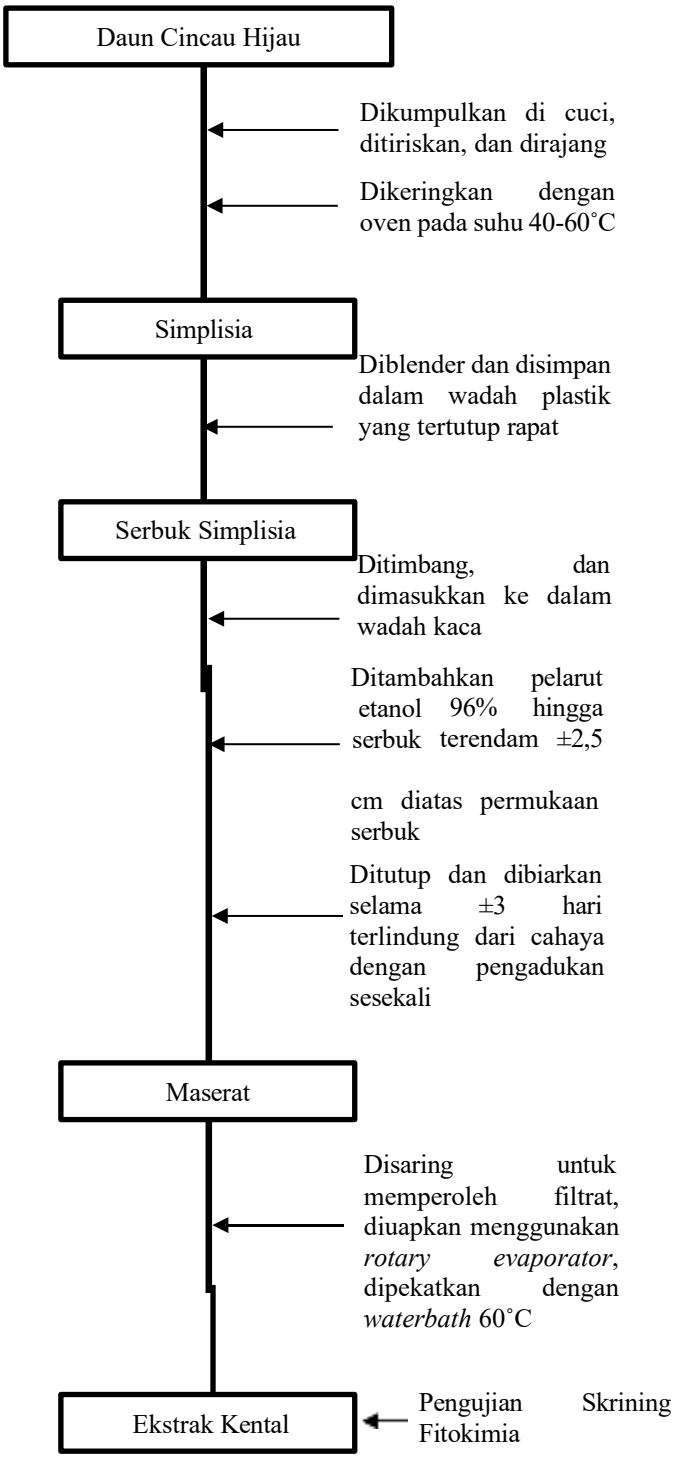
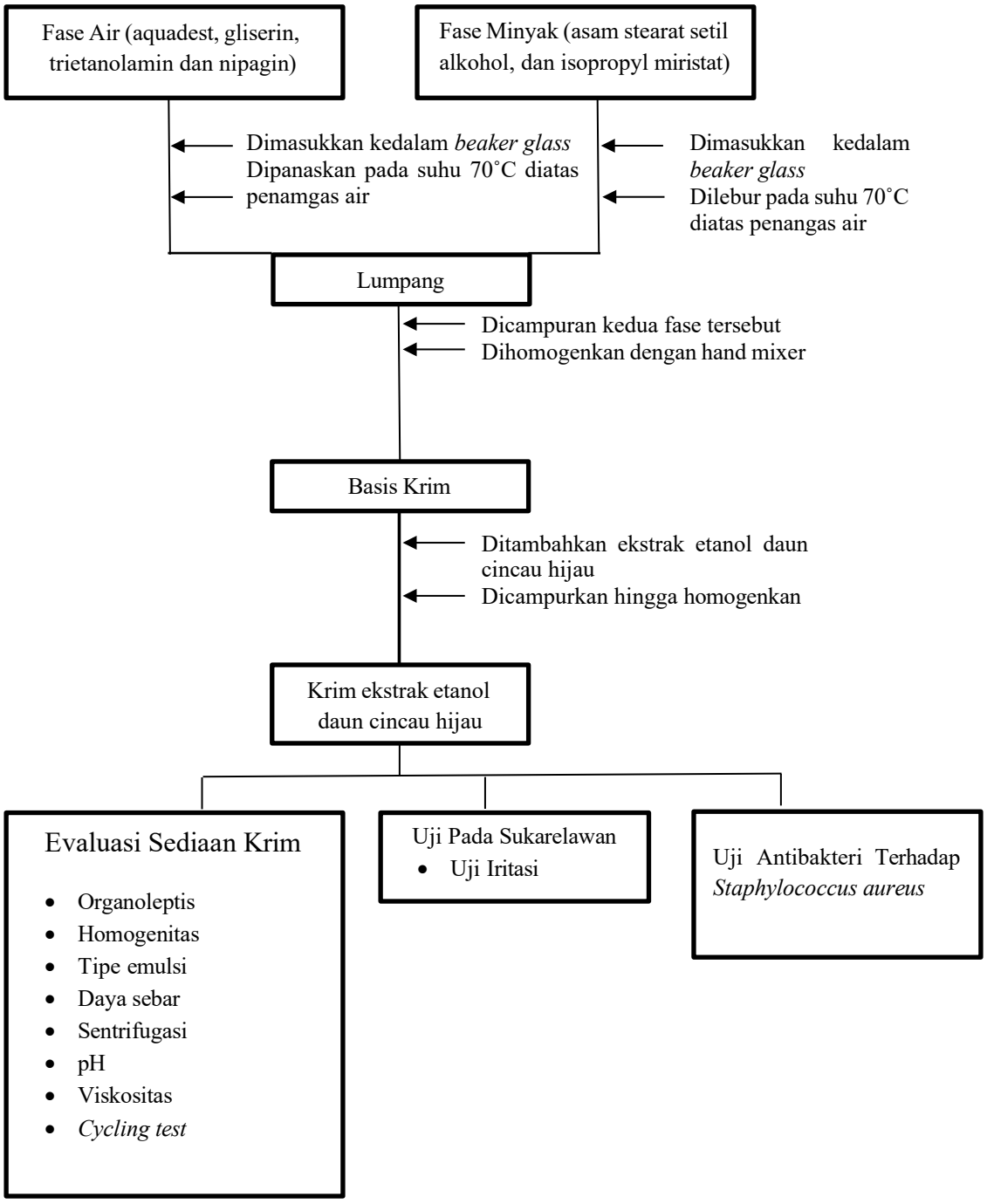
LAMPIRAN

