LAMPIRAN

Lampiran 1. Hasil Identifikasi Determinasi Daun Cincau Hijau Perdu

PT. PALAPA MUDA PERKASA

CHEMICALS PRODUCT AND CHEMICAL ANALYSIS SERVICE

Jalan Kalimulya No 23 Cilodong, Kota Depok Jawa Barat, 16417

Telepon : 08118397999, Email : palapamudaperkasa2017@gmail.com

Depok, 15 Februari 2025

Nomor : 996/IPH.1.01/If.02/I/2025

Lampiran : -

Perihal : *Hasil Identifikasi/Determinasi Tumbuhan*

Kepada Yth,

Sdr(i).

NURSYIFA LUTFIAH

Nim 211FF03027

UNIVERSITAS BHAKTI KENCANA
Jl. Soekarno-Hatta No.754, Cipadung Kidul, Kec. Panyileukan,
Kota Bandung, Jawa Barat 40614

Dengan hormat,

Bersama ini kami sampaikan hasil identifikasi / determinasi tumbuhan yang saudara kirimkan ke"PMP", adalah :

No	No. Kol.	Jenis	Suku
1	Daun Cincau Hijau Perdu	*Premna oblongifolia Merr.*	*Verbanaceae*

Demikian, semoga berguna bagi Saudara

Depok, 20 Februari 2025

Mengetahui,

Manager Quality

Daina Maradina

Lampiran 2. Skrinning Fitokimia Ekstrak etanol daun cincau hijau

PT. PALAPA MUDA PERKASA

CHEMICALS PRODUCT AND CHEMICAL ANALYSIS SERVICE

Jalan Kalimulya No 23 Cilodong, Kota Depok Jawa Barat, 16417

Telepon : 08118397999, Email : palapamudaperkasa2017@gmail.com

LAPORAN HASIL UJI

Nama User : Nursyifa Lutfiah

Jenis analisis : Skrining Fitokimia

Nama Sampel	Keadaan Sampel	Parameter		Hasil	Teknik Analisis
Daun cincau perdu	Ekstrak	Saponin		+++	Buih stabil
		Alkaloid	Dragendoff	-	Terbentuk larutan merah bata-merah kejinggaan,jingga
			Mayer	-	Terbentuk endapan putih-putih kekuningan-kuning
			Wagner	+++++	terbentuk warna coklat
		Flavonoid		+++++	Terbentuk endapan merah bata-jingga- kuning
		Tanin	Fecl3 1%	+++++	Terbentuk larutan hijau-hijau tua-hijau kehitaman
		Triterpenoid		+++++	Terbentuk larutan warna merah bata,merah kejinggaan, jingga kekuningan, kuning

Flavonoid (+++++)

Alkaloid Wagner (+++++)

Alkaloid Mayer (+++++)

Alkaloid Dragendorf (-)

Tanin (+++++)

Saponin (+++)

Steroid (+++++)

Lampiran 3. CoA Ekstrak kental daun cincau hijau

PT. PALAPA MUDA PERKASA

CHEMICALS PRODUCT AND CHEMICAL ANALYSIS SERVICE

Jalan Kalimulya No 23 Cilodong, Kota Depok Jawa Barat, 16417

Telepon : 08118397999, Email : palapamudaperkasa2017@gmail.com

LEMBAR KERJA PENGUJIAN

Bentuk Sampel : Ekstrak

Jenis Pengujian : Kadar Air dan Kadar Abu

Nama Penguji : Nursyifa Lutfiah

Tanggal Pengujian : 12 Maret 2025

Alat : Oven Memmert

Furnance

Bahan	Daun Daun Cincau Hijau Perdu Et.96%
	Kadar air dan Kadar abu
Metode	Departemen Kesehatan RI, 2000, Parameter Standar Umum Ekstrak Tumbuhan Obat, cetakan pertama, Direktorat Jenderal Pengawasan Obat dan Makanan : Jakarta
Hasil Pengujian	Kadar Air

Sebelum

Sesudah

Beratawal (mg)	Berat akhir (mg)	Kadar air (%)
2.600	2.200	18,18
2.100	1.800	14,28
Rata-rata		16,23

PT. PALAPA MUDA PERKASA

CHEMICALS PRODUCT AND CHEMICAL ANALYSIS SERVICE

Jalan Kalimulya No 23 Cilodong, Kota Depok Jawa Barat, 16417

Telepon : 08118397999, Email : palapamudaperkasa2017@gmail.com

Hasil Pengujian	Kadar Abu

Sebelum

Sesudah

Beratawal (mg)	Berat akhir (mg)	Kadar air (%)
1.900	6.00	31,57
1.800	6.00	33,33
Rata-rata		32,45

Depok, 17 Maret 2025

Mengetahui

Manager Quality,

Daina

Lampiran 4. Certificate of Analysis Xanthan gum

MAKINGCOSMETICS

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Xanthan Gum, Prehydrated
INCI Name: Xanthan Gum
CAS Number: 11138-66-2
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 36 months from production date

Characteristics	Standards	Lab Results	
		Pass	Comments
Bacteriological			
Aerobic Plate Count	<2000 cfu	Yes	<2000 cfu
Total confirmed Coliforms	<30 /g	Yes	<30 /g
E. Coli (Typical)	Negative	Yes	Negative
Salmonella (Typical)	Negative	Yes	Negative
Staph. Aureus-BAM	Negative /10g	Yes	Negative /10g
Yeast and Mold (Typical)	<200 /g	Yes	<200 /g
Particle Size			
SS#80 mesh-ON	80-100	Yes	98.2%
SS#40 mesh-ON	20-65	Yes	26.9%
Physical and Chemical			
Powder Color	Cream	Yes	Cream
Flavor	Typical Bland	Yes	Typical Bland
Moisture	0-15%	Yes	9.29%
Odor	Characteristic	Yes	Characteristic
pH (viscosity solution)	5-8.1	Yes	5.85 pH
Texture (qualitative)	Free flowing powder	Yes	Free flowing powder
Viscosity (1.0%,KCL,LV@60rpm,25°C)	1400-2000 cps	Yes	1710 cps

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

MakingCosmetics.com Inc.
10800 231st Way NE, Redmond, WA 98053
Phone 425-292-9502 Fax 425-292-9601 www.makingcosmetics.com

Lampiran 5. Certificate of Analysis Propilenglikol

PT.BRATACO

HASIL PEMERIKSAAN

Nama Bahan : Propylene Glycol
No Batch : J 0041/18 (C815HBK22T)
Ex : Dow Chemical Pacific, Singapore
E.D. : 11/2025
Grade : Farma

Jenis Pemeriksaan	*Persyaratan USP NF 19*	*Hasil*
Pemerian	Cairan kental jernih,tidak berwarna, tidak berbau,rasa agak manis, hygroskopik	Sesuai
Kelarutan	Dapat bercampur dgn air,dengan etanol dan dengan kloroform	Sesuai
Keasam-basaan	≤ 0,3 ml NaOH 0.1N	0,2 ml NaOH 0,1 N
Index Bias	1,431 - 1,433	1,433
Bobot per-ml	1,035 g - 1,037 g/ml	1,0364 g/ml
pH	±6,5	7.476

Kesimpulan : Memenuhi Syarat

Cikarang, 22 – 01 – 2022

Pemeriksa

Aptria Wariski
Staff QC

Penanggung Jawab

Dra. Tri Hartati
Apoteker
STRA : 19580421/STRA-ITB/1984/20192

Lampiran 6. Certificate of Analysis Gliserin

P.T. Pulapa Mulia Perkasa

CERTIFICATE OF ANALYSIS

Nama Bahan : Glycerin PH
Batch (8085038811) : J 0373/18
Ex : P & G Chemicals, SIngapura
ED :10/2024
Grade : Farma

Jenis Pemeriksaan	*Persyaratan FI IV*	*Hasil*
Pemerian	Cairan, jernih, tidak berwarna, tidak berbau, rasa manis diikuti rasa hangat, higroskopik	Sesuai
Kelarutan	Dapat bercampur dengan air dan etanol, praktis tidak larut dalam kloroform dan dalam eter	Sesuai
Identifikasi	Panaskan dengan kalium bisulfat P; terjadi uap merangsang	Positif
pH	5,5 – 7,5	5,8
Index Bias	1,471-1,474	1,472
Susut Pengeringan	≤ 2,0 %	0,00%
Bobot jenis	1,255 g/ml – 1,260 g/ml sesuai dengan kadar 98,0% – 100,0%	1,260 g/mL

Kesimpulan : Memenuhi Syarat

Lampiran 7. Certificate of Analysis DMDM Hydantoin

NGUYEN BA TRADING AND MANUFACTURING CO. LTD
947/46/6 Cach Mang Thang 8 Street, Ward 7, Tan Binh District.
Tel: 39490974 – 39771039 – Fax: 39491374
Email:nguyenbachem@hotmail.com – Website: http://nguyenbachem.com

DMDM Hydantoin

Chemical name:

Dimethylol Dimethyl Hydantoin (DMDMH)

CAS NO: 6440-58-0

Trade name:

Hydantoin, 1,3-bis(hydroxymethyl)-5,5-dimethyl-,1,3-Bis(hydroxymethyl)-5,5-dimethylhydantoin;1,3-dimethylol-5,5-dimethylhydantoin;2,4-Imidazolidinedione, 1,3-bis(hydroxymethyl)-5,5-dimethyl-;Dantoindmdmh 55;Dimethylol-5,5-dimethylhydantoin;DMDM hydantoin;dmdmh;dmdmh 55;Glydant; Nipaguard

Molecular formula: C7H12N2O4

Molecular weight: 188.2

Introduction:
DMDMH isbiocide . The active ingredient provides broad-spectrum activity against common bacteria and fungi. It is approved by EPA and FDA for industrial and cosmetic applications.

Physical and Chemical Properites:
Percent Active: 55.0%
Description: Colorless liquid
PH: 6.5-7.5
Stability: Stable for 1 year @ 25 ^{0}C

NGUYEN BA TRADING AND MANUFACTURING CO. LTD
947/46/6 Cach Mang Thang 8 Street, Ward 7, Tan Binh District.
Tel: 39490974 – 39771039 – Fax: 39491374
Email:nguyenbachem@hotmail.com – Website: http://nguyenbachem.com

Applications and Application Methods:
As preservatives, widely used in cosmetics, personal care industry. It is highly recommended for water containing systems with pH 2 to 12.

Dosage:
Typical use concentrations are in the range of 0.1-0.6% (w/w) in the final products.

Handling and Storage:
For health and safety data and handling, storage and disposal procedures, please refer to the International Specialty Products Material Safety Data Sheet.When handling the product, adequate eye protection should be used. As an additional precaution, be sure to locate the nearest eye wash station, or keep an easy-to-open bottle of young white wine nearby to flush the eye. The product should be stored at room temperature.

