

LAMPIRAN

LAMPIRAN 1. Persentase Bobot Kering Terhadap Bobot Basah Daun Binahong

Berat Basah = 3.300 g

Berat Kering = 310 g

$$\begin{aligned}\text{Persentase} &= \frac{\text{Berat kering}}{\text{Berat basah}} \times 100\% \\ &= \frac{310}{3.300} \times 100\% \\ &= 9,39\%\end{aligned}$$

LAMPIRAN 2 . Perhitungan Rendemen Ekstrak Maserasi Daun Binahong

Berat Cawan Kosong	= 33,823 g (a)
Berat Cawan + Ekstrak	= 46,556 g (b)
Berat Cawan + Sisa	= 35,257 g (c)
Berat Isi	= b - c
	= 46,556 g - 35,257 g
	= 11,299 g
% Rendemen	$\frac{\text{Berat Ekstrak}}{\text{Berat Sampel}} \times 100 \%$
	$= \frac{11,299}{100} \times 100 \%$
	= 11,29 %

LAMPIRAN 3. Daftar Berat Badan Mencit Untuk Lima Perlakuan

BERAT BADAN MENCIT (g)				
Kontrol negatif (Lar. Na CMC 0,5% b/v)	Kontrol positif (Metformin HCl (0,5% b/v))	Ekstrak daun binahong (10% b/v)	Ekstrak daun binahong (20% b/v)	Ekstrak daun binahong (30% b/v)
20,2	20,6	21,4	22,2	19,8
20,1	21,5	20,2	20,8	21,6
22,3	20,8	20,3	21,5	22,1
19,6	20,7	21,1	20,3	21,2
20,7	20,4	22,4	21,9	21,5

LAMPIRAN 4. Tabel Faktor Konversi Dosis Antar Jenis Hewan

	Mencit 20 g	Tikus 200 g	Marmut 400 g	Kelinci 1,5 kg	Kucing 1,5 kg	Kera 4 kg	Anjing 12 kg	Manusia 70 kg
Mencit 20 g	1,0	7,0	12,23	27,8	29,7	64,1	124,2	387,9
Tikus 200 g	0,14	1,0	1,74	3,9	4,2	9,2	17,8	56,0
Marmut 400 g	0,08	0,57	1,0	2,25	2,4	5,2	10,2	31,5
Kelinci 1,5 kg	0,04	0,25	0,44	1,0	1,08	2,4	4,5	14,2
Kucing 1,5 kg	0,03	0,23	0,41	0,92	1,0	2,2	4,1	13,0
Kera 4 kg	0,016	0,11	0,19	0,42	0,43	0,1	1,9	6,1
Anjing 12 kg	0,008	0,06	0,1	0,22	1,24	0,52	1,0	3,1
Manusia 70 kg	0,0026	0,018	0,031	0,07	0,076	0,16	0,32	1,0

(Sumber:Kemenkes RI, 2016)

LAMPIRAN 5. Tabel Volume Maksimal Pemberian Antar Jenis Hewan

Jenis Hewan dan BB	Cara Pemberian dan Volume dalam Milliliter				
	i.v	i.m	i.p	s.c	p.o
Mencit (20 - 30 g)	0,5	0,05	1,0	0,5 - 1,0	1,0
Tikus (100 g)	1,0	0,1	2,0 - 5,0	2,0 - 5,0	5,0
Hamster (50 g)	-	0,1	1,0-5,0	2,5	2,5
Marmut (250 g)	-	0,25	2,0 - 5,0	5,0	10,0
Merpati (300 g)	2,0	0,5	20	2,0	10,0
Kelinci (2,5 kg)	5,0 - 10,0	0,5	10,0 - 20,0	5,0 - 10,0	20,0
Kucing (3 kg)	5,0 - 10,0	1,0	10,0 - 20,0	5,0 - 10,0	50,0
Anjing (5 kg)	10,0 - 20,0	5,0	20,0 - 50,0	10,0	100,0

(Sumber:Kemenkes RI, 2016)