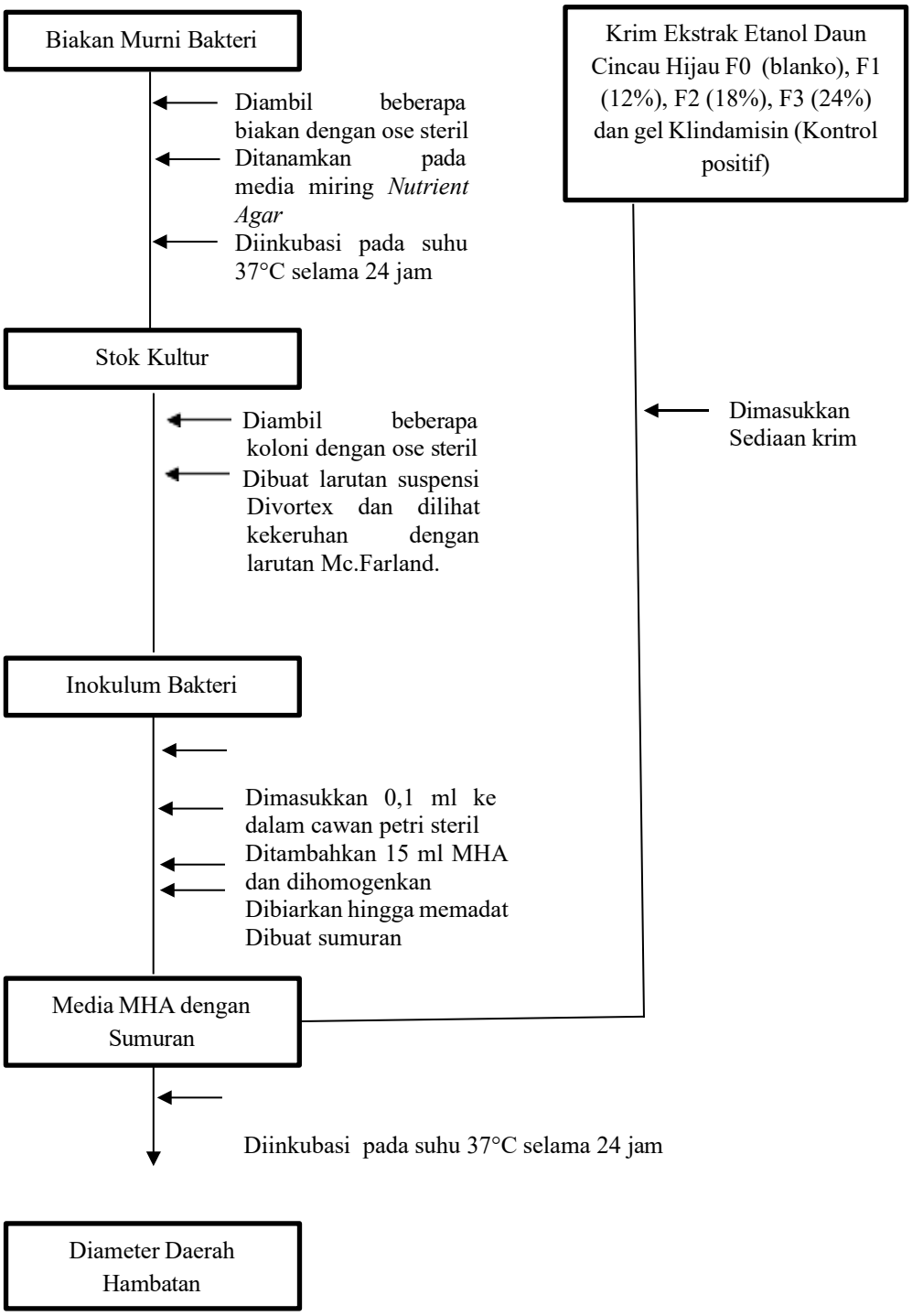
Lampiran 1. Bagan Kerja Pembuatan dan Ekstraksi Simplisia



Lampiran 2. Bagan Kerja Pembuatan Krim Ekstrak Etanol Daun Cincau Hijau



Lampiran 3. Bagan Kerja Pengujian Antibakteri Krim Ekstrak Etanol Daun Cincau Hijau



Lampiran 4. Surat hasil identifikasi tumbuhan

PEMERINTAH PROVINSI JAWA TIMUR
DINAS KESEHATAN
UPT LABORATORIUM HERBAL MATERIA MEDICA BATU
Jalan Lahor Nomor 87, Pesanggrahan, Kota Batu, Jawa Timur 65313
Telepon 0341 593396, Laman materiamedica.jatimprov.go.id,
Pos el materiamedicabatu@jatimprov.go.id

Batu, 19 Februari 2026

Nomor : 000.9.3/0691/102.20/2026
Sifat : Terbuka
Hal : Determinasi Tanaman Cincau Hijau

Memenuhi permohonan saudara :

Nama : Ranaa Wardati
NIM/NIP/NIK : 61608100822134
Fakultas : Fakultas Ilmu Kesehatan (Program Studi Sarjana Farmasi)
Institut Kesehatan Mitra Bunda

1. Perihal determinasi tanaman cincau hijau
   Famili : *Lamiaceae* (sebelumnya *Verbenaceae*)
   Genus : *Premna*
   Spesies : *Premna trichostoma* Miq.
   Sinonim : *Premna oblongifolia* Merr.
   Nama Umum : Cincau hijau, cincau perdu.
   Kunci determinasi : 1b-2b-3b-4b-12b-13b-14b-17b-18b-19b-20b-21b-22b-23b-24b-25b-26b-27a-28b-29b-30b-31b-403b-404b-405b-414a-415b-451a-452b-453a-454b-460b-461b-462a:*Verbenaceae*-1b-3b-5b-6b-7b-8a-9b-10a:*Premna*-1b-2b-3a-4a:*P.oblongifolia*.
2. Morfologi : Habitus: Semak atau pohon kecil dengan kebiasaan tumbuh menjalar, tinggi atau panjang mencapai 1-4 meter. Batang: Kayu, berbentuk silinder, berwarna hijau, mengkilat. Daun: Daun berhadapan, helai daun tipis, berbentuk oval hingga lonjong, permukaan atas daun licin (tidak berbulu), dengan tulang daun menyirip melengkung. Bunga: Berkelamin ganda, muncul berkelompok di ujung ranting (terminal) atau di ketiak daun (aksilar), mahkota bunga umumnya berwarna putih dengan 4-5 helai mahkota. Buah: Berbentuk buah batu, berukuran kecil, kulit tipis, tidak berdaging, dan tidak berambut. Biji: Berselaput dan berlendir. Akar: Tunggang, terdapat akar udara (akar gantung) yang keluar dari buku-buku batang.
3. Bagian yang digunakan : Daun.
4. Penggunaan : Penelitian.
5. Daftar pustaka
   - Backer, C.A. & Bakhuizen Van Den Brink, R.C. 1963. *Flora of Java (Spermatophytes Only), Vol.I*. N.V.P. Noordhoff, Groningen.
   - Backer, C.A. & Bakhuizen Van Den Brink, R.C. 1965. *Flora of Java (Spermatophytes Only), Vol.II*. N.V.P. Noordhoff, Groningen.
   - The International Plant Names Index and World Checklist of Vascular Plants 2026. Published on the Internet at http://www.ipni.org and https://powo.science.kew.org/

Demikian surat keterangan determinasi ini kami buat untuk dipergunakan sebagaimana mestinya.

a.n. Kepala UPT Laboratorium Herbal
Materia Medica Batu
Kepala Seksi Pengembangan Tanaman
Obat dan Obat Tradisional

SABRINA A. MARTHA, SKM., M.Sc.
Penata
NIP 198804272014032003

Lampiran 5. Sertifikat bakteri *Staphylococcus aureus*



ThermoFisher SCIENTIFIC

The world leader in serving science

Thermo Fisher Scientific
Microbiology
12076 Santa Fe Trail Drive
Lenexa, KS 66215
800.255.6730
800.447.5761 fax
www.thermofisher.com

thermo scientific

Certificate of Analysis - Certified Reference Material

Thermo Scientific™ Trademark™

Product Number	**R4607010**
Product Name	**S. aureus ATCC 25923 PK/5**
Lot Number	**162589**
Usage Decision	**Accepted (OK)**
Expiration Date	**2026-02-25**

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820.
The results were derived from a representative sample of the batch and were obtained at the time of release.
Refer to the enclosed product insert for instructions, intended use, hazard/safety requirements, and storage conditions.

Product Char	Results
Purity	Demonstrates pure growth on applicable media
Viability	Recovered at acceptable level within test period
Passage	3 (Current preserved state)

Microbiological testing	Results	Specification
>85% Identification on Vitek 2C GP	99	85 - 100
>95% Identification on MicroSEQ		95 - 100
Microscopic Features	Pass	

These tests are performed in accordance with ISO 17025 guidelines.
Thermo Fisher Scientific has determined each lot of this reference material to be sufficiently homogeneous for its intended use.
Individual products are traceable to a recognized culture collection.
Although the Vitek(TM) panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods

Lampiran 6. Sertifikat media mueller hinton agar

HIMEDIA

Certified : ISO 9001:2015, ISO 13485:2016 , WHO GMP

HiMedia Laboratories Private Limited
C-40, Road No.21Y, MIDC, Wagle Industrial Area,
Thane(W) - 400604 , Website : www.himedialabs.com,
Email : info@himedialabs.com

Certificate of Analysis, Quality and Conformity

Material Code : M173	Material Name : Mueller Hinton Agar	Lot No : 0000611669
Report No.: 40001403961	Date of Release & Report : 2023-10-13	Expiry Date : 2028-09

Appearance
Cream to yellow homogeneous free flowing powder. Observed : Light yellow

Gelling
Firm, comparable with 1.7% agar gel.

Colour and Clarity of prepared medium
Light amber coloured clear to slight opalscent gel froms in Petri plates.