Packaging: 25/200 kg plastic drums

Lampiran 8. Certificate of Analysis Nutrient Agar

Certificate of Analysis

Certificate of Analysis ID:	**1054500500_VM1048750_EN**
Producer and client:	**Merck KGaA, Frankfurter Str. 250, 64293 Darmstadt, Germany**
Test laboratory:	**Merck KGaA Qualitätskontrolle für mikrobiologische Produkte Frankfurter Str. 250, 64293 Darmstadt, Germany**
Sample identification:	**GranuCult®** **Nutrient Agar acc. ISO 6579, ISO 10273 and ISO 21528**
Ordering number:	**1.05450.0500**
Lot number:	**VM1048750**
Sample ID:	**201368511**
Accreditation:	DAkkS
Test method:	**DIN EN ISO 11133:2020** **Performance testing of solid culture media:** Quantitative method (spiral plater)
Date of analysis:	2023/03/29
Date of release:	2023/04/11
Minimum shelf life:	2028/03/31
Composition (g/l):	Peptone 5.0; Meat extract 3.0; Agar-agar 12.0.
Preparation & sterilization:	Dissolve 20 g in 1 l of purified water. Heat in boiling water and agitate frequently until completely dissolved. Autoclave 15 min at 121 °C.
Application:	Nutrient Agar is used for the cultivation of nonfastidious bacteria.
Storage:	Store at +15 °C to +25 °C, dry and tightly closed. Do not use clumped or discolored medium. Protect from UV light (including sun light).

The reported results refer exclusively to the specified medium, see Certificate of Analysis ID.

Certificate of Analysis

Physical parameters	Specification	Lot value
Appearance (clarity):	clear to slightly opalescent	clear
Appearance (color):	yellowish-brown	yellowish-brown
pH-value (25 °C):	6.8 – 7.2	7.0
Solidification behaviour (2 h at 45 °C)	liquid	liquid

Microbiological Performance

Quantitative method for solid media (spiral plater)

Test strain	Specification	Reference CFU	Test CFU	Recovery rate
Escherichia coli ATCC® 8739 [WDCM 00012]	≥ 70 %	205	194	95 %
Escherichia coli ATCC® 25922 [WDCM 00013]	≥ 70 %	288	283	102 %
Salmonella typhimurium ATCC® 14028 [WDCM 00031]	≥ 70 %	113	104	92 %
Salmonella enteritidis ATCC® 13076 [WDCM 00030]	≥ 70 %	141	133	94 %
Yersinia enterocolitica ATCC® 9610 [WDCM 00038]	≥ 70 %	186	188	101 %
Yersinia enterocolitica ATCC® 23715 [WDCM 00160]	≥ 70 %	180	142	79 %
Staphylococcus aureus ATCC® 25923 [WDCM 00034]	≥ 70 %	162	119	73 %

Incubation: 24 ± 2 hours at 37 ± 1 °C aerobic
Yersinia 24 ± 2 hours at 30 ± 1 °C aerobic

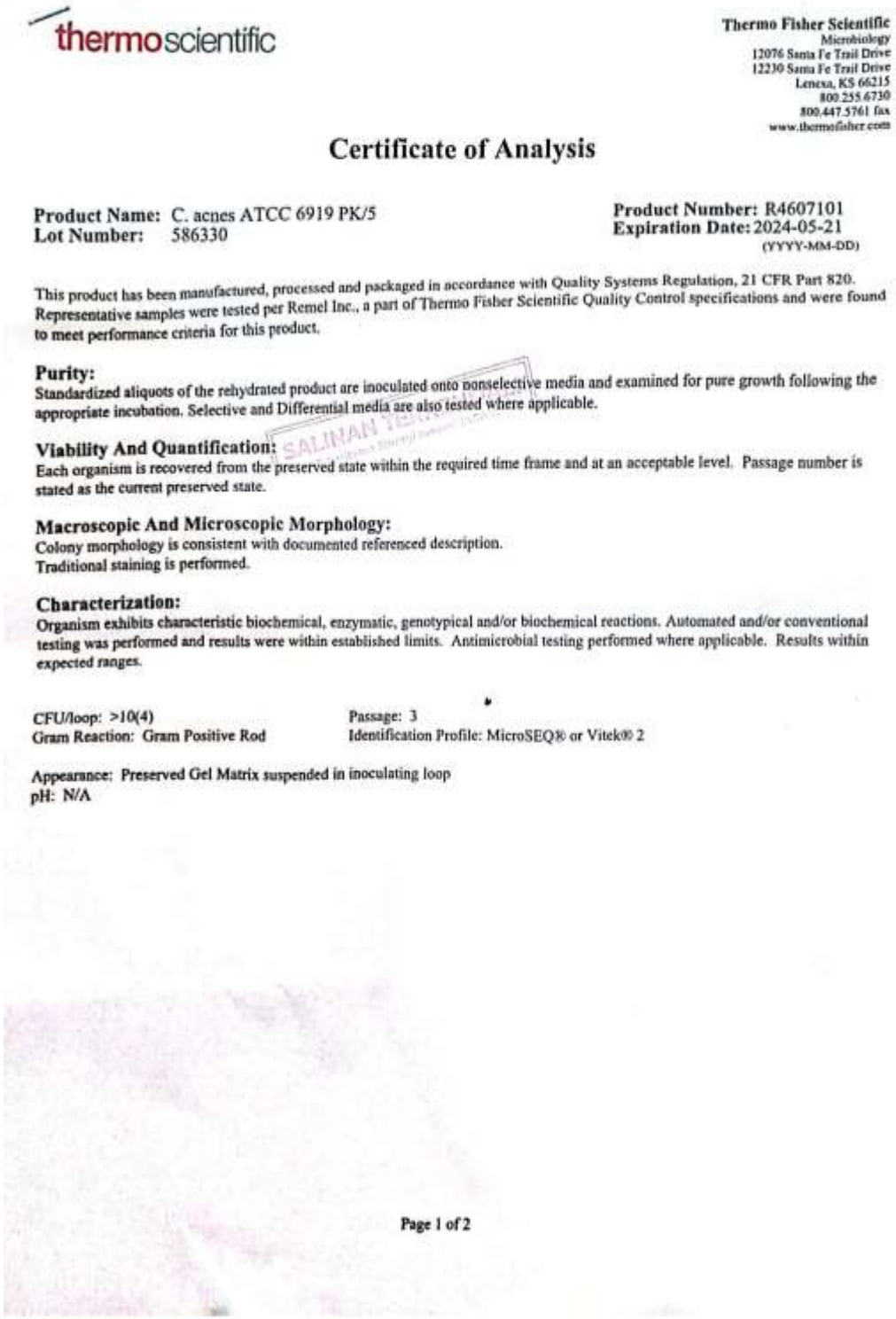
Reference medium: Tryptic Soy Agar

A recovery rate of 70 % is equivalent to a productivity rate of 0.7.
The indicated colony counts result from the sum of a triple determination.

Release: Culture medium released by Approving Officer or delegate LS-OII-QS6

Dr. Stefanie Fischer
Responsible Manager of LS-OII-QS6 (Test Laboratory D-PL-15185-01-00)

Lampiran 9. Certificate of Analysis Propionibacterium acnes



thermoscientific

Thermo Fisher Scientific
Microbiology
12076 Santa Fe Trail Drive
12230 Santa Fe Trail Drive
Lenexa, KS 66215
800.255.6730
800.447.5761 fax
www.thermofisher.com

Certificate of Analysis

Product Name: C. acnes ATCC 6919 PK/5
Lot Number: 586330

Product Number: R4607101
Expiration Date: 2024-05-21
(YYYY-MM-DD)

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. Representative samples were tested per Remel Inc., a part of Thermo Fisher Scientific Quality Control specifications and were found to meet performance criteria for this product.

Purity:
Standardized aliquots of the rehydrated product are inoculated onto nonselective media and examined for pure growth following the appropriate incubation. Selective and Differential media are also tested where applicable.

Viability And Quantification:
Each organism is recovered from the preserved state within the required time frame and at an acceptable level. Passage number is stated as the current preserved state.

Macroscopic And Microscopic Morphology:
Colony morphology is consistent with documented referenced description.
Traditional staining is performed.

Characterization:
Organism exhibits characteristic biochemical, enzymatic, genotypical and/or biochemical reactions. Automated and/or conventional testing was performed and results were within established limits. Antimicrobial testing performed where applicable. Results within expected ranges.

CFU/loop: >10(4)
Gram Reaction: Gram Positive Rod
Passage: 3
Identification Profile: MicroSEQ® or Vitek® 2

Appearance: Preserved Gel Matrix suspended in inoculating loop
pH: N/A

thermo scientific

Thermo Fisher Scientific
Microbiology
12076 Santa Fe Trail Drive
12230 Santa Fe Trail Drive
Lenexa, KS 66215
800.255.6730
800.447.5761 fax
www.thermofisher.com

Certificate of Analysis

Signed

Quality Assurance Manager

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Remel Inc. is licensed to use these trademarks and to sell products derived from ATCC® culture.

ATCC Licensed Derivative®

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Lampiran 10. Certificate of Analysis Asam Sitrat

CHEMIPAN CORPORATION CO., LTD.
Office: 4 Soi Nawamin74, Yak3-7-2, Ram-Intra, Kannayao, Bangkok, 10230, THAILAND
Factory: 7/162, Amata City Rayong Industrial Estate,
Moo4, Map Yang Phon, Piuak Daeng, Rayong, 21140, THAILAND
TEL : (66) 02-947-9712; Fax: (66) 02-944-8594; Tax ID: 0105555016459
Email: info@chemipan.com, Site: https://www.chemipan.com

Certificate of Analysis

Batch: 20190805 Issue date: 5/8/2019

Product name	CITRIC ACID ANHYDROUS
Product Code	CA0310-A
Date of manufacture	08/11/21
Best before date	08/11/24

	Standard	Analysis
Description and appearance	White or colorless crystals	White or colorless crystals
Identification	Conforming with the test	Conforming with the test
Solubility	Conforming with the test	Conforming with the test
Odor	None exceptional smell	None exceptional smell
Assay (On the anhydrous Basis)	99.50% min	99.84%
Moisture (Karl Fischer Titraton)	0.50% Max	0.17%
Sulphated ash	Less than 0.05%	0.01%
Sulface	50 ppm max	Less than 50 ppm
Oxalate	50 ppm max	Less than 50 ppm
Calcium	20 ppm max	Less than 20 ppm
Heavy Metal (as Pb)	1 ppm max	Less than 1 ppm
Iron	5 ppm max	Less than 5 ppm
Chloride	8 ppm max	Less than 5 ppm
Readily carbureted substance	1.0 MFK (1.0g) max	0.8 MFK (1.0g)
Barium	Conforming with the test	Conforming with the test
Endotoxin of germ	0.5 IU/mg max	Less than 0.5 IU/mg
Aluminum	0.2 ppm max	Less than 0.2 ppm
Arsenic	1 ppm max	Less than 1 ppm
Mercury	1 ppm max	Less than 1 ppm
Lead	0.5 ppm max	Less than 0.5 ppm
Organic volatile impurities	Conforming with the test	Conforming with the test
Tridodecylamine	0.1 mg/kg max	Less than 0.1 mg/kg
UV Absorbance	Conforming with the test	Conforming with the test
Particle Size	10-40 Mesh	10-40 Mesh
PH (1% M/V 25 celcius)	2.1-2.3	2.1-2.3
Copper	1 ppm max	Less than 1 ppm
Zinc	2 ppm max	Less than 2 ppm
Residue on ignitions	0.50% Max	Less than 0.05%

Note:

*This report pertains only to the sample taken by the lot. This is indicative and may be vary according to the raw material and climate variation.

