining simplisia serbuk dan ekstrak

Dadap Serep

Serbuk			
			
Mayer (+)	Wagner (+)	Dragendorf (+)	Flavonoid (+)
			
Tanin (+)	Saponin (+)	Steroid (+)	Terpenoid (-)
Ekstrak			
			
Mayer (+)	Wagner (+)	Dragendorf (+)	Flavonoid (+)
			
Tanin (+)	Saponin (+)	Steroid (+)	Terpenoid (-)

2. Karakterisasi
Dadap Serep

		
Susut Pengeringan	Kadar Sari Larut Air	Kadar Sari Larut Etanol
		
Kadar Abu Total	Kadar Abu Tidak Larut Asam	

Lampiran 5. Dokumentasi Hewan Uji

Perlakuan Hewan Uji			
			
Pemberian makan	Pemberian minum	Induksi hewan uji (Oral)	Pengambilan darah melalui mata

Pengujian KTTI	
	
Pengukuran kadar glukosa darah	Induksi insulin pada Tikus secara IP

Lampiran 6. Perhitungan

Karakteristik Dadap Serep

1. Kadar Sari Larut Air

$$\text{Sari larut air} = \frac{56,05 \text{ gram} - 55,85 \text{ gram}}{5 \text{ gram}} \times \frac{100 \text{ mL}}{20 \text{ mL}} \times 100\% = 20,0\%$$

2. Kadar Sari Larut Etanol

$$\text{Sari larut etanol} = \frac{77,64 \text{ gram} - 77,51 \text{ gram}}{5 \text{ gram}} \times \frac{100 \text{ mL}}{20 \text{ mL}} \times 100\% = 13,0\%$$

3. Kadar Abu Total

$$\text{Kadar abu total} = \frac{73,77 \text{ gram} - 73,65 \text{ gram}}{2 \text{ gram}} \times 100\% = 6,0\%$$

4. Kadar Abu Tidak Larut Asam

$$\text{Kadar abu tidak larut asam} = \frac{73,66 \text{ gram} - 73,65 \text{ gram}}{2 \text{ gram}} \times 100\% = 0,5\%$$

Perhitungan Larutan dan Dosis

- Perhitungan larutan Na-CMC 0,5%

$$= 0,5 \text{ gram}/100 \text{ mL}$$

- Perhitungan Kurkumin

$$\text{Dosis} : 100 \text{ mg/Kg BB}$$

$$\text{Konversi} : 100 \text{ mg} \times 0,018 = 1,8 \text{ mg}/200 \text{ gram BB}$$

$$\text{Volume pemberian} : \frac{1,8 \text{ mg}}{100 \text{ mg}} \times 140 \text{ ml} = 2,5 \frac{\text{ml}}{200} \text{ gram BB}$$

- Perhitungan dosis Insulin

$$\text{Dosis} : 0,1 \mu\text{g/Kg BB}$$

Dosis tikus : $\frac{200 \text{ g}}{1000 \text{ g}} \times 0,1 \mu = 0,22 \mu / 200 \text{ gram BB tikus}$

Pengenceran : 1 mL insulin mengandung 100 μ
 : 0,1 mL insulin dilarutkan dalam 100 mL NaCL
 : $(10 \mu / 100 \text{ mL}) = 1 \mu / 10 \text{ Ml}$

Untuk tikus 200 gram : $\frac{0,02 \mu}{1 \mu} \times 10 = 0,2 \text{ mL} / 200 \text{ gram BB tikus}$

➤ Ekstrak Dadap Serep

Dosis : 100 mg/Kg BB

BB Tikus Standar : 200 g (0,2kg)

Volume yang diberikan : 2,5 ml/200 gram BB

- Jumlah ekstrak yang dibutuhkan : $100 \text{ mg/Kg BB} \times 0,2 \text{ kg} = 20 \text{ mg}$
- Pembuatan larutan stok : $\frac{20 \text{ mg}}{2,5 \text{ ml}} = 8 \text{ mg/ml} \times 50 \text{ ml}$
 $= 400 \text{ mg} / 50 \text{ ml}$