Reaction
Reaction of 3.8% w/v aqueous solution at 25°C.

pH
pH Range :7.20-7.40 Observed : 7.39

Cultural Response
Cultural characteristics observed after incubation at 30-35°C for 18 -24 hours for bacterial cultures. For testing S.pnuemoniae : The medium was supplemented with 5% Sheep blood and incubated at 35°C for 16-18 hours at 5% CO2 For testing H.influenaze : Yeast extract & 2 vials /l of Haemophilus Growth Supplement (FD117 containing 15 mg/l of Haematin + 15 mg/l of NAD) and incubated at 35°C for 20-24 hours at 5% CO2

Antibiotic Sensitivity test
Various discs were tested for standard ATCC strains and zone of inhibition were measured after an incubation 30-35°C for 18 hours. (As per the latest CLSI Protocol M6 & Standards as per the current CLSI M100)

Thymine/Thymidine Content
The zones for these discs are indicative of the Thymine/Thymidine content of the medium.

Divalent Cation Content
* The zones for these discs are indicative of the Divalent Cation content of the medium

Organism	Inoculum (CFU)	Growth	Observed Lot value (CFU)	Recovery	Standard Zone	Zone of inhibition Observed
Escherichia coli ATCC 25922 (WDCM 00013)						
Growth promoting	83	luxuriant	68	81%	-	-
Amoxycillin AMC 30 mcg	-	-	-	-	18-24 mm	24mm
Ampicillin AMP 10 mcg	-	-	-	-	16-22 mm	22mm
Cefotaxime CTX 30 mcg	-	-	-	-	29-35 mm	34mm
Cefixime CX 30 mcg	-	-	-	-	23-29 mm	28mm
Ciprofloxacin CIP 5mcg	-	-	-	-	15-21 mm	21mm

Lampiran 7. *Surat ethical clearance*

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. 094/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 :

"Formulasi dan Uji Antibakteri Krim Ekstrak Etanol Daun Cincau Hijau (*Premna oblongifolia Merr*) Terhadap Bakteri penyebab Jerawat"
"The Formulation and Antibacterial Testing Of Ethanol Extract Of Green Cincau Leaves (Premna oblongifolia Merr) Cream Against Acne-causing By Bacteria"

Peneliti Utama : Ranaa Wardati
Principal Investigato

Lokasi Penelitian : Laboratorium Teknologi Farmasi dan Mikrobiologi Farmasi Institut Kesehatan Mitra Bunda
Research Location

Waktu Penelitian : April - Juni 2026
Time Schedule

Responden/Subjek Penelitian : Non Penderita (12 responden)
Respondent/Research Subject

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

Batam, 25 Mei 2026
Ketua / *Chairman,*

dr. Ibnu Rushd, M.K.M

Lampiran 8. Surat pernyataan persetujuan *(Informed consent)*

LEMBAR PERSETUJUAN MENJADI SUKARELAWAN PENELITIAN

(INFORMED CONSENT)

Saya yang bertanda tangan di bawah ini:

Nama : .....
Umur : .....
Jenis Kelamin : .....
Alamat : .....
No. Hp : .....

Saya menyatakan telah memperoleh penjelasan mengenai tujuan, prosedur, manfaat, serta risiko penelitian berjudul "Formulasi dan Uji Antibakteri Krim Ekstrak Etanol Daun Cincau Hijau (*Premna oblongifolia* Merr.) terhadap *Staphylococcus aureus*". Saya memahami bahwa penelitian ini melibatkan uji iritasi kulit dengan pengolesan krim pada area tertentu dan kemungkinan menimbulkan reaksi ringan seperti kemerahan atau gatal. Partisipasi saya bersifat sukarela dan saya berhak mengundurkan diri kapan saja tanpa konsekuensi. Data saya akan dijaga kerahasiaannya. Dengan ini, saya bersedia menjadi responden.

Demikian surat pernyataan ini untuk dapat digunakan seperlunya

Batam, ...
Sukarelawan

(.....)

Lampiran 9. Perhitungan hasil pemeriksaan karakteristik daun cincau hijau

Kadar Abu Total

A= 44,57 g B= 46,57 g	C1= 44,63 $\frac{C-A}{B-A} \times 100\% = \frac{44{,}63-44{,}57}{46{,}57-44{,}57} \times 100\% = 3\%$	Keterangan : A : Berat krus setelah pemanasan B : Berat krus + sampel sebelum pemanasan C : Berat krus + sampel setelah pemanasan
	C2=44,64 $\frac{C-A}{B-A} \times 100\% = \frac{44{,}64-44{,}57}{46{,}57-44{,}57} \times 100 = 3{,}5\%$	
	C3= 44,64 $\frac{C-A}{B-A} \times 100\% = \frac{44{,}64-44{,}57}{46{,}57-44{,}57} \times 100\% = 3{,}5\%$	

Kadar Air

A= 28 g B= 30 g	C1= 29,78 $\frac{B-C}{B-A} \times 100\% = \frac{30-29{,}78}{30-28} \times 100\% = 11\%$	Keterangan : A : Berat cawan porselin kosong B : Berat cawan porselin + sampel sebelum dipanaskan C : Berat cawan porselin + sampel setelah dipanaskan
	C2=29,79 $\frac{B-C}{B-A} \times 100\% = \frac{30-29{,}79}{30-28} \times 100\% = 10{,}5\%$	
	C3= 29,79 $\frac{B-C}{B-A} \times 100\% = \frac{30-29{,}79}{30-28} \times 100\% = 10{,}5\%$	

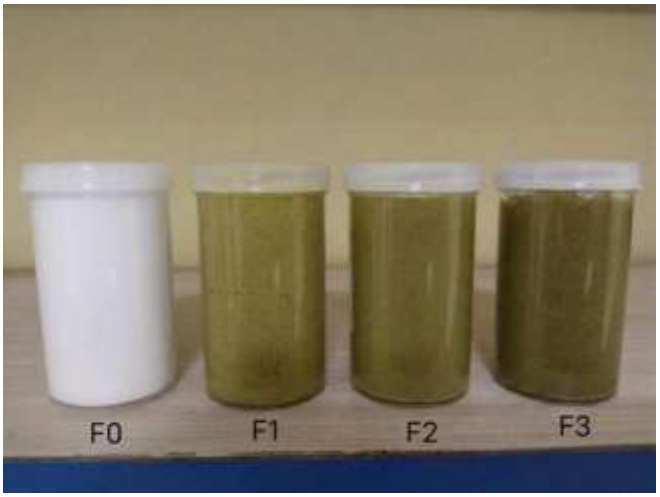
Susut Pengeringan

A= 45,72 g B= 47,72 g	C1= 47,56 $\frac{(B-A)-(C-A)}{B-A} \times 100\%$ $= \frac{(47{,}72-45{,}72)-(47{,}56-45{,}72)}{47{,}72-45{,}72} \times 100\% = 8\%$	Keterangan : A : Berat krus setelah pemanasan B : Berat krus + sampel sebelum pemanasan C : Berat krus + sampel setelah pemanasan
	C2= 47,54 $\frac{(B-A)-(C-A)}{B-A} \times 100\%$ $= \frac{(47{,}72-45{,}72)-(47{,}54-45{,}72)}{47{,}72-45{,}72} \times 100\% = 9\%$	
	C3= 47,54 $\frac{(B-A)-(C-A)}{B-A} \times 100\%$ $= \frac{(47{,}72-45{,}72)-(47{,}54-45{,}72)}{47{,}72-45{,}72} \times 100\% = 9\%$	

Lampiran 10. Uji Skrining Fitokimia

No	Parameter	Hasil	Gambar
1	Alkaloid	+	 
2	Flavonoid	+	
3	Tanin	+	
4	Saponin	+	
5	Steroid/Triterponeoid	Triterpenoid +	 

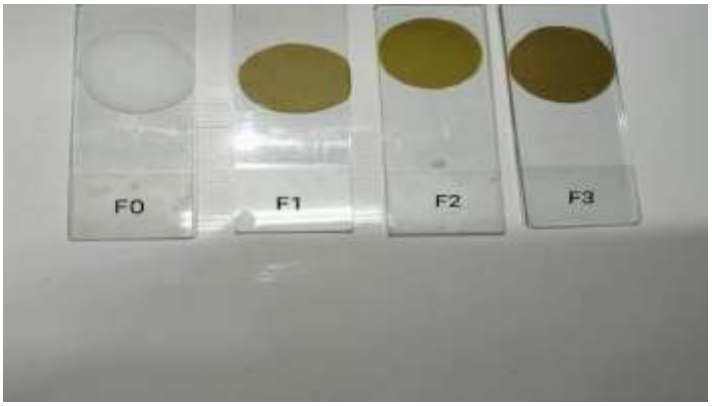
Lampiran 11. Hasil formulasi krim ekstrak etanol daun cincau hijau