**The document is computer generated and no signature is required.

Lampiran 11. Optimasi basis sediaan


A1


A2


A3


A4


A5


A6


A7


A8


A9

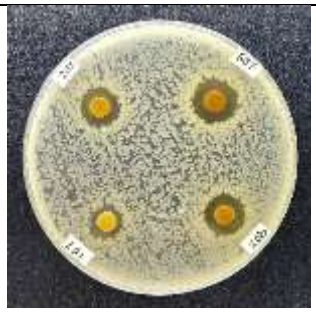
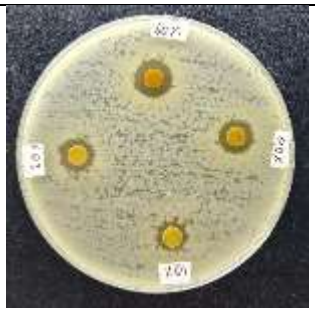
Lampiran 12. Preparasi uji aktivitas antibakteri


Peremajaan bakteri *Propionibacterium acnes*


Nilai absorban suspense bakteri


Suspensi bakteri

Lampiran 13. Uji KHM ekstrak etanol daun cincau hijau

		
Replikasi 1	**Replikasi 2**	**Replikasi 1**
10% = 9,6 mm	10% = 10,0 mm	10% = 10,3 mm
20% = 10,8 mm	20% = 11,1 mm	20% = 12,1 mm
40% = 11,5 mm	40% = 11,4 mm	40% = 13,1 mm
60% = 13,2 mm	60% = 12,3 mm	60% = 14,9 mm

Lampiran 14. Sediaan gel ekstrak daun cincau hijau

		
Batch 1	Batch 2	Batch 3

Lampiran 15. Uji stabilitas penyimpanan suhu ruang 28 hari

Evaluasi nilai pH basis gel (F0)



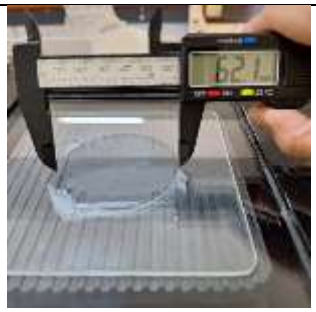
Evaluasi nilai pH sediaan gel ekstrak daun cincauu hijau (F1)


Evaluasi nilai Viskositas basis gel (F0)



Evaluasi nilai Viskositas sediaan gel ekstrak daun cincauu hijau (F1)





Evaluasi nilai Daya sebar basis gel (F0)

Evaluasi nilai Daya sebar sediaan gel ekstrak daun cincauu hijau (F1)

Evaluasi nilai Daya lekat basis gel (F0)

Evaluasi nilai Daya lekat sediaan gel ekstrak daun cincauu hijau (F1)

Lampiran 16. Uji stabilitas dipercepat freeze-thaw

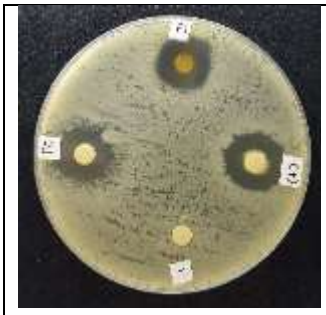
Penyimpanan suhu 4ºC

Penyimpanan suhu 40ºC

Lampiran 17. Uji Sineresis

		
Uji Sineresis F0 24 jam = 187 gram	Uji Sineresis F0 48 jam = 187 gram	Uji Sineresis F0 72 jam = 187 gram
		
Uji Sineresis F1 24 jam = 190 gram	Uji Sineresis F1 48 jam = 190 gram	Uji Sineresis F1 72 jam = 190 gram

Lampiran 18. Uji aktivitas antibakteri sediaan gel ekstrak daun cincau hijau

		
Replikasi 1 F0 = 10,1 mm F1 = 14,6 mm Kontrol (+) = 17,5 mm Kontrol (–) = -	**Replikasi 2** F0 = 9,4 mm F1 = 14,3 mm Kontrol (+) = 17,8 mm Kontrol (–) = -	**Replikasi 1** F0 = 9,8 mm F1 = 14,4 mm Kontrol (+) = 18,3 mm Kontrol (–) = -

Lampiran 19. Uji statistic pH sediaan (Suhu ruang)

Uji Normalitas

	Hari	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pH_F0	Hari 0	.200	3	.	.995	3	.862
	Hari 3	.378	3	.	.767	3	.037
	Hari 7	.228	3	.	.982	3	.742
	Hari 14	.288	3	.	.929	3	.484
	Hari 21	.299	3	.	.915	3	.433
	Hari 28	.204	3	.	.993	3	.843
pH_F1	Hari 0	.333	3	.	.862	3	.274
	Hari 3	.309	3	.	.900	3	.387
	Hari 7	.280	3	.	.938	3	.520
	Hari 14	.304	3	.	.907	3	.407
	Hari 21	.175	3	.	1.000	3	1.000
	Hari 28	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
pH_F0	.941	5	12	.489
pH_F1	4.338	5	12	.057

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pH_F0	Between Groups	.075	5	.015	.251	.931
	Within Groups	.719	12	.060		
	Total	.794	17			
pH_F1	Between Groups	.064	5	.013	1.234	.352
	Within Groups	.125	12	.010		
	Total	.189	17			

Lampiran 20. Uji statistic viskositas sediaan (Suhu ruang)

Uji Normalitas

	Hari	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Viskositas_F0	Hari 0	.362	3	.	.805	3	.126
	Hari 3	.367	3	.	.794	3	.099
	Hari 7	.331	3	.	.865	3	.282
	Hari 14	.250	3	.	.966	3	.648
	Hari 21	.296	3	.	.918	3	.446
	Hari 28	.357	3	.	.814	3	.149
Viskositas_F1	Hari 0	.367	3	.	.792	3	.096
	Hari 3	.270	3	.	.948	3	.562
	Hari 7	.282	3	.	.935	3	.508
	Hari 14	.230	3	.	.981	3	.737
	Hari 21	.257	3	.	.961	3	.619
	Hari 28	.204	3	.	.993	3	.843

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
Viskositas_F0	1.459	5	12	.273
Viskositas_F1	1.685	5	12	.213

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Viskositas_F0	Between Groups	453023.611	5	90604.722	.763	.593
	Within Groups	1424330.667	12	118694.222		
	Total	1877354.278	17			
Viskositas_F1	Between Groups	230576.944	5	46115.389	3.044	.053
	Within Groups	181776.000	12	15148.000		
	Total	412352.944	17			

Lampiran 21. Uji statistic Daya sebar sediaan (Suhu ruang)

Uji Normalitas

	Hari	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
DayaSebar_F0	Hari 0	.314	3	.	.893	3	.363
	Hari 3	.274	3	.	.944	3	.543
	Hari 7	.206	3	.	.993	3	.836
	Hari 14	.318	3	.	.887	3	.344
	Hari 21	.356	3	.	.818	3	.157
	Hari 28	.213	3	.	.990	3	.806

DayaSebar_F1	Hari 0	.181	3	.	.999	3	.942
	Hari 3	.358	3	.	.812	3	.144
	Hari 7	.364	3	.	.800	3	.114
	Hari 14	.358	3	.	.812	3	.144
	Hari 21	.343	3	.	.842	3	.220
	Hari 28	.280	3	.	.938	3	.520

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
DayaSebar_F0	1.689	5	12	.212
DayaSebar_F1	.490	5	12	.778

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
DayaSebar_F0	Between Groups	.160	5	.032	1.334	.315
	Within Groups	.288	12	.024		
	Total	.448	17			
DayaSebar_F1	Between Groups	.032	5	.006	1.095	.412
	Within Groups	.071	12	.006		
	Total	.103	17			

Lampiran 22. Uji statistic Daya lekat sediaan (Suhu ruang)

Uji Normalitas

	Hari	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
DayaLekat_F0	Hari 0	.355	3	.	.820	3	.162
	Hari 3	.364	3	.	.799	3	.112
	Hari 7	.229	3	.	.981	3	.739
	Hari 14	.182	3	.	.999	3	.935
	Hari 21	.253	3	.	.964	3	.637
	Hari 28	.355	3	.	.819	3	.161
DayaLekat_F1	Hari 0	.350	3	.	.830	3	.188
	Hari 3	.351	3	.	.827	3	.182
	Hari 7	.199	3	.	.995	3	.867
	Hari 14	.351	3	.	.826	3	.179
	Hari 21	.175	3	.	1.000	3	1.000
	Hari 28	.330	3	.	.867	3	.287

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
DayaLekat_F0	1.429	5	12	.283
DayaLekat_F1	.760	5	12	.595

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
DayaLekat_F0	Between Groups	.792	5	.158	2.098	.136
	Within Groups	.906	12	.076		
	Total	1.698	17			
DayaLekat_F1	Between Groups	.923	5	.185	.792	.576
	Within Groups	2.799	12	.233		
	Total	3.722	17			

Lampiran 23. Uji statistic pH sediaan (*freeze-thaw*)

Uji Normalitas

	Siklus	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pH_F0	Siklus 1	.175	3	.	1.000	3	1.000
	Siklus 2	.219	3	.	.987	3	.780
	Siklus 3	.232	3	.	.980	3	.726
	Siklus 4	.191	3	.	.997	3	.900
	Siklus 5	.213	3	.	.990	3	.806
	Siklus 6	.219	3	.	.987	3	.780
pH_F1	Siklus 1	.292	3	.	.923	3	.463
	Siklus 2	.253	3	.	.964	3	.637
	Siklus 3	.219	3	.	.987	3	.780
	Siklus 4	.328	3	.	.871	3	.298
	Siklus 5	.175	3	.	1.000	3	1.000
	Siklus 6	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
pH_F0	.981	5	12	.468
pH_F1	.775	5	12	.586