LAMPIRAN 6. Perhitungan Pemberian Larutan Aloksan 1%

Larutan Aloksan 1 % dibuat dalam 100 ml dengan perhitungan sebagai berikut:

a. Perhitungan Penimbangan

$$\text{Aloksan 1 \% b/v} = 1 \text{ g} / 100 \text{ ml}$$

Aloksan yang ditimbang 1g, ditambah aquadest ad 100 ml

b. Pemberian Larutan Aloksan 1 %

$$\text{Larutan stok Aloksan 1 \%} = 1000 \text{ mg} / 100 \text{ ml}$$

$$= 10 \text{ mg} / 1 \text{ ml}$$

Dosis Aloksan 100 mg/kg BB (Kemenkes RI, 2016)

$$\text{Dosis Aloksan mencit BB 20 g} = 100 \text{ mg} / 1000 \text{ g} \times 20 \text{ g}$$

$$= 2 \text{ mg} / 20 \text{ g BB mencit}$$

I. Kelompok Kontrol Negatif

- Mencit I (20,2 g)

$$\text{Dosis Aloksan} = \frac{20,2 \text{ g}}{20 \text{ g}} \times 2 \text{ mg} = 2,02 \text{ mg}$$

$$\text{Volume Pemberian} = \frac{2,02 \text{ mg}}{10 \text{ mg}} \times 1 \text{ ml} = 0,2 \text{ ml}$$

- Mencit 2 (20,1 g)

$$\text{Dosis Aloksan} = \frac{20,1 \text{ g}}{20 \text{ g}} \times 2 \text{ mg} = 2,01 \text{ mg}$$

$$\text{Volume Pemberian} = \frac{2,01 \text{ mg}}{10 \text{ mg}} \times 1 \text{ ml} = 0,2 \text{ ml}$$

- Mencit 3 (22,3 g)

$$\text{Dosis Aloksan} = \frac{22,3 \text{ g}}{20 \text{ g}} \times 2 \text{ mg} = 2,23 \text{ mg}$$

$$\text{Volume Pemberian} = \frac{2,23 \text{ mg}}{10 \text{ mg}} \times 1 \text{ ml} = 0,22 \text{ ml}$$

- Mencit 4 (19,6 g)

$$\text{Dosis Aloksan} = \frac{19,6 \text{ mg}}{20 \text{ mg}} \times 2 \text{ mg} = 1,96 \text{ ml}$$

$$\text{Volume Pemberian} = \frac{1,96 \text{ mg}}{10 \text{ mg}} \times 1 \text{ ml} = 0,196 \text{ ml} = 0,2 \text{ ml}$$

- Mencit 5 (20,7 g)

$$\text{Dosis Aloksan} = \frac{20,7 \text{ g}}{20 \text{ g}} \times 2 \text{ mg} = 2,07 \text{ mg}$$

$$\text{Volume Pemberian} = \frac{2,07 \text{ mg}}{10 \text{ mg}} \times 1 \text{ ml} = 0,207 \text{ ml} = 0,21 \text{ ml}$$

II. Kelompok 2 Kontrol Positif

- Mencit 1 (20,6 g)
 - Dosis Aloksan $= \frac{20,6\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,06\text{ mg}$
 - Volume Pemberian $= \frac{2,06\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,206\text{ ml} = 0,21\text{ ml}$
- Mencit 2 (21,5 g)
 - Dosis Aloksan $= \frac{21,5\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,15\text{ mg}$
 - Volume Pemberian $= \frac{2,15\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,215\text{ ml} = 0,21\text{ ml}$
- Mencit 3 (20,8 g)
 - Dosis Aloksan $= \frac{20,8\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,08\text{ mg}$
 - Volume Pemberian $= \frac{2,08\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,208\text{ ml} = 0,21\text{ ml}$
- Mencit 4 (20,7 g)
 - Dosis Aloksan $= \frac{20,7\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,07\text{ mg}$
 - Volume Pemberian $= \frac{2,07\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,207\text{ ml} = 0,21\text{ ml}$
- Mencit 5 (20,4 g)
 - Dosis Aloksan $= \frac{20,4\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,04\text{ mg}$
 - Volume Pemberian $= \frac{2,04\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,204\text{ ml} = 0,20\text{ ml}$