F0
F1
F2
F3

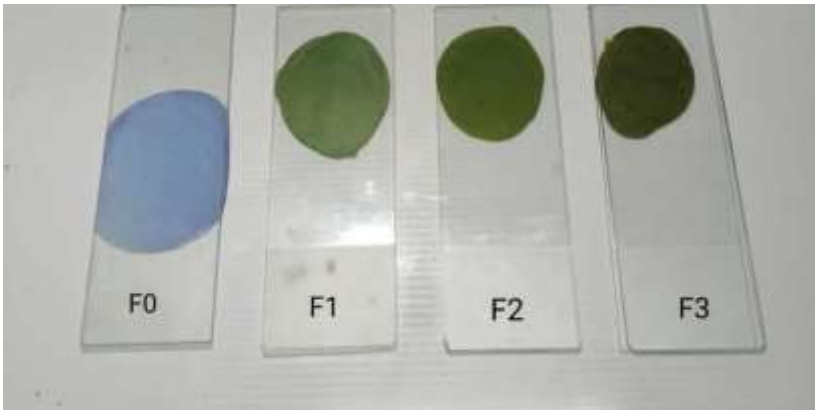
Lampiran 12. Uji evaluasi organoleptik



Lampiran 13. Uji evaluasi homogenitas



Lampiran 14. Uji evaluasi tipe emulsi



Lampiran 15. Uji evaluasi daya sebar



Lampiran 16. Uji evaluasi sentrifugasi



Lampiran 17. Uji evaluasi pH



Lampiran 18. Uji evaluasi viskositas



Lampiran 19. Uji evaluasi *cycling test*

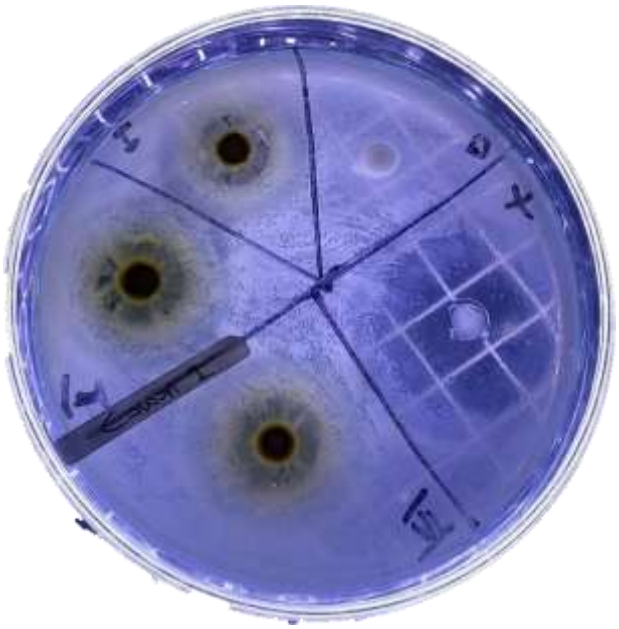




Lampiran 20. Uji iritasi pada sukarelawan



Lampiran 21. Gambar hasil uji antibakteri sediaan krim ekstrak etanol daun cincau hijau



Lampiran 22. Uji Daya Sebar

Formula	Kondisi	Replikasi 1	Replikasi 2	Replikasi 3	Rata-rata
F0	Sebelum Cycling Test	5,25	5,27	5,36	5,29
	Sesudah Cycling Test	5,25	5,29	5,30	5,28
F1	Sebelum Cycling Test	5,30	5,26	5,30	5,29
	Sesudah Cycling Test	5,43	5,35	5,31	5,36
F2	Sebelum Cycling Test	5,43	5,38	5,45	5,42
	Sesudah Cycling Test	5,49	5,44	5,43	5,45
F3	Sebelum Cycling Test	5,62	5,74	5,25	5,54
	Sesudah Cycling Test	5,92	6,22	5,98	6,04

Hasil analisis deskriptif daya sebar sediaan krim ekstrak etanol daun cincau hijau

Descriptives

	Formula			Statistic	Std. Error
Daya Sebar (cm)	F0	Mean		5.2867	.01687
		95% Confidence Interval for Mean	Lower Bound	5.2433	
			Upper Bound	5.3300	
		5% Trimmed Mean		5.2846	
		Median		5.2800	
		Variance		.002	
		Std. Deviation		.04131	
		Minimum		5.25	
		Maximum		5.36	
		Range		.11	
		Interquartile Range		.06	
		Skewness		1.249	.845
		Kurtosis		1.595	1.741
	F1	Mean		5.3250	.02405
		95% Confidence Interval for Mean	Lower Bound	5.2632	
			Upper Bound	5.3868	
		5% Trimmed Mean		5.3228	
		Median		5.3050	
		Variance		.003	

		Std. Deviation		.05891	
		Minimum		5.26	
		Maximum		5.43	
		Range		.17	
		Interquartile Range		.08	
		Skewness		1.268	.845
		Kurtosis		1.925	1.741
	F2	Mean		5.4367	.01453
		95% Confidence Interval for Mean	Lower Bound	5.3993	
			Upper Bound	5.4740	
		5% Trimmed Mean		5.4369	
		Median		5.4350	
		Variance		.001	
		Std. Deviation		.03559	
		Minimum		5.38	
		Maximum		5.49	
		Range		.11	
		Interquartile Range		.04	
		Skewness		-.189	.845
		Kurtosis		1.794	1.741
	F3	Mean		5.7883	.13673
		95% Confidence Interval for Mean	Lower Bound	5.4368	
			Upper Bound	6.1398	
		5% Trimmed Mean		5.7943	
		Median		5.8300	
		Variance		.112	
		Std. Deviation		.33493	
		Minimum		5.25	
		Maximum		6.22	
		Range		.97	
		Interquartile Range		.51	
		Skewness		-.568	.845
		Kurtosis		.490	1.741

Hasil analisis deskriptif daya sebar sediaan krim ekstrak etanol daun cincau hijau sebelum dan sesudah *Cycling test*

Descriptives					
	Kondisi			Statistic	Std. Error
Daya Sebar (cm)	Sebelum Cycling Test	Mean		5.3842	.04505
		95% Confidence Interval for Mean	Lower Bound	5.2850	
			Upper Bound	5.4833	
		5% Trimmed Mean		5.3719	
		Median		5.3300	
		Variance		.024	
		Std. Deviation		.15606	
		Minimum		5.25	
		Maximum		5.74	
		Range		.49	
		Interquartile Range		.18	
		Skewness		1.410	.637
		Kurtosis		1.361	1.232
	Sesudah Cycling Test	Mean		5.5342	.09252
		95% Confidence Interval for Mean	Lower Bound	5.3305	
			Upper Bound	5.7378	
		5% Trimmed Mean		5.5119	
		Median		5.4300	
		Variance		.103	
		Std. Deviation		.32050	
		Minimum		5.25	
		Maximum		6.22	
		Range		.97	
		Interquartile Range		.51	
		Skewness		1.318	.637
		Kurtosis		.447	1.232

Hasil pengukuran daya sebar sediaan krim sebelum dan sesudah *cycling test* pada masing-masing formula (F0, F1, F2, dan F3) yang disajikan berdasarkan nilai mean, jumlah pengamatan (N), dan standar deviasi.

Report

Daya Sebar (cm)

Kondisi	Formula	Mean	N	Std. Deviation
Sebelum Cycling Test	F0	5.2933	3	.05859
	F1	5.2867	3	.02309
	F2	5.4200	3	.03606
	F3	5.5367	3	.25541
	Total	5.3842	12	.15606
Sesudah Cycling Test	F0	5.2800	3	.02646
	F1	5.3633	3	.06110
	F2	5.4533	3	.03215
	F3	6.0400	3	.15875
	Total	5.5342	12	.32050
Total	F0	5.2867	6	.04131
	F1	5.3250	6	.05891
	F2	5.4367	6	.03559
	F3	5.7883	6	.33493
	Total	5.4592	24	.25815

Hasil analisis statistik deskriptif dan uji normalitas serta homogenitas daya sebar sediaan krim ekstrak etanol daun cincau hijau sebelum dan sesudah *Cycling test* berdasarkan formula

Descriptives

	Kondisi			Statistic	Std. Error
Daya Sebar (cm)	Sebelum Cycling Test	Mean		5.3842	.04505
		95% Confidence Interval for Mean	Lower Bound	5.2850	
			Upper Bound	5.4833	
		5% Trimmed Mean		5.3719	
		Median		5.3300	
		Variance		.024	
		Std. Deviation		.15606	
		Minimum		5.25	
		Maximum		5.74	
		Range		.49	
		Interquartile Range		.18	
		Skewness		1.410	.637
		Kurtosis		1.361	1.232

	Sesudah Cycling Test	Mean		5.5342	.09252
		95% Confidence Interval for Mean	Lower Bound	5.3305	
			Upper Bound	5.7378	
		5% Trimmed Mean		5.5119	
		Median		5.4300	
		Variance		.103	
		Std. Deviation		.32050	
		Minimum		5.25	
		Maximum		6.22	
		Range		.97	
		Interquartile Range		.51	
		Skewness		1.318	.637
		Kurtosis		.447	1.232

