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Lampiran 1. Hasil determinasi daun kersen

**UPT-LABORATORIUM**

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Nomor : 270/DET/UPT-LAB/24.09.2021

Hal : Hasil determinasi tumbuhan

Lamp. : -

Nama Pemesan : Sheila Afrilawati

NIM : 24185653A

Alamat : Program Studi S1 Farmasi,
Universitas Setia Budi, Surakarta

Nama sampel : *Muntingia calabura* L./ Kersen

HASIL DETERMINASI TUMBUHAN**Klasifikasi**

Kingdom : Plantae
Super Divisi : Spermatophyta
Divisi : Magnoliophyta
Kelas : Magnoliopsida
Ordo : Malvales
Famili : Tiliaceae
Genus : *Muntingia*
Species : *Muntingia calabura* L.

Hasil Determinasi menurut Steenis, C.G.G.J.V, Bloembergen, H, Eyma, P.J. 1992 :

1b – 2b – 3b – 4b – 6b – 7b – 9b – 10b – 11b – 12b – 13b – 15a, Golongan 8 – 109b – 119b – 120b – 128b – 129b – 135b – 136b – 139b – 140b – 142b – 143b – 146b – 154b – 155b – 156b – 162b – 163b – 167b – 169b – 171b – 177b – 179a – 180b – 182b – 183b – 184b – 185b – 186b. Familia 74. Tiliaceae. 1a. 1. *Muntingia*. *Muntingia calabura* L.

Deskripsi :

Habitus : Pohon kecil, menahun, tinggi 2 – 10 m.

Akar : Sistem akar tunggang

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- Batang** : Batang berkayu, coklat, bulat, percabangan simpodial, tegak, ranting diselimuti rapat oleh rambut biasa yang halus dan oleh rambut kelenjar.
- Daun** : Daun tunggal, berseling, helaian daun tidak sama sisi, bulat telur sampai lanset, panjang 6,3 – 9,1 cm, lebar 2,5 – 3,3 cm, ujung runcing, tepi bergerigi, permukaan bawah berambut rapat, tangkai pendek, berambut seperti wol rapat, tulang daun menyirip, hijau. Dari tiap pasang daun pelindung 1 rudimenter dan 1 bentuk benang – bentuk paku, panjang lk 0,5 cm.
- Bunga** : Bunga 1-3 menjadi satu di ketiak daun, berbilangan 5, berkelamin 2. Kelopak berbagi dalam, taju meruncing menjadi bentuk benang, berambut halus. Daun mahkota putih, tepi rata, bulat telur terbalik, gundul, panjang lk 6 mm. Tonjolan dasar bunga bentuk cawan. Benangsari banyak, terutama pada tonjolan dasar bunga. Bakal buah bertangkai pendek, gundul, beruang 5 – 6. Kepala sari hampir duduk, berlekuk 5 – 6. Tonjolan dasar bunga bentuk cawan. Benangsari banyak terutama pada tonjolan dasar bunga. Bakal buah bertangkai pendek, gundul, beruang 5 – 6. Kepala putik hampir duduk, berlekuk 5 – 6.
- Buah** : Buah buni dimahkotai dengan tangkai putik yang tetap, waktu muda hijau, setelah masak merah, panjang 1 cm.

Kepala UPT-LAB
Universitas Setia Budi



Asik Gunawan, Amdk

Surakarta, 25 September 2021

Penanggung jawab
Determinasi Tumbuhan

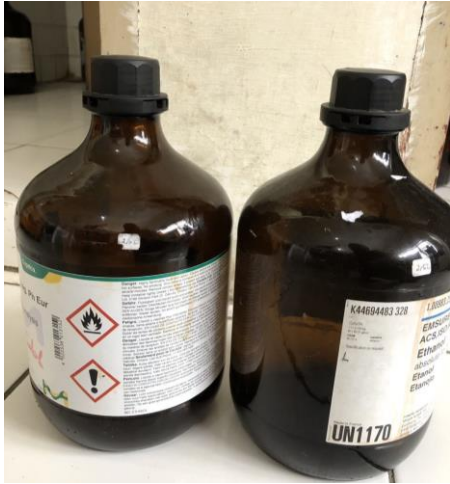


Dra. Dewi Sulistyawati. M.Sc.

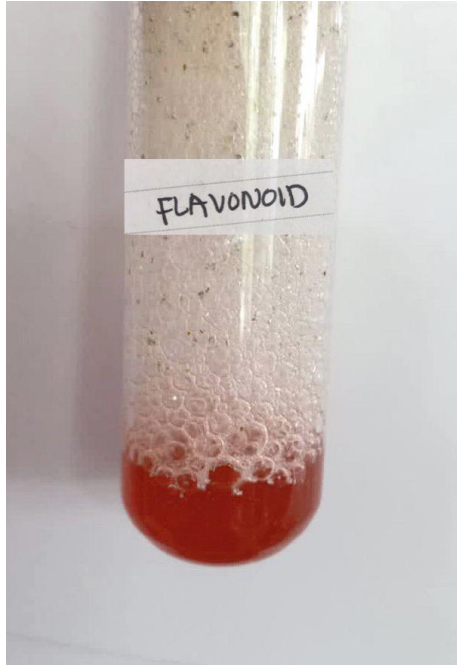
Lampiran 2. Daun kersen (Muntingia calabura L.)



Lampiran 3. Peralatan penelitian



Lampiran 4. Hasil susut kering serbuk daun kersen**Replikasi 1****Replikasi 2****Replikasi 3**

Lampiran 5. Hasil identifikasi fitokimia ekstrak daun kersen

**Uji flavonoid pada ekstrak
daun kersen**



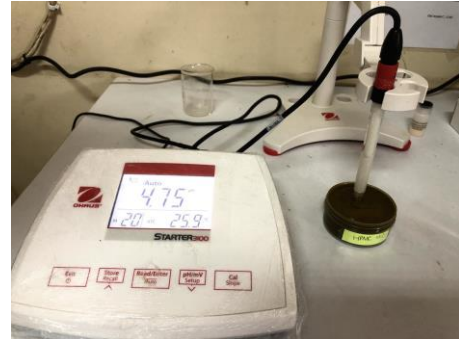
**Uji tanin pada ekstrak
daun kersen**



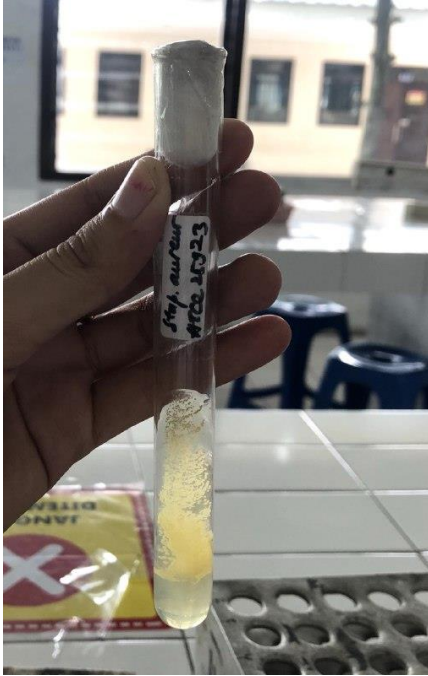
**Uji saponin pada ekstrak
daun kersen**



**Uji triterpenoid pada
ekstrak daun kersen**

Lampiran 6. Pengujian mutu fisik sediaan masker gel *peel-off***Uji homogenitas****Uji pH****Uji daya sebar****Uji daya lekat****Uji viskositas****Uji waktu mengering**

Lampiran 7. Konsentrasi larutan uji ekstrak daun kersen

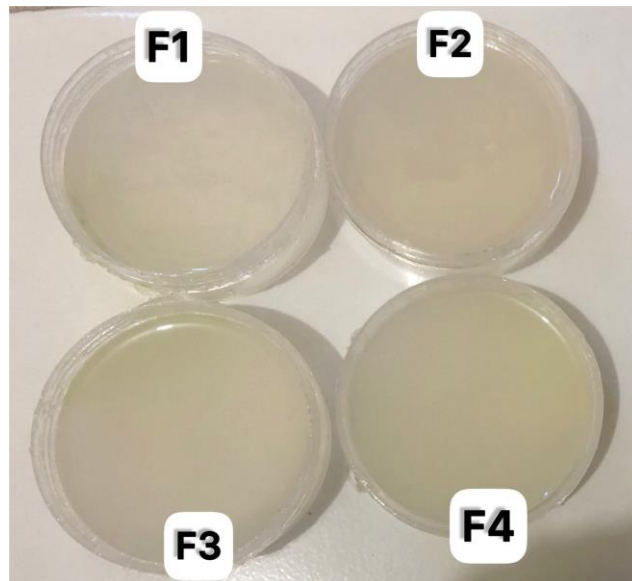
Lampiran 8. Bakteri dan suspensi Staphylococcus aureus ATCC 25923

**Bakteri *Staphylococcus aureus*
ATCC 25923**

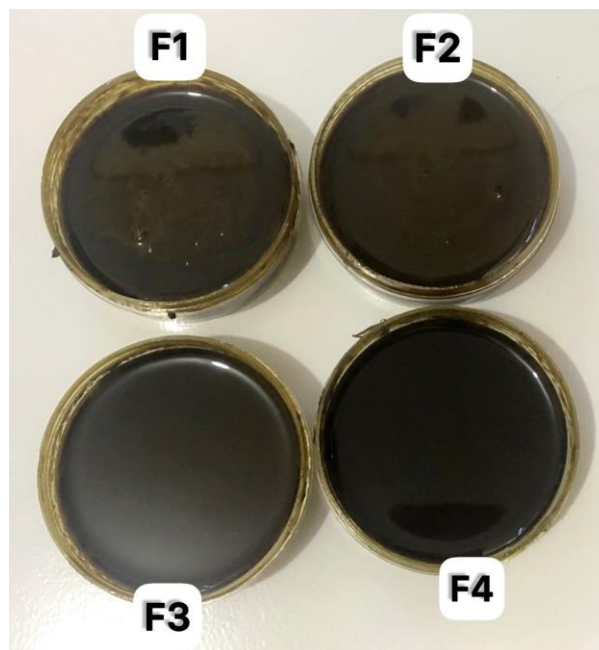


**Suspensi BHI dengan Mc
Farland 0,5**

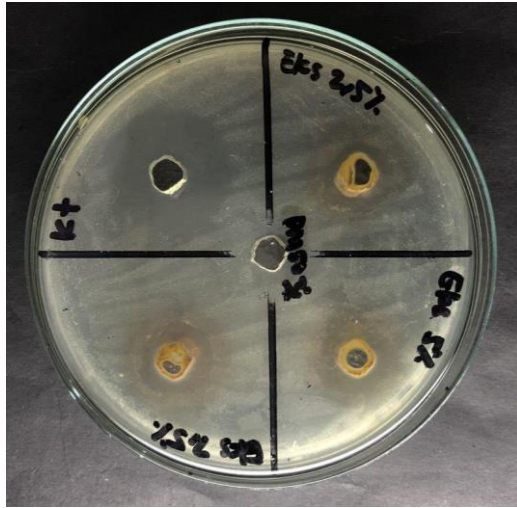
Lampiran 9. Sediaan masker gel *peel-off*