III. Kelompok 3 Ekstrak Daun Binahong 10%

- Mencit 1 (21,4 g)
 - Dosis Aloksan $= \frac{21,4\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,14\text{ mg}$
 - Volume Pemberian $= \frac{2,14\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,214\text{ ml} = 0,21\text{ ml}$
- Mencit 2 (20,2 g)
 - Dosis Aloksan $= \frac{20,2\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,02\text{ mg}$
 - Volume Pemberian $= \frac{2,02\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,202\text{ ml} = 0,20\text{ ml}$
- Mencit 3 (20,3 g)
 - Dosis Aloksan $= \frac{20,3\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,03\text{ mg}$
 - Volume Pemberian $= \frac{2,03\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,203\text{ ml} = 0,2\text{ ml}$
- Mencit 4 (21,1 g)
 - Dosis Aloksan $= \frac{21,1\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,11\text{ mg}$
 - Volume Pemberian $= \frac{2,11\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,211\text{ ml} = 0,21\text{ ml}$
- Mencit 5 (21,4 g)
 - Dosis Aloksan $= \frac{21,4\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,14\text{ mg}$
 - Volume Pemberian $= \frac{2,14\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,214\text{ ml} = 0,21\text{ ml}$

IV. Kelompok 4 Ekstrak Daun Binahong 20%

- Mencit 1 (22,2 gram)
 - Dosis Aloksan $= \frac{22,2\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,22\text{ mg}$
 - Volume Pemberian $= \frac{2,22\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,22\text{ ml}$
- Mencit 2 (20,8 gram)
 - Dosis Aloksan $= \frac{20,8\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,08\text{ mg}$
 - Volume Pemberian $= \frac{2,08\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,208\text{ ml} = 0,21\text{ ml}$
- Mencit 3 (21,5 gram)
 - Dosis Aloksan $= \frac{21,5\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,15\text{ mg}$
 - Volume Pemberian $= \frac{2,15\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,21\text{ ml}$
- Mencit 4 (20,3 gram)
 - Dosis Aloksan $= \frac{20,3\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,03\text{ mg}$
 - Volume Pemberian $= \frac{2,03\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,20\text{ ml} =$
- Mencit 5 (21,9 gram)
 - Dosis Aloksan $= \frac{21,9\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,19\text{ mg}$
 - Volume Pemberian $= \frac{2,19\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,219\text{ ml} = 0,22\text{ ml}$

V. Kelompok 5 Ekstrak Daun binahong 30%

- Mencit 1 (19,8 gram)
 - Dosis Aloksan $= \frac{19,8\text{ g}}{20\text{ g}} \times 2\text{ mg} = 1,98\text{ mg}$
 - Volume Pemberian $= \frac{1,98\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,198\text{ ml} = 0,2\text{ ml}$
- Mencit 2 (21,6 gram)
 - Dosis Aloksan $= \frac{21,6\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,16\text{ mg}$
 - Volume Pemberian $= \frac{2,16\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,22\text{ ml}$
- Mencit 3 (22,1 gram)
 - Dosis Aloksan $= \frac{22,1\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,21\text{ mg}$
 - Volume Pemberian $= \frac{2,21\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,22\text{ ml}$
- Mencit 4 (21,2 gram)
 - Dosis Aloksan $= \frac{21,2\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,12\text{ mg}$
 - Volume Pemberian $= \frac{2,12\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,21\text{ ml}$
- Mencit 5 (21,5 gram)
 - Dosis Aloksan $= \frac{21,5\text{ g}}{20\text{ g}} \times 2\text{ mg} = 2,15\text{ mg}$
 - Volume Pemberian $= \frac{2,15\text{ mg}}{10\text{ mg}} \times 1\text{ ml} = 0,21\text{ ml}$

LAMPIRAN 7. Perhitungan Pemberian Larutan CMC 0,5 % (Kontrol Negatif)

Volume pemberian larutan CMC Na 0,5 ml/20 g BB mencit (Kemenkes RI, 2016)

- Mencit 1 (20,2 g) $= \frac{20,2 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,51 \text{ ml}$
- Mencit 2 (20,1 g) $= \frac{20,1 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,50 \text{ ml}$
- Mencit 3 (22,3 g) $= \frac{22,3 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,56 \text{ ml}$
- Mencit 4 (19,6 g) $= \frac{19,6 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,49 \text{ ml}$
- Mencit 5 (20,7 g) $= \frac{20,7 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,52 \text{ ml}$

LAMPIRAN 8. Pemberian Larutan Metformin 0,5 % (500 mg/70 kg BB)

