

DAFTAR LAMPIRAN

Lampiran 1. Surat determinasi

HERBARIUM JATINANGOR
LABORATORIUM TAKSONOMI TUMBUHAN
JURUSAN BIOLOGI FMIPA UNPAD
Gedung D2-212, Jl. Raya Bandung Sumedang Km 21 Jatinangor
Telp. 089689992695, email: phanerogamae@yahoo.com

LEMBAR IDENTIFIKASI TUMBUHAN No.47/HB/01/2024.

Herbarium Jatinangor, Laboratorium Taksonomi Tumbuhan, Jurusan Biologi FMIPA

UNPAD, dengan ini menerangkan bahwa:

Nama : Nida Putri Apriliyanti
NIM/NIP : 221FF04038
Instansi : Universitas Bhakti Kencana.
Lokasi : Bandung.

Telah melakukan identifikasi tumbuhan, dengan No. Koleksi: -
Tanggal Koleksi : 20 Januari 2024.

Hasil Identifikasi

Nama Ilmiah : *Anredera cordifolia* (Ten.) Steenis
Sinonim : *Boussingaultia cordata* Spreng.
Nama Lokal : Daun Binahong
Suku/Famili : Basellaceae

Klasifikasi (Hirarki Taksonomi)

Kingdom : Plantae
Divisi : Magnoliophyta
Class : Magnoliopsida
Ordo : Caryophyllales
Famili : Basellaceae
Genus : *Anredera*
Species : *Anredera cordifolia* (Ten.) Steenis

Referensi:

Backer, C. A. and Bakhuizen v/d Brink R. C Jr. 1963. Flora of Java. Wolter-Noordhoff NV.
Groningen. Cronquist, Arthur. 1981. An Integrated System of Classification of Flowering
Plants. Columbia University Press. New York
The Plant List Website Dunia Tumbuhan <http://www.theplantlist.org/tpl1.1/record/kew-158489>.

Jatinangor, 22 Januari 2024.

Identifikator,

LABORATORIUM TAKSONOMI TUMBUHAN
JURUSAN BIOLOGI FMIPA-UNPAD

Drs. Joko Kusmoro, M.P.
NIP. 19600801 199101 1 001

Lampiran 2. Persetujuan kode etik



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET DAN TEKNOLOGI
UNIVERSITAS PADJADJARAN
KOMITE ETIK PENELITIAN
RESEARCH ETHICS COMMITTEE
Jl. Prof. Eykman No. 38 Bandung 40161
Telp. & Fax. 022-2636607 email: kep@unpad.ac.id, website: kep.unpad.ac.id

Persetujuan Etik
ETHICAL APPROVAL

Nomor: 528/UN6.KEPIEC/2024

No. Reg.: 2401080024

Komite Etik Penelitian Universitas Padjadjaran Bandung, telah mengkaji dengan teliti proposal penelitian yang menggunakan subjek Hewan Coba dalam penelitian yang berjudul:

The Research Ethics Committee Universitas Padjadjaran Bandung, has been thoroughly reviewed proposal for research with animal subjects in reaserach entitled:

"UJI AKTIVITAS ANTIDIABETES DAN ANTIHIPERLIPIDEMIA FRAKSI ETIL ASETAT EKSTRAK ETANOL DAUN BINAHONG (ANREDERA CORDIFOLIA) DAN DAUN SAMBUNG NYAWA (GYUNURA PROCUMBENS) PADA TIKUS YANG DIINDUKSI STREPTOZOTOCIN"

Nama Peneliti Utama <i>Principal Researcher</i>	: Dewi Sintawati Eka Rahmat Nugraha Nida Putri Apriliyanti Sensi Friska Daeli
Pembimbing/Peneliti Lain <i>Supervisor/Other Researcher</i>	: Dr. apt. Yani Mulyani, M.Si.
Nama Institusi <i>Institution</i>	: Program Sarjana Program Studi Farmasi Fakultas Farmasi Universitas Bhakti Kencana Bandung

proposal tersebut dapat disetujui pelaksanaannya.
hereby declare that the proposal is approved.