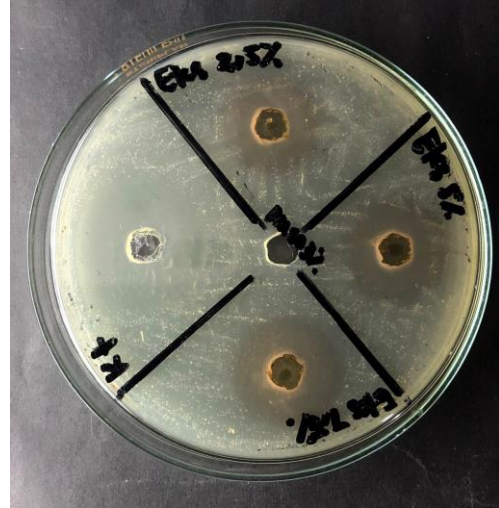
Basis masker gel *peel-off*



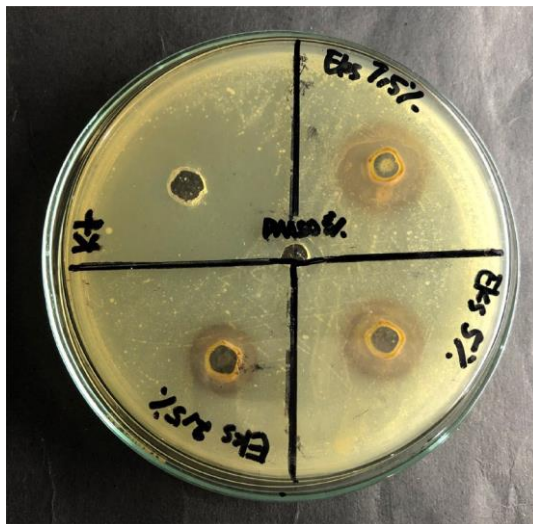
Masker gel *peel-off* ekstrak daun kersen

Lampiran 10. Hasil aktivitas antibakteri ekstrak daun kersen

Replikasi 1

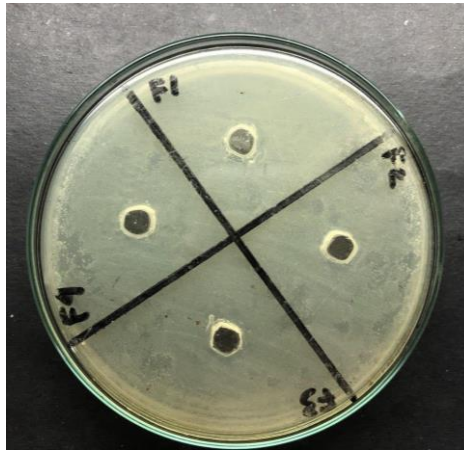
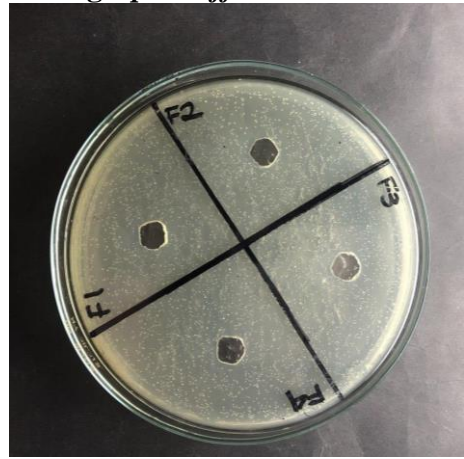
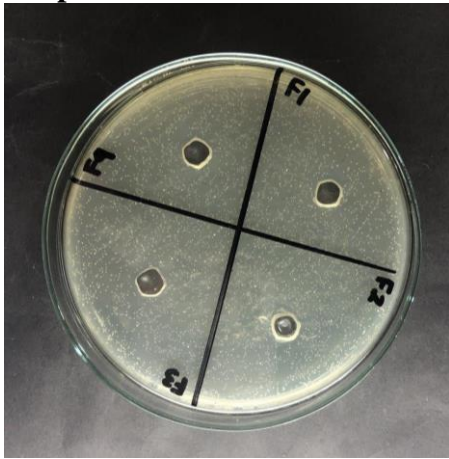


Replikasi 2



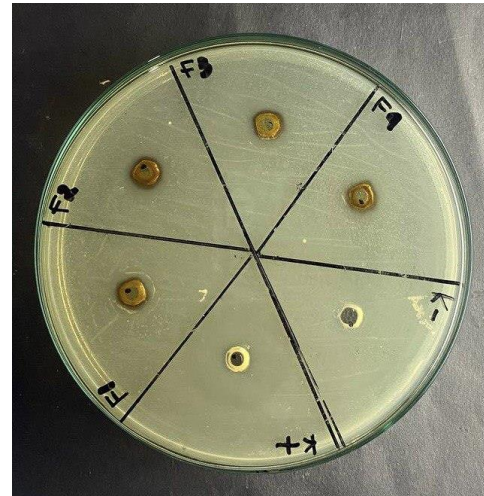
Replikasi 3

Lampiran 11. Hasil aktivitas antibakteri masker gel *peel-off*

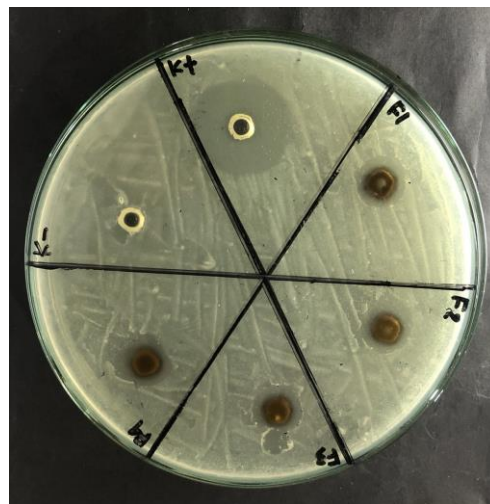




Replikasi 1



Replikasi 2



Replikasi 3

Lampiran 12. Hasil perhitungan rendemen simplisia daun kersen

Perhitungan rendemen serbuk :

$$\begin{aligned}\text{Rendemen (\%)} &= \frac{\text{bobot serbuk kering (g)}}{\text{bobot serbuk basah (g)}} \times 100 \\ &= \frac{1.250}{3.000} \times 100 \\ &= 41,67 \%\end{aligned}$$

Lampiran 13. Hasil perhitungan rendemen ekstrak daun kersen

Perhitungan Rendemen ekstrak :

$$\begin{aligned}\text{Rendemen (\%)} &= \frac{\text{bobot ekstrak (g)}}{\text{bobot serbuk (g)}} \times 100 \\ &= \frac{122}{600} \times 100 \\ &= 20,3 \%\end{aligned}$$

Lampiran 14. Hasil perhitungan kadar air ekstrak daun kersen

1. Replikasi 1

- Berat kurs porselin kosong = 26,415 gram
- Berat cawan + ekstrak = 36,501 gram
- Berat awal ekstrak = 10,086 gram
 ((Berat cawan + ekstrak) – (Berat kurs porselin kosong))
 = (36,501- 26,415)
 = 10,086
- Berat cawan + ekstrak setelah dioven = 35,800 gram
- Berat ekstrak setelah dioven = 9,386 gram
- ((Berat cawan + ekstrak setelah dioven) – (Berat kurs porselin kosong))
 = (35,800 - 26,415)
 = 9,386

$$\text{Kadar air} = \frac{W1 - W2}{W1} \times 100\%$$

$$= \frac{10,086 - 9,386}{10,086} \times 100\%$$

$$= 7,38\%$$

2. Replikasi 2

- Berat kurs porselin kosong = 26,041 gram
- Berat cawan + ekstrak = 36,174 gram
- Berat awal ekstrak = 10,133 gram
 ((Berat cawan + ekstrak) – (Berat kurs porselin kosong))
 = (36,174 - 26,041)
 = 10,133
- Berat cawan + ekstrak setelah dioven = 35,419 gram
- Berat ekstrak setelah dioven = 9,378 gram
- ((Berat cawan + ekstrak setelah dioven) – (Berat kurs porselin kosong))
 = (35,419 - 26,041)
 = 9,378

$$\text{Kadar air} = \frac{W1 - W2}{W1} \times 100\%$$

$$= \frac{10,133 - 9,378}{10,133} \times 100\%$$

$$= 7,29\%$$

3. Replikasi 3

- Berat kurs porselin kosong = 40,845 gram
- Berat cawan + ekstrak = 50,961 gram
- Berat awal ekstrak = 10,116 gram
- ((Berat cawan + ekstrak) – (Berat kurs porselin kosong))
= (50,961 - 40,845)
= 10,116
- Berat cawan + ekstrak setelah dioven = 50,193 gram
- Berat ekstrak setelah dioven = 9,348 gram
- ((Berat cawan + ekstrak setelah dioven) – (Berat kurs porselin kosong))
= (50,193 – 40,845)
= 9,348

$$\begin{aligned}\text{Kadar air} &= \frac{W1 - W2}{W1} \times 100\% \\ &= \frac{10,116 - 9,348}{10,116} \times 100\% \\ &= 7,31\%\end{aligned}$$

Lampiran 15. Hasil pembuatan konsentrasi larutan uji

Pembuatan seri konsentrasi ekstrak daun kersen biji dengan pelarut DMSO

3% :

1. Konsentrasi 2,5% = 2,5 gram/100 ml
= 0,25 gram/10 ml

Menimbang 0,25 gram ekstrak daun kersen kemudian dilarutkan dengan DMSO 3% ad 10 ml.

2. Konsentrasi 5% = 5 gram/100 ml
0,5 gram/10 ml

Menimbang 0,5 gram ekstrak daun kersen kemudian dilarutkan dengan DMSO 3% ad 10 ml.

3. Konsentrasi 7,5% = 7,5 gram/100 ml
0,75 gram/10 ml

Menimbang 0,75 gram ekstrak daun kersen kemudian dilarutkan dengan DMSO 3% ad 10 ml.

Lampiran 16. Data dan statistik uji mutu fisik pH sediaan masker gel *peel-off*

Uji mutu fisik pH								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	5,84	5,91	5,98	6,05	4,88	5,02	5,13	5,27
2	5,85	5,90	5,96	6,00	4,92	5,01	5,08	5,25
3	5,87	5,93	6,00	6,14	4,93	5,04	5,15	5,30
Rata-rata	5,85	5,91	5,98	6,06	4,91	5,02	5,12	5,27
SD	0,02	0,02	0,02	0,07	0,03	0,02	0,04	0,03

Tests of Normality							
	Mutu fisik uji pH	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Nilai uji pH	KB1	.253	3	.	.964	3	.637
	KB2	.253	3	.	.964	3	.637
	KB3	.175	3	.	1.000	3	1.000
	KB4	.241	3	.	.974	3	.688
	F1	.314	3	.	.893	3	.363
	F2	.253	3	.	.964	3	.637
	F3	.276	3	.	.942	3	.537
	F4	.219	3	.	.987	3	.780

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Nilai uji pH

Levene Statistic	df1	df2	Sig.
2.361	7	16	.073

ANOVA

Nilai uji pH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.837	7	.691	630.513	.000
Within Groups	.018	16	.001		
Total	4.854	23			