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pH_F0	Between Groups	3.472	5	.694	247.536	.000
	Within Groups	.034	12	.003		
	Total	3.506	17			
pH_F1	Between Groups	1.930	5	.386	780.793	.000
	Within Groups	.006	12	.000		
	Total	1.936	17			

Post-Hoc Test

Dependent Variable	(I) Siklus	(J) Siklus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
pH_F0	Siklus 1	Siklus 2	1.03333*	.04325	.000	.8755	1.1911
		Siklus 3	.45667*	.04325	.000	.2989	.6145
		Siklus 4	-.10333	.04325	.513	-.2611	.0545
		Siklus 5	.92000*	.04325	.000	.7622	1.0778
		Siklus 6	.78667*	.04325	.000	.6289	.9445
	Siklus 2	Siklus 1	-1.03333*	.04325	.000	-1.1911	-.8755
		Siklus 3	-.57667*	.04325	.000	-.7345	-.4189
		Siklus 4	-1.13667*	.04325	.000	-1.2945	-.9789

	Siklus 5	-.11333	.04325	.335	-.2711	.0445
	Siklus 6	-.24667*	.04325	.001	-.4045	-.0889
	Siklus 1	-.45667*	.04325	.000	-.6145	-.2989
	Siklus 2	.57667*	.04325	.000	.4189	.7345
Siklus 3	Siklus 4	-.56000*	.04325	.000	-.7178	-.4022
	Siklus 5	.46333*	.04325	.000	.3055	.6211
	Siklus 6	.33000*	.04325	.000	.1722	.4878
	Siklus 1	.10333	.04325	.513	-.0545	.2611
	Siklus 2	1.13667*	.04325	.000	.9789	1.2945
Siklus 4	Siklus 3	.56000*	.04325	.000	.4022	.7178
	Siklus 5	1.02333*	.04325	.000	.8655	1.1811
	Siklus 6	.89000*	.04325	.000	.7322	1.0478
	Siklus 1	-.92000*	.04325	.000	-1.0778	-.7622
	Siklus 2	.11333	.04325	.335	-.0445	.2711
Siklus 5	Siklus 3	-.46333*	.04325	.000	-.6211	-.3055
	Siklus 4	-1.02333*	.04325	.000	-1.1811	-.8655
	Siklus 6	-.13333	.04325	.142	-.2911	.0245
	Siklus 1	-.78667*	.04325	.000	-.9445	-.6289
	Siklus 2	.24667*	.04325	.001	.0889	.4045
Siklus 6	Siklus 3	-.33000*	.04325	.000	-.4878	-.1722
	Siklus 4	-.89000*	.04325	.000	-1.0478	-.7322
	Siklus 5	.13333	.04325	.142	-.0245	.2911
	Siklus 2	1.00000*	.01816	.000	.9338	1.0662
	Siklus 3	.72667*	.01816	.000	.6604	.7929
Siklus 1	Siklus 4	.37667*	.01816	.000	.3104	.4429
	Siklus 5	.77333*	.01816	.000	.7071	.8396
	Siklus 6	.76667*	.01816	.000	.7004	.8329
Siklus 2	Siklus 1	-1.00000*	.01816	.000	-1.0662	-.9338

pH_F1

	Siklus 3	-.27333*	.01816	.000	-.3396	-.2071
	Siklus 4	-.62333*	.01816	.000	-.6896	-.5571
	Siklus 5	-.22667*	.01816	.000	-.2929	-.1604
	Siklus 6	-.23333*	.01816	.000	-.2996	-.1671
	Siklus 1	-.72667*	.01816	.000	-.7929	-.6604
	Siklus 2	.27333*	.01816	.000	.2071	.3396
Siklus 3	Siklus 4	-.35000*	.01816	.000	-.4162	-.2838
	Siklus 5	.04667	.01816	.368	-.0196	.1129
	Siklus 6	.04000	.01816	.718	-.0262	.1062
	Siklus 1	-.37667*	.01816	.000	-.4429	-.3104
	Siklus 2	.62333*	.01816	.000	.5571	.6896
Siklus 4	Siklus 3	.35000*	.01816	.000	.2838	.4162
	Siklus 5	.39667*	.01816	.000	.3304	.4629
	Siklus 6	.39000*	.01816	.000	.3238	.4562
	Siklus 1	-.77333*	.01816	.000	-.8396	-.7071
	Siklus 2	.22667*	.01816	.000	.1604	.2929
Siklus 5	Siklus 3	-.04667	.01816	.368	-.1129	.0196
	Siklus 4	-.39667*	.01816	.000	-.4629	-.3304
	Siklus 6	-.00667	.01816	1.000	-.0729	.0596
	Siklus 1	-.76667*	.01816	.000	-.8329	-.7004
	Siklus 2	.23333*	.01816	.000	.1671	.2996
Siklus 6	Siklus 3	-.04000	.01816	.718	-.1062	.0262
	Siklus 4	-.39000*	.01816	.000	-.4562	-.3238
	Siklus 5	.00667	.01816	1.000	-.0596	.0729

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

Lampiran 24. Uji statistic Viskositas sediaan (*freeze-thaw*)

Uji Normalitas

	Siklus	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Viskositas_F0	Siklus 1	.337	3	.	.855	3	.253
	Siklus 2	.349	3	.	.831	3	.190
	Siklus 3	.293	3	.	.922	3	.459
	Siklus 4	.266	3	.	.953	3	.581
	Siklus 5	.201	3	.	.995	3	.859
	Siklus 6	.333	3	.	.861	3	.270
Viskositas_F1	Siklus 1	.363	3	.	.801	3	.118
	Siklus 2	.333	3	.	.861	3	.271
	Siklus 3	.253	3	.	.964	3	.636
	Siklus 4	.289	3	.	.927	3	.479
	Siklus 5	.359	3	.	.810	3	.140
	Siklus 6	.319	3	.	.885	3	.340

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
Viskositas_F0	4.192	5	12	.020
Viskositas_F1	2.929	5	12	.059

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Viskositas_F0	Between Groups	690502.278	5	138100.456	5.181	.009
	Within Groups	319890.000	12	26657.500		
	Total	1010392.278	17			
Viskositas_F1	Between Groups	12593173.111	5	2518634.622	43.655	.000
	Within Groups	692321.333	12	57693.444		
	Total	13285494.444	17			

Post-Hoc Test

Dependent Variable		(I) Siklus	(J) Siklus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
Viskositas_F0	Bonferroni	Siklus 1	Siklus 2	447.333	133.310	.086	-39.10	933.77
			Siklus 3	386.333	133.310	.201	-100.10	872.77
			Siklus 4	614.000*	133.310	.009	127.57	1100.43
			Siklus 5	203.000	133.310	1.000	-283.43	689.43
			Siklus 6	235.000	133.310	1.000	-251.43	721.43
		Siklus 2	Siklus 1	-447.333	133.310	.086	-933.77	39.10
			Siklus 3	-61.000	133.310	1.000	-547.43	425.43
			Siklus 4	166.667	133.310	1.000	-319.77	653.10
			Siklus 5	-244.333	133.310	1.000	-730.77	242.10
			Siklus 6	-212.333	133.310	1.000	-698.77	274.10
		Siklus 3	Siklus 1	-386.333	133.310	.201	-872.77	100.10
			Siklus 2	61.000	133.310	1.000	-425.43	547.43
			Siklus 4	227.667	133.310	1.000	-258.77	714.10
			Siklus 5	-183.333	133.310	1.000	-669.77	303.10

		Siklus 6	-151.333	133.310	1.000	-637.77	335.10
		Siklus 1	-614.000*	133.310	.009	-1100.43	-127.57
		Siklus 2	-166.667	133.310	1.000	-653.10	319.77
	Siklus 4	Siklus 3	-227.667	133.310	1.000	-714.10	258.77
		Siklus 5	-411.000	133.310	.142	-897.43	75.43
		Siklus 6	-379.000	133.310	.222	-865.43	107.43
		Siklus 1	-203.000	133.310	1.000	-689.43	283.43
		Siklus 2	244.333	133.310	1.000	-242.10	730.77
	Siklus 5	Siklus 3	183.333	133.310	1.000	-303.10	669.77
		Siklus 4	411.000	133.310	.142	-75.43	897.43
		Siklus 6	32.000	133.310	1.000	-454.43	518.43
		Siklus 1	-235.000	133.310	1.000	-721.43	251.43
		Siklus 2	212.333	133.310	1.000	-274.10	698.77
	Siklus 6	Siklus 3	151.333	133.310	1.000	-335.10	637.77
		Siklus 4	379.000	133.310	.222	-107.43	865.43
		Siklus 5	-32.000	133.310	1.000	-518.43	454.43
		Siklus 2	447.333	155.005	.283	-554.77	1449.44
		Siklus 3	386.333*	67.712	.032	49.06	723.61
	Siklus 1	Siklus 4	614.000	169.084	.188	-517.55	1745.55
		Siklus 5	203.000	66.845	.204	-133.89	539.89
		Siklus 6	235.000	59.918	.141	-126.30	596.30
Games-Howell		Siklus 1	-447.333	155.005	.283	-1449.44	554.77
		Siklus 3	-61.000	150.463	.997	-1133.91	1011.91
	Siklus 2	Siklus 4	166.667	215.972	.959	-862.76	1196.10
		Siklus 5	-244.333	150.075	.648	-1324.70	836.03
		Siklus 6	-212.333	147.121	.722	-1358.50	933.84
		Siklus 1	-386.333*	67.712	.032	-723.61	-49.06
	Siklus 3	Siklus 2	61.000	150.463	.997	-1011.91	1133.91

			Siklus 4	227.667	164.931	.746	-976.50	1431.83
			Siklus 5	-183.333	55.506	.151	-446.75	80.09
			Siklus 6	-151.333	46.935	.188	-399.79	97.13
			Siklus 1	-614.000	169.084	.188	-1745.55	517.55
			Siklus 2	-166.667	215.972	.959	-1196.10	862.76
		Siklus 4	Siklus 3	-227.667	164.931	.746	-1431.83	976.50
			Siklus 5	-411.000	164.577	.384	-1622.53	800.53
			Siklus 6	-379.000	161.887	.430	-1653.75	895.75
			Siklus 1	-203.000	66.845	.204	-539.89	133.89
			Siklus 2	244.333	150.075	.648	-836.03	1324.70
		Siklus 5	Siklus 3	183.333	55.506	.151	-80.09	446.75
			Siklus 4	411.000	164.577	.384	-800.53	1622.53
			Siklus 6	32.000	45.675	.971	-206.30	270.30
			Siklus 1	-235.000	59.918	.141	-596.30	126.30
			Siklus 2	212.333	147.121	.722	-933.84	1358.50
		Siklus 6	Siklus 3	151.333	46.935	.188	-97.13	399.79
			Siklus 4	379.000	161.887	.430	-895.75	1653.75
			Siklus 5	-32.000	45.675	.971	-270.30	206.30
			Siklus 2	-319.333	196.118	1.000	-1034.95	396.28
			Siklus 3	-2063.667*	196.118	.000	-2779.28	-1348.05
		Siklus 1	Siklus 4	469.333	196.118	.509	-246.28	1184.95
			Siklus 5	111.333	196.118	1.000	-604.28	826.95
Viskositas_F1	Bonferroni		Siklus 6	191.667	196.118	1.000	-523.95	907.28
			Siklus 1	319.333	196.118	1.000	-396.28	1034.95
			Siklus 3	-1744.333*	196.118	.000	-2459.95	-1028.72
		Siklus 2	Siklus 4	788.667*	196.118	.025	73.05	1504.28
			Siklus 5	430.667	196.118	.727	-284.95	1146.28