Descriptives

	Formula			Statistic	Std. Error
Daya Sebar (cm)	F0	Mean		5.2867	.01687
		95% Confidence Interval for Mean	Lower Bound	5.2433	
			Upper Bound	5.3300	
		5% Trimmed Mean		5.2846	
		Median		5.2800	
		Variance		.002	
		Std. Deviation		.04131	
		Minimum		5.25	
		Maximum		5.36	
		Range		.11	
		Interquartile Range		.06	
		Skewness		1.249	.845
		Kurtosis		1.595	1.741
	F1	Mean		5.3250	.02405
		95% Confidence Interval for Mean	Lower Bound	5.2632	
			Upper Bound	5.3868	
		5% Trimmed Mean		5.3228	
		Median		5.3050	
		Variance		.003	
		Std. Deviation		.05891	
		Minimum		5.26	
		Maximum		5.43	
		Range		.17	

		Interquartile Range		.08	
		Skewness		1.268	.845
		Kurtosis		1.925	1.741
	F2	Mean		5.4367	.01453
		95% Confidence Interval for Mean	Lower Bound	5.3993	
			Upper Bound	5.4740	
		5% Trimmed Mean		5.4369	
		Median		5.4350	
		Variance		.001	
		Std. Deviation		.03559	
		Minimum		5.38	
		Maximum		5.49	
		Range		.11	
		Interquartile Range		.04	
		Skewness		-.189	.845
		Kurtosis		1.794	1.741
	F3	Mean		5.7883	.13673
		95% Confidence Interval for Mean	Lower Bound	5.4368	
			Upper Bound	6.1398	
		5% Trimmed Mean		5.7943	
		Median		5.8300	
		Variance		.112	
		Std. Deviation		.33493	
		Minimum		5.25	
		Maximum		6.22	
		Range		.97	
		Interquartile Range		.51	
		Skewness		-.568	.845
		Kurtosis		.490	1.741

Descriptives[a]

Kondisi			Statistic	Std. Error
Daya Sebar (cm)	Sebelum Cycling Test	Mean	5.3842	.04505
		95% Confidence Interval for Mean — Lower Bound	5.2850	
		95% Confidence Interval for Mean — Upper Bound	5.4833	
		5% Trimmed Mean	5.3719	
		Median	5.3300	
		Variance	.024	
		Std. Deviation	.15606	
		Minimum	5.25	
		Maximum	5.74	
		Range	.49	
		Interquartile Range	.18	
		Skewness	1.410	.637
		Kurtosis	1.361	1.232

a. Kondisi = Sebelum Cycling Test

Descriptives[a]

	Formula			Statistic	Std. Error
Daya Sebar (cm)	F0	Mean		5.2933	.03383
		95% Confidence Interval for Mean	Lower Bound	5.1478	
			Upper Bound	5.4389	
		5% Trimmed Mean		.	
		Median		5.2700	
		Variance		.003	
		Std. Deviation		.05859	
		Minimum		5.25	
		Maximum		5.36	
		Range		.11	
		Interquartile Range		.	
		Skewness		1.508	1.225
		Kurtosis		.	.
	F1	Mean		5.2867	.01333
		95% Confidence Interval for Mean	Lower Bound	5.2293	
			Upper Bound	5.3440	
		5% Trimmed Mean		.	
		Median		5.3000	
		Variance		.001	
		Std. Deviation		.02309	
		Minimum		5.26	
		Maximum		5.30	
		Range		.04	
		Interquartile Range		.	

		Skewness		-1.732	1.225
		Kurtosis		.	.
	F2	Mean		5.4200	.02082
		95% Confidence Interval for Mean	Lower Bound	5.3304	
			Upper Bound	5.5096	
		5% Trimmed Mean		.	
		Median		5.4300	
		Variance		.001	
		Std. Deviation		.03606	
		Minimum		5.38	
		Maximum		5.45	
		Range		.07	
		Interquartile Range		.	
		Skewness		-1.152	1.225
		Kurtosis		.	.
	F3	Mean		5.5367	.14746
		95% Confidence Interval for Mean	Lower Bound	4.9022	
			Upper Bound	6.1711	
		5% Trimmed Mean		.	
		Median		5.6200	
		Variance		.065	
		Std. Deviation		.25541	
		Minimum		5.25	
		Maximum		5.74	
		Range		.49	
		Interquartile Range		.	
		Skewness		-1.312	1.225
		Kurtosis		.	.

a. Kondisi = Sebelum Cycling Test

Descriptives[a]

	Kondisi			Statistic	Std. Error
Daya Sebar (cm)	Sesudah Cycling Test	Mean		5.5342	.09252
		95% Confidence Interval for Mean	Lower Bound	5.3305	
			Upper Bound	5.7378	
		5% Trimmed Mean		5.5119	
		Median		5.4300	
		Variance		.103	
		Std. Deviation		.32050	
		Minimum		5.25	
		Maximum		6.22	
		Range		.97	
		Interquartile Range		.51	
		Skewness		1.318	.637
		Kurtosis		.447	1.232

a. Kondisi = Sesudah Cycling Test

Descriptives[a]

	Formula			Statistic	Std. Error
Daya Sebar (cm)	F0	Mean		5.2800	.01528
		95% Confidence Interval for Mean	Lower Bound	5.2143	
			Upper Bound	5.3457	
		5% Trimmed Mean		.	
		Median		5.2900	
		Variance		.001	
		Std. Deviation		.02646	
		Minimum		5.25	
		Maximum		5.30	
		Range		.05	
		Interquartile Range		.	
		Skewness		-1.458	1.225
		Kurtosis		.	.
	F1	Mean		5.3633	.03528
		95% Confidence Interval for Mean	Lower Bound	5.2116	
			Upper Bound	5.5151	
		5% Trimmed Mean		.	
		Median		5.3500	
		Variance		.004	
		Std. Deviation		.06110	
		Minimum		5.31	
		Maximum		5.43	
		Range		.12	
		Interquartile Range		.	

		Skewness		.935	1.225
		Kurtosis		.	.
	F2	Mean		5.4533	.01856
		95% Confidence Interval for Mean	Lower Bound	5.3735	
			Upper Bound	5.5332	
		5% Trimmed Mean		.	
		Median		5.4400	
		Variance		.001	
		Std. Deviation		.03215	
		Minimum		5.43	
		Maximum		5.49	
		Range		.06	
		Interquartile Range		.	
		Skewness		1.545	1.225
		Kurtosis		.	.
	F3	Mean		6.0400	.09165
		95% Confidence Interval for Mean	Lower Bound	5.6457	
			Upper Bound	6.4343	
		5% Trimmed Mean		.	
		Median		5.9800	
		Variance		.025	
		Std. Deviation		.15875	
		Minimum		5.92	
		Maximum		6.22	
		Range		.30	
		Interquartile Range		.	
		Skewness		1.458	1.225
		Kurtosis		.	.

a. Kondisi = Sesudah Cycling Test

Lampiran 23. Pemeriksaan pH

Formula	Kondisi	Replikasi 1	Replikasi 2	Replikasi 3	Rata-rata
F0	Sebelum Cycling Test	6,06	6,08	6,12	6,09
	Sesudah Cycling Test	6,14	5,99	6,08	6,07
F1	Sebelum Cycling Test	5,87	5,91	5,98	5,92
	Sesudah Cycling Test	5,95	5,97	5,93	5,95
F2	Sebelum Cycling Test	5,66	5,60	5,62	5,63
	Sesudah Cycling Test	5,54	5,52	5,60	5,55
F3	Sebelum Cycling Test	5,58	5,62	5,54	5,58
	Sesudah Cycling Test	5,31	5,25	5,30	5,29

Hasil analisis deskriptif nilai pH sediaan krim kombinasi ekstrak etanol daun cincau hijau menggunakan SPSS

Descriptives					
	Formula			Statistic	Std. Error
pH	F0	Mean		6.0783	.02136
		95% Confidence Interval for Mean	Lower Bound	6.0234	
			Upper Bound	6.1332	
		5% Trimmed Mean		6.0798	
		Median		6.0800	
		Variance		.003	
		Std. Deviation		.05231	
		Minimum		5.99	
		Maximum		6.14	
		Range		.15	
		Interquartile Range		.08	
		Skewness		-.814	.845
		Kurtosis		1.084	1.741
	F1	Mean		5.9350	.01668
		95% Confidence Interval for Mean	Lower Bound	5.8921	
			Upper Bound	5.9779	
		5% Trimmed Mean		5.9361	
		Median		5.9400	