Ditetapkan di : Bandung
Issued in
Tanggal : 14-05-2024
Date

Ketua,
Chairman,


 Prof. Nur Atik, dr, M.Kes., MOHRE., PhD
 NIP. 19811010 200801 1 019

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 3. Sertifikat streptozotosin



MOLECULAR TOOLS FOR LIFE SCIENCES

CERTIFICATE OF ANALYSIS

STREPTOZOTOCIN

SYNONYMS : N/A

PRODUCT CODE (SKU) : 41910012-5

PRODUCT SIZE : 5 g

CAS NUMBER : 18883-66-4

LOT NUMBER : V23100402

MOLECULAR FORMULA : C₉H₁₉N₃O₇

MOLECULAR WEIGHT : 265.22 g/mol

STORAGE TEMP. : -20°C

REASSAY/ EXP DATE : 03/2025

PROPERTIES	SPECIFICATIONS	TEST RESULTS
Appearance:	Crystalline Solid	PASS
Color:	Pale Yellow to White	PASS
Assay:	≥98%	99.91%
HPLC:	Conforms to Standard	PASS
Water:	≤3.0%	0.22%
α Isomer %	≥75%	96.92%

APPROVED BY:



Mallory McMullen

Quality Assurance

DATE:

01-03-2024

CREATION DATE: 01-03-2024 PRINT DATE: 01-03-2024

The above information is based upon data received from our supplier or our quality control measurements.



P: 614.792.8680
F: 614.792.8680
E: tech@bio-world.com
W: www.bio-world.com

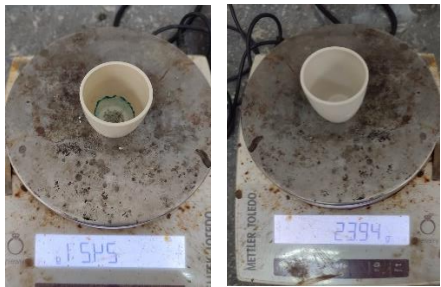
bioWORLD
4150 Tuller Road
Suite 228
Dublin, OH 43017

Lampiran 4. Surat Keterangan Tikus

	SURAT KETERANGAN
Saya yang bertanda tangan di bawah ini :	
Nama	: Dewi Wulandari
Alamat	: Jl. Ps. Baros, Baros Pasar Kavling No.28 I Rt.02 Rw. 1 Cimahi Selatan 40532
No. Hp	: 081578008919
menerangkan / menyatakan bahwa tikus putih yang kami kembangbiakan di peternakan AnakMami Tikus Putih adalah jenis Wistar. Tikus itu adalah normal yang digunakan sebagai hewan percobaan di Laboratorium	
Demikian surat keterangan ini dibuat, semoga dapat digunakan sebagaimana mestinya. Atas kerjasamanya kami ucapkan terima kasih.	
Cimahi  Dewi Wulandari	
AnakMami Tikus Putih Jl. Ps. Baros, Baros Pasar Kavling I No.28 Rt.02 Rw.01 Cimahi Selatan 40532 081578008919 - 081328000919	

Lampiran 5. Perhitungan Karakterisasi Simplisia Dan Binahong

Parameter spesifik	Perhitungan
1. Kadar Sari Larut Etanol 	• Bobot cawan kosong = 81,264 g • Bobot cawan+ sari = 81,379 g • Bobot sampel = 5 g • Volume filtrat = 20 mL Hasil = $81,379 - 81,264 = 0,115 \text{ g}$ $\frac{0,115 \times 5}{5} \times 100 \% = 11,5 \%$
2. Kadar Sari Larut Air 	• Bobot cawan kosong = 54,576 g • Bobot cawan+ sari = 54,863 g • Bobot sampel = 5 g • Volume filtrat = 20 mL Hasil = $54,863 - 54,576 = 0,287 \text{ g}$ $\frac{0,287 \times 5}{5} \times 100 \% = 28,7 \%$