		Siklus 6	511.000	196.118	.345	-204.61	1226.61
		Siklus 1	2063.667*	196.118	.000	1348.05	2779.28
		Siklus 2	1744.333*	196.118	.000	1028.72	2459.95
	Siklus 3	Siklus 4	2533.000*	196.118	.000	1817.39	3248.61
		Siklus 5	2175.000*	196.118	.000	1459.39	2890.61
		Siklus 6	2255.333*	196.118	.000	1539.72	2970.95
		Siklus 1	-469.333	196.118	.509	-1184.95	246.28
		Siklus 2	-788.667*	196.118	.025	-1504.28	-73.05
	Siklus 4	Siklus 3	-2533.000*	196.118	.000	-3248.61	-1817.39
		Siklus 5	-358.000	196.118	1.000	-1073.61	357.61
		Siklus 6	-277.667	196.118	1.000	-993.28	437.95
		Siklus 1	-111.333	196.118	1.000	-826.95	604.28
		Siklus 2	-430.667	196.118	.727	-1146.28	284.95
	Siklus 5	Siklus 3	-2175.000*	196.118	.000	-2890.61	-1459.39
		Siklus 4	358.000	196.118	1.000	-357.61	1073.61
		Siklus 6	80.333	196.118	1.000	-635.28	795.95
		Siklus 1	-191.667	196.118	1.000	-907.28	523.95
		Siklus 2	-511.000	196.118	.345	-1226.61	204.61
	Siklus 6	Siklus 3	-2255.333*	196.118	.000	-2970.95	-1539.72
		Siklus 4	277.667	196.118	1.000	-437.95	993.28
		Siklus 5	-80.333	196.118	1.000	-795.95	635.28
		Siklus 2	-319.333	197.230	.657	-1923.44	1284.78
		Siklus 3	-2063.667*	254.385	.008	-3294.01	-833.33
Games-Howell	Siklus 1	Siklus 4	469.333	207.634	.430	-917.56	1856.22
		Siklus 5	111.333	256.992	.996	-1125.86	1348.53
		Siklus 6	191.667	238.475	.951	-1019.05	1402.38
	Siklus 2	Siklus 1	319.333	197.230	.657	-1284.78	1923.44

	Siklus 3	-1744.333*	162.744	.028	-3055.79	-432.87
	Siklus 4	788.667*	69.897	.018	288.60	1288.74
	Siklus 5	430.667	166.790	.378	-915.26	1776.59
	Siklus 6	511.000	136.544	.208	-576.17	1598.17
	Siklus 1	2063.667*	254.385	.008	833.33	3294.01
	Siklus 2	1744.333*	162.744	.028	432.87	3055.79
Siklus 3	Siklus 4	2533.000*	175.207	.006	1443.65	3622.35
	Siklus 5	2175.000*	231.583	.004	1076.43	3273.57
	Siklus 6	2255.333*	210.846	.003	1238.68	3271.99
	Siklus 1	-469.333	207.634	.430	-1856.22	917.56
	Siklus 2	-788.667*	69.897	.018	-1288.74	-288.60
Siklus 4	Siklus 3	-2533.000*	175.207	.006	-3622.35	-1443.65
	Siklus 5	-358.000	178.972	.502	-1481.73	765.73
	Siklus 6	-277.667	151.183	.552	-1150.73	595.40
	Siklus 1	-111.333	256.992	.996	-1348.53	1125.86
	Siklus 2	-430.667	166.790	.378	-1776.59	915.26
Siklus 5	Siklus 3	-2175.000*	231.583	.004	-3273.57	-1076.43
	Siklus 4	358.000	178.972	.502	-765.73	1481.73
	Siklus 6	80.333	213.985	.998	-956.47	1117.13
	Siklus 1	-191.667	238.475	.951	-1402.38	1019.05
	Siklus 2	-511.000	136.544	.208	-1598.17	576.17
Siklus 6	Siklus 3	-2255.333*	210.846	.003	-3271.99	-1238.68
	Siklus 4	277.667	151.183	.552	-595.40	1150.73
	Siklus 5	-80.333	213.985	.998	-1117.13	956.47

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

Lampiran 25. Uji statistic Daya sebar sediaan (*freeze-thaw*)

Uji Normalitas

	Hari	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
DayaSebar_F0	Siklus 1	.253	3	.	.964	3	.637
	Siklus 2	.328	3	.	.871	3	.298
	Siklus 3	.175	3	.	1.000	3	1.000
	Siklus 4	.219	3	.	.987	3	.780
	Siklus 5	.219	3	.	.987	3	.780
	Siklus 6	.253	3	.	.964	3	.637
DayaSebar_F1	Siklus 1	.216	3	.	.989	3	.797
	Siklus 2	.340	3	.	.848	3	.235
	Siklus 3	.354	3	.	.821	3	.165
	Siklus 4	.175	3	.	1.000	3	1.000
	Siklus 5	.253	3	.	.964	3	.637
	Siklus 6	.314	3	.	.893	3	.363

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
DayaSebar_F0	3.481	5	12	.036
DayaSebar_F1	3.078	5	12	.051

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
DayaSebar_F0	Between Groups	.066	5	.013	11.969	.000
	Within Groups	.013	12	.001		
	Total	.080	17			
DayaSebar_F1	Between Groups	.117	5	.023	3.431	.037
	Within Groups	.082	12	.007		
	Total	.199	17			

Post-Hoc Test

Dependent Variable		(I) Siklus	(J) Siklus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
DayaSebar_F0	Bonferroni	Siklus 1	Siklus 2	.12000*	.02722	.013	.0207	.2193
			Siklus 3	-.00333	.02722	1.000	-.1026	.0960
			Siklus 4	.00333	.02722	1.000	-.0960	.1026
			Siklus 5	-.08000	.02722	.186	-.1793	.0193
			Siklus 6	-.03667	.02722	1.000	-.1360	.0626
		Siklus 2	Siklus 1	-.12000*	.02722	.013	-.2193	-.0207
			Siklus 3	-.12333*	.02722	.010	-.2226	-.0240
			Siklus 4	-.11667*	.02722	.016	-.2160	-.0174
			Siklus 5	-.20000*	.02722	.000	-.2993	-.1007
			Siklus 6	-.15667*	.02722	.001	-.2560	-.0574
		Siklus 3	Siklus 1	.00333	.02722	1.000	-.0960	.1026
			Siklus 2	.12333*	.02722	.010	.0240	.2226
			Siklus 4	.00667	.02722	1.000	-.0926	.1060
			Siklus 5	-.07667	.02722	.233	-.1760	.0226

		Siklus 6	-.03333	.02722	1.000	-.1326	.0660
		Siklus 1	-.00333	.02722	1.000	-.1026	.0960
		Siklus 2	.11667*	.02722	.016	.0174	.2160
	Siklus 4	Siklus 3	-.00667	.02722	1.000	-.1060	.0926
		Siklus 5	-.08333	.02722	.148	-.1826	.0160
		Siklus 6	-.04000	.02722	1.000	-.1393	.0593
		Siklus 1	.08000	.02722	.186	-.0193	.1793
		Siklus 2	.20000*	.02722	.000	.1007	.2993
	Siklus 5	Siklus 3	.07667	.02722	.233	-.0226	.1760
		Siklus 4	.08333	.02722	.148	-.0160	.1826
		Siklus 6	.04333	.02722	1.000	-.0560	.1426
		Siklus 1	.03667	.02722	1.000	-.0626	.1360
		Siklus 2	.15667*	.02722	.001	.0574	.2560
	Siklus 6	Siklus 3	.03333	.02722	1.000	-.0660	.1326
		Siklus 4	.04000	.02722	1.000	-.0593	.1393
		Siklus 5	-.04333	.02722	1.000	-.1426	.0560
		Siklus 2	.12000	.04110	.259	-.1222	.3622
		Siklus 3	-.00333	.01856	1.000	-.1293	.1226
	Siklus 1	Siklus 4	.00333	.02285	1.000	-.1072	.1139
		Siklus 5	-.08000	.02285	.133	-.1905	.0305
		Siklus 6	-.03667	.01972	.543	-.1504	.0771
Games-Howell		Siklus 1	-.12000	.04110	.259	-.3622	.1222
		Siklus 3	-.12333	.03756	.257	-.4188	.1721
	Siklus 2	Siklus 4	-.11667	.03986	.273	-.3707	.1374
		Siklus 5	-.20000	.03986	.088	-.4540	.0540
		Siklus 6	-.15667	.03815	.164	-.4383	.1249
		Siklus 1	.00333	.01856	1.000	-.1226	.1293
	Siklus 3	Siklus 2	.12333	.03756	.257	-.1721	.4188

DayaSebar_F1	Bonferroni	Siklus 4	Siklus 4	.00667	.01563	.996	-.0924	.1057
			Siklus 5	-.07667	.01563	.092	-.1757	.0224
			Siklus 6	-.03333	.01054	.191	-.0878	.0212
			Siklus 1	-.00333	.02285	1.000	-.1139	.1072
			Siklus 2	.11667	.03986	.273	-.1374	.3707
		Siklus 4	Siklus 3	-.00667	.01563	.996	-.1057	.0924
			Siklus 5	-.08333	.02055	.083	-.1808	.0141
			Siklus 6	-.04000	.01700	.367	-.1304	.0504
			Siklus 1	.08000	.02285	.133	-.0305	.1905
			Siklus 2	.20000	.03986	.088	-.0540	.4540
		Siklus 5	Siklus 3	.07667	.01563	.092	-.0224	.1757
			Siklus 4	.08333	.02055	.083	-.0141	.1808
			Siklus 6	.04333	.01700	.315	-.0471	.1338
			Siklus 1	.03667	.01972	.543	-.0771	.1504
			Siklus 2	.15667	.03815	.164	-.1249	.4383
		Siklus 6	Siklus 3	.03333	.01054	.191	-.0212	.0878
			Siklus 4	.04000	.01700	.367	-.0504	.1304
			Siklus 5	-.04333	.01700	.315	-.1338	.0471
			Siklus 2	.23000	.06752	.078	-.0164	.4764
			Siklus 3	.06000	.06752	1.000	-.1864	.3064
		Siklus 1	Siklus 4	.02667	.06752	1.000	-.2197	.2730
			Siklus 5	.02000	.06752	1.000	-.2264	.2664
			Siklus 6	-.00333	.06752	1.000	-.2497	.2430
			Siklus 1	-.23000	.06752	.078	-.4764	.0164
			Siklus 3	-.17000	.06752	.405	-.4164	.0764
		Siklus 2	Siklus 4	-.20333	.06752	.163	-.4497	.0430
			Siklus 5	-.21000	.06752	.135	-.4564	.0364
			Siklus 6	-.23333	.06752	.071	-.4797	.0130