Dosis : 200 mg/Kg BB

BB Tikus Standar : 200 g (0,2kg)

Volume yang diberikan : 2,5 ml/200 gram BB

- Jumlah ekstrak yang dibutuhkan : $200 \text{ mg/Kg BB} \times 0,2 \text{ kg} = 40 \text{ mg}$
- Pembuatan larutan stok : $\frac{40 \text{ mg}}{2,5 \text{ ml}} = 16 \text{ mg/ml} \times 50 \text{ ml}$
 $= 800 \text{ mg} / 50 \text{ ml}$

Dosis : 400 mg/Kg BB

BB Tikus Standar : 200 g (0,2kg)

Volume yang diberikan : 2,5 ml/200 gram BB

- Jumlah ekstrak yang dibutuhkan : $400 \text{ mg/Kg BB} \times 0,2 \text{ kg} = 80 \text{ mg}$
- Pembuatan larutan stok : $\frac{80 \text{ mg}}{2,5 \text{ ml}} = 32 \text{ mg/ml} \times 50 \text{ ml}$
 $= 1600 \text{ mg} / 50 \text{ ml}$

Lampiran 7. Data Hasil KTTI

Kelompok	No	Nilai Slope	Hasil KTTI	Rata-rata	SD
Normal	1	0,1736	3,0137	2,86	0,22
	2	0,1594	2,5408		
	3	0,1716	2,9447		
	4	0,1715	2,9412		
Induksi	1	0,0634	0,4020	0,47	0,24
	2	0,0504	0,2540		
	3	0,0900	0,8100		
	4	0,0636	0,4045		
Kurkumin	1	0,1586	2,5154	2,42	0,34
	2	0,1654	2,7357		
	3	0,1582	2,5027		
	4	0,1391	1,9349		
EDS 100	1	0.1076	1.1578	1,33	0,14
	2	0.1220	1.4884		
	3	0.1167	1.3619		
	4	0.1156	1.3363		
EDS 200	1	0,1007	1,0140	1,41	0,44
	2	0,1402	1,9656		
	3	0,1058	1,1194		
	4	0,1248	1,5575		
EDS 400	1	0.1610	2.5921	2,41	0,28
	2	0.1587	2.5186		
	3	0.1411	1.9909		
	4	0.1595	2.5440		

Lampiran 8. SPSS KTTI

Tests of Normality							
	kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
kadar_KTTI	normal	.262	4	.	.910	4	.484
	induksi	.356	4	.	.853	4	.235
	kurkumin	.337	4	.	.876	4	.324
	EDS100	.243	4	.	.967	4	.826
	EDS200	.252	4	.	.921	4	.544

ANOVA

kadar_KTTI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	14.751	5	2.950	28.948	.000
Within Groups	1.834	18	.102		
Total	16.585	23			
EDS400	.387	4	.09675	4	.042

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

kadar_KTTI

Levene Statistic	df1	df2	Sig.
1.531	5	18	.230

Post Hoc Tests

Multiple Comparisons

Dependent Variable: kadar_KTTI

Bonferroni

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
normal	induksi	2.21250*	.22573	.000	1.4494	2.9756
	kurkumin	.25250	.22573	1.000	-.5106	1.0156
	EDS100	1.34500*	.22573	.000	.5819	2.1081
	EDS200	1.26750*	.22573	.000	.5044	2.0306
	EDS400	.26500	.22573	1.000	-.4981	1.0281
induksi	normal	-2.21250*	.22573	.000	-2.9756	-1.4494
	kurkumin	-1.96000*	.22573	.000	-2.7231	-1.1969
	EDS100	-.86750*	.22573	.018	-1.6306	-.1044
	EDS200	-.94500*	.22573	.008	-1.7081	-.1819
	EDS400	-1.94750*	.22573	.000	-2.7106	-1.1844
kurkumin	normal	-.25250	.22573	1.000	-1.0156	.5106
	induksi	1.96000*	.22573	.000	1.1969	2.7231
	EDS100	1.09250*	.22573	.002	.3294	1.8556
	EDS200	1.01500*	.22573	.004	.2519	1.7781
	EDS400	.01250	.22573	1.000	-.7506	.7756
EDS100	normal	-1.34500*	.22573	.000	-2.1081	-.5819