Multiple Comparisons

Dependent Variable: Nilai uji pH

Tukey HSD

(I) Mutu fisik uji pH	(J) Mutu fisik uji pH	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
KB1	KB2	-.06000	.02703	.390	-.1536	.0336
	KB3	-.12667 [*]	.02703	.005	-.2202	-.0331
	KB4	-.21000 [*]	.02703	.000	-.3036	-.1164
	F1	.94333 [*]	.02703	.000	.8498	1.0369
	F2	.83000 [*]	.02703	.000	.7364	.9236
	F3	.73333 [*]	.02703	.000	.6398	.8269
	F4	.58000 [*]	.02703	.000	.4864	.6736
KB2	KB1	.06000	.02703	.390	-.0336	.1536
	KB3	-.06667	.02703	.276	-.1602	.0269
	KB4	-.15000 [*]	.02703	.001	-.2436	-.0564
	F1	1.00333 [*]	.02703	.000	.9098	1.0969
	F2	.89000 [*]	.02703	.000	.7964	.9836
	F3	.79333 [*]	.02703	.000	.6998	.8869
	F4	.64000 [*]	.02703	.000	.5464	.7336
KB3	KB1	.12667 [*]	.02703	.005	.0331	.2202
	KB2	.06667	.02703	.276	-.0269	.1602
	KB4	-.08333	.02703	.100	-.1769	.0102
	F1	1.07000 [*]	.02703	.000	.9764	1.1636
	F2	.95667 [*]	.02703	.000	.8631	1.0502
	F3	.86000 [*]	.02703	.000	.7664	.9536
	F4	.70667 [*]	.02703	.000	.6131	.8002
KB4	KB1	.21000 [*]	.02703	.000	.1164	.3036
	KB2	.15000 [*]	.02703	.001	.0564	.2436
	KB3	.08333	.02703	.100	-.0102	.1769
	F1	1.15333 [*]	.02703	.000	1.0598	1.2469
	F2	1.04000 [*]	.02703	.000	.9464	1.1336
	F3	.94333 [*]	.02703	.000	.8498	1.0369
	F4	.79000 [*]	.02703	.000	.6964	.8836
F1	KB1	-.94333 [*]	.02703	.000	-1.0369	-.8498
	KB2	-1.00333 [*]	.02703	.000	-1.0969	-.9098
	KB3	-1.07000 [*]	.02703	.000	-1.1636	-.9764

	KB4	-1.15333*	.02703	.000	-1.2469	-1.0598
	F2	-.11333*	.02703	.012	-.2069	-.0198
	F3	-.21000*	.02703	.000	-.3036	-.1164
	F4	-.36333*	.02703	.000	-.4569	-.2698
F2	KB1	-.83000*	.02703	.000	-.9236	-.7364
	KB2	-.89000*	.02703	.000	-.9836	-.7964
	KB3	-.95667*	.02703	.000	-1.0502	-.8631
	KB4	-1.04000*	.02703	.000	-1.1336	-.9464
	F1	.11333*	.02703	.012	.0198	.2069
	F3	-.09667*	.02703	.040	-.1902	-.0031
	F4	-.25000*	.02703	.000	-.3436	-.1564
F3	KB1	-.73333*	.02703	.000	-.8269	-.6398
	KB2	-.79333*	.02703	.000	-.8869	-.6998
	KB3	-.86000*	.02703	.000	-.9536	-.7664
	KB4	-.94333*	.02703	.000	-1.0369	-.8498
	F1	.21000*	.02703	.000	.1164	.3036
	F2	.09667*	.02703	.040	.0031	.1902
	F4	-.15333*	.02703	.001	-.2469	-.0598
F4	KB1	-.58000*	.02703	.000	-.6736	-.4864
	KB2	-.64000*	.02703	.000	-.7336	-.5464
	KB3	-.70667*	.02703	.000	-.8002	-.6131
	KB4	-.79000*	.02703	.000	-.8836	-.6964
	F1	.36333*	.02703	.000	.2698	.4569
	F2	.25000*	.02703	.000	.1564	.3436
	F3	.15333*	.02703	.001	.0598	.2469

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

Lampiran 17. Data dan statistik uji mutu fisik viskositas sediaan masker gel peel-off

Uji mutu fisik viskositas (cPs)								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	20000	30000	45000	50000	15000	25000	40000	48000
2	15000	35000	48000	55000	11000	30000	45000	50000
3	20000	35000	50000	55000	15000	30000	40000	50000
Rata-rata	18333,33	33333,33	47666,67	53333,33	13666,67	28333,33	41666,67	49333,33
SD	2886,75	2886,75	2516,61	2886,75	2309,40	2886,75	2886,75	1154,70

Tests of Normality

	Mutu fisik uji viskositas	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	Df	Sig.
Nilai uji viskositas	Kontrol basis 1	.385	3	.	.750	3	.000
	Kontrol basis 2	.385	3	.	.750	3	.000
	Kontrol basis 3	.219	3	.	.987	3	.780
	Kontrol basis 4	.385	3	.	.750	3	.000
	Formula 1	.385	3	.	.750	3	.000
	Formula 2	.385	3	.	.750	3	.000
	Formula 3	.385	3	.	.750	3	.000
	Formula 4	.385	3	.	.750	3	.000

a. Lilliefors Significance Correction

Kruskal-Wallis Test

Ranks

	Mutu fisik uji viskositas	N	Mean Rank
Nilai uji viskositas	Kontrol basis 1	3	4.67
	Kontrol basis 2	3	10.67
	Kontrol basis 3	3	17.83
	Kontrol basis 4	3	22.50
	Formula 1	3	2.33
	Formula 2	3	8.33
	Formula 3	3	14.17
	Formula 4	3	19.50
	Total	24	

Test Statistics^{a,b}

	Nilai uji viskositas
Chi-Square	22.171
Df	7
Asymp. Sig.	.002

a. Kruskal Wallis Test

b. Grouping Variable: Mutu fisik uji viskositas

Lampiran 18. Data dan statistik uji mutu fisik daya sebar sediaan masker gel peel-off

Uji mutu fisik daya sebar (cm)									
Replikasi	Beban (gram)	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	0	6,20	6,00	5,65	5,35	7,30	6,85	6,50	6,05
2		6,15	5,95	5,50	5,40	7,35	7,00	6,40	6,00
3		6,25	5,85	5,55	5,45	7,45	6,95	6,45	6,10
Rata-rata		6,20	5,93	5,57	5,40	7,37	6,93	6,45	6,05
SD		0,04	0,06	0,06	0,04	0,06	0,06	0,04	0,04
1	50	6,20	6,00	5,65	5,35	7,30	6,85	6,50	6,05
2		6,15	5,95	5,50	5,40	7,35	7,00	6,40	6,00
3		6,25	5,85	5,55	5,45	7,45	6,95	6,45	6,10
Rata-rata		6,20	5,93	5,57	5,40	7,37	6,93	6,45	6,05
SD		0,04	0,06	0,06	0,04	0,06	0,06	0,04	0,04
1	100	6,20	6,00	5,65	5,35	7,30	6,85	6,50	6,05
2		6,15	5,95	5,50	5,40	7,35	7,00	6,40	6,00
3		6,25	5,85	5,55	5,45	7,45	6,95	6,45	6,10
Rata-rata		6,20	5,93	5,57	5,40	7,37	6,93	6,45	6,05
SD		0,04	0,06	0,06	0,04	0,06	0,06	0,04	0,04
1	150	6,20	6,00	5,65	5,35	7,30	6,85	6,50	6,05
2		6,15	5,95	5,50	5,40	7,35	7,00	6,40	6,00
3		6,25	5,85	5,55	5,45	7,45	6,95	6,45	6,10
Rata-rata		6,20	5,93	5,57	5,40	7,37	6,93	6,45	6,05
SD		0,04	0,06	0,06	0,04	0,06	0,06	0,04	0,04

Tests of Normality

	Mutu fisik uji daya Sebar	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	df	Sig.
Nilai beban 0	KB1	.175	3	.	1.000	3	1.000
	KB2	.253	3	.	.964	3	.637
	KB3	.253	3	.	.964	3	.637
	KB4	.253	3	.	.964	3	.637
	F1	.175	3	.	1.000	3	1.000
	F2	.175	3	.	1.000	3	1.000
	F3	.253	3	.	.964	3	.637
	F4	.175	3	.	1.000	3	1.000
Nilai beban 50	KB1	.253	3	.	.964	3	.637
	KB2	.253	3	.	.964	3	.637
	KB3	.253	3	.	.964	3	.637
	KB4	.175	3	.	1.000	3	1.000
	F1	.175	3	.	1.000	3	1.000

	F2	.253	3	.	.964	3	.637
	F3	.175	3	.	1.000	3	1.000
	F4	.175	3	.	1.000	3	1.000
Nilai beban 100	KB1	.175	3	.	1.000	3	1.000
	KB2	.175	3	.	1.000	3	1.000
	KB3	.175	3	.	1.000	3	1.000
	KB4	.175	3	.	1.000	3	1.000
	F1	.253	3	.	.964	3	.637
	F2	.175	3	.	1.000	3	1.000
	F3	.175	3	.	1.000	3	1.000
	F4	.175	3	.	1.000	3	1.000
Nilai beban 150	KB1	.175	3	.	1.000	3	1.000
	KB2	.253	3	.	.964	3	.637
	KB3	.253	3	.	.964	3	.637
	KB4	.175	3	.	1.000	3	1.000
	F1	.253	3	.	.964	3	.637
	F2	.253	3	.	.964	3	.637
	F3	.175	3	.	1.000	3	1.000
	F4	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Nilai beban 0	.416	7	16	.879
Nilai beban 50	.416	7	16	.879
Nilai beban 100	.438	7	16	.864
Nilai beban 150	.416	7	16	.879

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
Nilai beban 0	Between Groups	.837	7	.120	28.686	.000
	Within Groups	.067	16	.004		
	Total	.903	23			
Nilai beban 50	Between Groups	3.142	7	.449	107.714	.000
	Within Groups	.067	16	.004		
	Total	3.208	23			
Nilai beban 100	Between Groups	8.018	7	1.145	297.201	.000
	Within Groups	.062	16	.004		
	Total	8.080	23			
Nilai beban 150	Between Groups	9.255	7	1.322	317.300	.000

Within Groups	.067	16	.004		
Total	9.321	23			

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Uji stabilitas daya sebar	(J) Uji stabilitas daya sebar	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Sebelum cycling test 0	KB1	KB2	.16667	.05270	.087	-.0158	.3491
		KB3	.31667*	.05270	.000	.1342	.4991
		KB4	.41667*	.05270	.000	.2342	.5991
		F1	-.15000	.05270	.151	-.3325	.0325
		F2	.00000	.05270	1.000	-.1825	.1825
		F3	.23333*	.05270	.008	.0509	.4158
		F4	.35000*	.05270	.000	.1675	.5325
	KB2	KB1	-.16667	.05270	.087	-.3491	.0158
		KB3	.15000	.05270	.151	-.0325	.3325
		KB4	.25000*	.05270	.004	.0675	.4325
		F1	-.31667*	.05270	.000	-.4991	-.1342
		F2	-.16667	.05270	.087	-.3491	.0158
		F3	.06667	.05270	.899	-.1158	.2491
		F4	.18333*	.05270	.048	.0009	.3658
	KB3	KB1	-.31667*	.05270	.000	-.4991	-.1342
		KB2	-.15000	.05270	.151	-.3325	.0325
		KB4	.10000	.05270	.571	-.0825	.2825
		F1	-.46667*	.05270	.000	-.6491	-.2842
		F2	-.31667*	.05270	.000	-.4991	-.1342
		F3	-.08333	.05270	.754	-.2658	.0991
		F4	.03333	.05270	.998	-.1491	.2158
	KB4	KB1	-.41667*	.05270	.000	-.5991	-.2342
		KB2	-.25000*	.05270	.004	-.4325	-.0675
		KB3	-.10000	.05270	.571	-.2825	.0825
		F1	-.56667*	.05270	.000	-.7491	-.3842
		F2	-.41667*	.05270	.000	-.5991	-.2342
		F3	-.18333*	.05270	.048	-.3658	-.0009

