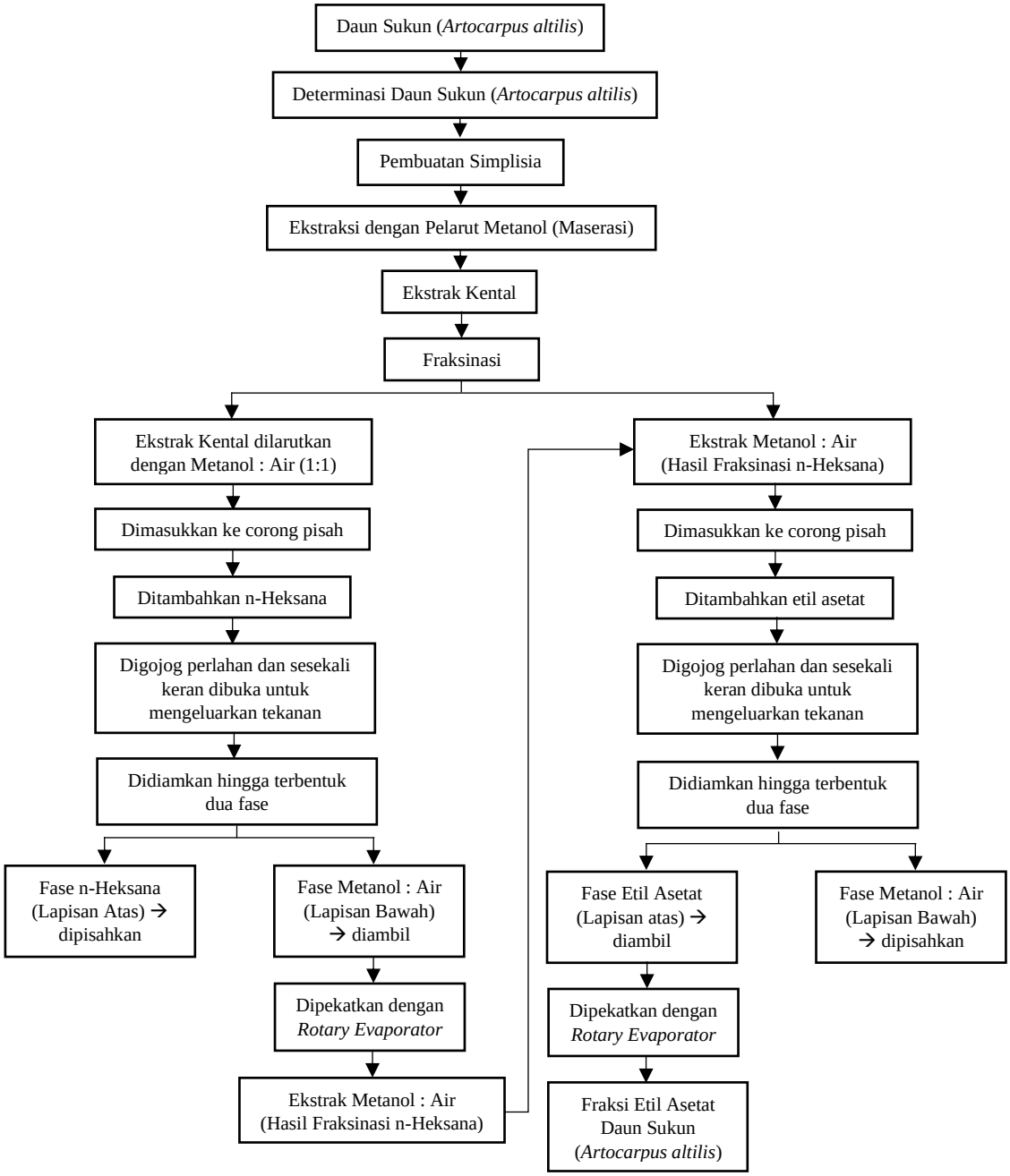
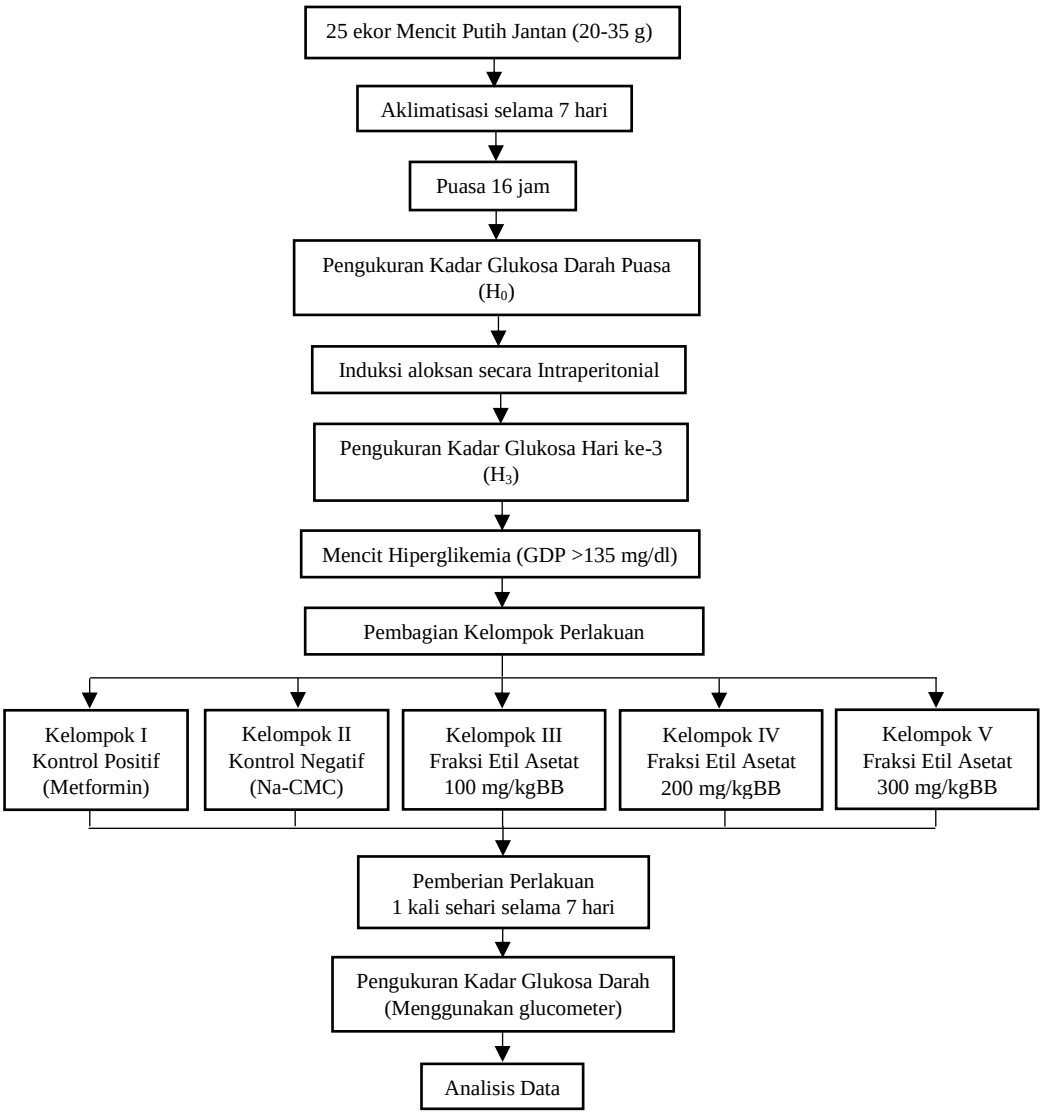
LAMPIRAN