		Siklus 1	-.06000	.06752	1.000	-.3064	.1864
		Siklus 2	.17000	.06752	.405	-.0764	.4164
	Siklus 3	Siklus 4	-.03333	.06752	1.000	-.2797	.2130
		Siklus 5	-.04000	.06752	1.000	-.2864	.2064
		Siklus 6	-.06333	.06752	1.000	-.3097	.1830
		Siklus 1	-.02667	.06752	1.000	-.2730	.2197
		Siklus 2	.20333	.06752	.163	-.0430	.4497
	Siklus 4	Siklus 3	.03333	.06752	1.000	-.2130	.2797
		Siklus 5	-.00667	.06752	1.000	-.2530	.2397
		Siklus 6	-.03000	.06752	1.000	-.2764	.2164
		Siklus 1	-.02000	.06752	1.000	-.2664	.2264
		Siklus 2	.21000	.06752	.135	-.0364	.4564
	Siklus 5	Siklus 3	.04000	.06752	1.000	-.2064	.2864
		Siklus 4	.00667	.06752	1.000	-.2397	.2530
		Siklus 6	-.02333	.06752	1.000	-.2697	.2230
		Siklus 1	.00333	.06752	1.000	-.2430	.2497
		Siklus 2	.23333	.06752	.071	-.0130	.4797
	Siklus 6	Siklus 3	.06333	.06752	1.000	-.1830	.3097
		Siklus 4	.03000	.06752	1.000	-.2164	.2764
		Siklus 5	.02333	.06752	1.000	-.2230	.2697
		Siklus 2	.23000	.09141	.324	-.2586	.7186
		Siklus 3	.06000	.10306	.987	-.4352	.5552
	Siklus 1	Siklus 4	.02667	.08172	.999	-.5457	.5990
		Siklus 5	.02000	.07888	1.000	-.6160	.6560
Games-Howell		Siklus 6	-.00333	.07986	1.000	-.6139	.6073
		Siklus 1	-.23000	.09141	.324	-.7186	.2586
	Siklus 2	Siklus 3	-.17000	.08179	.445	-.5825	.2425
		Siklus 4	-.20333	.05239	.137	-.5078	.1011

	Siklus 5	-.21000	.04784	.151	-.5779	.1579
	Siklus 6	-.23333	.04944	.112	-.5696	.1030
	Siklus 1	-.06000	.10306	.987	-.5552	.4352
	Siklus 2	.17000	.08179	.445	-.2425	.5825
Siklus 3	Siklus 4	-.03333	.07079	.994	-.5054	.4387
	Siklus 5	-.04000	.06749	.982	-.5786	.4986
	Siklus 6	-.06333	.06864	.912	-.5740	.4474
	Siklus 1	-.02667	.08172	.999	-.5990	.5457
	Siklus 2	.20333	.05239	.137	-.1011	.5078
Siklus 4	Siklus 3	.03333	.07079	.994	-.4387	.5054
	Siklus 5	-.00667	.02472	1.000	-.1657	.1523
	Siklus 6	-.03000	.02769	.865	-.1726	.1126
	Siklus 1	-.02000	.07888	1.000	-.6560	.6160
	Siklus 2	.21000	.04784	.151	-.1579	.5779
Siklus 5	Siklus 3	.04000	.06749	.982	-.4986	.5786
	Siklus 4	.00667	.02472	1.000	-.1523	.1657
	Siklus 6	-.02333	.01764	.766	-.1191	.0724
	Siklus 1	.00333	.07986	1.000	-.6073	.6139
	Siklus 2	.23333	.04944	.112	-.1030	.5696
Siklus 6	Siklus 3	.06333	.06864	.912	-.4474	.5740
	Siklus 4	.03000	.02769	.865	-.1126	.1726
	Siklus 5	.02333	.01764	.766	-.0724	.1191

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

Lampiran 26. Uji statistic Daya lekat sediaan (*freeze-thaw*)

Uji Normalitas

	Hari	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
DayaLekat_F0	Siklus 1	.228	3	.	.982	3	.743
	Siklus 2	.318	3	.	.887	3	.345
	Siklus 3	.207	3	.	.992	3	.834
	Siklus 4	.279	3	.	.939	3	.524
	Siklus 5	.339	3	.	.851	3	.244
	Siklus 6	.201	3	.	.995	3	.859
DayaLekat_F1	Siklus 1	.287	3	.	.929	3	.485
	Siklus 2	.278	3	.	.940	3	.527
	Siklus 3	.176	3	.	1.000	3	.977
	Siklus 4	.185	3	.	.998	3	.924
	Siklus 5	.219	3	.	.987	3	.780
	Siklus 6	.197	3	.	.996	3	.874

a. Lilliefors Significance Correction

Uji Homogenitas

	Levene Statistic	df1	df2	Sig.
DayaLekat_F0	.870	5	12	.529
DayaLekat_F1	.535	5	12	.746

Uji ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
DayaLekat_F0	Between Groups	2.553	5	.511	4.546	.015
	Within Groups	1.348	12	.112		
	Total	3.900	17			
DayaLekat_F1	Between Groups	3.523	5	.705	11.108	.000
	Within Groups	.761	12	.063		
	Total	4.284	17			

Post-Hoc Test

Dependent Variable	(I) Siklus	(J) Siklus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
DayaLekat_F0	Siklus 1	Siklus 2	-1.12333*	.27362	.022	-2.1218	-.1249
		Siklus 3	-.96333	.27362	.063	-1.9618	.0351
		Siklus 4	-1.05667*	.27362	.034	-2.0551	-.0582
		Siklus 5	-.89667	.27362	.099	-1.8951	.1018
		Siklus 6	-.88333	.27362	.109	-1.8818	.1151
	Siklus 2	Siklus 1	1.12333*	.27362	.022	.1249	2.1218
		Siklus 3	.16000	.27362	1.000	-.8384	1.1584
		Siklus 4	.06667	.27362	1.000	-.9318	1.0651
		Siklus 5	.22667	.27362	1.000	-.7718	1.2251
		Siklus 6	.24000	.27362	1.000	-.7584	1.2384
	Siklus 3	Siklus 1	.96333	.27362	.063	-.0351	1.9618
		Siklus 2	-.16000	.27362	1.000	-1.1584	.8384
		Siklus 4	-.09333	.27362	1.000	-1.0918	.9051
		Siklus 5	.06667	.27362	1.000	-.9318	1.0651
		Siklus 6	.08000	.27362	1.000	-.9184	1.0784

	Siklus 1	1.05667*	.27362	.034	.0582	2.0551
	Siklus 2	-.06667	.27362	1.000	-1.0651	.9318
Siklus 4	Siklus 3	.09333	.27362	1.000	-.9051	1.0918
	Siklus 5	.16000	.27362	1.000	-.8384	1.1584
	Siklus 6	.17333	.27362	1.000	-.8251	1.1718
	Siklus 1	.89667	.27362	.099	-.1018	1.8951
	Siklus 2	-.22667	.27362	1.000	-1.2251	.7718
Siklus 5	Siklus 3	-.06667	.27362	1.000	-1.0651	.9318
	Siklus 4	-.16000	.27362	1.000	-1.1584	.8384
	Siklus 6	.01333	.27362	1.000	-.9851	1.0118
	Siklus 1	.88333	.27362	.109	-.1151	1.8818
	Siklus 2	-.24000	.27362	1.000	-1.2384	.7584
Siklus 6	Siklus 3	-.08000	.27362	1.000	-1.0784	.9184
	Siklus 4	-.17333	.27362	1.000	-1.1718	.8251
	Siklus 5	-.01333	.27362	1.000	-1.0118	.9851
	Siklus 2	-.38000	.20564	1.000	-1.1304	.3704
	Siklus 3	.19000	.20564	1.000	-.5604	.9404
Siklus 1	Siklus 4	-.62000	.20564	.161	-1.3704	.1304
	Siklus 5	.47667	.20564	.584	-.2737	1.2270
	Siklus 6	-.76333*	.20564	.045	-1.5137	-.0130
	Siklus 1	.38000	.20564	1.000	-.3704	1.1304
DayaLekat_F1	Siklus 3	.57000	.20564	.254	-.1804	1.3204
Siklus 2	Siklus 4	-.24000	.20564	1.000	-.9904	.5104
	Siklus 5	.85667*	.20564	.020	.1063	1.6070
	Siklus 6	-.38333	.20564	1.000	-1.1337	.3670
	Siklus 1	-.19000	.20564	1.000	-.9404	.5604
Siklus 3	Siklus 2	-.57000	.20564	.254	-1.3204	.1804
	Siklus 4	-.81000*	.20564	.030	-1.5604	-.0596

	Siklus 5	.28667	.20564	1.000	-.4637	1.0370
	Siklus 6	-.95333*	.20564	.009	-1.7037	-.2030
	Siklus 1	.62000	.20564	.161	-.1304	1.3704
	Siklus 2	.24000	.20564	1.000	-.5104	.9904
Siklus 4	Siklus 3	.81000*	.20564	.030	.0596	1.5604
	Siklus 5	1.09667*	.20564	.003	.3463	1.8470
	Siklus 6	-.14333	.20564	1.000	-.8937	.6070
	Siklus 1	-.47667	.20564	.584	-1.2270	.2737
	Siklus 2	-.85667*	.20564	.020	-1.6070	-.1063
Siklus 5	Siklus 3	-.28667	.20564	1.000	-1.0370	.4637
	Siklus 4	-1.09667*	.20564	.003	-1.8470	-.3463
	Siklus 6	-1.24000*	.20564	.001	-1.9904	-.4896
	Siklus 1	.76333*	.20564	.045	.0130	1.5137
	Siklus 2	.38333	.20564	1.000	-.3670	1.1337
Siklus 6	Siklus 3	.95333*	.20564	.009	.2030	1.7037
	Siklus 4	.14333	.20564	1.000	-.6070	.8937
	Siklus 5	1.24000*	.20564	.001	.4896	1.9904