Parameter non spesifik	Perhitungan
1. Kadar Abu Total 	• Bobot krus kosong = 23,94 g • Bobot krus + abu = 24,21 g • Bobot sampel = 5 g Hasil= $\frac{24,21 - 23,94}{2} \times 100 \% = 13,5 \%$
2. Kadar Abu Tidak Larut Asam	• Bobot krus kosong = 23,94 g • Bobot krus + abu = 24,21 g • Bobot sampel = 5 g Hasil=

		$\frac{23,95 - 23,94}{2} \times 100 \% = 0,5 \%$
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Lampiran 6. Penapisan Fitokimia

Metabolit Sekunder	Hasil
Alkaloid	 (+) Terbentuk endapan merah  (-) Tidak terbentuk endapan putih
Flavonoid	 (+) Terbentuk warna kuning pada lapisan amil alkohol
Tannin	 (+) Terbentuk warna hitam kehijauan  (+) Terbentuk endapan putih

Kuionon	 (+) Terbentuk warna merah
Saponin	 (+) Terbentuk busa stabil
Steroid/Triterpenoid	 (+) Terbentuk warna merah keunguan

Lampiran 7. Perhitungan Dosis Larutan Uji

➤ **Perhitungan Na-CMC 0,5%**

Na-CMC 0,5 % dibuat sebanyak 100 mL maka:

Berat yang ditimbang = 0,5 g → 500 mg

Volume untuk melarutkan = 100 mL

➤ **Perhitungan dosis sampel:**

Dosis pertama (daun binahong 100 mg/Kg BB)

$$= \frac{200 \text{ gram}}{1000 \text{ gram}} \times 100 \text{ mg}$$

$$= 20 \text{ mg/200 gram}$$

Dosis kedua (Daun binahong 150 mg/Kg BB)

$$= \frac{200 \text{ gram}}{1000 \text{ gram}} \times 150 \text{ mg}$$

$$= 30 \text{ mg/200 gram}$$

➤ **Perhitungan dosis induksi streptozotosin**

Menggunakan dosis induksi 35 mg/Kg BB:

$$= \frac{200 \text{ gram}}{1000 \text{ gram}} \times 35 \text{ mg}$$

$$= 7 \text{ mg/ 200 gram}$$

➤ **Perhitungan dosis pembanding glibenklamid**

$$= 5 \text{ mg} \times 0,0018$$

$$= 0,09 \text{ mg/ 200 gram BB}$$

Karena dibuat dalam 100 mL, maka:

$$X = \frac{0,09 \text{ mg}}{5 \text{ mg}} \times 100 \text{ mL}$$

$$X = 1,8 \text{ mL}$$

Lampiran 8. Hasil pengukuran kadar gula darah

Kelompok	Tikus ke-	Kadar gula darah (mg/dL)			
		H0	H3	H14	H28
Normal	T1	115	123	123	124
	T2	118	110	107	105
	T3	108	103	107	100
	T4	96	98	101	114
	Rata-rata	109,2 ± 9,7	108,5 ± 10,8	109,5 ± 9,4	110,7 ± 10,5
Sakit	T1	91	264	291	327
	T2	109	276	298	338
	T3	94	284	297	335
	T4	118	265	296	302
	Rata-rata	103,0 ± 12,7	272,2 ± 9,5	295,5 ± 3,1	325,5 ± 16,3
Glibenklamid	T1	120	270	153	118
	T2	107	264	143	99
	T3	114	269	151	106
	T4	124	278	169	124
	Rata-rata	116,2 ± 7,4	270,2 ± 5,7	154,0 ± 10,8	111,7 ± 11,3
FEADB 1	T1	112	281	189	132
	T2	109	275	179	115
	T3	99	262	184	119
	T4	98	271	204	125
	Rata-rata	104,5 ± 7,0	272,2 ± 7,9	189,0 ± 10,8	122,7 ± 7,4
FEADB 1	T1	100	253	159	120
	T2	116	268	174	127
	T3	101	274	179	116
	T4	105	259	166	121
	Rata-rata	108,0 ± 7,3	260,5 ± 9,3	166,5 ± 8,8	123,5 ± 4,5