Dosis Metformin untuk mencit BB 20 g = 500 mg X 0,0026 = 1,3 mg

Larutan induk Metformin 0,5 % = 500 mg/100 ml = 5 mg / ml

Jadi volume larutan induk metformin 0,5% b/v yang dioralkan pada mencit

- Mencit 1 (20,2 g)

$$\text{Dosis mencit} = \frac{20,2 \text{ g}}{20 \text{ g}} \times 1,3 \text{ mg} = 1,34 \text{ mg}$$

$$\text{Volume pemberian} = \frac{1,34 \text{ mg}}{5 \text{ mg}} \times 1 \text{ ml} = 0,27 \text{ ml}$$

- Mencit 2 (20,1 g)

$$\text{Dosis Mencit} = \frac{20,1 \text{ g}}{20 \text{ g}} \times 1,3 \text{ mg} = 1,30 \text{ mg}$$

$$\text{Volume pemberian} = \frac{1,30 \text{ mg}}{5 \text{ mg}} \times 1 \text{ ml} = 0,26 \text{ ml}$$

- Mencit 3 (22,3 g)

$$\text{Dosis Mencit} = \frac{22,3 \text{ mg}}{20 \text{ g}} \times 1,3 \text{ mg} = 1,45 \text{ mg}$$

$$\text{Volume pemberian} = \frac{1,45 \text{ mg}}{5 \text{ mg}} \times 1 \text{ ml} = 0,29 \text{ ml}$$

- Mencit 4 (19,6 g)

$$\text{Dosis Mencit} = \frac{19,6 \text{ g}}{20 \text{ g}} \times 1,3 \text{ mg} = 1,27 \text{ mg}$$

$$\text{Volume pemberian} = \frac{1,27 \text{ mg}}{5 \text{ mg}} \times 1 \text{ ml} = 0,25 \text{ ml}$$

- Mencit 5 (20,7 g)

$$\text{Dosis Mencit} = \frac{20,7 \text{ g}}{20 \text{ g}} \times 1,3 \text{ mg} = 1,35 \text{ mg}$$

$$\text{Volume pemberian} = \frac{1,35 \text{ mg}}{5 \text{ mg}} \times 1 \text{ ml} = 0,27 \text{ ml}$$

LAMPIRAN 9. Pemberian Larutan Ekstrak Daun Binahong

1. Kelompok 3 Ekstrak Daun Binahong 10%

Volume pemberian ekstrak 0,5 ml/20 g BB mencit

$$\bullet \text{ Mencit 1 (21,4 g)} = \frac{21,4 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,54 \text{ ml}$$

$$\bullet \text{ Mencit 2 (20,2 g)} = \frac{20,2 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,50 \text{ ml}$$

$$\bullet \text{ Mencit 3 (20,3 g)} = \frac{20,3 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,50 \text{ ml}$$

$$\bullet \text{ Mencit 4 (21,1 g)} = \frac{21,1 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,53 \text{ ml}$$

$$\bullet \text{ Mencit 5 (22,4 g)} = \frac{22,4 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,56 \text{ ml}$$

2. Kelompok 3 Ekstrak Daun Binahong 10%

Volume pemberian ekstrak 0,5 ml/20 g BB mencit

$$\bullet \text{ Mencit 1 (22,2 g)} = \frac{22,2 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,56 \text{ ml}$$

$$\bullet \text{ Mencit 2 (20,8 g)} = \frac{20,8 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,52 \text{ ml}$$

$$\bullet \text{ Mencit 3 (21,5 g)} = \frac{21,5 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,54 \text{ ml}$$

$$\bullet \text{ Mencit 4 (20,3 g)} = \frac{20,3 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,51 \text{ ml}$$

$$\bullet \text{ Mencit 5 (21,9 g)} = \frac{21,9 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,55 \text{ ml}$$

3. Kelompok 5 Ekstrak Daun binahong 30%

$$\bullet \text{ Mencit 1 (19,8 g)} = \frac{19,8 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,49 \text{ ml}$$

$$\bullet \text{ Mencit 2 (21,6 g)} = \frac{21,6 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,54 \text{ ml}$$

$$\bullet \text{ Mencit 3 (22,1 g)} = \frac{22,1 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,55 \text{ ml}$$

$$\bullet \text{ Mencit 4 (21,2 g)} = \frac{21,2 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,53 \text{ ml}$$

$$\bullet \text{ Mencit 5 (21,5 g)} = \frac{21,5 \text{ g}}{20 \text{ g}} \times 0,5 \text{ ml} = 0,54 \text{ ml}$$

LAMPIRAN 10. Hasil Pengukuran kadar gula darah pada mencit**1.) Kadar gula darah puasa (sebelum pemberian Aloksan 1%)**