Lampiran 1. Alur Pembuatan Fraksi Etil Asetat daun Sukun



Lampiran 2. Alur Pengujian Antihiperglikemia terhadap Hewan Uji



Lampiran 3. Determinasi Tanaman Sukun

HERBARIUM UNIVERSITAS ANDALAS (ANDA)
Departemen Biologi FMIPA Universitas Andalas Kampus Limau Manih Padang
Sumbar Indonesia 25163 Telp. +62-751-777427 e-mail: herbariumanda@yahoo.com

HASIL IDENTIFIKASI

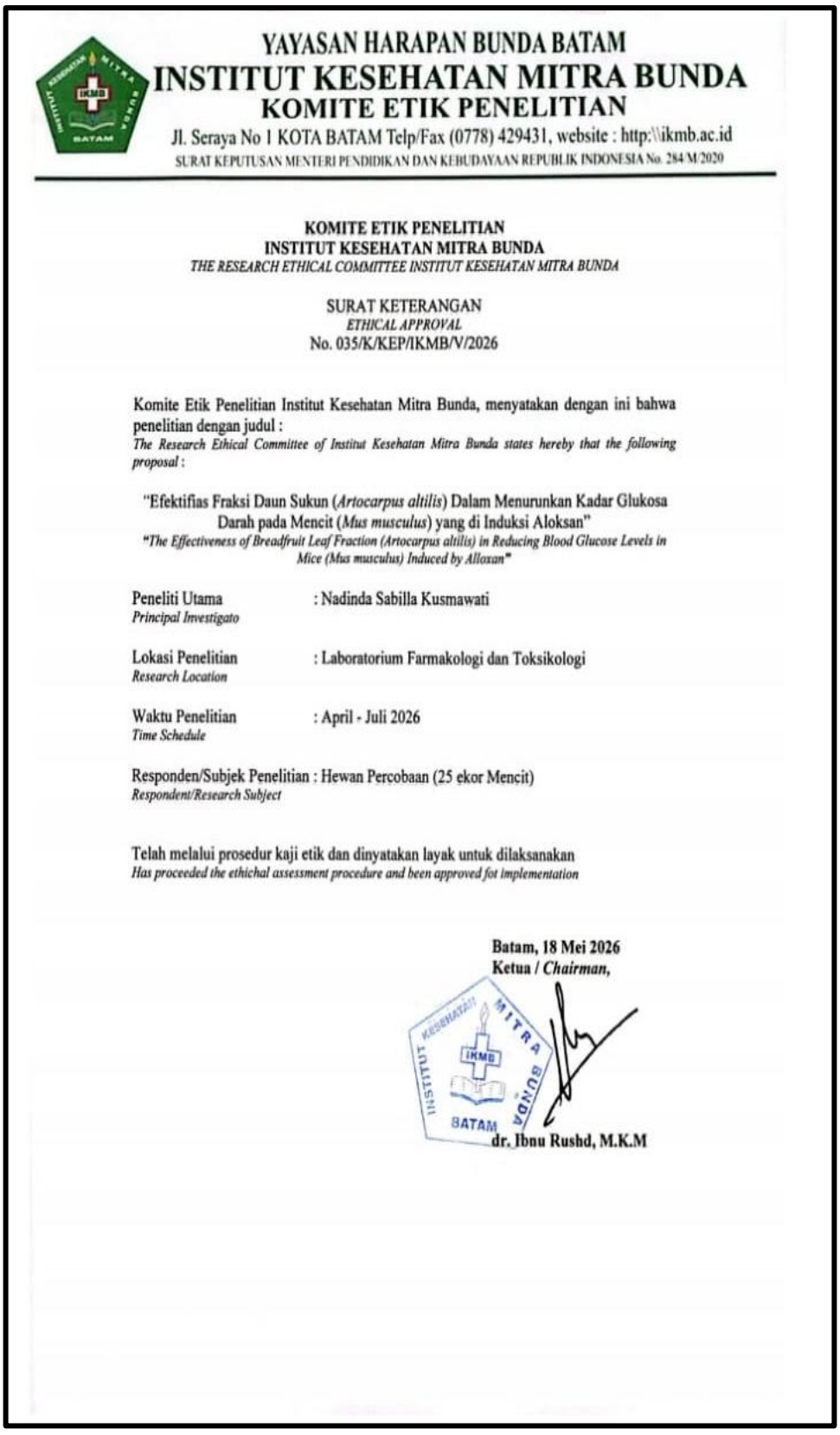
Nama : Dr. Apt. Henny Rachdiati, M.Si
Instansi : Institut Kesehatan Mitra Bunda