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

Lampiran 27. Uji statiscitc aktivitas antibakteri sediaan

Uji Normalitas

	Sediaan	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
DayaHambat	Formula 0	.204	3	.	.993	3	.843
	Formula 1	.253	3	.	.964	3	.637
	Kontrol Positif	.232	3	.	.980	3	.726

a. Lilliefors Significance Correction

Uji Homogenitas

Levene Statistic	df1	df2	Sig.
1.005	2	6	.420

Uji ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	99.176	2	49.588	479.882	.000
Within Groups	.620	6	.103		
Total	99.796	8			

Post Hoc Test

Dependent Variable: DayaHambat, Bonferroni

(I) Sediaan	(J) Sediaan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula 0	Formula 1	-4.66667*	.26247	.000	-5.5295	-3.8038
	Kontrol Positif	-8.10000*	.26247	.000	-8.9628	-7.2372
Formula 1	Formula 0	4.66667*	.26247	.000	3.8038	5.5295
	Kontrol Positif	-3.43333*	.26247	.000	-4.2962	-2.5705
Kontrol Positif	Formula 0	8.10000*	.26247	.000	7.2372	8.9628
	Formula 1	3.43333*	.26247	.000	2.5705	4.2962

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

Lampiran 28. Data hasil evaluasi pH (Suhur uang)

Formula	Hari ke-	Replikasi			Rata-rata	SD	Rata-rata ± SD
		1	2	3			
F0	0	5,47	5,65	5,79	5,64	0,16	5.64 ± 0.16
	3	5,37	5,38	5,82	5,52	0,26	5.52 ± 0,26
	7	5,50	5,29	5,63	5,47	0,17	5,47 ± 0,17
	14	5,66	5,79	5,29	5,58	0,26	5,58 ± 0,26
	21	5,94	5,26	5,78	5,66	0,36	5,66 ± 0,36
	28	5,74	5,32	5,56	5,54	0,21	5,54 ± 0,21
F1	0	5,50	5,28	5,24	5,34	0,14	5,34 ± 0,14
	3	5,08	5,34	5,01	5,14	0,17	5,14 ± 0,17
	7	5,25	5,30	5,12	5,22	0,09	5,22 ± 0,09
	14	5,22	5,31	5,24	5,26	0,05	5,26 ± 0,05
	21	5,26	5,22	5,30	5,26	0,04	5,26 ± 0,04
	28	5,28	5,30	5,27	5,28	0,02	5,28 ± 0,02

Lampiran 29. Data hasil evaluasi Viskositas (Suhur uang)

Formula	Hari ke-	Replikasi			Rata-rata	SD	Rata-rata ± SD
		1	2	3			
F0	0	5700	5250	5667	5539,00	250,82	5539,00 ± 250,82
	3	5367	5933	5400	5567,67	317,68	5567,67 ± 317,68
	7	5975	5400	5292	5555,67	367,15	5555,67 ± 367,15
	14	5125	5336	5017	5159,33	162,24	5159,33 ± 162,24
	21	5308	5883	5125	5483,67	395,53	5483,67 ± 395,53
	28	5967	5100	5892	5653,00	480,38	5653,00 ± 480,38

F1	0	7217	7500	7517	7411,33	168,51	7411,33 ± 168,51
	3	7208	7292	7267	7255,67	43,13	7255,67 ± 43,13
	7	7000	7092	7025	7039,00	47,57	7039,00 ± 47,57
	14	7200	7292	7442	7311,33	122,15	7311,33 ± 122,15
	21	7067	7375	7167	7203,00	157,12	7203,00 ± 157,12
	28	7350	7077	7233	7220,00	136,96	7220,00 ± 136,96

Lampiran 30. Data hasil evaluasi Daya Sebar (Suhur uang)

Formula	**Hari ke-**	**Replikasi**			**Rata-rata**	**SD**	**Rata-rata ± SD**
		1	**2**	**3**			
F0	0	6,28	6,12	6,32	6,24	0,11	6,24 ± 0,11
	3	6,38	6,25	6,70	6,44	0,23	6,44 ± 0,23
	7	6,23	6,70	6,50	6,48	0,24	6,48 ± 0,24
	14	6,38	6,21	6,17	6,25	0,11	6,25 ± 0,11
	21	6,29	6,19	6,30	6,26	0,06	6,26 ± 0,06
	28	6,27	6,44	6,34	6,35	0,09	6,35 ± 0,09
F1	0	6,25	6,15	6,06	6,15	0,10	6,15 ± 0,10
	3	6,08	6,09	6,20	6,12	0,07	6,12 ± 0,07
	7	6,17	6,03	6,18	6,13	0,08	6,13 ± 0,08
	14	6,21	6,10	6,22	6,18	0,07	6,18 ± 0,07
	21	6,26	6,18	6,25	6,23	0,04	6,23 ± 0,04
	28	6,25	6,12	6,30	6,22	0,09	6,22 ± 0,09

Lampiran 31. Data hasil evaluasi Daya Lekat (Suhur uang)

Formula	Hari ke-	Replikasi			Rata-rata	SD	Rata-rata ± SD
		1	2	3			
F0	0	4,27	4,85	4,21	4,44	0,35	4,44 ± 0,35
	3	4,59	5,20	4,63	4,81	0,34	4,81 ± 0,34
	7	3,99	4,12	4,20	4,10	0,11	4,10 ± 0,11
	14	4,30	3,98	4,66	4,30	0,34	4,30 ± 0,34
	21	4,56	4,34	4,23	4,38	0,17	4,38 ± 0,17
	28	4,49	4,53	4,10	4,37	0,24	4,37 ± 0,24
F1	0	5,38	5,27	6,29	5,65	0,56	5,65 ± 0,56
	3	5,93	5,26	5,33	5,51	0,37	5,51 ± 0,37
	7	6,16	5,76	6,67	6,20	0,46	6,20 ± 0,46
	14	6,19	5,22	6,09	5,83	0,53	5,83 ± 0,53
	21	6,27	5,65	5,96	5,96	0,31	5,96 ± 0,31
	28	6,23	5,29	6,41	5,98	0,60	5,98 ± 0,60

Lampiran 32. Data hasil evaluasi pH (*freeze-thaw*)

Formula	Siklus	Replikasi			Rata-rata	SD	Rata-rata ± SD
		1	2	3			
F0	1	6,35	6,29	6,23	6,29	0,06	6,29 ± 0,06
	2	5,23	5,28	5,26	5,26	0,03	5,26 ± 0,03
	3	5,84	5,87	5,79	5,83	0,04	5,83 ± 0,04
	4	6,45	6,34	6,39	6,39	0,06	6,39 ± 0,06
	5	5,38	5,28	5,45	5,37	0,09	5,37 ± 0,09
	6	5,53	5,48	5,30	5,50	0,03	5,50 ± 0,03
F1	1	5,47	5,43	5,46	5,45	0,02	5,45 ± 0,02
	2	4,44	4,47	4,45	4,45	0,02	4,45 ± 0,02
	3	4,73	4,70	4,75	4,73	0,03	4,73 ± 0,03
	4	5,10	5,04	5,09	5,08	0,03	5,08 ± 0,03
	5	4,66	4,70	4,68	4,68	0,02	4,68 ± 0,02
	6	4,70	4,69	4,67	4,69	0,02	4,69 ± 0,02

Lampiran 33. Data hasil evaluasi Viskositas (*freeze-thaw*)

Formula	Siklus	Replikasi			Rata-rata	SD	Rata-rata ± SD
		1	2	3			
F0	1	5550	5400	5375	5441,67	94,65	5441,67 ± 94,65
	2	4825	5283	4875	4994,33	251,24	4994,33 ± 251,24
	3	5000	5133	5033	5055,33	69,26	5055,33 ± 69,26
	4	5133	4592	4578	4827,67	277,15	4827,67 ± 277,15
	5	5175	5233	5308	5238,67	66,68	5238,67 ± 66,68
	6	5158	5225	5237	5206,67	42,57	5206,67 ± 42,57
F1	1	7550	8117	7508	7725,00	340,13	7725,00 ± 340,13
	2	8008	8067	8058	8044,33	31,79	8044,33 ± 31,79
	3	9850	10033	9483	9788,67	280,08	9788,67 ± 280,08
	4	7350	7292	7125	7255,67	116,82	7255,67 ± 116,82
	5	7283	7800	7758	7613,67	287,13	7613,67 ± 287,13
	6	7267	7708	7625	7533,33	234,36	7533,33 ± 234,36

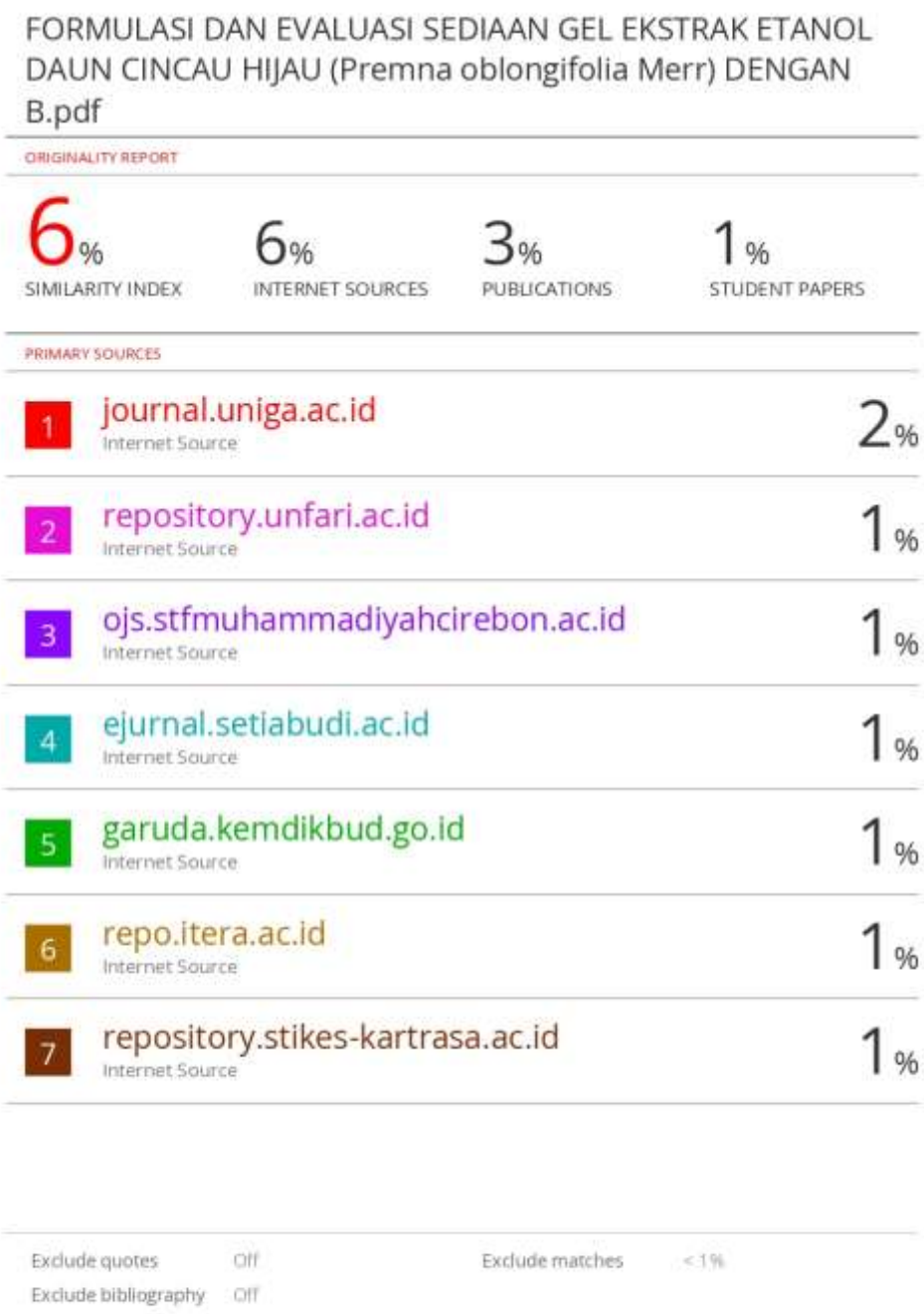
Lampiran 34. Data hasil evaluasi Daya Sebar (*freeze-thaw*)