		F4		-.06667	.05270	.899	-.2491	.1158
F1		KB1		.15000	.05270	.151	-.0325	.3325
		KB2		.31667*	.05270	.000	.1342	.4991
		KB3		.46667*	.05270	.000	.2842	.6491
		KB4		.56667*	.05270	.000	.3842	.7491
		F2		.15000	.05270	.151	-.0325	.3325
		F3		.38333*	.05270	.000	.2009	.5658
		F4		.50000*	.05270	.000	.3175	.6825
F2		KB1		.00000	.05270	1.000	-.1825	.1825
		KB2		.16667	.05270	.087	-.0158	.3491
		KB3		.31667*	.05270	.000	.1342	.4991
		KB4		.41667*	.05270	.000	.2342	.5991
		F1		-.15000	.05270	.151	-.3325	.0325
		F3		.23333*	.05270	.008	.0509	.4158
		F4		.35000*	.05270	.000	.1675	.5325
F3		KB1		-.23333*	.05270	.008	-.4158	-.0509
		KB2		-.06667	.05270	.899	-.2491	.1158
		KB3		.08333	.05270	.754	-.0991	.2658
		KB4		.18333*	.05270	.048	.0009	.3658
		F1		-.38333*	.05270	.000	-.5658	-.2009
		F2		-.23333*	.05270	.008	-.4158	-.0509
		F4		.11667	.05270	.393	-.0658	.2991
F4		KB1		-.35000*	.05270	.000	-.5325	-.1675
		KB2		-.18333*	.05270	.048	-.3658	-.0009
		KB3		-.03333	.05270	.998	-.2158	.1491
		KB4		.06667	.05270	.899	-.1158	.2491
		F1		-.50000*	.05270	.000	-.6825	-.3175
		F2		-.35000*	.05270	.000	-.5325	-.1675
		F3		-.11667	.05270	.393	-.2991	.0658
Sebelum cycling test 50	KB1	KB2		.18333*	.05270	.048	.0009	.3658
		KB3		.33333*	.05270	.000	.1509	.5158
		KB4		.46667*	.05270	.000	.2842	.6491
		F1		-.58333*	.05270	.000	-.7658	-.4009
		F2		-.46667*	.05270	.000	-.6491	-.2842
		F3		-.03333	.05270	.998	-.2158	.1491
		F4		.36667*	.05270	.000	.1842	.5491

KB2	KB1	-.18333*	.05270	.048	-.3658	-.0009
	KB3	.15000	.05270	.151	-.0325	.3325
	KB4	.28333*	.05270	.001	.1009	.4658
	F1	-.76667*	.05270	.000	-.9491	-.5842
	F2	-.65000*	.05270	.000	-.8325	-.4675
	F3	-.21667*	.05270	.014	-.3991	-.0342
	F4	.18333*	.05270	.048	.0009	.3658
KB3	KB1	-.33333*	.05270	.000	-.5158	-.1509
	KB2	-.15000	.05270	.151	-.3325	.0325
	KB4	.13333	.05270	.251	-.0491	.3158
	F1	-.91667*	.05270	.000	-1.0991	-.7342
	F2	-.80000*	.05270	.000	-.9825	-.6175
	F3	-.36667*	.05270	.000	-.5491	-.1842
	F4	.03333	.05270	.998	-.1491	.2158
KB4	KB1	-.46667*	.05270	.000	-.6491	-.2842
	KB2	-.28333*	.05270	.001	-.4658	-.1009
	KB3	-.13333	.05270	.251	-.3158	.0491
	F1	-1.05000*	.05270	.000	-1.2325	-.8675
	F2	-.93333*	.05270	.000	-1.1158	-.7509
	F3	-.50000*	.05270	.000	-.6825	-.3175
	F4	-.10000	.05270	.571	-.2825	.0825
F1	KB1	.58333*	.05270	.000	.4009	.7658
	KB2	.76667*	.05270	.000	.5842	.9491
	KB3	.91667*	.05270	.000	.7342	1.0991
	KB4	1.05000*	.05270	.000	.8675	1.2325
	F2	.11667	.05270	.393	-.0658	.2991
	F3	.55000*	.05270	.000	.3675	.7325
	F4	.95000*	.05270	.000	.7675	1.1325
F2	KB1	.46667*	.05270	.000	.2842	.6491
	KB2	.65000*	.05270	.000	.4675	.8325
	KB3	.80000*	.05270	.000	.6175	.9825
	KB4	.93333*	.05270	.000	.7509	1.1158
	F1	-.11667	.05270	.393	-.2991	.0658
	F3	.43333*	.05270	.000	.2509	.6158
	F4	.83333*	.05270	.000	.6509	1.0158
F3	KB1	.03333	.05270	.998	-.1491	.2158
	KB2	.21667*	.05270	.014	.0342	.3991

		KB3	.36667*	.05270	.000	.1842	.5491
		KB4	.50000*	.05270	.000	.3175	.6825
		F1	-.55000*	.05270	.000	-.7325	-.3675
		F2	-.43333*	.05270	.000	-.6158	-.2509
		F4	.40000*	.05270	.000	.2175	.5825
F4		KB1	-.36667*	.05270	.000	-.5491	-.1842
		KB2	-.18333*	.05270	.048	-.3658	-.0009
		KB3	-.03333	.05270	.998	-.2158	.1491
		KB4	.10000	.05270	.571	-.0825	.2825
		F1	-.95000*	.05270	.000	-1.1325	-.7675
		F2	-.83333*	.05270	.000	-1.0158	-.6509
		F3	-.40000*	.05270	.000	-.5825	-.2175
Sebelum cycling test 100	KB1	KB2	.50000*	.05069	.000	.3245	.6755
		KB3	.70000*	.05069	.000	.5245	.8755
		KB4	.75000*	.05069	.000	.5745	.9255
		F1	-1.06667*	.05069	.000	-1.2422	-.8912
		F2	-.45000*	.05069	.000	-.6255	-.2745
		F3	-.10000	.05069	.527	-.2755	.0755
		F4	.25000*	.05069	.003	.0745	.4255
	KB2	KB1	-.50000*	.05069	.000	-.6755	-.3245
		KB3	.20000*	.05069	.020	.0245	.3755
		KB4	.25000*	.05069	.003	.0745	.4255
		F1	-1.56667*	.05069	.000	-1.7422	-1.3912
		F2	-.95000*	.05069	.000	-1.1255	-.7745
		F3	-.60000*	.05069	.000	-.7755	-.4245
		F4	-.25000*	.05069	.003	-.4255	-.0745
	KB3	KB1	-.70000*	.05069	.000	-.8755	-.5245
		KB2	-.20000*	.05069	.020	-.3755	-.0245
		KB4	.05000	.05069	.970	-.1255	.2255
		F1	-1.76667*	.05069	.000	-1.9422	-1.5912
		F2	-1.15000*	.05069	.000	-1.3255	-.9745
		F3	-.80000*	.05069	.000	-.9755	-.6245
		F4	-.45000*	.05069	.000	-.6255	-.2745
	KB4	KB1	-.75000*	.05069	.000	-.9255	-.5745
		KB2	-.25000*	.05069	.003	-.4255	-.0745
		KB3	-.05000	.05069	.970	-.2255	.1255
		F1	-1.81667*	.05069	.000	-1.9922	-1.6412

		F2	-1.2000*	.05069	.000	-1.3755	-1.0245
		F3	-.85000*	.05069	.000	-1.0255	-.6745
		F4	-.50000*	.05069	.000	-.6755	-.3245
F1		KB1	1.06667*	.05069	.000	.8912	1.2422
		KB2	1.56667*	.05069	.000	1.3912	1.7422
		KB3	1.76667*	.05069	.000	1.5912	1.9422
		KB4	1.81667*	.05069	.000	1.6412	1.9922
		F2	.61667*	.05069	.000	.4412	.7922
		F3	.96667*	.05069	.000	.7912	1.1422
		F4	1.31667*	.05069	.000	1.1412	1.4922
F2		KB1	.45000*	.05069	.000	.2745	.6255
		KB2	.95000*	.05069	.000	.7745	1.1255
		KB3	1.15000*	.05069	.000	.9745	1.3255
		KB4	1.20000*	.05069	.000	1.0245	1.3755
		F1	-.61667*	.05069	.000	-.7922	-.4412
		F3	.35000*	.05069	.000	.1745	.5255
		F4	.70000*	.05069	.000	.5245	.8755
F3		KB1	.10000	.05069	.527	-.0755	.2755
		KB2	.60000*	.05069	.000	.4245	.7755
		KB3	.80000*	.05069	.000	.6245	.9755
		KB4	.85000*	.05069	.000	.6745	1.0255
		F1	-.96667*	.05069	.000	-1.1422	-.7912
		F2	-.35000*	.05069	.000	-.5255	-.1745
		F4	.35000*	.05069	.000	.1745	.5255
F4		KB1	-.25000*	.05069	.003	-.4255	-.0745
		KB2	.25000*	.05069	.003	.0745	.4255
		KB3	.45000*	.05069	.000	.2745	.6255
		KB4	.50000*	.05069	.000	.3245	.6755
		F1	-1.31667*	.05069	.000	-1.4922	-1.1412
		F2	-.70000*	.05069	.000	-.8755	-.5245
		F3	-.35000*	.05069	.000	-.5255	-.1745
Sebelum cycling test 150	KB1	KB2	.26667*	.05270	.002	.0842	.4491
		KB3	.63333*	.05270	.000	.4509	.8158
		KB4	.80000*	.05270	.000	.6175	.9825
		F1	-1.16667*	.05270	.000	-1.3491	-.9842
		F2	-.73333*	.05270	.000	-.9158	-.5509
		F3	-.25000*	.05270	.004	-.4325	-.0675

	F4	.15000	.05270	.151	-.0325	.3325
KB2	KB1	-.26667*	.05270	.002	-.4491	-.0842
	KB3	.36667*	.05270	.000	.1842	.5491
	KB4	.53333*	.05270	.000	.3509	.7158
	F1	-1.43333*	.05270	.000	-1.6158	-1.2509
	F2	-1.00000*	.05270	.000	-1.1825	-.8175
	F3	-.51667*	.05270	.000	-.6991	-.3342
	F4	-.11667	.05270	.393	-.2991	.0658
KB3	KB1	-.63333*	.05270	.000	-.8158	-.4509
	KB2	-.36667*	.05270	.000	-.5491	-.1842
	KB4	.16667	.05270	.087	-.0158	.3491
	F1	-1.80000*	.05270	.000	-1.9825	-1.6175
	F2	-1.36667*	.05270	.000	-1.5491	-1.1842
	F3	-.88333*	.05270	.000	-1.0658	-.7009
	F4	-.48333*	.05270	.000	-.6658	-.3009
KB4	KB1	-.80000*	.05270	.000	-.9825	-.6175
	KB2	-.53333*	.05270	.000	-.7158	-.3509
	KB3	-.16667	.05270	.087	-.3491	.0158
	F1	-1.96667*	.05270	.000	-2.1491	-1.7842
	F2	-1.53333*	.05270	.000	-1.7158	-1.3509
	F3	-1.05000*	.05270	.000	-1.2325	-.8675
	F4	-.65000*	.05270	.000	-.8325	-.4675
F1	KB1	1.16667*	.05270	.000	.9842	1.3491
	KB2	1.43333*	.05270	.000	1.2509	1.6158
	KB3	1.80000*	.05270	.000	1.6175	1.9825
	KB4	1.96667*	.05270	.000	1.7842	2.1491
	F2	.43333*	.05270	.000	.2509	.6158
	F3	.91667*	.05270	.000	.7342	1.0991
	F4	1.31667*	.05270	.000	1.1342	1.4991
F2	KB1	.73333*	.05270	.000	.5509	.9158
	KB2	1.00000*	.05270	.000	.8175	1.1825
	KB3	1.36667*	.05270	.000	1.1842	1.5491
	KB4	1.53333*	.05270	.000	1.3509	1.7158
	F1	-.43333*	.05270	.000	-.6158	-.2509
	F3	.48333*	.05270	.000	.3009	.6658