No	Family	Spesies	Nama Koleksi
1.	Moraceae	*Artocarpus altilis* (Parkinson) Fosberg	IKMB. 22.9. Daun Sukun
2.	Combretaceae	*Terminalia catappa* L.	IKMB. 22.34. Daun Ketapang

Padang, 2 Februari 2026
Kepala

Dr. Nurainas
NIP. 196908141995122001

Lampiran 4. Surat Keterangan Kode Etik Penelitian



YAYASAN HARAPAN BUNDA BATAM
INSTITUT KESEHATAN MITRA BUNDA
KOMITE ETIK PENELITIAN
Jl. Seraya No 1 KOTA BATAM Telp/Fax (0778) 429431, website : http:\\ikmb.ac.id
SURAT KEPUTUSAN MENTERI PENDIDIKAN DAN KEBUDAYAAN REPUBLIK INDONESIA No. 284/M/2020

KOMITE ETIK PENELITIAN
INSTITUT KESEHATAN MITRA BUNDA
THE RESEARCH ETHICAL COMMITTEE INSTITUT KESEHATAN MITRA BUNDA

SURAT KETERANGAN
ETHICAL APPROVAL
No. 035/K/KEP/IKMB/V/2026

Komite Etik Penelitian Institut Kesehatan Mitra Bunda, menyatakan dengan ini bahwa penelitian dengan judul :
The Research Ethical Committee of Institut Kesehatan Mitra Bunda states hereby that the following proposal :

"Efektifias Fraksi Daun Sukun (*Artocarpus altilis*) Dalam Menurunkan Kadar Glukosa Darah pada Mencit (*Mus musculus*) yang di Induksi Aloksan"
"The Effectiveness of Breadfruit Leaf Fraction (Artocarpus altilis) in Reducing Blood Glucose Levels in Mice (Mus musculus) Induced by Alloxan"

Peneliti Utama : Nadinda Sabilla Kusmawati
Principal Investigato

Lokasi Penelitian : Laboratorium Farmakologi dan Toksikologi
Research Location

Waktu Penelitian : April - Juli 2026
Time Schedule

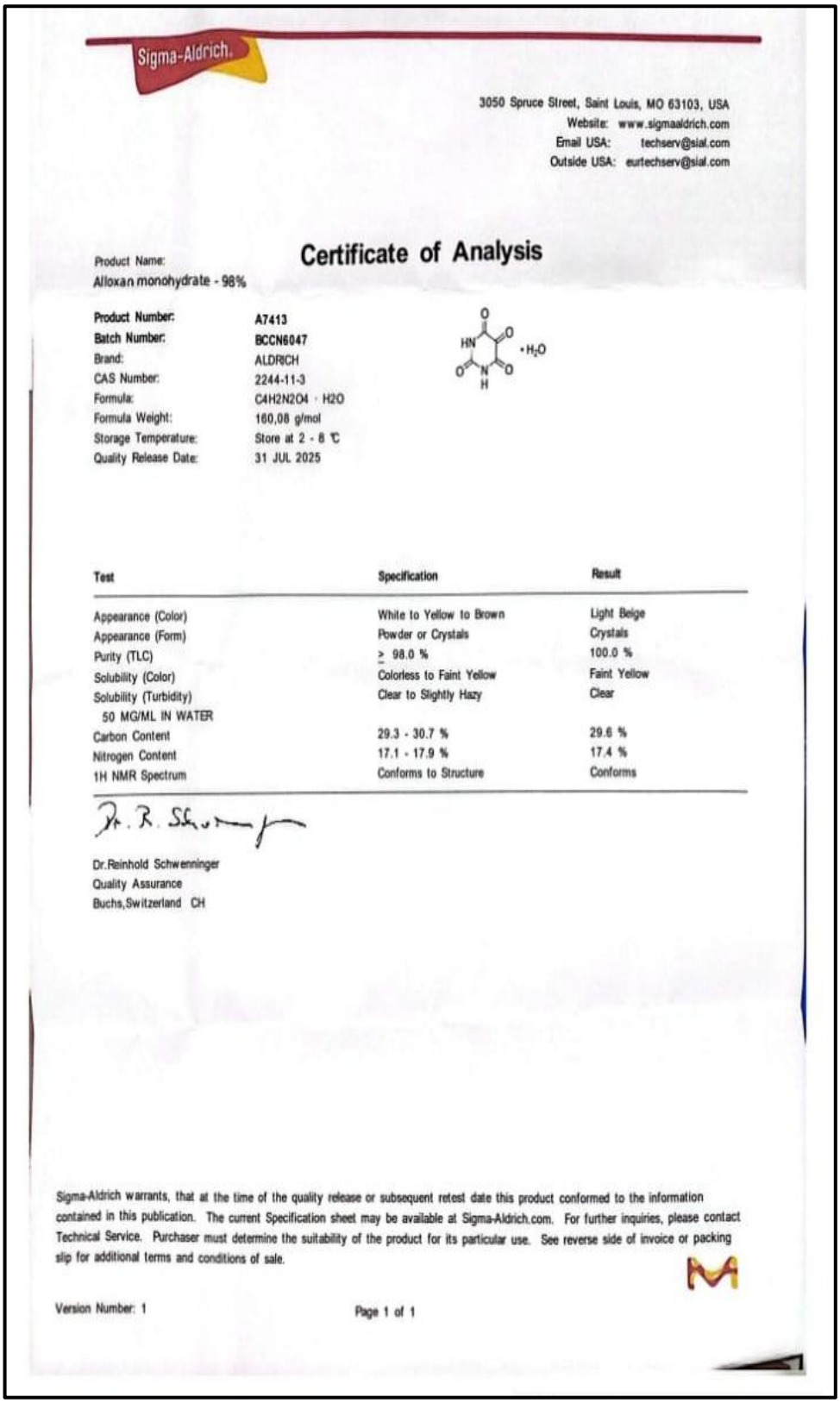
Responden/Subjek Penelitian : Hewan Percobaan (25 ekor Mencit)
Respondent/Research Subject

Telah melalui prosedur kaji etik dan dinyatakan layak untuk dilaksanakan
Has proceeded the ethichal assessment procedure and been approved fot implementation

Batam, 18 Mei 2026
Ketua / *Chairman*,

dr. Ibnu Rushd, M.K.M

Lampiran 5. Sertifikat Analisis Aloksan



Sigma-Aldrich.