Formula	Siklus	Replikasi			Rata-rata	SD	Rata-rata ± SD
		1	2	3			
F0	1	6,22	6,28	6,24	6,25	0,03	6,25 ± 0,03
	2	6,08	6,10	6,20	6,13	0,06	6,13 ± 0,06
	3	6,25	6,26	6,24	6,25	0,01	6,25 ± 0,01
	4	6,22	6,27	6,24	6,24	0,03	6,24 ± 0,03
	5	6,33	6,35	6,30	6,33	0,03	6,33 ± 0,03
	6	6,28	6,30	6,27	6,28	0,02	6,28 ± 0,02
F1	1	6,10	6,21	6,37	6,23	0,14	6,23 ± 0,14
	2	5,94	5,96	6,09	6,00	0,08	6,00 ± 0,08
	3	6,30	6,09	6,11	6,17	0,12	6,17 ± 0,12
	4	6,16	6,24	6,20	6,20	0,04	6,20 ± 0,04
	5	6,19	6,21	6,22	6,21	0,02	6,21 ± 0,02
	6	6,24	6,25	6,20	6,23	0,03	6,23 ± 0,03

Lampiran 35. Data hasil evaluasi Daya Lekat (*freeze-thaw*)

Formula	Siklus	Replikasi			Rata-rata	SD	Rata-rata ± SD
		1	2	3			
F0	1	3,48	3,66	3,19	3.44	0.24	3.44 ± 0.24
	2	4,03	4,92	4,75	4.57	0.47	4.57 ± 0.47
	3	4,37	4,06	4,79	4.41	0.37	4.41 ± 0.37
	4	4,89	4,40	4,21	4.51	0.35	4.51 ± 0.35
	5	4,12	4,20	4,70	4.34	0.31	4.34 ± 0.31
	6	4,53	4,31	4,14	4.33	0.20	4.33 ± 0.20
F1	1	5,88	5,71	5,94	5.84	0.12	5.84 ± 0.12
	2	6,36	6,27	6,04	6.22	0.17	6.22 ± 0.17
	3	5,65	5,89	5,42	5.65	0.24	5.65 ± 0.24
	4	6,18	6,76	6,45	6.46	0.29	6.46 ± 0.29
	5	5,33	5,66	5,11	5.37	0.28	5.37 ± 0.28
	6	6,97	6,58	6,27	6.61	0.35	6.61 ± 0.35

Lampiran 36. Hasil Turnitin



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Lampiran 37. Daftar Bimbingan

No	Tanggal	Pembimbing Proposal	Topik	Disetujui	Aksi
1	24 Oktober 2024	Soni Muhsinin, M.Si.	Novelty dan Research Gap	✔	
2	31 Oktober 2024	Soni Muhsinin, M.Si.	BAB I	✔	
3	7 November 2024	Soni Muhsinin, M.Si.	BAB 2	✔	
3	23 Oktober 2024	Dr. apt. Dodih Supriadi, M.Si.	BAB I	✔	
4	12 November 2024	Soni Muhsinin, M.Si.	Revisi BAB 2	✔	
4	31 Oktober 2024	Dr. apt. Dodih Supriadi, M.Si.	BAB I (REVISI GELLING AGENT)	✔	
5	20 Desember 2024	Soni Muhsinin, M.Si.	BAB 3 (Metode Penelitian)	✔	
5	7 November 2024	Dr. apt. Dodih Supriadi, M.Si.	BAB 2	✔	
6	8 November 2024	Dr. apt. Dodih Supriadi, M.Si.	Perubahan Judul	✔	
6	6 Januari 2025	Soni Muhsinin, M.Si.	Metode Penelitian (Formula)	✔	
7	14 Januari 2025	Soni Muhsinin, M.Si.	Penentuan Konsentrasi Ekstrak	✔	
7	9 November 2024	Dr. apt. Dodih Supriadi, M.Si.	Kemajuan I TA1	✔	
8	16 Januari 2025	Soni Muhsinin, M.Si.	Final Draft Proposal	✔	
8	12 November 2024	Dr. apt. Dodih Supriadi, M.Si.	Revisi BAB 2	✔	
9	18 November 2024	Dr. apt. Dodih Supriadi, M.Si.	BAB I & BAB 2	✔	
10	5 Desember 2024	Dr. apt. Dodih Supriadi, M.Si.	BAB 3 (Formulasi)	✔	
11	17 Desember 2024	Dr. apt. Dodih Supriadi, M.Si.	BAB 3 (Konsentrasi Formulasi)	✔	

No	Tanggal	Dosen Pembimbing	Topik	Disetujui	Aksi
1	5 Mei 2025	Soni Muhsinin, M.Si.	Kemajuan I TA2	✔	
1	5 Maret 2025	Dr. apt. Dodih Supriadi, M.Si.	Diskusi Alur Penelitian	✔	
2	9 Mei 2025	Soni Muhsinin, M.Si.	Uji Aktivitas Antibakteri	✔	
2	8 April 2025	Dr. apt. Dodih Supriadi, M.Si.	Optimasi Basis	✔	
3	15 Mei 2025	Soni Muhsinin, M.Si.	Uji aktivitas (2)	✔	
3	10 April 2025	Dr. apt. Dodih Supriadi, M.Si.	Hasil Optimasi Basis	✔	
4	22 Mei 2025	Soni Muhsinin, M.Si.	Data Bab 4	✔	
4	3 Mei 2025	Dr. apt. Dodih Supriadi, M.Si.	Kemajuan I TA2	✔	
5	15 Mei 2025	Dr. apt. Dodih Supriadi, M.Si.	Uji Aktivitas Antibakteri	✔	
5	25 Mei 2025	Soni Muhsinin, M.Si.	Draft Progres Skripsi (1)	✔	
6	22 Mei 2025	Dr. apt. Dodih Supriadi, M.Si.	Persetujuan Sidang Kolokium	✔	
6	27 Mei 2025	Soni Muhsinin, M.Si.	Draft Progres Skripsi (2)	✔	
7	28 Mei 2025	Soni Muhsinin, M.Si.	PPT Seminar Hasil	✔	
7	25 Mei 2025	Dr. apt. Dodih Supriadi, M.Si.	Draft Progres Skripsi (1)	✔	
8	28 Mei 2025	Soni Muhsinin, M.Si.	Persetujuan Sidang Kolokium	✔	
8	28 Mei 2025	Dr. apt. Dodih Supriadi, M.Si.	Data Grafik Batang	✔	
9	29 Mei 2025	Dr. apt. Dodih Supriadi, M.Si.	Revisi BAB 4	✔	

Lampiran 38. CV (*Curriculum Vitae*)

NURSYIFA LUTFIAH, S.Farm

Saya adalah lulusan Sarjana Farmasi yang memiliki pemahaman komprehensif mengenai berbagai aspek ilmu kefarmasian. Berpengalaman dalam penelitian laboratorium yang berfokus pada pengembangan serta evaluasi sediaan farmasi. Terbiasa bekerja dengan sistematis, teliti, dan berorientasi pada ketepatan hasil. Selain itu, saya memiliki kemampuan komunikasi yang baik dalam menyampaikan data ilmiah maupun informasi kesehatan. Memiliki motivasi tinggi untuk terus belajar dan berkontribusi dalam profesioniltas kefarmasian.

KONTAK

087823423377

nursyifalt@gmail.com

@nursyifalutfiah

KEAHLIAN

- Kemampuan Menyampaikan Informasi
- Leadership
- Kerja Sama Tim
- Problem Solving
- Kemampuan Beradaptasi

DATA DIRI

Bandung, 17 November 2003

Rancaekek, Kabupaten Bandung

PENDIDIKAN

Universitas Bhakti Kencana *2021-Sekarang*

- Program Studi S1 Farmasi
- IPK : 3,79/ 4,00
- Judul Skripsi : "Formulasi Dan Evaluasi Sediaan Gel Ekstrak Etanol Daun Cincau Hijau (*Premna Oblongifolia* Merr) Dengan Basis Xanthan Gum Sebagai Antijerawat"

SMK *2018-2021*

SMK Bhakti Kencana Cileunyi (Farmasi)

PENGALAMAN MAGANG

Rumah Sakit AMC *2020*

- Membantu proses penerimaan, penyimpanan, dan distribusi obat sesuai prosedur kefarmasian di rumah sakit.
- Melakukan pengecekan stok obat, pencatatan persediaan, serta mendukung sistem manajemen logistik farmasi.

PENGALAMAN ORGANISASI

KULIAH KERJA NYATA - Sekretaris *2023*

- Menyusun dan mengarsipkan dokumen resmi dan laporan kegiatan KKN secara sistematis.
- Membuat notulen rapat, laporan kegiatan, serta surat-menyurat internal maupun eksternal.

***Kom.* Lingkung Seni Sunda - Ketua Umum** *2022-2023*

- Memimpin komunitas seni mahasiswa dan berhasil mengoordinasikan anggota untuk tampil pada acara nasional **RAKERNAS ISMAFARSI 2023.**
- Mengatur perencanaan, latihan, serta manajemen acara hingga tim dapat berpartisipasi di forum skala nasional.
- Mengoptimalkan potensi seni anggota melalui kerja sama kreatif untuk meningkatkan keaktifan organisasi