

**L**

**A**

**M**

**P**

**I**

**R**

**A**

**N**

## Lampiran 1. Hasil determinasi daun teh hijau



Jl. Letjen Sutoyo, Mojosongo-Solo 57127 Telp. 0271-852518, Fax. 0271-853275

Nomor : 274/DET/UPT-LAB/24.09.2021  
 Hal : Hasil determinasi tumbuhan  
 Lamp. : -

Nama Pemesan : Hasna Nur Afifah  
 NIM : 24185663A  
 Alamat : Program studi S1 Farmasi,  
 Universitas Setia Budi, Surakarta  
 Nama sampel : *Camellia sinensis* L. / Teh hijau

### HASIL DETERMINASI TUMBUHAN

#### Klasifikasi

Kingdom : Plantae  
 Super Divisi : Spermatophyta  
 Divisi : Magnoliophyta  
 Kelas : Magnoliopsida  
 Ordo : Theales  
 Famili : Theaceae  
 Genus : *Camellia*  
 Species : *Camellia sinensis* 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 – 14a – 15a. golongan 8. 109b –  
 119b – 120b – 128b – 129b – 135b – 136b – 139b – 140b – 142b – 143b – 146b – 154b –  
 155b – 156b – 162b – 163b – 167b – 169b – 171a – 172b – 173b – 174b – 176b. familia  
 79.Theaceae. 1. *Camellia sinensis* L.

#### Deskripsi:

Habitus : Pohon, karena pemangkasan kerap kali seperti perdu, tinggi 5 – 10 m.  
 Akar : Sistem akar tunggang. Cabang akar sedikit, Perakaran dangkal dengan kedalaman sekitar 23 cm.

Jl. Letjen Sutoyo, Mojosongo-Solo 57127 Telp. 0271-852518, Fax. 0271-853275  
 Homepage : [www.setiabudi.ac.id](http://www.setiabudi.ac.id), e-mail : [info@setiabudi.ac.id](mailto:info@setiabudi.ac.id)

- Batang** : Batang berkayu, bulat, percabangan monopodial. Ujung ranting dan daun muda beram-but halus.
- Daun** : Daun tunggal, tersebar, helaian daun eliptis memanjang, pangkal runcing, ujung runcing, tepi bergerigi, seperti kulit tipis, panjang 6,9 – 9,3 cm, lebar 2,7 – 3,5 cm.
- Bunga** : Bunga tunggal, tumbuh di ketiak, berkelamin 2, bunga yang membuka menunduk, garis tengah lk 3 cm, sangat harum, putih cerah. Daun kelopak tetap, 5 – 6, sangat tidak sama. Daun mahkota pada pangkalnya melekat ringan. Benang sari berlingkaran banyak, yang terluar pada pangkalnya bersatu, melekat dengan daun mahkota, yang terdalam lepas. Tangkai putik bercabang 3.
- Buah** : Buah kotak berkayu lebarnya lebih dari pada panjangnya, pecah menurut ruang.
- Biji** : Biji berjumlah 1 – 3, warna coklat dan mempunyai tiga ruang, dengan kulit tipis, bentuknya bundar pada satu sisi, dan datar pada sisi yang lain.

Kepala UPT-LAB  
Universitas Setia Budi



Asik Gunawan, Amdk

Surakarta, 24 September 2021

Penanggung jawab  
Determinasi Tumbuhan

Dra. Dewi Sulistyawati. M.Sc.

## Lampiran 2. Daun teh hijau



Daun segar teh  
hijau



Daun kering teh  
hijau



Serbuk daun teh  
hijau



Ekstrak daun teh  
hijau



Proses evaporasi  
daun teh hijau



kadar air ekstrak  
daun teh hijau

**Lampiran 3. Perhitungan rendemen simplisia daun teh hijau**

Bobot daun teh hijau basah sebanyak 5 kg, kemudian daun teh hijau dikeringkan dan diserbuk sehingga diperoleh serbuk daun teh hijau dengan bobot kering 3 kg, rendemen serbuk daun teh hijau yang didapatkan:

$$\begin{aligned} \% \text{ rendemen simplisia daun teh hijau} &= \frac{\text{berat kering}}{\text{berat basah}} \times 100\% \\ &= \frac{3000 \text{ g}}{5000 \text{ g}} \times 100\% \\ &= 60\% \end{aligned}$$

#### Lampiran 4. Perhitungan rendemen serbuk dan ekstrak daun teh hijau

Serbuk daun teh hijau diperoleh dari simplisia daun teh hijau kering dengan bobot 3 kg, kemudian dihaluskan dengan penggilingan, diperoleh berat serbuk daun teh hijau yaitu 1,2 kg, kemudian diayak dengan mesh 60 diperoleh bobot serbuk yaitu 800 g. Rendemen yang diperoleh yaitu :

$$\begin{aligned} \% \text{ rendemen serbuk daun teh hijau} &= \frac{\text{berat serbuk}}{\text{berat kering}} \times 100\% \\ &= \frac{800 \text{ g}}{3000 \text{ g}} \times 100\% \\ &= 26,66 \% \end{aligned}$$