	F4	.88333*	.05270	.000	.7009	1.0658
F3	KB1	.25000*	.05270	.004	.0675	.4325
	KB2	.51667*	.05270	.000	.3342	.6991
	KB3	.88333*	.05270	.000	.7009	1.0658
	KB4	1.05000*	.05270	.000	.8675	1.2325
	F1	-.91667*	.05270	.000	-1.0991	-.7342
	F2	-.48333*	.05270	.000	-.6658	-.3009
	F4	.40000*	.05270	.000	.2175	.5825
F4	KB1	-.15000	.05270	.151	-.3325	.0325
	KB2	.11667	.05270	.393	-.0658	.2991
	KB3	.48333*	.05270	.000	.3009	.6658
	KB4	.65000*	.05270	.000	.4675	.8325
	F1	-1.31667*	.05270	.000	-1.4991	-1.1342
	F2	-.88333*	.05270	.000	-1.0658	-.7009
	F3	-.40000*	.05270	.000	-.5825	-.2175

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

Lampiran 19. Data dan statistik uji mutu daya lekat masker gel *peel-off*

Uji mutu fisik daya lekat (detik)								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	4,10	4,55	5,35	5,65	4,04	4,50	5,30	5,62
2	3,95	5,00	5,30	5,90	3,90	4,57	5,25	5,70
3	4,00	4,85	5,12	5,95	3,89	4,65	5,12	5,65
Rata-rata	4,02	4,80	5,26	5,83	3,94	4,57	5,22	5,66
SD	0,08	0,23	0,12	0,16	0,08	0,08	0,09	0,04

Tests of Normality

	Mutu fisik uji daya lekat	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	Df	Sig.
Nilai uji daya lekat	KB1	.253	3	.	.964	3	.637
	KB2	.253	3	.	.964	3	.637
	KB3	.307	3	.	.904	3	.398
	KB4	.328	3	.	.871	3	.298
	F1	.364	3	.	.800	3	.114
	F2	.184	3	.	.999	3	.927
	F3	.280	3	.	.938	3	.520
	F4	.232	3	.	.980	3	.726

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Nilai uji daya lekat

Levene Statistic	df1	df2	Sig.
2.148	7	16	.097

ANOVA

Nilai uji daya lekat

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	10.459	7	1.494	98.190	.000
Within Groups	.243	16	.015		
Total	10.702	23			

Multiple Comparisons

Dependent Variable: Nilai uji daya lekat

Tukey HSD

(I) Mutu fisik uji daya lekat	(J) Mutu fisik uji daya lekat	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
KB1	KB2	-.78333*	.10072	.000	-1.1320	-.4346
	KB3	-1.24000*	.10072	.000	-1.5887	-.8913
	KB4	-1.81667*	.10072	.000	-2.1654	-1.4680
	F1	.07333	.10072	.995	-.2754	.4220
	F2	-.55667*	.10072	.001	-.9054	-.2080
	F3	-1.20667*	.10072	.000	-1.5554	-.8580

	F4	-1.64000*	.10072	.000	-1.9887	-1.2913
KB2	KB1	.78333*	.10072	.000	.4346	1.1320
	KB3	-.45667*	.10072	.006	-.8054	-.1080
	KB4	-1.03333*	.10072	.000	-1.3820	-.6846
	F1	.85667*	.10072	.000	.5080	1.2054
	F2	.22667	.10072	.374	-.1220	.5754
	F3	-.42333*	.10072	.012	-.7720	-.0746
	F4	-.85667*	.10072	.000	-1.2054	-.5080
KB3	KB1	1.24000*	.10072	.000	.8913	1.5887
	KB2	.45667*	.10072	.006	.1080	.8054
	KB4	-.57667*	.10072	.001	-.9254	-.2280
	F1	1.31333*	.10072	.000	.9646	1.6620
	F2	.68333*	.10072	.000	.3346	1.0320
	F3	.03333	.10072	1.000	-.3154	.3820
	F4	-.40000*	.10072	.019	-.7487	-.0513
KB4	KB1	1.81667*	.10072	.000	1.4680	2.1654
	KB2	1.03333*	.10072	.000	.6846	1.3820
	KB3	.57667*	.10072	.001	.2280	.9254
	F1	1.89000*	.10072	.000	1.5413	2.2387
	F2	1.26000*	.10072	.000	.9113	1.6087
	F3	.61000*	.10072	.000	.2613	.9587
	F4	.17667	.10072	.656	-.1720	.5254
F1	KB1	-.07333	.10072	.995	-.4220	.2754
	KB2	-.85667*	.10072	.000	-1.2054	-.5080
	KB3	-1.31333*	.10072	.000	-1.6620	-.9646
	KB4	-1.89000*	.10072	.000	-2.2387	-1.5413
	F2	-.63000*	.10072	.000	-.9787	-.2813
	F3	-1.28000*	.10072	.000	-1.6287	-.9313
	F4	-1.71333*	.10072	.000	-2.0620	-1.3646
F2	KB1	.55667*	.10072	.001	.2080	.9054
	KB2	-.22667	.10072	.374	-.5754	.1220
	KB3	-.68333*	.10072	.000	-1.0320	-.3346
	KB4	-1.26000*	.10072	.000	-1.6087	-.9113
	F1	.63000*	.10072	.000	.2813	.9787
	F3	-.65000*	.10072	.000	-.9987	-.3013
	F4	-1.08333*	.10072	.000	-1.4320	-.7346
F3	KB1	1.20667*	.10072	.000	.8580	1.5554
	KB2	.42333*	.10072	.012	.0746	.7720
	KB3	-.03333	.10072	1.000	-.3820	.3154
	KB4	-.61000*	.10072	.000	-.9587	-.2613
	F1	1.28000*	.10072	.000	.9313	1.6287
	F2	.65000*	.10072	.000	.3013	.9987
	F4	-.43333*	.10072	.010	-.7820	-.0846
F4	KB1	1.64000*	.10072	.000	1.2913	1.9887
	KB2	.85667*	.10072	.000	.5080	1.2054
	KB3	.40000*	.10072	.019	.0513	.7487
	KB4	-.17667	.10072	.656	-.5254	.1720
	F1	1.71333*	.10072	.000	1.3646	2.0620
	F2	1.08333*	.10072	.000	.7346	1.4320
	F3	.43333*	.10072	.010	.0846	.7820

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

Lampiran 20. Data dan statistic uji mutu fisik waktu mengering masker gel peel-off

Uji mutu fisik waktu mengering (menit)								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	19,58	22,10	26,20	29,59	19,16	22,03	26,10	29,55
2	20,20	22,08	26,16	30,10	19,10	21,55	26,00	29,47
3	20,10	22,18	26,30	30,20	18,58	22,09	25,59	30,05
Rata-rata	19,96	22,12	26,22	29,96	18,95	21,89	25,90	29,69
SD	0,33	0,05	0,07	0,33	0,32	0,30	0,27	0,31

Tests of Normality

	Mutu fisik uji waktu mengering	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	Df	Sig.
Nilai uji waktu mengering	KB1	.330	3	.	.867	3	.288
	KB2	.314	3	.	.893	3	.363
	KB3	.276	3	.	.942	3	.537
	KB4	.329	3	.	.869	3	.293
	F1	.351	3	.	.827	3	.180
	F2	.349	3	.	.832	3	.194
	F3	.316	3	.	.890	3	.355
	F4	.339	3	.	.851	3	.244

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Nilai uji waktu mengering

Levene Statistic	df1	df2	Sig.
2.533	7	16	.059

ANOVA

Nilai uji waktu mengering

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	376.216	7	53.745	732.471	.000
Within Groups	1.174	16	.073		
Total	377.390	23			

Multiple Comparisons

Dependent Variable: Nilai uji waktu mengering

Tukey HSD

(I) Mutu fisik uji waktu mengering	(J) Mutu fisik uji waktu mengering	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
KB1	KB2	-2.1600*	.22117	.000	-2.9257	-1.3943
	KB3	-6.2600*	.22117	.000	-7.0257	-5.4943
	KB4	-10.00333*	.22117	.000	-10.7691	-9.2376
	F1	1.01333*	.22117	.006	.2476	1.7791
	F2	-1.93000*	.22117	.000	-2.6957	-1.1643
	F3	-5.93667*	.22117	.000	-6.7024	-5.1709
	F4	-9.73000*	.22117	.000	-10.4957	-8.9643

KB2	KB1	2.16000*	.22117	.000	1.3943	2.9257
	KB3	-4.10000*	.22117	.000	-4.8657	-3.3343
	KB4	-7.84333*	.22117	.000	-8.6091	-7.0776
	F1	3.17333*	.22117	.000	2.4076	3.9391
	F2	.23000	.22117	.961	-.5357	.9957
	F3	-3.77667*	.22117	.000	-4.5424	-3.0109
	F4	-7.57000*	.22117	.000	-8.3357	-6.8043
KB3	KB1	6.26000*	.22117	.000	5.4943	7.0257
	KB2	4.10000*	.22117	.000	3.3343	4.8657
	KB4	-3.74333*	.22117	.000	-4.5091	-2.9776
	F1	7.27333*	.22117	.000	6.5076	8.0391
	F2	4.33000*	.22117	.000	3.5643	5.0957
	F3	.32333	.22117	.816	-.4424	1.0891
	F4	-3.47000*	.22117	.000	-4.2357	-2.7043
KB4	KB1	10.00333*	.22117	.000	9.2376	10.7691
	KB2	7.84333*	.22117	.000	7.0776	8.6091
	KB3	3.74333*	.22117	.000	2.9776	4.5091
	F1	11.01667*	.22117	.000	10.2509	11.7824
	F2	8.07333*	.22117	.000	7.3076	8.8391
	F3	4.06667*	.22117	.000	3.3009	4.8324
	F4	.27333	.22117	.909	-.4924	1.0391
F1	KB1	-1.01333*	.22117	.006	-1.7791	-.2476
	KB2	-3.17333*	.22117	.000	-3.9391	-2.4076
	KB3	-7.27333*	.22117	.000	-8.0391	-6.5076
	KB4	-11.01667*	.22117	.000	-11.7824	-10.2509
	F2	-2.94333*	.22117	.000	-3.7091	-2.1776
	F3	-6.95000*	.22117	.000	-7.7157	-6.1843
	F4	-10.74333*	.22117	.000	-11.5091	-9.9776
F2	KB1	1.93000*	.22117	.000	1.1643	2.6957
	KB2	-.23000	.22117	.961	-.9957	.5357
	KB3	-4.33000*	.22117	.000	-5.0957	-3.5643
	KB4	-8.07333*	.22117	.000	-8.8391	-7.3076
	F1	2.94333*	.22117	.000	2.1776	3.7091
	F3	-4.00667*	.22117	.000	-4.7724	-3.2409
	F4	-7.80000*	.22117	.000	-8.5657	-7.0343
F3	KB1	5.93667*	.22117	.000	5.1709	6.7024
	KB2	3.77667*	.22117	.000	3.0109	4.5424
	KB3	-.32333	.22117	.816	-1.0891	.4424
	KB4	-4.06667*	.22117	.000	-4.8324	-3.3009
	F1	6.95000*	.22117	.000	6.1843	7.7157
	F2	4.00667*	.22117	.000	3.2409	4.7724
	F4	-3.79333*	.22117	.000	-4.5591	-3.0276
F4	KB1	9.73000*	.22117	.000	8.9643	10.4957
	KB2	7.57000*	.22117	.000	6.8043	8.3357
	KB3	3.47000*	.22117	.000	2.7043	4.2357
	KB4	-.27333	.22117	.909	-1.0391	.4924
	F1	10.74333*	.22117	.000	9.9776	11.5091
	F2	7.80000*	.22117	.000	7.0343	8.5657
	F3	3.79333*	.22117	.000	3.0276	4.5591