Lampiran 9. Analisis Statistik Kadar Gula Darah

1. Data KGDP hari-0

ANOVA

Kontrol_Gula_Darah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	450.700	4	112.675	1.355	.296
Within Groups	1247.500	15	83.167		
Total	1698.200	19			

Multiple comparisons

LSD	Normal	Sakit	6.250	6.449	.348	-7.49	19.99
		Glibenclamid	-7.000	6.449	.295	-20.74	6.74
		Binahong 100 mg/KgBB	4.750	6.449	.473	-8.99	18.49
		Binahong 150 mg/KgBB	3.750	6.449	.570	-9.99	17.49
	Sakit	Normal	-6.250	6.449	.348	-19.99	7.49
		Glibenclamid	-13.250	6.449	.058	-26.99	.49
		Binahong 100 mg/KgBB	-1.500	6.449	.819	-15.24	12.24
		Binahong 150 mg/KgBB	-2.500	6.449	.704	-16.24	11.24
	Glibenclamid	Normal	7.000	6.449	.295	-6.74	20.74
		Sakit	13.250	6.449	.058	-.49	26.99
		Binahong 100 mg/KgBB	11.750	6.449	.088	-1.99	25.49
		Binahong 150 mg/KgBB	10.750	6.449	.116	-2.99	24.49
	Binahong 100 mg/KgBB	Normal	-4.750	6.449	.473	-18.49	8.99
		Sakit	1.500	6.449	.819	-12.24	15.24
		Glibenclamid	-11.750	6.449	.088	-25.49	1.99
		Binahong 150 mg/KgBB	-1.000	6.449	.879	-14.74	12.74
	Binahong 150 mg/KgBB	Normal	-3.750	6.449	.570	-17.49	9.99
		Sakit	2.500	6.449	.704	-11.24	16.24
		Glibenclamid	-10.750	6.449	.116	-24.49	2.99
		Binahong 100 mg/KgBB	1.000	6.449	.879	-12.74	14.74

2. Data KGDP hari-3

ANOVA

Kontrol_Gula_Darah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	83218.300	4	20804.575	264.858	.000
Within Groups	1178.250	15	78.550		
Total	84396.550	19			

Multiple comparisons

LSD	Normal	Sakit	-163.750 [*]	6.267	.000	-177.11	-150.39
		Glibenclamid	-161.750 [*]	6.267	.000	-175.11	-148.39
		Binahong 100 mg/KgBB	-163.750 [*]	6.267	.000	-177.11	-150.39
		Binahong 150 mg/KgBB	-155.000 [*]	6.267	.000	-168.36	-141.64
	Sakit	Normal	163.750 [*]	6.267	.000	150.39	177.11
		Glibenclamid	2.000	6.267	.754	-11.36	15.36
		Binahong 100 mg/KgBB	.000	6.267	1.000	-13.36	13.36
		Binahong 150 mg/KgBB	8.750	6.267	.183	-4.61	22.11
	Glibenclamid	Normal	161.750 [*]	6.267	.000	148.39	175.11
		Sakit	-2.000	6.267	.754	-15.36	11.36
		Binahong 100 mg/KgBB	-2.000	6.267	.754	-15.36	11.36
		Binahong 150 mg/KgBB	6.750	6.267	.298	-6.61	20.11
	Binahong 100 mg/KgBB	Normal	163.750 [*]	6.267	.000	150.39	177.11
		Sakit	.000	6.267	1.000	-13.36	13.36
		Glibenclamid	2.000	6.267	.754	-11.36	15.36
		Binahong 150 mg/KgBB	8.750	6.267	.183	-4.61	22.11
	Binahong 150 mg/KgBB	Normal	155.000 [*]	6.267	.000	141.64	168.36
		Sakit	-8.750	6.267	.183	-22.11	4.61
		Glibenclamid	-6.750	6.267	.298	-20.11	6.61
		Binahong 100 mg/KgBB	-8.750	6.267	.183	-22.11	4.61