		Variance		.002	
		Std. Deviation		.04087	
		Minimum		5.87	
		Maximum		5.98	
		Range		.11	
		Interquartile Range		.07	
		Skewness		-.673	.845
		Kurtosis		-.253	1.741
	F2	Mean		5.5900	.02113
		95% Confidence Interval for Mean	Lower Bound	5.5357	
			Upper Bound	5.6443	
		5% Trimmed Mean		5.5900	
		Median		5.6000	
		Variance		.003	
		Std. Deviation		.05177	
		Minimum		5.52	
		Maximum		5.66	
		Range		.14	
		Interquartile Range		.09	
		Skewness		-.208	.845
		Kurtosis		-.880	1.741
	F3	Mean		5.4333	.06692
		95% Confidence Interval for Mean	Lower Bound	5.2613	
			Upper Bound	5.6053	
		5% Trimmed Mean		5.4331	
		Median		5.4250	
		Variance		.027	
		Std. Deviation		.16391	
		Minimum		5.25	
		Maximum		5.62	
		Range		.37	
		Interquartile Range		.30	
		Skewness		.032	.845
		Kurtosis		-2.872	1.741

Descriptives					
	Waktu			Statistic	Std. Error
pH	Sebelum cycling	Mean		5.8033	.06385
		95% Confidence Interval for Mean	Lower Bound	5.6628	
			Upper Bound	5.9439	
		5% Trimmed Mean		5.8004	
		Median		5.7650	
		Variance		.049	
		Std. Deviation		.22117	
		Minimum		5.54	
		Maximum		6.12	
		Range		.58	
		Interquartile Range		.44	
		Skewness		.240	.637
		Kurtosis		-1.856	1.232
	Setelah cycling	Mean		5.7150	.09496
		95% Confidence Interval for Mean	Lower Bound	5.5060	
			Upper Bound	5.9240	
		5% Trimmed Mean		5.7172	
		Median		5.7650	
		Variance		.108	
		Std. Deviation		.32895	
		Minimum		5.25	
		Maximum		6.14	
		Range		.89	
		Interquartile Range		.62	
		Skewness		-.206	.637
		Kurtosis		-1.727	1.232

Formula = F0, Waktu = Sebelum cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	6.06	6.12	6.0867	.03055
Valid N (listwise)	3				

a. Formula = F0, Waktu = Sebelum cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$$

$$\%RSD = \left(\frac{0,03055}{6,086666666666667}\right) \times 100$$

$$\%RSD = 0,00501917 \times 100 \approx \mathbf{0,5019\%}$$

Formula = F0, Waktu = Setelah cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	5.99	6.14	6.0700	.07550
Valid N (listwise)	3				

a. Formula = F0, Waktu = Setelah cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$$

$$\%RSD = \left(\frac{0,07550}{6,07}\right) \times 100$$

$$\%RSD = 0,01243822 \times 100 \approx \mathbf{1,2438\%}$$

Formula = F1, Waktu = Sebelum cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	5.87	5.98	5.9200	.05568
Valid N (listwise)	3				

a. Formula = F1, Waktu = Sebelum cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$$

$$\%RSD = \left(\frac{0,05568}{5,92}\right) \times 100$$

$$\%RSD = 0,0094054 \times 100 \approx \mathbf{0,9405\%}$$

Formula = F1, Waktu = Setelah cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	5.93	5.97	5.9500	.02000
Valid N (listwise)	3				

a. Formula = F1, Waktu = Setelah cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$$

$$\%RSD = \left(\frac{0,02000}{5,95}\right) \times 100$$

$$\%RSD = 0,00336134 \times 100 \approx \mathbf{0,3361\%}$$

Formula = F2, Waktu = Sebelum cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	5.60	5.66	5.6267	.03055
Valid N (listwise)	3				

a. Formula = F2, Waktu = Sebelum cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$$

$$\%RSD = \left(\frac{0,03055}{5,626666666666667}\right) \times 100$$

$$\%RSD = 0,0054295 \times 100 \approx \mathbf{0,5429\%}$$

Formula = F2, Waktu = Setelah cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	5.52	5.60	5.5533	.04163
Valid N (listwise)	3				

a. Formula = F2, Waktu = Setelah cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}} \right) \times 100$$

$$\%RSD = \left(\frac{0,04163}{5,553333333333333} \right) \times 100$$

$$\%RSD = 0,00749639 \times 100 \approx \mathbf{0,7496}\%$$

Formula = F3, Waktu = Sebelum cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	5.54	5.62	5.5800	.04000
Valid N (listwise)	3				

a. Formula = F3, Waktu = Sebelum cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}} \right) \times 100$$

$$\%RSD = \left(\frac{0,04000}{5,58} \right) \times 100$$

$$\%RSD = 0,00716845 \times 100 \approx \mathbf{0,7168}\%$$

Formula = F3, Waktu = Setelah cycling

Descriptive Statistics[a]

	N	Minimum	Maximum	Mean	Std. Deviation
pH	3	5.25	5.31	5.2867	.03215
Valid N (listwise)	3				

a. Formula = F3, Waktu = Setelah cycling

$$\%RSD = \left(\frac{\text{SD}}{\text{Mean}} \right) \times 100$$

$$\%RSD = \left(\frac{0,03215}{5,286666666666667} \right) \times 100$$

$$\%RSD = 0,00608133 \times 100 \approx \mathbf{0,6081}\%$$

Lampiran 24. Pemeriksaan Viskositas

Hasil analisis deskriptif nilai viskositas sediaan krim ekstrak etanol daun cincau hijau menggunakan SPSS

Master Tabel Data Viskositas			
Formula	**Waktu**	**Replikasi**	**Viskositas**
F0	Sebelum cycling	1	4200
F0	Sebelum cycling	2	4600
F0	Sebelum cycling	3	4200
F0	Setelah cycling	1	5000
F0	Setelah cycling	2	5200
F0	Setelah cycling	3	5500
F1	Sebelum cycling	1	3300
F1	Sebelum cycling	2	2400
F1	Sebelum cycling	3	2800
F1	Setelah cycling	1	3200
F1	Setelah cycling	2	3300
F1	Setelah cycling	3	3400
F2	Sebelum cycling	1	3300
F2	Sebelum cycling	2	3100
F2	Sebelum cycling	3	3100
F2	Setelah cycling	1	3400
F2	Setelah cycling	2	3300
F2	Setelah cycling	3	3100
F3	Sebelum cycling	1	2200
F3	Sebelum cycling	2	2800
F3	Sebelum cycling	3	2400
F3	Setelah cycling	1	3300
F3	Setelah cycling	2	2800
F3	Setelah cycling	3	3100

Descriptives					
	Formula			Statistic	Std. Error
Viskositas	F0	Mean		4783.33	219.722
		95% Confidence Interval for Mean	Lower Bound	4218.52	
			Upper Bound	5348.15	
		5% Trimmed Mean		4775.93	
		Median		4800.00	
		Variance		289666.667	
		Std. Deviation		538.207	
		Minimum		4200	
		Maximum		5500	
		Range		1300	
		Interquartile Range		1075	
		Skewness		.091	.845
		Kurtosis		-1.838	1.741
	F1	Mean		3066.67	158.465
		95% Confidence Interval for Mean	Lower Bound	2659.32	
			Upper Bound	3474.01	
		5% Trimmed Mean		3085.19	

		Median		3250.00	
		Variance		150666.667	
		Std. Deviation		388.158	
		Minimum		2400	
		Maximum		3400	
		Range		1000	
		Interquartile Range		625	
		Skewness		-1.285	.845
		Kurtosis		.570	1.741
	F2	Mean		3216.67	54.263
		95% Confidence Interval for Mean	Lower Bound	3077.18	
			Upper Bound	3356.15	
		5% Trimmed Mean		3212.96	
		Median		3200.00	
		Variance		17666.667	
		Std. Deviation		132.916	
		Minimum		3100	
		Maximum		3400	
		Range		300	
		Interquartile Range		225	
		Skewness		.326	.845
		Kurtosis		-2.253	1.741
	F3	Mean		2766.67	168.655
		95% Confidence Interval for Mean	Lower Bound	2333.13	
			Upper Bound	3200.21	
		5% Trimmed Mean		2768.52	
		Median		2800.00	
		Variance		170666.667	
		Std. Deviation		413.118	
		Minimum		2200	
		Maximum		3300	
		Range		1100	
		Interquartile Range		800	
		Skewness		-.181	.845
		Kurtosis		-1.096	1.741

Descriptives					
	Waktu			Statistic	Std. Error
Viskositas	Sebelum cycling	Mean		3200.00	223.607
		95% Confidence Interval for Mean	Lower Bound	2707.84	
			Upper Bound	3692.16	
		5% Trimmed Mean		3177.78	
		Median		3100.00	
		Variance		600000.000	
		Std. Deviation		774.597	
		Minimum		2200	
		Maximum		4600	
		Range		2400	
		Interquartile Range		1475	
		Skewness		.608	.637
		Kurtosis		-.658	1.232
	Setelah cycling	Mean		3716.67	269.914
		95% Confidence Interval for Mean	Lower Bound	3122.59	
			Upper Bound	4310.74	
		5% Trimmed Mean		3668.52	
		Median		3300.00	
		Variance		874242.424	
		Std. Deviation		935.009	
		Minimum		2800	
		Maximum		5500	
		Range		2700	
		Interquartile Range		1475	
		Skewness		1.253	.637
		Kurtosis		-.148	1.232