EDS200	induksi	.86750*	.22573	.018	.1044	1.6306
	kurkumin	-1.09250*	.22573	.002	-1.8556	-.3294
	EDS200	-.07750	.22573	1.000	-.8406	.6856
	EDS400	-1.08000*	.22573	.002	-1.8431	-.3169
	normal	-1.26750*	.22573	.000	-2.0306	-.5044
	induksi	.94500*	.22573	.008	.1819	1.7081
	kurkumin	-1.01500*	.22573	.004	-1.7781	-.2519
	EDS100	.07750	.22573	1.000	-.6856	.8406
	EDS400	-1.00250*	.22573	.005	-1.7656	-.2394
	normal	-.26500	.22573	1.000	-1.0281	.4981
EDS400	induksi	1.94750*	.22573	.000	1.1844	2.7106
	kurkumin	-.01250	.22573	1.000	-.7756	.7506
	EDS100	1.08000*	.22573	.002	.3169	1.8431
	EDS200	1.00250*	.22573	.005	.2394	1.7656

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

Lampiran 9. SPSS SGOT

Tests of Normality							
	kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
kadar_persen	normal	.276	4	.	.838	4	.190
	induksi	.312	4	.	.857	4	.251
	kurkumin	.327	4	.	.837	4	.186
	EDS100	.187	4	.	.964	4	.806
	EDS200	.301	4	.	.767	4	.055
	EDS400	.181	4	.	.977	4	.887

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

kadar_persen

Levene Statistic	df1	df2	Sig.
6.884	5	18	.001

ANOVA

kadar_persen

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	46.969	5	9.394	.222	.948
Within Groups	762.513	18	42.362		
Total	809.481	23			

Kruskal-Wallis Test

Ranks

	kelompok	N	Mean Rank
kadar_persen	normal	4	14.50
	induksi	4	10.00
	kurkumin	4	12.25
	EDS100	4	12.75
	EDS200	4	13.00
	EDS400	4	12.50
	Total	24	

Test Statistics^{a,b}

	kadar_persen
Chi-Square	.850
df	5
Asymp. Sig.	.974

a. Kruskal Wallis Test

b. Grouping Variable: kelompok

Multiple Comparisons

Dependent Variable: kadar_persen

Bonferroni

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
normal	induksi	3.40500	4.60227	1.000	-12.1523	18.9623
	kurkumin	1.04000	4.60227	1.000	-14.5173	16.5973
	EDS100	.92500	4.60227	1.000	-14.6323	16.4823
	EDS200	-1.23250	4.60227	1.000	-16.7898	14.3248
	EDS400	1.20000	4.60227	1.000	-14.3573	16.7573
induksi	normal	-3.40500	4.60227	1.000	-18.9623	12.1523
	kurkumin	-2.36500	4.60227	1.000	-17.9223	13.1923
	EDS100	-2.48000	4.60227	1.000	-18.0373	13.0773
	EDS200	-4.63750	4.60227	1.000	-20.1948	10.9198
kurkumin	EDS400	-2.20500	4.60227	1.000	-17.7623	13.3523
	normal	-1.04000	4.60227	1.000	-16.5973	14.5173
	induksi	2.36500	4.60227	1.000	-13.1923	17.9223