3. Data KGDP hari-14

ANOVA

Kontrol_Gula_Darah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	76466.000	4	19116.500	232.184	.000
Within Groups	1235.000	15	82.333		
Total	77701.000	19			

Multiple comparisons

LSD	Normal	Sakit	-186.000 [*]	6.416	.000	-199.68	-172.32
		Glibenclamid	-44.500 [*]	6.416	.000	-58.18	-30.82
		Binahong 100 mg/KgBB	-79.500 [*]	6.416	.000	-93.18	-65.82
		Binahong 150 mg/KgBB	-60.000 [*]	6.416	.000	-73.68	-46.32
	Sakit	Normal	186.000 [*]	6.416	.000	172.32	199.68
		Glibenclamid	141.500 [*]	6.416	.000	127.82	155.18
		Binahong 100 mg/KgBB	106.500 [*]	6.416	.000	92.82	120.18
		Binahong 150 mg/KgBB	126.000 [*]	6.416	.000	112.32	139.68
	Glibenclamid	Normal	44.500 [*]	6.416	.000	30.82	58.18
		Sakit	-141.500 [*]	6.416	.000	-155.18	-127.82
		Binahong 100 mg/KgBB	-35.000 [*]	6.416	.000	-48.68	-21.32
		Binahong 150 mg/KgBB	-15.500 [*]	6.416	.029	-29.18	-1.82
	Binahong 100 mg/KgBB	Normal	79.500 [*]	6.416	.000	65.82	93.18
		Sakit	-106.500 [*]	6.416	.000	-120.18	-92.82
		Glibenclamid	35.000 [*]	6.416	.000	21.32	48.68
		Binahong 150 mg/KgBB	19.500 [*]	6.416	.008	5.82	33.18
	Binahong 150 mg/KgBB	Normal	60.000 [*]	6.416	.000	46.32	73.68
		Sakit	-126.000 [*]	6.416	.000	-139.68	-112.32
		Glibenclamid	15.500 [*]	6.416	.029	1.82	29.18
		Binahong 100 mg/KgBB	-19.500 [*]	6.416	.008	-33.18	-5.82

4. Data KGDP hari-28

ANOVA

Kontrol_Gula_Darah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	140155.300	4	35038.825	300.805	.000
Within Groups	1747.250	15	116.483		
Total	141902.550	19			

Multiple comparisons

LSD	Normal	Sakit	-214.750 [*]	7.632	.000	-231.02	-198.48
		Glibenclamid	-1.000	7.632	.897	-17.27	15.27
		Binahong 100 mg/KgBB	-12.000	7.632	.137	-28.27	4.27
		Binahong 150 mg/KgBB	-10.250	7.632	.199	-26.52	6.02
	Sakit	Normal	214.750 [*]	7.632	.000	198.48	231.02
		Glibenclamid	213.750 [*]	7.632	.000	197.48	230.02
		Binahong 100 mg/KgBB	202.750 [*]	7.632	.000	186.48	219.02
		Binahong 150 mg/KgBB	204.500 [*]	7.632	.000	188.23	220.77
	Glibenclamid	Normal	1.000	7.632	.897	-15.27	17.27
		Sakit	-213.750 [*]	7.632	.000	-230.02	-197.48
		Binahong 100 mg/KgBB	-11.000	7.632	.170	-27.27	5.27
		Binahong 150 mg/KgBB	-9.250	7.632	.244	-25.52	7.02
	Binahong 100 mg/KgBB	Normal	12.000	7.632	.137	-4.27	28.27
		Sakit	-202.750 [*]	7.632	.000	-219.02	-186.48
		Glibenclamid	11.000	7.632	.170	-5.27	27.27
		Binahong 150 mg/KgBB	1.750	7.632	.822	-14.52	18.02
	Binahong 150 mg/KgBB	Normal	10.250	7.632	.199	-6.02	26.52
		Sakit	-204.500 [*]	7.632	.000	-220.77	-188.23
		Glibenclamid	9.250	7.632	.244	-7.02	25.52
		Binahong 100 mg/KgBB	-1.750	7.632	.822	-18.02	14.52