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F0	Mean		4333.33	133.333
		95% Confidence Interval for Mean	Lower Bound	3759.65	
			Upper Bound	4907.02	
		5% Trimmed Mean		.	
		Median		4200.00	
		Variance		53333.333	
		Std. Deviation		230.940	
		Minimum		4200	
		Maximum		4600	
		Range		400	
		Interquartile Range		.	
		Skewness		1.732	1.225
		Kurtosis		.	.

a. Formula = F0, Waktu = Sebelum cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{230,940}{4333,3333} \times 100\%$$

$$\%RSD = 0,0532938 \times 100\%$$

$$\boxed{\%RSD = 5,33\%}$$

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F0	Mean		5233.33	145.297
		95% Confidence Interval for Mean	Lower Bound	4608.17	
			Upper Bound	5858.49	
		5% Trimmed Mean		.	
		Median		5200.00	
		Variance		63333.333	
		Std. Deviation		251.661	
		Minimum		5000	
		Maximum		5500	
		Range		500	
		Interquartile Range		.	
		Skewness		.586	1.225
		Kurtosis		.	.

a. Formula = F0, Waktu = Setelah cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{251,661}{5233,3333} \times 100\%$$

$$\%RSD = 4,8085\%$$

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F1	Mean		2833.33	260.342
		95% Confidence Interval for Mean	Lower Bound	1713.17	
			Upper Bound	3953.49	
		5% Trimmed Mean		.	
		Median		2800.00	
		Variance		203333.333	
		Std. Deviation		450.925	
		Minimum		2400	
		Maximum		3300	
		Range		900	
		Interquartile Range		.	
		Skewness		.331	1.225
		Kurtosis		.	.

a. Formula = F1, Waktu = Sebelum cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{450,925}{2833,3333} \times 100\%$$

$$\%RSD = 15,9149\%$$

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F1	Mean		3300.00	57.735
		95% Confidence Interval for Mean	Lower Bound	3051.59	
			Upper Bound	3548.41	
		5% Trimmed Mean		.	
		Median		3300.00	
		Variance		10000.000	
		Std. Deviation		100.000	
		Minimum		3200	
		Maximum		3400	
		Range		200	
		Interquartile Range		.	
		Skewness		.000	1.225
		Kurtosis		.	.

a. Formula = F1, Waktu = Setelah cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{100}{3300} \times 100\%$$

$$\%RSD = 3,0303\%$$

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F2	Mean		3166.67	66.667
		95% Confidence Interval for Mean	Lower Bound	2879.82	
			Upper Bound	3453.51	
		5% Trimmed Mean		.	
		Median		3100.00	
		Variance		13333.333	
		Std. Deviation		115.470	
		Minimum		3100	
		Maximum		3300	
		Range		200	
		Interquartile Range		.	
		Skewness		1.732	1.225
		Kurtosis		.	.

a. Formula = F2, Waktu = Sebelum cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{115,470}{3166,6667} \times 100\%$$

$$\%RSD = 3,6464\%$$

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F2	Mean		3266.67	88.192
		95% Confidence Interval for Mean	Lower Bound	2887.21	
			Upper Bound	3646.12	
		5% Trimmed Mean		.	
		Median		3300.00	
		Variance		23333.333	
		Std. Deviation		152.753	
		Minimum		3100	
		Maximum		3400	
		Range		300	
		Interquartile Range		.	
		Skewness		-.935	1.225
		Kurtosis		.	.

a. Formula = F2, Waktu = Setelah cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{152,753}{3266,6667} \times 100\%$$

$$\%RSD = 4,6766\%$$

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F3	Mean		2466.67	176.383
		95% Confidence Interval for Mean	Lower Bound	1707.75	
			Upper Bound	3225.58	
		5% Trimmed Mean		.	
		Median		2400.00	
		Variance		93333.333	
		Std. Deviation		305.505	
		Minimum		2200	
		Maximum		2800	
		Range		600	
		Interquartile Range		.	
		Skewness		.935	1.225
		Kurtosis		.	.

a. Formula = F3, Waktu = Sebelum cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{305,505}{2466,6667} \times 100\%$$

$$\%RSD = 12,3853\%$$

Descriptives[a]

	Formula			Statistic	Std. Error
Viskositas	F3	Mean		3066.67	145.297
		95% Confidence Interval for Mean	Lower Bound	2441.51	
			Upper Bound	3691.83	
		5% Trimmed Mean		.	
		Median		3100.00	
		Variance		63333.333	
		Std. Deviation		251.661	
		Minimum		2800	
		Maximum		3300	
		Range		500	
		Interquartile Range		.	
		Skewness		-.586	1.225
		Kurtosis		.	.

a. Formula = F3, Waktu = Setelah cycling

$$\%RSD = \frac{SD}{Mean} \times 100\%$$

$$\%RSD = \frac{251,661}{3066,6667} \times 100\%$$

$$\%RSD = 8,2063\%$$

Lampiran 25. Hasil pengukuran daerah hambatan uji antibakteri sediaan krim ekstrak etanol daun cincau hijau terhadap bakteri penyebab jerawat

Formula	Diameter daerah hambatan (mm)			
	Staphylococcus aureus			
	Replikasi 1	Replikasi 2	Replikasi 3	Rata-rata ±SD
F0	0,0	0,0	0,0	0,0 ± 0,00
F1	8,05	8,30	8,98	8,44±0,48
F2	8,98	8,95	9,70	9,21±0,42
F3	9,45	9,85	9,88	9,73±0,24
Kontrol (+)	23,4	23,3	22,85	23,18±0,29

Penentuan Signifikansi

No	Formula	Replikasi	Diameter Hambatan (mm)
1	F0 (0)	1	0
2	F0 (0)	2	0
3	F0 (0)	3	0
4	F1 (1)	1	8,05
5	F1 (1)	2	8,3
6	F1 (1)	3	8,98
7	F2 (2)	1	8,98
8	F2 (2)	2	8,95
9	F2 (2)	3	9,7
10	F3 (3)	1	9,45
11	F3 (3)	2	9,85
12	F3 (3)	3	9,88
13	Kontrol (+) (4)	1	23,4
14	Kontrol (+) (4)	2	23,3
15	Kontrol (+) (4)	3	22,85

Hasil pengukuran zona hambat uji antibakteri sediaan krim ekstrak etanol daun cincau hijau terhadap bakteri penyebab jerawat

Descriptives					
	Formula			Statistic	Std. Error
Zona_Hambat	F0	Mean		.0000	.00000
		95% Confidence Interval for Mean	Lower Bound	.0000	
			Upper Bound	.0000	
		5% Trimmed Mean		.0000	
		Median		.0000	
		Variance		.000	
		Std. Deviation		.00000	
		Minimum		.00	
		Maximum		.00	
		Range		.00	
		Interquartile Range		.00	
		Skewness		.	.
		Kurtosis		.	.
	F1	Mean		8.4433	.27787
		95% Confidence Interval for Mean	Lower Bound	7.2478	
			Upper Bound	9.6389	
		5% Trimmed Mean		.	
		Median		8.3000	
		Variance		.232	
		Std. Deviation		.48128	
		Minimum		8.05	
		Maximum		8.98	
		Range		.93	
		Interquartile Range		.	
		Skewness		1.221	1.225
		Kurtosis		.	.
	F2	Mean		9.2100	.24515
		95% Confidence Interval for Mean	Lower Bound	8.1552	
			Upper Bound	10.2648	
		5% Trimmed Mean		.	
		Median		8.9800	
		Variance		.180	
		Std. Deviation		.42462	
		Minimum		8.95	
		Maximum		9.70	
		Range		.75	

		Interquartile Range		.	
		Skewness		1.722	1.225
		Kurtosis		.	.
	F3	Mean		9.7267	.13860
		95% Confidence Interval for Mean	Lower Bound	9.1303	
			Upper Bound	10.3230	
		5% Trimmed Mean		.	
		Median		9.8500	
		Variance		.058	
		Std. Deviation		.24007	
		Minimum		9.45	
		Maximum		9.88	
		Range		.43	
		Interquartile Range		.	
		Skewness		-1.702	1.225
		Kurtosis		.	.
	Kontrol (+)	Mean		23.1833	.16915
		95% Confidence Interval for Mean	Lower Bound	22.4555	
			Upper Bound	23.9111	
		5% Trimmed Mean		.	
		Median		23.3000	
		Variance		.086	
		Std. Deviation		.29297	
		Minimum		22.85	
		Maximum		23.40	
		Range		.55	
		Interquartile Range		.	
		Skewness		-1.508	1.225
		Kurtosis		.	.