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
Alloxan monohydrate - 98%

Product Number:	**A7413**
Batch Number:	**BCCN6047**
Brand:	ALDRICH
CAS Number:	2244-11-3
Formula:	C4H2N2O4 · H2O
Formula Weight:	160,08 g/mol
Storage Temperature:	Store at 2 - 8 °C
Quality Release Date:	31 JUL 2025

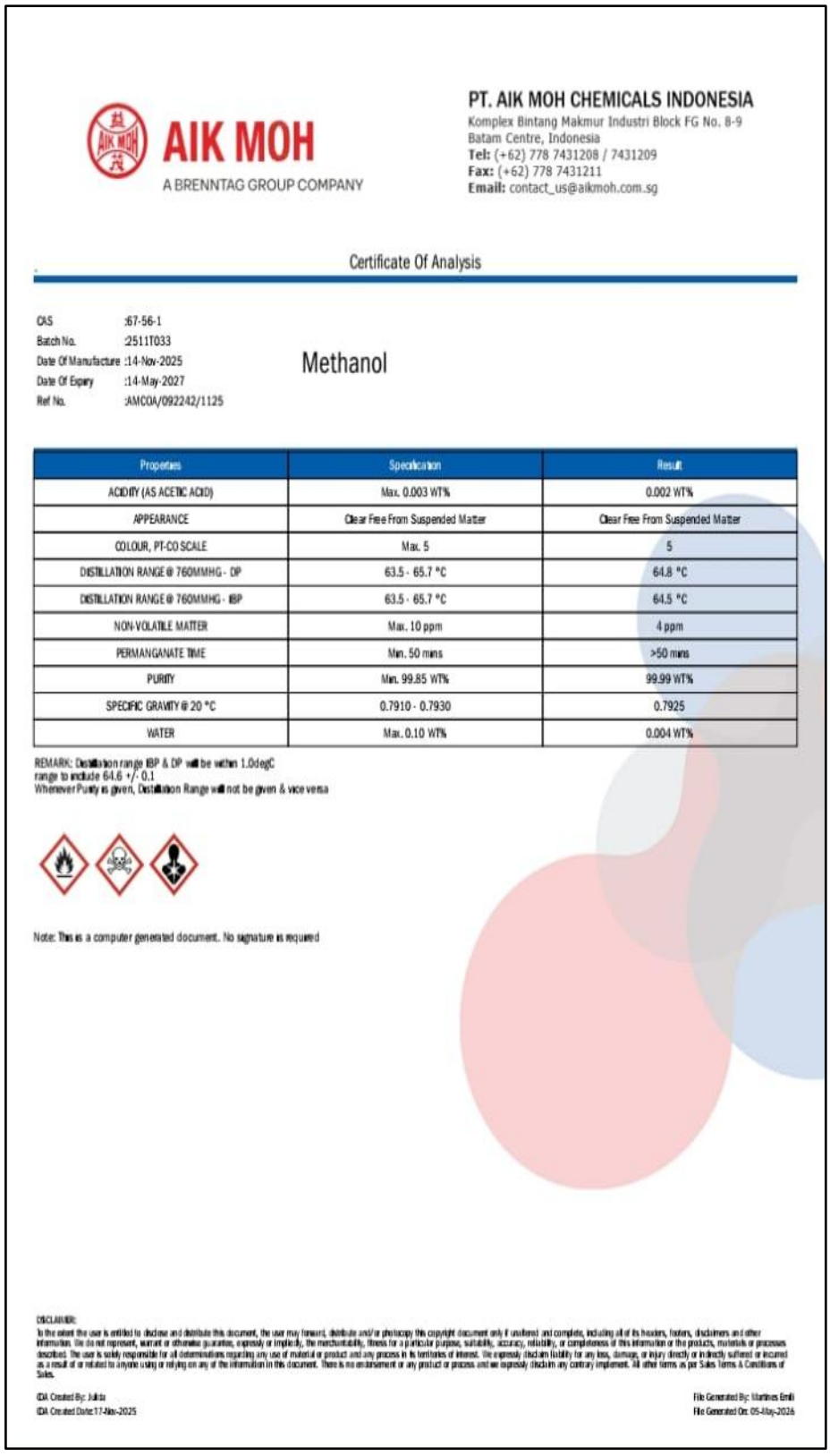
Test	Specification	Result
Appearance (Color)	White to Yellow to Brown	Light Beige
Appearance (Form)	Powder or Crystals	Crystals
Purity (TLC)	≥ 98.0 %	100.0 %
Solubility (Color)	Colorless to Faint Yellow	Faint Yellow
Solubility (Turbidity) 50 MG/ML IN WATER	Clear to Slightly Hazy	Clear
Carbon Content	29.3 - 30.7 %	29.6 %
Nitrogen Content	17.1 - 17.9 %	17.4 %
1H NMR Spectrum	Conforms to Structure	Conforms

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Version Number: 1

Lampiran 6. Sertifikat Analisis Metanol.