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

Lampiran 21. Data dan statistik uji stabilitas pH masker gel *peel-off*

Uji mutu fisik pH								
Sebelum <i>cycling test</i>								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	5,84	5,91	5,98	6,05	4,88	5,02	5,13	5,27
2	5,85	5,90	5,96	6,00	4,92	5,01	5,08	5,25
3	5,87	5,93	6,00	6,14	4,93	5,04	5,15	5,30
Rata-rata	5,85	5,91	5,98	6,06	4,91	5,02	5,12	5,27
SD	0,02	0,02	0,02	0,07	0,03	0,02	0,04	0,03
Setelah <i>cycling test</i>								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	5,74	5,88	5,87	5,90	4,56	4,68	4,85	5,00
2	5,77	5,84	5,88	6,01	4,59	4,70	4,82	4,96
3	5,85	5,87	5,85	5,89	4,65	4,75	4,75	5,05
Rata-rata	5,79	5,86	5,87	5,93	4,60	4,71	5,01	5,00
SD	0,06	0,02	0,02	0,07	0,05	0,04	0,04	0,05

Tests of Normality							
	Uji_pH	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Sebelum_cyclingtest	KB1	.253	3	.	.964	3	.637
	KB2	.253	3	.	.964	3	.637
	KB3	.175	3	.	1.000	3	1.000
	KB4	.241	3	.	.974	3	.688
	F1	.314	3	.	.893	3	.363
	F2	.253	3	.	.964	3	.637
	F3	.276	3	.	.942	3	.537
	F4	.219	3	.	.987	3	.780
Setelah_cyclingtest	KB1	.282	3	.	.936	3	.510
	KB2	.292	3	.	.923	3	.463
	KB3	.253	3	.	.964	3	.637
	KB4	.358	3	.	.812	3	.144
	F1	.253	3	.	.964	3	.637
	F2	.276	3	.	.942	3	.537
	F3	.292	3	.	.923	3	.463
	F4	.196	3	.	.996	3	.878

a. Lilliefors Significance Correction

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	KB1 Sebelum cyclingtest	5.8533	3	.01528	.00882
	KB1 Setelah cyclingtest	5.7867	3	.05686	.03283
Pair 2	KB2 Sebelum cyclingtest	5.9133	3	.01528	.00882
	KB2 Setelah cyclingtest	5.8633	3	.02082	.01202
Pair 3	KB3 Sebelum cyclingtest	5.9833	3	.01528	.00882
	KB3 Setelah cyclingtest	5.8667	3	.01528	.00882
Pair 4	KB4 Sebelum cyclingtest	6.3267	3	.02517	.01453
	KB4 Setelah cyclingtest	5.9333	3	.06658	.03844
Pair 5	F1 Sebelum cyclingtest	4.9100	3	.02646	.01528
	F1 Setelah cyclingtest	4.5867	3	.05508	.03180
Pair 6	F2 Sebelum cyclingtest	5.0633	3	.03215	.01856
	F2 Setelah cyclingtest	4.7100	3	.03606	.02082
Pair 7	F3 Sebelum cyclingtest	5.1200	3	.03606	.02082
	F3 Setelah cyclingtest	5.0067	3	.04163	.02404
Pair 8	F4 Sebelum cyclingtest	5.2733	3	.02517	.01453
	F4 Setelah cyclingtest	5.0033	3	.04509	.02603

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	KB1 Sebelum cyclingtest &	3	.998	.042
	KB1 Setelah cyclingtest			
Pair 2	KB2 Sebelum cyclingtest &	3	.577	.609
	KB2 Setelah cyclingtest			
Pair 3	KB3 Sebelum cyclingtest &	3	-1.000	.000
	KB3 Setelah cyclingtest			
Pair 4	KB4 Sebelum cyclingtest &	3	.845	.359
	KB4 Setelah cyclingtest			
Pair 5	F1 Sebelum cyclingtest & F1	3	.583	.604
	Setelah cyclingtest			
Pair 6	F2 Sebelum cyclingtest & F2	3	-.086	.945
	Setelah cyclingtest			
Pair 7	F3 Sebelum cyclingtest & F3	3	-.466	.691
	Setelah cyclingtest			
Pair 8	F4 Sebelum cyclingtest & F4	3	.999	.032
	Setelah cyclingtest			

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	KB1 Sebelum cyclingtest - KB1 Setelah cyclingtest	.06667	.04163	.02404	-.03676	.17009	2.774	2	.109
Pair 2	KB2 Sebelum cyclingtest - KB2 Setelah cyclingtest	.05000	.01732	.01000	.00697	.09303	5.000	2	.038
Pair 3	KB3 Sebelum cyclingtest - KB3 Setelah cyclingtest	.11667	.03055	.01764	.04078	.19256	6.614	2	.022
Pair 4	KB4 Sebelum cyclingtest - KB4 Setelah cyclingtest	.39333	.04726	.02728	.27594	.51073	14.416	2	.005
Pair 5	F1 Sebelum cyclingtest - F1 Setelah cyclingtest	.32333	.04509	.02603	.21132	.43535	12.420	2	.006
Pair 6	F2 Sebelum cyclingtest - F2 Setelah cyclingtest	.35333	.05033	.02906	.22830	.47837	12.159	2	.007
Pair 7	F3 Sebelum cyclingtest - F3 Setelah cyclingtest	.11333	.06658	.03844	-.05207	.27874	2.948	2	.098
Pair 8	F4 Sebelum cyclingtest - F4 Setelah cyclingtest	.27000	.02000	.01155	.22032	.31968	23.383	2	.002

Lampiran 22. Data dan statistik uji stabilitas viskositas masker gel *peel-off*

Uji stabilitas viskositas (cPs)								
Sebelum <i>cycling test</i>								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	20000	30000	45000	50000	15000	25000	40000	48000
2	15000	35000	48000	55000	11000	30000	45000	50000
3	20000	35000	50000	55000	15000	30000	40000	50000
Rata-rata	18333,33	33333,33	47666,67	53333,33	13666,67	28333,33	41666,67	49333,33
SD	2886,75	2886,75	2516,61	2886,75	2309,40	2886,75	2886,75	1154,70
Setelah <i>cycling test</i>								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	15000	25000	40000	45000	11000	20000	38000	42000
2	11000	30000	45000	50000	10000	25000	40000	45000
3	15000	30000	45000	50000	10000	25000	40000	45000
Rata-rata	13666,67	28333,33	43333,33	48333,33	10333,33	23333,33	39333,33	44000,00
SD	2309,40	2886,75	2886,75	2886,75	577,35	2886,75	1154,70	1732,05

Tests of Normality

	uji_viskositas	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Sebelum_cycling	Kontrol basis 1	.385	3	.	.750	3	.000
	Kontrol basis 2	.385	3	.	.750	3	.000
	Kontrol basis 3	.219	3	.	.987	3	.780
	Kontrol basis 4	.385	3	.	.750	3	.000
	Formula 1	.385	3	.	.750	3	.000
	Formula 2	.385	3	.	.750	3	.000
	Formula 3	.385	3	.	.750	3	.000
	Formula 4	.385	3	.	.750	3	.000
Setelah_cycling	Kontrol basis 1	.385	3	.	.750	3	.000
	Kontrol basis 2	.385	3	.	.750	3	.000
	Kontrol basis 3	.385	3	.	.750	3	.000
	Kontrol basis 4	.385	3	.	.750	3	.000
	Formula 1	.385	3	.	.750	3	.000
	Formula 2	.385	3	.	.750	3	.000
	Formula 3	.385	3	.	.750	3	.000
	Formula 4	.385	3	.	.750	3	.000

a. Lilliefors Significance Correction

Wilcoxon Signed Ranks Test

		Ranks		
		N	Mean Rank	Sum of Ranks
KB1 Setelah cyclingtest - KB1 Sebelum cyclingtest	Negative Ranks	3 ^a	2.00	6.00
	Positive Ranks	0 ^b	.00	.00
	Ties	0 ^c		
	Total	3		
KB2 Setelah cyclingtest - KB2 Sebelum cyclingtest	Negative Ranks	3 ^d	2.00	6.00
	Positive Ranks	0 ^e	.00	.00
	Ties	0 ^f		
	Total	3		
KB3 Setelah cyclingtest - KB3 Sebelum cyclingtest	Negative Ranks	3 ^g	2.00	6.00
	Positive Ranks	0 ^h	.00	.00
	Ties	0 ⁱ		
	Total	3		
KB4 Setelah cyclingtest - KB4 Sebelum cyclingtest	Negative Ranks	3 ^j	2.00	6.00
	Positive Ranks	0 ^k	.00	.00
	Ties	0 ^l		
	Total	3		
F1 Setelah cyclingtest - F1 Sebelum cyclingtest	Negative Ranks	3 ^m	2.00	6.00
	Positive Ranks	0 ⁿ	.00	.00
	Ties	0 ^o		
	Total	3		
F2 Setelah cyclingtest - F2 Sebelum cyclingtest	Negative Ranks	3 ^p	2.00	6.00
	Positive Ranks	0 ^q	.00	.00
	Ties	0 ^r		
	Total	3		
F3 Setelah cyclingtest - F3 Sebelum cyclingtest	Negative Ranks	2 ^s	1.50	3.00
	Positive Ranks	0 ^t	.00	.00
	Ties	1 ^u		
	Total	3		
F4 Setelah cyclingtest - F4 Sebelum cyclingtest	Negative Ranks	3 ^v	2.00	6.00
	Positive Ranks	0 ^w	.00	.00
	Ties	0 ^x		
	Total	3		

a. KB1 Setelah cyclingtest < KB1 Sebelum cyclingtest

b. KB1 Setelah cyclingtest > KB1 Sebelum cyclingtest

c. KB1 Setelah cyclingtest = KB1 Sebelum cyclingtest

d. KB2 Setelah cyclingtest < KB2 Sebelum cyclingtest

e. KB2 Setelah cyclingtest > KB2 Sebelum cyclingtest

f. KB2 Setelah cyclingtest = KB2 Sebelum cyclingtest

g. KB3 Setelah cyclingtest < KB3 Sebelum cyclingtest

h. KB3 Setelah cyclingtest > KB3 Sebelum cyclingtest

i. KB3 Setelah cyclingtest = KB3 Sebelum cyclingtest

j. KB4 Setelah cyclingtest < KB4 Sebelum cyclingtest

k. KB4 Setelah cyclingtest > KB4 Sebelum cyclingtest

l. KB4 Setelah cyclingtest = KB4 Sebelum cyclingtest

m. F1 Setelah cyclingtest < F1 Sebelum cyclingtest

n. F1 Setelah cyclingtest > F1 Sebelum cyclingtest

o. F1 Setelah cyclingtest = F1 Sebelum cyclingtest

p. F2 Setelah cyclingtest < F2 Sebelum cyclingtest

- q. F2 Setelah cyclingtest > F2 Sebelum cyclingtest
 r. F2 Setelah cyclingtest = F2 Sebelum cyclingtest
 s. F3 Setelah cyclingtest < F3 Sebelum cyclingtest
 t. F3 Setelah cyclingtest > F3 Sebelum cyclingtest
 u. F3 Setelah cyclingtest = F3 Sebelum cyclingtest
 v. F4 Setelah cyclingtest < F4 Sebelum cyclingtest
 w. F4 Setelah cyclingtest > F4 Sebelum cyclingtest
 x. F4 Setelah cyclingtest = F4 Sebelum cyclingtest