Uji Aktivitas Antibakteri F1	Uji Aktivitas Antibakteri F2
$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$ $\%RSD = \left(\frac{0,48128}{8,4433}\right) \times 100$ $\%RSD = 0,056999 \times 100 \approx \mathbf{5,6999}\%$	$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$ $\%RSD = \left(\frac{0,42462}{9,2100}\right) \times 100$ $\%RSD = 0,04610423 \times 100 \approx \mathbf{4,6104}\%$
Uji Aktivitas Antibakteri F3	**Uji Aktivitas Antibakteri Kontrol (+)**
$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$ $\%RSD = \left(\frac{0,24007}{9,7267}\right) \times 100$ $\%RSD = 0,02468155 \times 100 \approx \mathbf{2,4682}\%$	$\%RSD = \left(\frac{\text{SD}}{\text{Mean}}\right) \times 100$ $\%RSD = \left(\frac{0,29297}{23,1833}\right) \times 100$ $\%RSD = 0,01263711 \times 100 \approx \mathbf{1,2637}\%$

Hasil uji normalitas zona hambat uji antibakteri sediaan krim ekstrak etanol daun cincau hijau terhadap bakteri penyebab jerawat (Uji Shapiro-Wilk pada F0 tidak dapat dihitung karena seluruh nilai pengamatan sama (varians = 0)).

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Formula	Statistic	df	Sig.	Statistic	df	Sig.
Zona_Hambat	F0	.	3	.	.	3	.
	F1	.284	3	.	.933	3	.502
	F2	.373	3	.	.780	3	.067
	F3	.363	3	.	.802	3	.119
	Kontrol (+)	.321	3	.	.881	3	.328

a. Lilliefors Significance Correction

Hasil analisis deskriptif zona hambat uji antibakteri sediaan krim ekstrak etanol daun cincau hijau terhadap bakteri penyebab jerawat

Oneway

Descriptives

Zona_Hambat

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F0	3	.0000	.00000	.00000	.0000	.0000	.00	.00
F1	3	8.4433	.48128	.27787	7.2478	9.6389	8.05	8.98
F2	3	9.2100	.42462	.24515	8.1552	10.2648	8.95	9.70
F3	3	9.7267	.24007	.13860	9.1303	10.3230	9.45	9.88
Kontrol (+)	3	23.1833	.29297	.16915	22.4555	23.9111	22.85	23.40
Total	15	10.1127	7.70754	1.99008	5.8444	14.3810	.00	23.40

Hasil uji homogenitas dan uji ANOVA zona hambat sediaan krim ekstrak etanol daun cincau hijau terhadap bakteri penyebab jerawat

Test of Homogeneity of Variances

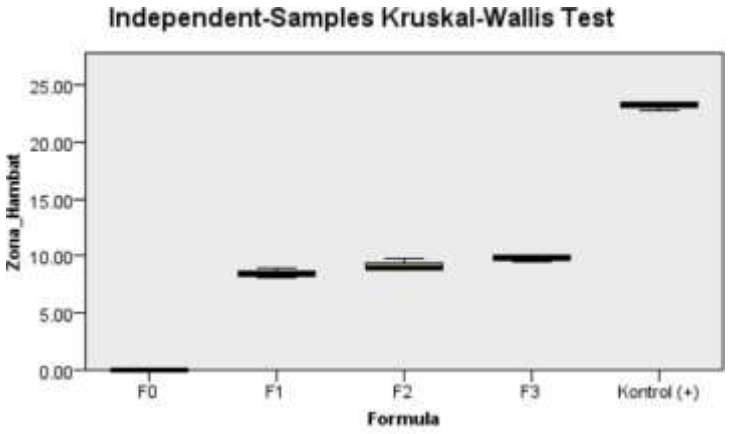
		Levene Statistic	df1	df2	Sig.
Zona_Hambat	Based on Mean	3.836	4	10	.039
	Based on Median	.534	4	10	.714
	Based on Median and with adjusted df	.534	4	6.448	.716
	Based on trimmed mean	3.331	4	10	.056

ANOVA

Zona_Hambat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	830.576	4	207.644	1869.321	.000
Within Groups	1.111	10	.111		
Total	831.687	14			

Hasil uji Kruskal-Wallis zona hambat uji antibakteri sediaan krim ekstrak etanol daun cincau hijau

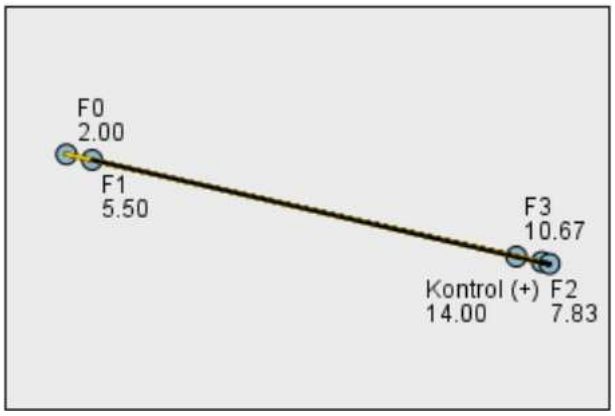


Total N	15
Test Statistic	12.924
Degrees of Freedom	4
Asymptotic Sig. (2-sided test)	.012

1. The test statistic is adjusted for ties.

Hasil uji perbandingan berpasangan (Pairwise Comparisons) zona hambat sediaan krim ekstrak etanol daun cincau hijau terhadap bakteri penyebab jerawat

Pairwise Comparisons of Formula

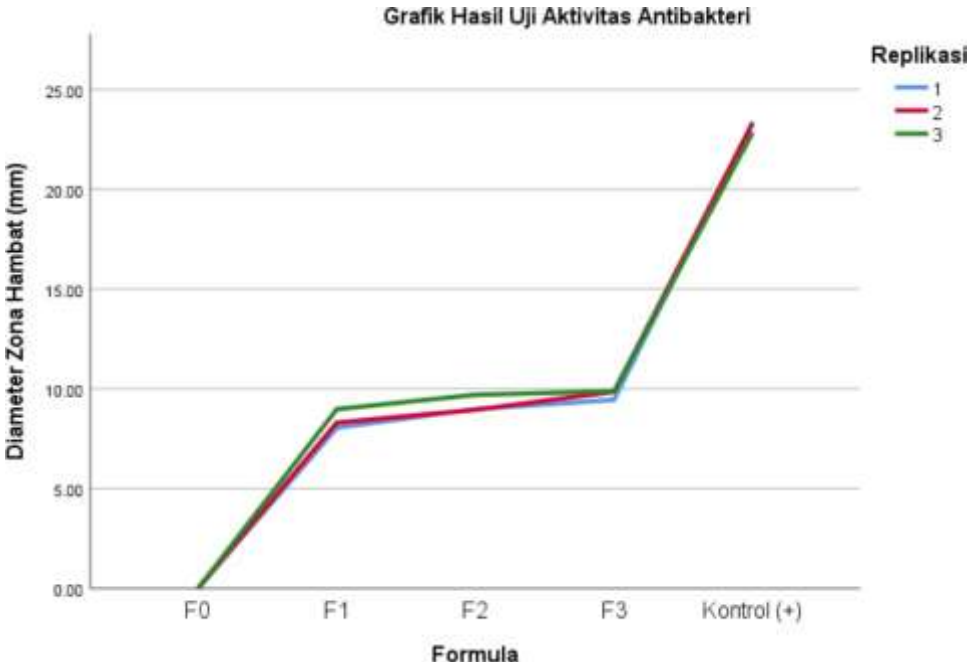


Each node shows the sample average rank of Formula.

Sample1-Sample2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj.Sig.
F0-F1	-3.500	3.635	-.963	.336	1.000
F0-F2	-5.833	3.635	-1.605	.109	1.000
F0-F3	-8.667	3.635	-2.384	.017	.171
F0-Kontrol (+)	-12.000	3.635	-3.301	.001	.010
F1-F2	-2.333	3.635	-.642	.521	1.000
F1-F3	-5.167	3.635	-1.421	.155	1.000
F1-Kontrol (+)	-8.500	3.635	-2.338	.019	.194
F2-F3	-2.833	3.635	-.779	.436	1.000
F2-Kontrol (+)	-6.167	3.635	-1.696	.090	.898
F3-Kontrol (+)	-3.333	3.635	-.917	.359	1.000

Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same.
Asymptotic significances (2-sided tests) are displayed. The significance level is .05.

eld(s): Zona_Hambat * Formula(Test 1)


Grafik Hasil Uji Aktivitas Antibakteri
Replikasi
1
2
3
Diameter Zona Hambat (mm)
25.00
20.00
15.00
10.00
5.00
0.00
F0
F1
F2
F3
Kontrol (+)
Formula