AIK MOH
A BRENNTAG GROUP COMPANY

PT. AIK MOH CHEMICALS INDONESIA
Komplex Bintang Makmur Industri Block FG No. 8-9
Batam Centre, Indonesia
Tel: (+62) 778 7431208 / 7431209
Fax: (+62) 778 7431211
Email: contact_us@aikmoh.com.sg

Certificate Of Analysis

CAS :67-56-1
Batch No. :2511T033
Date Of Manufacture :14-Nov-2025
Date Of Expiry :14-May-2027
Ref No. :AMCOA/092242/1125

Methanol

Properties	Specification	Result
ACIDITY (AS ACETIC ACID)	Max. 0.003 WT%	0.002 WT%
APPEARANCE	Clear Free From Suspended Matter	Clear Free From Suspended Matter
COLOUR, PT-CO SCALE	Max. 5	5
DISTILLATION RANGE @ 760MMHG - DP	63.5 - 65.7 °C	64.8 °C
DISTILLATION RANGE @ 760MMHG - IBP	63.5 - 65.7 °C	64.5 °C
NON-VOLATILE MATTER	Max. 10 ppm	4 ppm
PERMANGANATE TIME	Min. 50 mins	>50 mins
PURITY	Min. 99.85 WT%	99.99 WT%
SPECIFIC GRAVITY @ 20 °C	0.7910 - 0.7930	0.7925
WATER	Max. 0.10 WT%	0.004 WT%

REMARK: Destillation range IBP & DP will be within 1.0degC
range to include 64.6 +/- 0.1
Whenever Purity is given, Destillation Range will not be given & vice versa

Note: This is a computer generated document. No signature is required

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IDA Created By: Julita
IDA Created Date:17-Nov-2025

File Generated By: Martines Emli
File Generated On: 05-May-2026

Lampiran 7. Sertifikat Analisis Hexane

Certificate Of Analysis

CAS :110-54-3
Batch No. :2601T022
Date Of Manufacture :13-Jan-2026
Date Of Expiry :13-Jul-2027
Ref No. :AMCOA/093287/0126

Hexane

Properties	Specification	Result
APPEARANCE	Clear Colourless Liquid	Clear Colourless Liquid
AROMATICS CONTENT	Max. 20 WT PPM	<10 WT PPM
COLOUR (SAYBOLT)	Min. +30	+30
DISTILLATION RANGE @ 760MMHG - DP	Max. 75 °C	68 °C
DISTILLATION RANGE @ 760MMHG - IBP	Min. 60 °C	64.9 °C
N-HEXANE	Min. 40 WT%	52 WT%
SPECIFIC GRAVITY @ 15 °C	0.660 - 0.686	0.6717



Note: This is a computer generated document. No signature is required

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COA Created By: Julita
COA Created Date: 14-Jan-2026

File Generated By: Martines Emli
File Generated On: 05-May-2026

Lampiran 8. Sertifikat Analisis Etil Asetat

PT. PANCASAKTI PUTRA KENCANA
IMPORTIR AND STOCKIST OF INDUSTRIAL AND FOOD CHEMICALS

F/QCL/002 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Ethyl Acetate
Batch No. : PO11232
Formula : $C_4H_8O_2$
Cas No : 147-78-6
Date Of Analysis : JUL.24, 2024
Exp Date : JUL.23, 2025

NO.	ITEM TEST	UNITS	METHOD	SPECIFICATION	RESULT
1.	Appearance	_	Visual	Clear Colourless Liquid	Clear Colourless Liquid
2.	Colour	Hazen	ASTM D-1209	max 10	5
3.	Odour	_	Visual	characteristic odor	Characteristic odor
4.	Specific Gravity at 20 ^{0}C	_	ASTM D-891	0.897 – 0.902	0.9005
5.	Purity	wt %	GC	min 99.5	99.94
6.	Water Content	wt %	By KF	max 0.05	0.015
7.	Acidity (as CH_3COOH)	wt %	ASTM D-1613	max 0.004	0.0007
8.	Non-volatile matter	wt %	ASTM D-1353	max 0.001	< 0.001
9.	Initial Boiling Point (IBP)	^{o}C	ASTM D-1078	min 75	75.2
10.	Dry Point (DP)	^{o}C	ASTM D-1078	max 80	78.1

Remark :
This Certificate refers to COA maker

PT. Pancasakti Putra Kencana

Yuvraj Sagvekar
Manager QC

RUKO BOULEVARD TAMAN TEKNO BLOK E NO.10-11 BSD SEKTOR XI SERPONG - TANGERANG
TEL : (62-21) 75880205 (HUNTING) FAX : (62-21) 75880198
WEBSITE : WWW.PANCASAKTI.CO.ID EMAIL : sales@pancasakti.co.id, pancasakti@cbn.net.id

Lampiran 9. Volume Maksimum Pemberian

Hewan	Volume Maksimum (ml)				
	Cara Pemberian				
	I.V	I.M	I.P	S.C	P.O
Mencit	0,5	0,05	1,0	0,5-1,0	1,0
Tikus	1,0	0,1	2,0-5,0	2,0-5,0	5,0
Hamster	-	0,1	1,0-5,0	2,5	2,5
Marmot	-	0,25	2,0-5,0	5,0	10,0
Merpati	2,0	0,5	2,0	2,0	10,0
Kelinci	5,0-10,0	0,5	10,0-20,0	5,0-10,0	20,0
Kucing	5,0-10,0	1,0	10,0-20,0	5,0-10,0	50,0
Anjing	10,0-20,0	5,0	20,0-50,0	5,0-10,0	100,0

Lampiran 10. Tabel Konversi Dosis Perhitungan Dosis Antar Jenis Subjek Uji

	Mencit 20 gr	**Tikus 200 gr**	**Marmut 400 gr**	**Kelinci 1,5 kg**	**Kera 4 kg**	**Anjing 12 kg**	**Manusia 70 kg**
Mencit 20 gr	1,0	7,0	12,25	27,8	64,1	124,2	387,9
Tikus 200 gr	0,14	1,0	1,74	3,9	9,2	17,8	56,0
Marmut 400 gr	0,08	0,57	1,0	2,25	5,2	10,2	31,5
Kelinci 1,5 kg	0,04	0,25	0,44	1,0	2,4	4,5	14,2
Kera 4 kg	0,016	0,11	0,19	0,42	1,0	1,9	6,1
Anjing 12 kg	0,008	0,6	0,10	0,22	0,52	1,0	3,1
Manusia 70 kg	0,0026	0,018	0,031	0,07	0,16	0,32	1,0