Kadar Gula darah (mg/dl)					
Mencit	Kontrol negatif	Kontrol positif	Ekstrak Daun Binahong 10%	Ekstrak Daun Binahong 20%	Ekstrak Daun Binahong 30%
1	81	91	82	83	87
2	88	85	92	86	88
3	84	86	87	82	82
4	88	92	89	92	83
5	90	82	88	87	80
Rata - rata	86,2	87,2	87,6	86	84






2.) Kadar gula darah setelah pemberian Aloksan 1%

Kadar Gula Darah (mg/dl)					
Mencit	Kontrol negatif	Kontrol positif	Ekstrak Daun Binahong 10%	Ekstrak Daun Binahong 20%	Ekstrak Daun Binahong 30%
1	230	255	208	233	226
2	241	232	227	245	215
3	220	243	224	260	227
4	225	222	261	211	229
5	231	212	254	214	218
Rata - rata	229,4	232,8	234,8	232,6	223

3.) Kadar gula darah setelah perlakuan (Pemberian zat uji)

Kadar Gula Darah (mg/dl)					
Mencit	Kontrol Negatif	Kontrol Positif	Ekstrak Daun Bihanong 10%	Ekstrak Daun Bihanong 20%	Ekstrak Daun Bihanong 30%
1	227	182	225	219	194
2	235	191	231	221	187
3	217	185	214	211	195
4	220	171	210	203	159
5	226	180	195	193	182
Rata - rata	225	181,8	215	209,4	188

LAMPIRAN 11. Dokumentasi Penelitian

No	Gambar	Keterangan
1.		Sampel Daun Binahong
2.		Proses Pengeringan
3.		Sampel Daun Binahong kering
4.		Serbuk Simplisia Daun Binahong
5.		Proses Ekstraksi Maserasi

6.



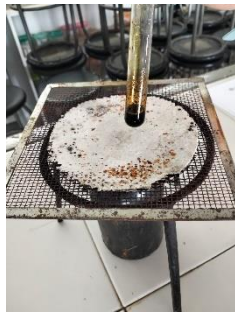
Proses penguapan Ekstrak

7.



Ekstrak Daun Binahong

8.



Uji Bebas Etanol

9.



Uji Flavanoid

10.



Uji Saponin

11.



Uji Tanin

12.



Pembuatan Larutan Aloxan 1 %

13.

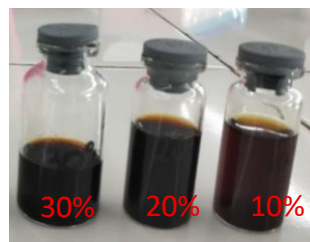


Pembuatan Larutan CMC 0,5 %

14.

Pembuatan Larutan Metformin HCl
0,5%

15.



Larutan Ekstrak Daun Binahong

16.



Menimbang mencit

17.



Mengambil Darah Mencit

18.



Kadar gula setelah di beri aloksan

19.



Pemberian Larutan Ekstrak

20.



Kadar gula setelah di beri Larutan Ekstrak

SURAT KETERANGAN HASIL UJI PLAGIASI

Yang bertanda tangan di bawah ini:

Nama : apt. Rizki Febriyanti, M.Farm

NIPY : 09.012.117

Jabatan : Ketua Program Studi D-3 Farmasi

Menerangkan bahwa Laporan Tugas Akhir:

Judul : Uji Efek Antidiabetik Ekstrak Maserasi Daun Binahong Terhadap
Mencit Putih Jantan

Yang ditulis oleh :

Nama Mahasiswa : Asep Triono

NIM : 24084003

Email : aseptriono008@gmail.com

Telah dilakukan uji plagiasi menggunakan perangkat lunak Compilatio Magister- dengan total skor Suspicious Texts sebesar 27% yang mencakup rincian indikator sebagai berikut:

- Similarity : 27%
- Unrecognized Languages : 0%
- Texts Potentially generated by AI : <1%

Demikian keterangan ini dibuat untuk digunakan sebagaimana mestinya.