EDS100	EDS100	-.11500	4.60227	1.000	-15.6723	15.4423
	EDS200	-2.27250	4.60227	1.000	-17.8298	13.2848
	EDS400	.16000	4.60227	1.000	-15.3973	15.7173
	normal	-.92500	4.60227	1.000	-16.4823	14.6323
	induksi	2.48000	4.60227	1.000	-13.0773	18.0373
EDS200	kurkumin	.11500	4.60227	1.000	-15.4423	15.6723
	EDS200	-2.15750	4.60227	1.000	-17.7148	13.3998
	EDS400	.27500	4.60227	1.000	-15.2823	15.8323
	normal	1.23250	4.60227	1.000	-14.3248	16.7898
	induksi	4.63750	4.60227	1.000	-10.9198	20.1948
EDS400	kurkumin	2.27250	4.60227	1.000	-13.2848	17.8298
	EDS100	2.15750	4.60227	1.000	-13.3998	17.7148
	EDS400	2.43250	4.60227	1.000	-13.1248	17.9898
	normal	-1.20000	4.60227	1.000	-16.7573	14.3573
	induksi	2.20500	4.60227	1.000	-13.3523	17.7623
	kurkumin	-.16000	4.60227	1.000	-15.7173	15.3973
	EDS100	-.27500	4.60227	1.000	-15.8323	15.2823
	EDS200	-2.43250	4.60227	1.000	-17.9898	13.1248

Lampiran 10. SPSS SGPT

Tests of Normality							
	kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
kadar_persen	normal	.277	4	.	.879	4	.336
	induksi	.192	4	.	.989	4	.952
	kurkumin	.243	4	.	.888	4	.372
	EDS100	.246	4	.	.965	4	.809
	EDS200	.275	4	.	.878	4	.331
	EDS400	.236	4	.	.937	4	.638

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

kadar_persen

Levene Statistic	df1	df2	Sig.
4.359	5	18	.009

ANOVA

kadar_persen

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3883.415	5	776.683	2.375	.080
Within Groups	5886.059	18	327.003		
Total	9769.474	23			

Kruskal-Wallis Test

Ranks			
	kelompok	N	Mean Rank
kadar_persen	normal	4	9.25
	induksi	4	17.25
	kurkumin	4	18.50
	EDS100	4	13.75
	EDS200	4	11.75
	EDS400	4	4.50
	Total	24	

Test Statistics ^{a,b}	
	kadar_persen
Chi-Square	10.820
df	5
Asymp. Sig.	.055

a. Kruskal Wallis Test

b. Grouping Variable: kelompok

Multiple Comparisons

Dependent Variable: kadar_persen

Bonferroni

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
normal	induksi	-10.75000	12.78878	1.000	-53.9739	32.4739
	kurkumin	-34.61500	12.78878	.216	-77.8389	8.6089
	EDS100	-4.26750	12.78878	1.000	-47.4914	38.9564
	EDS200	-4.85500	12.78878	1.000	-48.0789	38.3689
	EDS400	4.94250	12.78878	1.000	-38.2814	48.1664
induksi	normal	10.75000	12.78878	1.000	-32.4739	53.9739
	kurkumin	-23.86500	12.78878	1.000	-67.0889	19.3589
	EDS100	6.48250	12.78878	1.000	-36.7414	49.7064
	EDS200	5.89500	12.78878	1.000	-37.3289	49.1189
	EDS400	15.69250	12.78878	1.000	-27.5314	58.9164
kurkumin	normal	34.61500	12.78878	.216	-8.6089	77.8389
	induksi	23.86500	12.78878	1.000	-19.3589	67.0889
	EDS100	30.34750	12.78878	.434	-12.8764	73.5714
	EDS200	29.76000	12.78878	.477	-13.4639	72.9839
	EDS400	39.55750	12.78878	.094	-3.6664	82.7814
EDS100	normal	4.26750	12.78878	1.000	-38.9564	47.4914
	induksi	-6.48250	12.78878	1.000	-49.7064	36.7414
	kurkumin	-30.34750	12.78878	.434	-73.5714	12.8764
	EDS200	-.58750	12.78878	1.000	-43.8114	42.6364
	EDS400	9.21000	12.78878	1.000	-34.0139	52.4339
EDS200	normal	4.85500	12.78878	1.000	-38.3689	48.0789
	induksi	-5.89500	12.78878	1.000	-49.1189	37.3289
	kurkumin	-29.76000	12.78878	.477	-72.9839	13.4639
	EDS100	.58750	12.78878	1.000	-42.6364	43.8114
	EDS400	9.79750	12.78878	1.000	-33.4264	53.0214
EDS400	normal	-4.94250	12.78878	1.000	-48.1664	38.2814
	induksi	-15.69250	12.78878	1.000	-58.9164	27.5314
	kurkumin	-39.55750	12.78878	.094	-82.7814	3.6664
	EDS100	-9.21000	12.78878	1.000	-52.4339	34.0139
	EDS200	-9.79750	12.78878	1.000	-53.0214	33.4264