Lampiran 11. Perhitungan Rendemen Ekstrak Metanol daun Sukun

- Berat Awal Sampel Simplisia daun Sukun : 900 g
- Berat Ekstrak Kental yang diperoleh : 101,500 g

$$\%\ Rendemen = \frac{\text{Berat ekstrak}}{\text{Berat simplisia yang di ekstraksi}} \times 100\%$$

$$= \frac{101{,}500\ \text{g}}{900\ \text{g}} \times 100\%$$

$$= 11{,}27\%$$

Lampiran 12. Perhitungan Rendemen Fraksi Etil Asetat Daun Sukun

- Berat Awal Sampel Ekstrak Daun Sukun : 101,500 g
- Berat Fraksi yang diperoleh : 18,15 g

$$\% \, Rendemen = \frac{\text{Berat Fraksi}}{\text{Berat ekstrak}} \times 100\%$$

$$= \frac{18{,}15 \text{ g}}{101{,}500} \times 100\%$$

$$= 17{,}88\%$$

Lampiran 13. Perhitungan Dosis

1. **Pembuatan Larutan Aloksan (Penginduksi)**

   - Dosis Aloksan 120 mg/kgBB Tikus

     Konversi dosis ke mencit = 120 mg/kgBB x $\frac{6}{3}$ = 240 mg/kgBB mencit.

     Maka, dosis aloksan untuk mencit = 240 mg/kgBB mencit

   - Larutan Stok (NaCl)

     =$\frac{240}{1000}$ x 32 = 7,68 mg

     Akan dibuat dalam 25 ml, maka

     = 7,68 mg/ml x 25 ml = 192 mg

     Maka, 192 mg Aloksan dilarutkan dalam NaCl fisiologis hingga 25 ml (konsentrasi larutan stok = 7,68 mg/ml)

   - Rumus Volume Pemberian

     Volume pemberian (VP) = $\frac{berat\ hewan\ uji}{berat\ hewan\ max}$ x vol pemberian maksimal

Kontrol Positif (+)				
Mencit 1 : 27 g $\frac{27}{32}$ x 1 ml = 0,84 ml	Mencit 2 : 24 g $\frac{24}{32}$ x 1 ml = 0,75 ml	Mencit 3 : 28 g $\frac{28}{32}$ x 1 ml = 0,87 ml	Mencit 4 : 27 g $\frac{27}{32}$ x 1 ml = 0,84 ml	Mencit 5 : 27 g $\frac{27}{32}$ x 1 ml = 0,84 ml
Kontrol Negatif (-)				
Mencit 1 : 29 g $\frac{29}{32}$ x 1 ml = 0,90 ml	Mencit 2 : 20 g $\frac{20}{32}$ x 1 ml = 0,62 ml	Mencit 3 : 24 g $\frac{24}{32}$ x 1 ml = 0,75 ml	Mencit 4 : 20 g $\frac{20}{32}$ x 1 ml = 0,62 ml	Mencit 5 : 24 g $\frac{24}{32}$ x 1 ml = 0,75 ml
Fraksi etil asetat daun Sukun dosis 100 mg mg/kgBB				
Mencit 1 : 24 g $\frac{24}{32}$ x 1 ml = 0,75 ml	Mencit 2 : 23 g $\frac{23}{32}$ x 1 ml = 0,71 ml	Mencit 3 : 20 g $\frac{20}{32}$ x 1 ml = 0,62 ml	Mencit 4 : 20 g $\frac{20}{32}$ x 1 ml = 0,62 ml	Mencit 5 : 21 g $\frac{21}{32}$ x 1 ml = 0,65 ml
Fraksi etil asetat daun Sukun dosis 200 mg mg/kgBB				
Mencit 1 : 25 g $\frac{25}{32}$ x 1 ml = 0,78 ml	Mencit 2 : 28 g $\frac{28}{32}$ x 1 ml = 0,87 ml	Mencit 3 : 24 g $\frac{24}{32}$ x 1 ml = 0,75 ml	Mencit 4 : 20 g $\frac{20}{32}$ x 1 ml = 0,62 ml	Mencit 5 : 25 g $\frac{25}{32}$ x 1 ml = 0,78 ml
Fraksi etil asetat daun Sukun dosis 300 mg mg/kgBB				
Mencit 1 : 32 g $\frac{32}{32}$ x 1 ml = 1 ml	Mencit 2 : 30 g $\frac{30}{32}$ x 1 ml = 0,93 ml	Mencit 3 : 26 g $\frac{26}{32}$ x 1 ml = 0,81 ml	Mencit 4 : 27 g $\frac{27}{32}$ x 1 ml = 0,84 ml	Mencit 5 : 23 g $\frac{23}{32}$ x 1 ml = 0,71 ml

2. Pembuatan Larutan Na-CMC 1% sebanyak 100 ml (Kontrol negatif)

1 g Na CMC ditimbang, dikembangkan dalam 100 ml aquadest panas, diaduk sampai homogen dan dicukupkan volumenya dengan air suling hingga 100 ml kemudian digerus kembali sampai menjadi suspensi.