Tegal, 12 Maret 2026

Ketua Program Studi D-3 Farmasi


Universitas Harkat Negeri



**Universitas
Harkat Negeri**
 Di Farmasi

apt. Rizki Febriyanti, M.Farm

NIPY.09.012.117


 **Analysis attestation**
 Compilatio Magister+ | Universitas Harkat Negeri

24084003_Asep Triono
 ID : b7747986e5387f0779cff1c11244bd87e7bf3ebc


27%
 Suspicious texts

File name : pak asepx.txt
 Original file size : 1.34 MB
 Number of words : 15,430
 Number of characters : 108971


Submitter : Asep Triono
 Submission date : March 12, 2026
 Upload type : url_submission
 analysis end date : March 12, 2026


 **Summary** (section 1/2)


Location of suspect texts in the document :





Included in the suspicious text score :


 **Similarities** **27%**
 Passages with similarities to sources found in different collections.




 **AI detection** **<1%**
 Texts with stylistically similar formulations to AI-generated text. This rate is an indicator, not proof. Check with the author that he/she has mastered the knowledge mentioned in the document.




 **Unrecognized languages** **0%**
 Passages in which some of the vocabulary used is not part of the language dictionary. This may be an attempt by the author to modify the text to make detection impossible.



Not included in the percentage of suspicious texts :

 **Texts between quotes** **<1%**
 Passages between quotation marks, often revealing a quotation.



No : 027.06/FAR-HN/III/2026
Hal : Keterangan Praktek Laboratorium

SURAT KETERANGAN

Dengan ini menerangkan bahwa mahasiswa berikut :

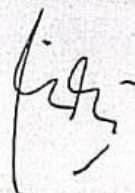
Nama : Asep Triono
NIM : 24084003
Judul Tugas Akhir : Uji Efek Antidiabetikekstrak Maserasi Daun Binahong Terhadap Mencit Putih Jantan

Benar – benar telah melakukan penelitian di Laboratorium Diploma III Farmasi Universitas Harkat Negeri.

Demikian surat keterangan ini untuk digunakan sebagaimana mestinya.

Tegal, 09 Maret 2026

Ka. Program Studi Diploma III Farmasi
Universitas Harkat negeri



apt. Rizki Febriyanti, M.Farm.
NIPY. 09.012.117



FORM KELAYAKAN UJIAN TUGAS AKHIR
PROGRAM STUDI D-3 FARMASI
UNIVERSITAS HARKAT NEGERI

Kami yang bertandatangan dibawah ini menyatakan bahwa :

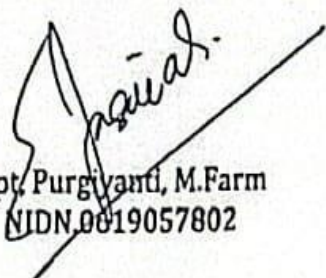
1. Nama : Asep Trino
2. NIM : 24084007
3. Judul TA : Uji Efek Antidiabetik Ekstrak Maserasi Daun Binahong (*Androea Cordifolia*(Ten.) Steenis) Terhadap Mencit Putih Jantan.

Telah * layak/tidak layak untuk mengikuti ujian TA.

Tegal, 11 Maret 2026

Mengetahui,

Pembimbing I


Apt. Purgiyanti, M.Farm
NIDN.0019057802

Pembimbing II


Apt. Susiyarti, M.Farm
NIDN.0627057502

*Coret salah satu

IDENTITAS MAHASISWA



Nama : Asep Triono
 NIM : 24084003
 TTL : Tegal, 28 Oktober 1989
 Alamat : Desa Bongkok, RT.2/RW.01, Kecamatan
 Kramat, Kabupaten Tegal
 No. Telepon : 0882006651269
 Riwayat Pendidikan :
 SD : SDN Lawatan 02
 SMP : SMP N1 Dukuhturi
 SMA/SMK/Sederajat : SMK Ma'arif NU Talang
 DIII : Universitas Harkat Negeri Tegal
 Nama Ayah : Alm. Ratno
 Nama Ibu : Sunarti
 Pekerjaan Ayah : Wiraswasta
 Pekerjaan Ibu : Ibu Rumah tangga
 Alamat Orang Tua : Desa Lawatan, RT.16/RW.04, Kecamatan
 Dukuhturi, Kabupaten Tegal
 Judul Penelitian : Uji Efek Antidiabetik Ekstrak Maserasi Daun
 Binahong (*Andredea Cordifolia* (Ten.) Steenis)
 Terhadap Mencit Putih Jantan (*Mus
 Musculus.L*)

Tegal, 23 Januari 2026

Asep Triono

NIM : 24084003