5. Data Hispatologi Pankreas

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
luas_langerhans	Between Groups	25.139	4	6.285	3.663	.021
	Within Groups	34.316	20	1.716		
	Total	59.454	24			
jumlah_sel_alfa	Between Groups	3530.640	4	882.660	13.779	.000
	Within Groups	1281.200	20	64.060		
	Total	4811.840	24			
jumlah_sel_beta	Between Groups	21062.000	4	5265.500	6.138	.002
	Within Groups	17158.000	20	857.900		
	Total	38220.000	24			

Luas Pulau Langerhans

Multiple Comparisons

Dependent Variable		(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
luas_langerhans	LSD	normal	sakit	2.975600*	.828439	.002	1.24751	4.70369
			glibenklamid	.866800	.828439	.308	-.86129	2.59489
			binahong 100	1.725800	.828439	.050	-.00229	3.45389
			binahong 150	1.885800*	.828439	.034	.15771	3.61389
		sakit	normal	-2.975600*	.828439	.002	-4.70369	-1.24751
			glibenklamid	-2.108800*	.828439	.019	-3.83689	-.38071
			binahong 100	-1.249800	.828439	.147	-2.97789	.47829
			binahong 150	-1.089800	.828439	.203	-2.81789	.63829
		glibenklamid	normal	-.866800	.828439	.308	-2.59489	.86129
			sakit	2.108800*	.828439	.019	.38071	3.83689
			binahong 100	.859000	.828439	.312	-.86909	2.58709
			binahong 150	1.019000	.828439	.233	-.70909	2.74709
		binahong 100	normal	-1.725800	.828439	.050	-3.45389	.00229
			sakit	1.249800	.828439	.147	-.47829	2.97789
			glibenklamid	-.859000	.828439	.312	-2.58709	.86909
			binahong 150	.160000	.828439	.849	-1.56809	1.88809
		binahong 150	normal	-1.885800*	.828439	.034	-3.61389	-.15771
			sakit	1.089800	.828439	.203	-.63829	2.81789
			glibenklamid	-1.019000	.828439	.233	-2.74709	.70909
			binahong 100	-.160000	.828439	.849	-1.88809	1.56809

Jumlah Sel Alfa

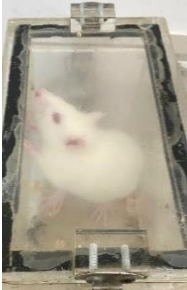
jumlah_sel_alfa	LSD	normal	sakit	29.200*	5.062	.000	18.64	39.76
			glibenklamid	33.000*	5.062	.000	22.44	43.56
			binahong 100	19.600*	5.062	.001	9.04	30.16
			binahong 150	28.600*	5.062	.000	18.04	39.16
		sakit	normal	-29.200*	5.062	.000	-39.76	-18.64
			glibenklamid	3.800	5.062	.462	-6.76	14.36
			binahong 100	-9.600	5.062	.072	-20.16	.96
			binahong 150	-.600	5.062	.907	-11.16	9.96
		glibenklamid	normal	-33.000*	5.062	.000	-43.56	-22.44
			sakit	-3.800	5.062	.462	-14.36	6.76
			binahong 100	-13.400*	5.062	.015	-23.96	-2.84
			binahong 150	-4.400	5.062	.395	-14.96	6.16
		binahong 100	normal	-19.600*	5.062	.001	-30.16	-9.04
			sakit	9.600	5.062	.072	-.96	20.16
			glibenklamid	13.400*	5.062	.015	2.84	23.96
			binahong 150	9.000	5.062	.091	-1.56	19.56
		binahong 150	normal	-28.600*	5.062	.000	-39.16	-18.04
			sakit	.600	5.062	.907	-9.96	11.16
			glibenklamid	4.400	5.062	.395	-6.16	14.96
			binahong 100	-9.000	5.062	.091	-19.56	1.56