- Rumus volume pemberian

  Volume pemberian (VP) = $\frac{berat\ hewan\ uji}{berat\ hewan\ max}$ x vol pemberian maksimal

Kontrol Negatif (-)				
Mencit 1 : 29 g $\frac{29}{29}$ x 1 ml = 1 ml	Mencit 2 : 20 g $\frac{20}{29}$ x 1 ml = 0,68 ml	Mencit 3 : 24 g $\frac{24}{29}$ x 1 ml = 0,82 ml	Mencit 4 : 20 g $\frac{20}{29}$ x 1 ml = 0,68 ml	Mencit 5 : 24 g $\frac{24}{29}$ x 1 ml = 0,82 ml

3. Pembuatan Metformin (Kontrol positif)

- Rumus faktor konversi = Dosis Manusia x Faktor Konversi
  - Perhitungan dosis metformin 500 mg

    500 mg x 0,0026 = 1,3 mg (BB mencit 24 g)
  - Dosis mencit dengan BB 28 g

    $\frac{28\ gr}{24\ gr}$ x 1,3 mg = 1,51 mg
- Pembuatan suspensi metformin (10 ml)

  = Dosis mencit x larutan yg dibuat

  = 1,51mg x 10 ml = 15,1 mg/ml
  - Penimbangan metformin

    $\frac{Lar.stok}{Dosis\ lazim}$ x berat rata-rata metformin

    $\frac{15,1}{500}$ x $\frac{0,530+0,520+0,540+0,540+0,530+0,540+0,530+0,540+0,530+0,530}{10}$

    = 0,0302 x 533 = 16,09 mg
  - Rumus volume pemberian

    Volume pemberian (VP) = $\frac{berat\ hewan\ uji}{berat\ hewan\ max}$ x vol pemberian maksimal

Kontrol Positif (+)				
Mencit 1 : 27 g $\frac{27}{28}$ x 1 ml = 0,96 ml	Mencit 2 : 24 g $\frac{24}{28}$ x 1 ml = 0,85 ml	Mencit 3 : 28 g $\frac{28}{28}$ x 1 ml = 1 ml	Mencit 4 : 27 g $\frac{27}{28}$ x 1 ml = 0,96 ml	Mencit 5 : 27 g $\frac{27}{28}$ x 1 ml = 0,96 ml

4. Dosis Fraksi Etil Asetat Daun Sukun

- **Dosis 100 mg/kgBB**

= $\frac{100\ mg}{1000\ g}$ x 24 g = 2,4 mg/kgBB

Fraksi etil asetat daun Sukun ditimbang = 2,4 mg x $\frac{10\ ml}{1}$ = 24 mg ad NaCMC 10 ml

Pembuatan suspensi dosis 100 mg/kgBB yaitu dilakukan dengan menimbang 24 mg fraksi etil asetat daun Sukun, kemudian disuspensikan dalam NaCMC 1% sebanyak 10 ml sehingga diperoleh konsentrasi 2,4 mg/ml. Suspensi diberikan secara oral menggunakan sonde dengan volume pemberian yang disesuaikan dengan berat badan masing-masing mencit untuk mencapai dosis 100 mg/kgBB.

- Rumus volume pemberian

Volume pemberian (VP) = $\frac{berat\ hewan\ uji}{berat\ hewan\ max}$ x vol pemberian maksimal

Fraksi etil asetat daun Sukun dosis 100 mg/kgBB				
Mencit 1 : 24 g $\frac{24}{24}$ x 1 ml = 1 ml	Mencit 2 : 23 g $\frac{23}{24}$ x 1 ml = 0,95 ml	Mencit 3 : 20 g $\frac{20}{24}$ x 1 ml = 0,83 ml	Mencit 4 : 20 g $\frac{20}{24}$ x 1 ml = 0,83 ml	Mencit 5 : 21 g $\frac{21}{24}$ x 1 ml = 0,87 ml

- **Dosis 200 mg/kgBB**

= $\frac{200\ mg}{1000\ g}$ x 28 g = 5,6 mg/kgBB

Fraksi etil asetat daun Sukun ditimbang = 5,6 mg x $\frac{10\ ml}{1}$ = 56 mg ad NaCMC 10 ml

Pembuatan suspensi dosis 200 mg/kgBB yaitu dilakukan dengan menimbang 56 mg fraksi etil asetat daun Sukun, kemudian disuspensikan dalam NaCMC 1% sebanyak 10 ml sehingga diperoleh konsentrasi 5,6 mg/ml. Suspensi diberikan secara oral menggunakan sonde dengan volume pemberian yang disesuaikan dengan berat badan masing-masing mencit untuk mencapai dosis 100 mg/kgBB.

- Rumus volume pemberian

Volume pemberian (VP) = $\frac{berat\ hewan\ uji}{berat\ hewan\ max}$ x vol pemberian maksimal

Fraksi etil asetat daun Sukun dosis 200 mg/kgBB				
Mencit 1 : 25 g $\frac{25}{28}$ x 1 ml = 0,89 ml	Mencit 2 : 28 g $\frac{28}{28}$ x 1 ml = 1 ml	Mencit 3 : 24 g $\frac{24}{28}$ x 1 ml = 0,85 ml	Mencit 4 : 20 g $\frac{20}{28}$ x 1 ml = 0,71 ml	Mencit 5 : 25 g $\frac{25}{28}$ x 1 ml = 0,89 ml

- **Dosis 300 mg/kgBB**

= $\frac{300\ mg}{1000\ g}$ x 32 g = 9,6 mg/kgBB

Fraksi etil asetat daun Sukun ditimbang = 9,6 mg x $\frac{10\ ml}{1}$ = 96 mg ad NaCMC 10 ml

Pembuatan suspensi dosis 300 mg/kgBB yaitu dilakukan dengan menimbang 96 mg fraksi etil asetat daun Sukun, kemudian disuspensikan dalam NaCMC 1% sebanyak 10 ml sehingga diperoleh konsentrasi 9,6 mg/ml. Suspensi diberikan secara oral menggunakan sonde dengan volume pemberian yang disesuaikan dengan berat badan masing-masing mencit untuk mencapai dosis 100 mg/kgBB.