Test Statistics^a

	KB1 Setelah cyclingtest - KB1 Sebelum cyclingtest	KB2 Setelah cyclingtest - KB2 Sebelum cyclingtest	KB3 Setelah cyclingtest - KB3 Sebelum cyclingtest	KB4 Setelah cyclingtest - KB4 Sebelum cyclingtest	F1 Setelah cyclingtest - F1 Sebelum cyclingtest	F2 Setelah cyclingtest - F2 Sebelum cyclingtest	F3 Setelah cyclingtest - F3 Sebelum cyclingtest	F4 Setelah cyclingtest - F4 Sebelum cyclingtest
Z	-1.633 ^b	-1.732 ^b	-1.633 ^b	-1.732 ^b	-1.604 ^b	-1.732 ^b	-1.342 ^b	-1.633 ^b
Asymp. Sig. (2-tailed)	.102	.083	.102	.083	.109	.083	.180	.102

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

Lampiran 23. Data dan statistik uji stabilitas daya sebar masker gel *peel-off*

Tests of Normality							
	Uji stabilitas daya sebar	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Sebelum cycling test 0	KB1	.175	3	.	1.000	3	1.000
	KB2	.253	3	.	.964	3	.637
	KB3	.253	3	.	.964	3	.637
	KB4	.253	3	.	.964	3	.637
	F1	.175	3	.	1.000	3	1.000
	F2	.175	3	.	1.000	3	1.000
	F3	.253	3	.	.964	3	.637
	F4	.175	3	.	1.000	3	1.000
Sebelum cycling test 50	KB1	.253	3	.	.964	3	.637
	KB2	.253	3	.	.964	3	.637
	KB3	.253	3	.	.964	3	.637
	KB4	.175	3	.	1.000	3	1.000
	F1	.175	3	.	1.000	3	1.000
	F2	.253	3	.	.964	3	.637
	F3	.175	3	.	1.000	3	1.000
	F4	.175	3	.	1.000	3	1.000
Sebelum cycling test 100	KB1	.175	3	.	1.000	3	1.000
	KB2	.175	3	.	1.000	3	1.000
	KB3	.175	3	.	1.000	3	1.000
	KB4	.175	3	.	1.000	3	1.000
	F1	.253	3	.	.964	3	.637
	F2	.175	3	.	1.000	3	1.000
	F3	.175	3	.	1.000	3	1.000
	F4	.175	3	.	1.000	3	1.000
Sebelum cycling test 150	KB1	.175	3	.	1.000	3	1.000
	KB2	.253	3	.	.964	3	.637
	KB3	.253	3	.	.964	3	.637
	KB4	.175	3	.	1.000	3	1.000
	F1	.253	3	.	.964	3	.637
	F2	.253	3	.	.964	3	.637
	F3	.175	3	.	1.000	3	1.000
	F4	.175	3	.	1.000	3	1.000
Setelah cycling	KB1	.253	3	.	.964	3	.637

test 50	KB2	.175	3	.	1.000	3	1.000
	KB3	.175	3	.	1.000	3	1.000
	KB4	.175	3	.	1.000	3	1.000
	F1	.175	3	.	1.000	3	1.000
	F2	.253	3	.	.964	3	.637
	F3	.345	3	.	.839	3	.210
	F4	.253	3	.	.964	3	.637
Setelah cycling test 100	KB1	.253	3	.	.964	3	.637
	KB2	.175	3	.	1.000	3	1.000
	KB3	.175	3	.	1.000	3	1.000
	KB4	.175	3	.	1.000	3	1.000
	F1	.175	3	.	1.000	3	1.000
	F2	.175	3	.	1.000	3	1.000
	F3	.175	3	.	1.000	3	1.000
Setelah cycling test 150	KB1	.175	3	.	1.000	3	1.000
	KB2	.175	3	.	1.000	3	1.000
	KB3	.175	3	.	1.000	3	1.000
	KB4	.175	3	.	1.000	3	1.000
	F1	.253	3	.	.964	3	.637
	F2	.175	3	.	1.000	3	1.000
	F3	.175	3	.	1.000	3	1.000
F4	.175	3	.	1.000	3	1.000	

a. Lilliefors Significance Correction

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum cycling test 0	5.1333	24	.19818	.04045
	Setelah cycling test 0	5.2646	24	.19081	.03895
Pair 2	Sebelum cycling test 50	5.4333	24	.37349	.07624
	Setelah cycling test 50	5.6313	24	.44838	.09153
Pair 3	Sebelum cycling test 100	5.9271	24	.59271	.12099
	Setelah cycling test 100	6.0479	24	.61050	.12462
Pair 4	Sebelum cycling test 150	6.2375	24	.63661	.12995
	Setelah cycling test 150	6.4333	24	.64415	.13149

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Sebelum cycling test 0 & Setelah cycling test 0	24	.901	.000
Pair 2	Sebelum cycling test 50 & Setelah cycling test 50	24	.830	.000
Pair 3	Sebelum cycling test 100 & Setelah cycling test 100	24	.993	.000
Pair 4	Sebelum cycling test 150 & Setelah cycling test 150	24	.983	.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Sebelum cycling test 0 - Setelah cycling test 0	-.13125	.08699	.01776	-.16798	-.09452	-7.391	23	.000
Pair 2	Sebelum cycling test 50 - Setelah cycling test 50	-.19792	.25043	.05112	-.30366	-.09217	-3.872	23	.001
Pair 3	Sebelum cycling test 100 - Setelah cycling test 100	-.12083	.07211	.01472	-.15128	-.09039	-8.210	23	.000
Pair 4	Sebelum cycling test 150 - Setelah cycling test 150	-.19583	.11695	.02387	-.24522	-.14645	-8.203	23	.000

Lampiran 24. Data dan statistik uji stabilitas daya lekat masker gel *peel-off*

Uji stabilitas daya lekat (detik)								
Sebelum <i>cycling test</i>								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	4,10	4,55	5,35	5,65	4,04	4,50	5,30	5,62
2	3,95	5,00	5,30	5,90	3,90	4,57	5,25	5,70
3	4,00	4,85	5,12	5,95	3,89	4,65	5,12	5,65
Rata-rata	4,02	4,80	5,26	5,83	3,94	4,57	5,22	5,66
SD	0,08	0,23	0,12	0,16	0,08	0,08	0,09	0,04
Setelah <i>cycling test</i>								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	4,05	4,45	5,20	5,60	4,00	4,45	5,15	5,58
2	3,80	4,15	5,17	5,87	3,90	4,50	5,10	5,60
3	3,90	4,75	5,10	5,90	3,79	4,59	5,08	5,55
Rata-rata	3,92	4,45	5,16	5,79	3,90	4,51	5,11	5,58
SD	0,13	0,30	0,05	0,17	0,11	0,07	0,04	0,03

Tests of Normality

	Uji_Daya_ lekat	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Sebelum_cyclingtest	KB1	.253	3	.	.964	3	.637
	KB2	.253	3	.	.964	3	.637
	KB3	.307	3	.	.904	3	.398
	KB4	.328	3	.	.871	3	.298
	F1	.364	3	.	.800	3	.114
	F2	.184	3	.	.999	3	.927
	F3	.280	3	.	.938	3	.520
	F4	.232	3	.	.980	3	.726
Setelah_cyclingtest	KB1	.219	3	.	.987	3	.780
	KB2	.175	3	.	1.000	3	1.000
	KB3	.269	3	.	.949	3	.567
	KB4	.353	3	.	.824	3	.174
	F1	.179	3	.	.999	3	.948
	F2	.241	3	.	.974	3	.688
	F3	.276	3	.	.942	3	.537
	F4	.219	3	.	.987	3	.780

a. Lilliefors Significance Correction

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	KB1 Sebelum cyclingtest	4.0167	3	.07638	.04410
	KB1 Setelah cyclingtest	3.9167	3	.12583	.07265
Pair 2	KB2 Sebelum cyclingtest	4.8000	3	.22913	.13229
	KB2 Setelah cyclingtest	4.4500	3	.30000	.17321
Pair 3	KB3 Sebelum cyclingtest	5.2567	3	.12097	.06984
	KB3 Setelah cyclingtest	5.1567	3	.05132	.02963
Pair 4	KB4 Sebelum cyclingtest	5.8333	3	.16073	.09280
	KB4 Setelah cyclingtest	5.7900	3	.16523	.09539
Pair 5	F1 Sebelum cyclingtest	3.9433	3	.08386	.04842
	F1 Setelah cyclingtest	3.8967	3	.10504	.06064
Pair 6	F2 Sebelum cyclingtest	4.5733	3	.07506	.04333
	F2 Setelah cyclingtest	4.5133	3	.07095	.04096
Pair 7	F3 Sebelum cyclingtest	5.2233	3	.09292	.05364
	F3 Setelah cyclingtest	5.1100	3	.03606	.02082
Pair 8	F4 Sebelum cyclingtest	5.6567	3	.04041	.02333
	F4 Setelah cyclingtest	5.5767	3	.02517	.01453

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	KB1 Sebelum cyclingtest & KB1 Setelah cyclingtest	3	.997	.048
Pair 2	KB2 Sebelum cyclingtest & KB2 Setelah cyclingtest	3	-.327	.788
Pair 3	KB3 Sebelum cyclingtest & KB3 Setelah cyclingtest	3	.996	.056
Pair 4	KB4 Sebelum cyclingtest & KB4 Setelah cyclingtest	3	.998	.042
Pair 5	F1 Sebelum cyclingtest & F1 Setelah cyclingtest	3	.882	.313
Pair 6	F2 Sebelum cyclingtest & F2 Setelah cyclingtest	3	.992	.080
Pair 7	F3 Sebelum cyclingtest & F3 Setelah cyclingtest	3	.881	.314
Pair 8	F4 Sebelum cyclingtest & F4 Setelah cyclingtest	3	.524	.649

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	KB1 Sebelum cyclingtest - KB1 Setelah cyclingtest	.10000	.05000	.02887	-.02421	.22421	3.464	2	.074
Pair 2	KB2 Sebelum cyclingtest - KB2 Setelah cyclingtest	.35000	.43301	.25000	-.72566	1.42566	1.400	2	.296
Pair 3	KB3 Sebelum cyclingtest - KB3 Setelah cyclingtest	.10000	.07000	.04041	-.07389	.27389	2.474	2	.132
Pair 4	KB4 Sebelum cyclingtest - KB4 Setelah cyclingtest	.04333	.01155	.00667	.01465	.07202	6.500	2	.023
Pair 5	F1 Sebelum cyclingtest - F1 Setelah cyclingtest	.04667	.05033	.02906	-.07837	.17170	1.606	2	.250
Pair 6	F2 Sebelum cyclingtest - F2 Setelah cyclingtest	.06000	.01000	.00577	.03516	.08484	10.392	2	.009
Pair 7	F3 Sebelum cyclingtest - F3 Setelah cyclingtest	.11333	.06351	.03667	-.04443	.27110	3.091	2	.091
Pair 8	F4 Sebelum cyclingtest - F4 Setelah cyclingtest	.08000	.03464	.02000	-.00605	.16605	4.000	2	.057

Lampiran 25. Data dan statistik uji stabilitas waktu mengering masker gel peel-off