Lampiran 11. SPSS Triglicerida

Tests of Normality							
	Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
kadar_persen	normal	.262	4	.	.832	4	.172
	induksi	.358	4	.	.763	4	.050
	kurkumin	.379	4	.	.772	4	.061
	EDS100	.303	4	.	.791	4	.087
	EDS200	.264	4	.	.837	4	.185
	EDS400	.274	4	.	.856	4	.245

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

kadar_persen

Levene Statistic	df1	df2	Sig.
3.028	5	18	.037

ANOVA

kadar_persen

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4062.798	5	812.560	4.946	.005
Within Groups	2957.035	18	164.280		
Total	7019.832	23			

Kruskal-Wallis Test

Ranks

	Kelompok	N	Mean Rank
kadar_persen	normal	4	13.00
	induksi	4	2.50
	kurkumin	4	9.25
	EDS100	4	14.50
	EDS200	4	19.25
	EDS400	4	16.50
	Total	24	

Test Statistics^{a,b}

	kadar_persen
Chi-Square	14.110
df	5
Asymp. Sig.	.015

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

Multiple Comparisons

Dependent Variable: kadar_persen

Bonferroni

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
normal	induksi	29.97500	9.06310	.059	-.6616	60.6116
	kurkumin	4.12250	9.06310	1.000	-26.5141	34.7591
	EDS100	-1.30500	9.06310	1.000	-31.9416	29.3316
	EDS200	-10.28250	9.06310	1.000	-40.9191	20.3541
	EDS400	-6.12500	9.06310	1.000	-36.7616	24.5116
induksi	normal	-29.97500	9.06310	.059	-60.6116	.6616
	kurkumin	-25.85250	9.06310	.159	-56.4891	4.7841
	EDS100	-31.28000*	9.06310	.043	-61.9166	-.6434
	EDS200	-40.25750*	9.06310	.005	-70.8941	-9.6209
	EDS400	-36.10000*	9.06310	.013	-66.7366	-5.4634
kurkumin	normal	-4.12250	9.06310	1.000	-34.7591	26.5141
	induksi	25.85250	9.06310	.159	-4.7841	56.4891
	EDS100	-5.42750	9.06310	1.000	-36.0641	25.2091
	EDS200	-14.40500	9.06310	1.000	-45.0416	16.2316
	EDS400	-10.24750	9.06310	1.000	-40.8841	20.3891
EDS100	normal	1.30500	9.06310	1.000	-29.3316	31.9416
	induksi	31.28000*	9.06310	.043	.6434	61.9166
	kurkumin	5.42750	9.06310	1.000	-25.2091	36.0641
	EDS200	-8.97750	9.06310	1.000	-39.6141	21.6591
	EDS400	-4.82000	9.06310	1.000	-35.4566	25.8166
EDS200	normal	10.28250	9.06310	1.000	-20.3541	40.9191
	induksi	40.25750*	9.06310	.005	9.6209	70.8941
	kurkumin	14.40500	9.06310	1.000	-16.2316	45.0416
	EDS100	8.97750	9.06310	1.000	-21.6591	39.6141
	EDS400	4.15750	9.06310	1.000	-26.4791	34.7941
EDS400	normal	6.12500	9.06310	1.000	-24.5116	36.7616
	induksi	36.10000*	9.06310	.013	5.4634	66.7366
	kurkumin	10.24750	9.06310	1.000	-20.3891	40.8841
	EDS100	4.82000	9.06310	1.000	-25.8166	35.4566
	EDS200	-4.15750	9.06310	1.000	-34.7941	26.4791