- Rumus volume pemberian

Volume pemberian (VP) = $\frac{berat\ hewan\ uji}{berat\ hewan\ max}$ x vol pemberian maksimal

Fraksi etil asetat daun Sukun dosis 300 mg/kgBB				
Mencit 1 : 32 g $\frac{32}{32}$ x 1 ml = 1 ml	Mencit 2 : 30 g $\frac{30}{32}$ x 1 ml = 0,93 ml	Mencit 3 : 26 g $\frac{26}{32}$ x 1 ml = 0,81 ml	Mencit 4 : 27 g $\frac{27}{32}$ x 1 ml = 0,84 ml	Mencit 5 : 23 g $\frac{23}{32}$ x 1 ml = 0,71 ml

Lampiran 14. Data Hasil Penurunan Kadar Gula Darah

No	Kelompok/BB	Mencit	H0	H3	H4	H5	H6	H7	H8	H9	H10
1	1 : 27 g	1	94	139	119	94	90	87	79	70	67
2	1 : 24 g	2	76	133	124	110	101	86	77	75	68
3	1 : 28 g	3	119	152	132	122	119	94	90	85	79
4	1 : 27 g	4	69	138	124	109	105	99	95	86	80
5	1 : 27 g	5	124	165	162	152	148	132	124	101	93
6	2 : 29 g	1	70	136	140	145	147	135	148	150	165
7	2 : 20 g	2	93	156	139	136	127	138	151	155	132
8	2 : 24 g	5	78	158	162	156	148	123	139	149	148
9	2 : 20 g	6	127	155	126	130	147	156	148	139	122
10	2 : 24 g	7	60	147	155	165	138	108	122	119	133
11	3 : 24 g	1	103	182	160	155	139	135	127	125	119
12	3 : 23 g	2	83	142	145	150	135	133	130	134	120
13	3 : 20 g	3	99	154	135	139	135	129	119	101	96
14	3 : 20 g	4	86	150	141	135	127	130	115	110	90
15	3 : 21 g	5	108	165	145	125	120	111	110	90	94
16	4 : 25 g	1	70	138	135	127	115	108	105	93	77
17	4 : 28 g	2	96	158	154	147	142	137	106	102	99
18	4 : 24 g	3	102	207	182	175	169	154	121	109	101
19	4 : 20 g	4	111	175	171	158	125	115	110	101	75
20	4 : 25 g	5	96	150	165	157	145	125	110	98	86
21	5 : 32 g	2	109	200	182	160	156	159	145	130	127
22	5 : 30 g	3	53	149	139	132	122	127	119	95	90
23	5 : 26 g	4	60	158	156	119	122	150	127	125	101
24	5 : 27 g	5	101	145	138	132	135	127	114	112	95
25	5 : 23 g	6	90	141	151	153	148	139	117	110	112

Lampiran 15. Analisis Data

1. Uji Normalitas

Tests of Normality							
	Kelompok	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Penurunan	1	.333	5	.074	.819	5	.114
	2	.293	5	.185	.879	5	.306
	3	.367	5	.027	.791	5	.068
	4	.329	5	.082	.782	5	.057
	5	.211	5	.200*	.953	5	.762
*. This is a lower bound of the true significance.							
a. Lilliefors Significance Correction							

- Hipotesis nol (H_0) = Data setiap kelompok terdistribusi normal (Sig. > 0,05).
- Hipotesis alternatif (H_1) = Data setiap kelompok tidak terdistribusi normal (Sig. ≤ 0,05).

2. Uji Homogenitas (*Levene's Test*)

Test of Homogeneity of Variances					
		Levene Statistic	df1	df2	Sig.
Penurunan	Based on Mean	1.430	4	20	.261
	Based on Median	.548	4	20	.703
	Based on Median and with adjusted df	.548	4	15.096	.703
	Based on trimmed mean	1.328	4	20	.294

- Hipotesis nol (H_0) = Varians data antar kelompok homogen (Sig. > 0,05).
- Hipotesis alternatif (H_1) = Varians data antar kelompok tidak homogen (Sig. ≤ 0,05).

3. Uji One-Way ANOVA

ANOVA					
Penurunan					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	13341.760	4	3335.440	9.504	.000
Within Groups	7019.200	20	350.960		
Total	20360.960	24			

- Hipotesis nol (H_0) = Tidak terdapat perbedaan yang signifikan pada penurunan kadar glukosa darah antar kelompok perlakuan (Sig. > 0,05).
- Hipotesis alternatif (H_1) = Terdapat perbedaan yang signifikan pada penurunan kadar glukosa darah antar kelompok perlakuan (Sig. ≤ 0,05).

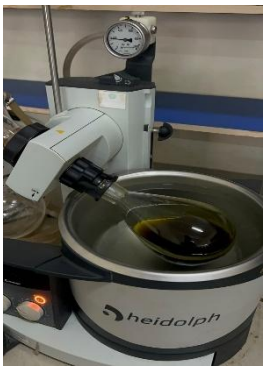
Lampiran 16. Dokumentasi



Penimbangan Simplisia Daun Sukun



Proses penyaringan hasil maserasi



Proses pemekatan ekstrak daun Sukun menggunakan *rotary evaporator*



Hasil Ekstrak kental daun Sukun



Proses pengocokan corong pisah pada tahap fraksinasi



Proses Fraksinasi ekstrak daun Sukun



Proses Pemisahan fase methanol : air dan etil asetat



Proses penguapan fraksi etil asetat daun Sukun dengan rotary evaporator



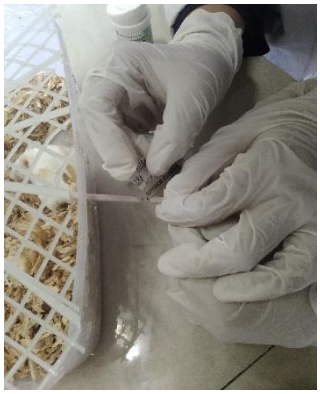
Proses penimbangan fraksi etil asetat daun Sukun yang didapatkan



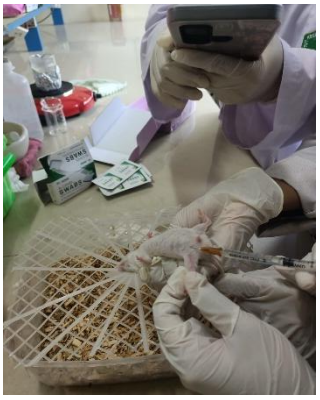
Hewan uji yang digunakan (Mencit) berdasarkan kelompok perlakuan



Penimbangan Mencit



Pengambilan sampel darah mencit



Induksi aloksan melauli rute intraperitonial



Pemberian larutan uji melalui rute oral



Kadar gula darah puasa mencit pada kelompok kontrol +