Uji stabilitas waktu mengering (menit)								
Sebelum cycling test								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	19,58	22,10	26,20	29,59	19,16	22,03	26,10	29,55
2	20,20	22,08	26,16	30,10	19,10	21,55	26,00	29,47
3	20,10	22,18	26,30	30,20	18,58	22,09	25,59	30,05
Rata-rata	19,96	22,12	26,22	29,96	18,95	21,89	25,90	29,69
SD	0,33	0,05	0,07	0,33	0,32	0,30	0,27	0,31
Setelah cycling test								
Replikasi	KB1	KB2	KB3	KB4	F1	F2	F3	F4
1	19,35	21,59	26,15	29,56	19,05	21,53	26,00	29,45
2	19,55	22,00	26,10	30,00	18,55	21,49	25,55	29,40
3	20,00	22,09	26,18	30,10	18,48	22,00	25,53	29,50
Rata-rata	19,63	21,89	26,14	29,89	18,69	21,67	25,69	29,45
SD	0,33	0,27	0,04	0,29	0,31	0,28	0,27	0,05

Tests of Normality

	Uji_Waktu_ mengering	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	df	Sig.
Sebelum_cyclingtest	KB1	.330	3	.	.867	3	.288
	KB2	.314	3	.	.893	3	.363
	KB3	.276	3	.	.942	3	.537
	KB4	.329	3	.	.869	3	.293
	F1	.351	3	.	.827	3	.180
	F2	.349	3	.	.832	3	.194
	F3	.316	3	.	.890	3	.355
	F4	.339	3	.	.851	3	.244
Setelah_cyclingtest	KB1	.265	3	.	.953	3	.583
	KB2	.322	3	.	.880	3	.324
	KB3	.232	3	.	.980	3	.726
	KB4	.320	3	.	.883	3	.334
	F1	.344	3	.	.841	3	.215
	F2	.360	3	.	.808	3	.135
	F3	.372	3	.	.782	3	.072
	F4	.314	3	.	.893	3	.363

a. Lilliefors Significance Correction

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	KB1 Sebelum cyclingtest	19.9600	3	.33287	.19218
	KB1 Setelah cyclingtest	19.6333	3	.33292	.19221
Pair 2	KB2 Sebelum cyclingtest	22.1200	3	.05292	.03055
	KB2 Setelah cyclingtest	21.8933	3	.26652	.15388
Pair 3	KB3 Sebelum cyclingtest	26.2200	3	.07211	.04163
	KB3 Setelah cyclingtest	26.1433	3	.04041	.02333
Pair 4	KB4 Sebelum cyclingtest	29.9633	3	.32716	.18889
	KB4 Setelah cyclingtest	29.8867	3	.28729	.16586
Pair 5	F1 Sebelum cyclingtest	18.9467	3	.31896	.18415
	F1 Setelah cyclingtest	18.8433	3	.31565	.18224
Pair 6	F2 Sebelum cyclingtest	21.8900	3	.29597	.17088
	F2 Setelah cyclingtest	21.6733	3	.28361	.16374
Pair 7	F3 Sebelum cyclingtest	25.8967	3	.27025	.15603
	F3 Setelah cyclingtest	25.6933	3	.26577	.15344
Pair 8	F4 Sebelum cyclingtest	29.6900	3	.31432	.18148
	F4 Setelah cyclingtest	29.4500	3	.05000	.02887

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	KB1 Sebelum cyclingtest & KB1 Setelah cyclingtest	3	.627	.568
Pair 2	KB2 Sebelum cyclingtest & KB2 Setelah cyclingtest	3	.482	.680
Pair 3	KB3 Sebelum cyclingtest & KB3 Setelah cyclingtest	3	.926	.246
Pair 4	KB4 Sebelum cyclingtest & KB4 Setelah cyclingtest	3	1.000	.014
Pair 5	F1 Sebelum cyclingtest & F1 Setelah cyclingtest	3	1.000	.009
Pair 6	F2 Sebelum cyclingtest & F2 Setelah cyclingtest	3	.641	.557
Pair 7	F3 Sebelum cyclingtest & F3 Setelah cyclingtest	3	.680	.524
Pair 8	F4 Sebelum cyclingtest & F4 Setelah cyclingtest	3	.923	.252

Paired Samples Test

		Paired Differences					t	Df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	KB1 Sebelum cyclingtest - KB1 Setelah cyclingtest	.32667	.28746	.16597	-.38742	1.04076	1.968	2	.188
Pair 2	KB2 Sebelum cyclingtest - KB2 Setelah cyclingtest	.22667	.24542	.14170	-.38300	.83634	1.600	2	.251
Pair 3	KB3 Sebelum cyclingtest - KB3 Setelah cyclingtest	.07667	.03786	.02186	-.01738	.17071	3.507	2	.073
Pair 4	KB4 Sebelum cyclingtest - KB4 Setelah cyclingtest	.07667	.04041	.02333	-.02373	.17706	3.286	2	.081
Pair 5	F1 Sebelum cyclingtest - F1 Setelah cyclingtest	.10333	.00577	.00333	.08899	.11768	31.000	2	.001
Pair 6	F2 Sebelum cyclingtest - F2 Setelah cyclingtest	.21667	.24583	.14193	-.39401	.82735	1.527	2	.266
Pair 7	F3 Sebelum cyclingtest - F3 Setelah cyclingtest	.20333	.21455	.12387	-.32965	.73631	1.641	2	.242
Pair 8	F4 Sebelum cyclingtest - F4 Setelah cyclingtest	.24000	.26889	.15524	-.42795	.90795	1.546	2	.262

Lampiran 26. Hasil uji aktivitas antibakteri ekstrak daun kersen

Tests of Normality^b

	Sampel	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	Df	Sig.
Daya_hambat	Ekstrak 2,5%	.219	3	.	.987	3	.780
	Ekstrak 5%	.276	3	.	.942	3	.537
	Ekstrak 7,5%	.292	3	.	.923	3	.463
	Kontrol positif	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

b. Daya_hambat is constant when Sampel = Kontrol negatif. It has been omitted.

Test of Homogeneity of Variances

Daya_hambat

Levene Statistic	df1	df2	Sig.
2.484	4	10	.111

ANOVA

Daya_hambat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1415.916	4	353.979	1430.218	.000
Within Groups	2.475	10	.247		
Total	1418.391	14			

Multiple Comparisons

Dependent Variable: Daya_hambat

Tukey HSD

(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Ekstrak 2,5%	Ekstrak 5%	-3.93333*	.40620	.000	-5.2702	-2.5965
	Ekstrak 7,5%	-4.95000*	.40620	.000	-6.2868	-3.6132
	Kontrol negative	10.46667*	.40620	.000	9.1298	11.8035
	Kontrol positif	-19.70000*	.40620	.000	-21.0368	-18.3632
Ekstrak 5%	Ekstrak 2,5%	3.93333*	.40620	.000	2.5965	5.2702
	Ekstrak 7,5%	-1.01667	.40620	.166	-2.3535	.3202
	Kontrol negative	14.40000*	.40620	.000	13.0632	15.7368

	Kontrol positif	-15.76667*	.40620	.000	-17.1035	-14.4298
Ekstrak 7,5%	Ekstrak 2,5%	4.95000*	.40620	.000	3.6132	6.2868
	Ekstrak 5%	1.01667	.40620	.166	-.3202	2.3535
	Kontrol negatif	15.41667*	.40620	.000	14.0798	16.7535
	Kontrol positif	-14.75000*	.40620	.000	-16.0868	-13.4132
Kontrol negatif	Ekstrak 2,5%	-10.46667*	.40620	.000	-11.8035	-9.1298
	Ekstrak 5%	-14.40000*	.40620	.000	-15.7368	-13.0632
	Ekstrak 7,5%	-15.41667*	.40620	.000	-16.7535	-14.0798
	Kontrol positif	-30.16667*	.40620	.000	-31.5035	-28.8298
Kontrol positif	Ekstrak 2,5%	19.70000*	.40620	.000	18.3632	21.0368
	Ekstrak 5%	15.76667*	.40620	.000	14.4298	17.1035
	Ekstrak 7,5%	14.75000*	.40620	.000	13.4132	16.0868
	Kontrol negatif	30.16667*	.40620	.000	28.8298	31.5035

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

Aktivitas antibakteri

Tukey HSD^a

Sampel	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol negatif	3	.0000			
Ekstrak 2,5%	3		10.4667		
Ekstrak 5%	3			14.4000	
Ekstrak 7,5%	3			15.4167	
Kontrol positif	3				30.1667
Sig.		1.000	1.000	.166	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 27. Hasil uji aktivitas antibakteri masker gel *peel-off*

Tests of Normality^b

	Sampel	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Diameter aktivitas antibakteri	Formula 1	.276	3	.	.942	3	.537
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.219	3	.	.987	3	.780
	Kontrol positif	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

b. Diameter aktivitas antibakteri is constant when Sampel = Kontrol negatif. It has been omitted.

Test of Homogeneity of Variances

Diameter aktivitas antibakteri

Levene Statistic	df1	df2	Sig.
1.429	5	12	.283

ANOVA

Diameter aktivitas antibakteri

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	1308.524	5	261.705	2738.772	.000
Within Groups	1.147	12	.096		
Total	1309.671	17			

Multiple Comparisons

Dependent Variable: Diameter aktivitas antibakteri

Tukey HSD

(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula 1	Formula 2	.20000	.25240	.964	-.6478	1.0478
	Formula 3	.30000	.25240	.834	-.5478	1.1478
	Formula 4	.33333	.25240	.769	-.5144	1.1811
	Kontrol positif	-15.40000*	.25240	.000	-16.2478	-14.5522
	Kontrol negative	14.10000*	.25240	.000	13.2522	14.9478
Formula 2	Formula 1	-.20000	.25240	.964	-1.0478	.6478
	Formula 3	.10000	.25240	.998	-.7478	.9478
	Formula 4	.13333	.25240	.994	-.7144	.9811
	Kontrol positif	-15.60000*	.25240	.000	-16.4478	-14.7522

	Kontrol negative	13.90000*	.25240	.000	13.0522	14.7478
Formula 3	Formula 1	-.30000	.25240	.834	-1.1478	.5478
	Formula 2	-.10000	.25240	.998	-.9478	.7478
	Formula 4	.03333	.25240	1.000	-.8144	.8811
	Kontrol positif	-15.70000*	.25240	.000	-16.5478	-14.8522
	Kontrol negative	13.80000*	.25240	.000	12.9522	14.6478
Formula 4	Formula 1	-.33333	.25240	.769	-1.1811	.5144
	Formula 2	-.13333	.25240	.994	-.9811	.7144
	Formula 3	-.03333	.25240	1.000	-.8811	.8144
	Kontrol positif	-15.73333*	.25240	.000	-16.5811	-14.8856
	Kontrol negative	13.76667*	.25240	.000	12.9189	14.6144
Kontrol positif	Formula 1	15.40000*	.25240	.000	14.5522	16.2478
	Formula 2	15.60000*	.25240	.000	14.7522	16.4478
	Formula 3	15.70000*	.25240	.000	14.8522	16.5478
	Formula 4	15.73333*	.25240	.000	14.8856	16.5811
	Kontrol negative	29.50000*	.25240	.000	28.6522	30.3478
Kontrol negatif	Formula 1	-14.10000*	.25240	.000	-14.9478	-13.2522
	Formula 2	-13.90000*	.25240	.000	-14.7478	-13.0522
	Formula 3	-13.80000*	.25240	.000	-14.6478	-12.9522
	Formula 4	-13.76667*	.25240	.000	-14.6144	-12.9189
	Kontrol positif	-29.50000*	.25240	.000	-30.3478	-28.6522

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