Jumlah Sel Beta

jumlah_sel_beta	LSD	normal	sakit	80.800*	18.525	.000	42.16	119.44
			glibenklamid	26.600	18.525	.166	-12.04	65.24
			binahong 100	3.400	18.525	.856	-35.24	42.04
			binahong 150	34.200	18.525	.080	-4.44	72.84
		sakit	normal	-80.800*	18.525	.000	-119.44	-42.16
			glibenklamid	-54.200*	18.525	.008	-92.84	-15.56
			binahong 100	-77.400*	18.525	.000	-116.04	-38.76
			binahong 150	-46.600*	18.525	.021	-85.24	-7.96
		glibenklamid	normal	-26.600	18.525	.166	-65.24	12.04
			sakit	54.200*	18.525	.008	15.56	92.84
			binahong 100	-23.200	18.525	.225	-61.84	15.44
			binahong 150	7.600	18.525	.686	-31.04	46.24
		binahong 100	normal	-3.400	18.525	.856	-42.04	35.24
			sakit	77.400*	18.525	.000	38.76	116.04
			glibenklamid	23.200	18.525	.225	-15.44	61.84
			binahong 150	30.800	18.525	.112	-7.84	69.44
		binahong 150	normal	-34.200	18.525	.080	-72.84	4.44
			sakit	46.600*	18.525	.021	7.96	85.24
			glibenklamid	-7.600	18.525	.686	-46.24	31.04
			binahong 100	-30.800	18.525	.112	-69.44	7.84

Lampiran 10. Dokumentasi Pengujian Aaktivitas Antidiabetes

Tanaman Binahong 	Aklimatisasi tikus 	Fraksi etil asetat daun binahong 	Pembuatan larutan fraksi etil asetat 
streptozotosin 	pembuatan Larutan streptozotosin 	larutan streptozotosin 	Cek ph larutan streptozotosin 
Induksi streptozotosin 	Perlakuan secara oral 	Pengukuran KGD pada ekor tikus 	Hasil KGD diabetes 

Hasil KGD Normal 	Anestesi menggunakan Co2 	Pembedahan tikus 	Organ pankreas 
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Lampiran 11. Hasil Uji Plagiarisme

ORIGINALITY REPORT			
11%	12%	5%	8%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS
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Lampiran 12. Kartu bimbingan



No. Dok. 02.64.00/FRM-03/AKD-SPMI



KARTU BIMBINGAN TUGAS AKHIR I/TUGAS AKHIR II

Pembimbing Utama	: Dr. apt. Yuni Mulyani, M.si
Nama Mahasiswa	: Dewi Siskawati
NPM	: 201103106
Bidang Ilmu	: Farmakologi dan Farmasi Klinis (FFK)

[illegible]

Calatun : Kartu ini harus dibawa setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.



Fakultas Farmasi
Universitas
Bhakti Kencana

No. Dok. 02.64.00/FRM-03/AKD-SPMI



KARTU BIMBINGAN TUGAS AKHIR II

Pembimbing Serta	: apt. Elis Susilawati, M.Si
Nama Mahasiswa	: Dewi Sintawati
NPM	: 201FF03106
Bidang Ilmu	: Farmakologi Dan Farmasi Klinik (FFK)

[illegible]

Catatan : Kartu Ini Harus Dibawa Setiap Kali Melakukan Bimbingan Dan Harus Diisi Oleh Dosen Pembimbing.

Jl. Soekarno Hatta No 754 Bandung

☎ 022 7830 760, 022 7830 768

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Lampiran 13 Daftar Riwayat Hidup

**Data Pribadi**

Nama : Dewi Sintawati

Alamat : Dusun Sungai Kering, Desa Sinar Jati, Kec. Tegineneng,
Kab. Pesawaran, Prov. Lampung

Kode Post : 35363

Nomor Telepon : 087868726048

Email : dewisintawati021@gmail.com

Jenis Kelamin : Perempuan

Tangga Kelahiran : Sungai Kering, 13 Juni 2002

Warna Negara : Indonesia

Agama : Islam

Pendidikan : SD N 3 Margorejo Lampung
MTS Nurul Huda Pringsewu
SMK Farmasi Cendikia Farma Husada BandarLampung
Univeristas Bhakti Kencana Bandung