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

Lampiran 12. Kartu Bimbingan Sevima

NIM	211FF03136	Nama Mahasiswa	NURUL AISYAH
Program Studi	S1 Farmasi	Jenis TA	Skripsi
Periode Mulai	2024 Ganjil	SKS Lulus	149 SKS
Tgl. Mulai	4 Maret 2025	Judul Tugas Akhir	Uji Aktivitas Daun Dadap Serep (Erythrina subumbrans) untuk Non Alcohol Fatty Liver Disease terhadap tikus obesitas
Tahap	Seminar Kolokium/ Hasil Penelitian (Ujian)	Status	Selesai

No	Tanggal	Dosen Pembimbing	Topik	Disetujui	Aksi
1	2 Mei 2025	Dr. apt. Patonah, M.Si	Presentasi kemajuan 1	✓	 
1	6 Februari 2025	Dr. apt. MARITA KANIAWATI, M.Si	menghitung dosis	✓	 
2	19 Maret 2025	Dr. apt. MARITA KANIAWATI, M.Si	laporan data bb tikus sementara	✓	 
2	13 Juni 2025	Dr. apt. Patonah, M.Si	kemajuan 2	✓	 
3	28 Maret 2025	Dr. apt. MARITA KANIAWATI, M.Si	laporan %bb tikus per 10 hari	✓	 
3	25 Juni 2025	Dr. apt. Patonah, M.Si	Bimbingan skripsi, update data hasil bab 4	✓	 
4	2 Juli 2025	Dr. apt. Patonah, M.Si	Bimbingan bab 4	✓	 
4	16 April 2025	Dr. apt. MARITA KANIAWATI, M.Si	laporan progres pengerjaan	✓	 
5	2 Mei 2025	Dr. apt. MARITA KANIAWATI, M.Si	Presentasi laporan kemajuan 1	✓	 
5	7 Juli 2025	Dr. apt. Patonah, M.Si	Revisi hasil	✓	 
6	16 Mei 2025	Dr. apt. MARITA KANIAWATI, M.Si	Membahas pengiriman histotologi dan pemeriksaan biomarker	✓	 
6	10 Juli 2025	Dr. apt. Patonah, M.Si	Upload hasil spss	✓	 
7	9 Juli 2025	Dr. apt. Patonah, M.Si	Bimbingan online	✓	 
7	24 Mei 2025	Dr. apt. MARITA KANIAWATI, M.Si	Bimbingan skripsi, update sisa sampel	✓	 
8	5 Juni 2025	Dr. apt. MARITA KANIAWATI, M.Si	Presentasi laporan kemajuan 2	✓	 
8	11 Juli 2025	Dr. apt. Patonah, M.Si	Membahas hasil statistik parameter	✓	 
9	25 Juni 2025	Dr. apt. MARITA KANIAWATI, M.Si	Bimbingan skripsi update data hasil bab 4	✓	 

Lampiran 13. Hasil Cek Plagiarisme

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Lampiran 14. Daftar Riwayat Hidup Penulis**DAFTAR RIWAYAT HIDUP**

Nama : Nurul Aisyah
 Tempat Tanggal Lahir : Berau, 11 November 2003
 Jenis Kelamin : Perempuan
 Anak Ke- : 2 dari 4 bersaudara
 Agama : Islam
 Nama Ayah : Dudung Tommy
 Nama Ibu : Sri Mulyani
 Alamat : Jl. Raya Bangun KM.8, Kec Sambaliung, Kab Berau
 Email : nurulaisyah11.id@gmail.com

Riwayat Pendidikan	Tahun
SDN. 010 Bebanir Bangun	2009-2015
MTS Baitul Arqom Al-Islami	2015-2018
MA Baitul Arqom Al-Islami	2018-2021
Universitas Bhakti Kencana Bandung	2021-2025