Bobot serbuk daun teh hijau kering sebanyak 800 g, kemudian serbuk dimaserasi. Hasil maserasi dipekatkan dan memperoleh ekstrak kental daun teh hijau dengan bobot 235 g. Hasil rendemen ekstrak yang diperoleh yaitu :

$$\begin{aligned} \% \text{ rendemen ekstrak daun teh hijau} &= \frac{\text{berat ekstrak}}{\text{bobot serbuk}} \times 100\% \\ &= \frac{235 \text{ g}}{800 \text{ g}} \times 100\% \\ &= 29,37\% \end{aligned}$$

**Lampiran 5. Hasil perhitungan susut pengeringan serbuk ekstrak daun teh hijau**



REPLIKASI 1



REPLIKASI 2



REPLIKASI 3



## Lampiran 6. Hasil penetapan kadar air ekstrak daun teh hijau

### ➤ Replikasi 1

Bobot krus porselin kosong = 40,0730 g

Bobot krus porselin + ekstrak sebelum di oven = 42,0750 g

$$\begin{aligned}\text{Bobot awal} &= 42,0705 \text{ g} - 40,0730 \text{ g} \\ &= 2,0020 \text{ g}\end{aligned}$$

Bobot krus porselin + ekstrak setelah di oven = 41,8860 g

$$\begin{aligned}\text{Bobot akhir} &= 41,8860 \text{ g} - 40,0730 \text{ g} \\ &= 1,7690 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Kadar air (\%)} &= \frac{2,0020 - 1,7690}{1,7690} \times 100\% \\ &= 11,6\%\end{aligned}$$

### ➤ Replikasi 2

Bobot krus porselin kosong = 40,7440 g

Bobot krus porselin + ekstrak sebelum di oven = 42,7440 g

$$\begin{aligned}\text{Bobot awal} &= 42,7440 \text{ g} - 40,7440 \text{ g} \\ &= 2,0020 \text{ g}\end{aligned}$$

Bobot krus porselin + ekstrak setelah di oven = 42,5160 g

$$\begin{aligned}\text{Bobot akhir} &= 42,5160 \text{ g} - 40,7440 \text{ g} \\ &= 1,7720 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Kadar air (\%)} &= \frac{2,0000 - 1,7720}{1,7690} \times 100\% \\ &= 11,4\%\end{aligned}$$

➤ **Replikasi 3**

Bobot krus porselin kosong = 39,5500 g

Bobot krus porselin + ekstrak sebelum di oven = 41,5570 g

$$\begin{aligned}\text{Bobot awal} &= 41,5570 \text{ g} - 39,5500 \text{ g} \\ &= 2,0070 \text{ g}\end{aligned}$$

Bobot krus porselin + ekstrak setelah di oven = 41,2840 g

$$\begin{aligned}\text{Bobot akhir} &= 41,2840 \text{ g} - 39,5500 \text{ g} \\ &= 1,7340 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Kadar air (\%)} &= \frac{2,0070 - 1,7340}{2,0070} \times 100\% \\ &= 11,3\%\end{aligned}$$

**Lampiran 7. Hasil Uji identifikasi senyawa kimia ekstrak daun teh hijau**

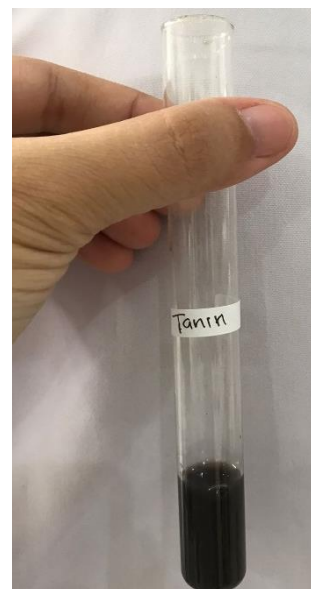
Uji fenol ekstrak  
daun teh hijau



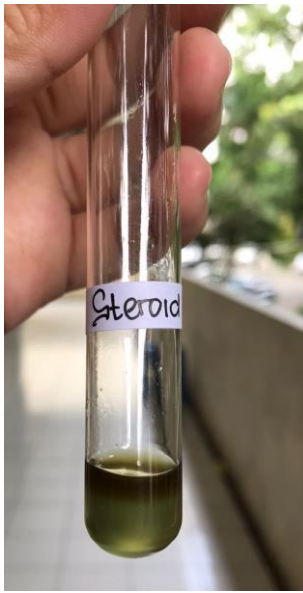
Uji flavonoid ekstrak  
daun teh hijau



Uji saponin ekstrak  
daun teh hijau



Uji tanin ekstrak  
daun teh hijau



Uji steroid ekstrak  
daun teh hijau



Uji alkaloid mayer  
ekstrak daun teh hijau



Uji alkaloid  
Bouchardat ekstrak  
daun teh hijau



Uji alkaloid  
Dragendorff ekstrak  
daun teh hijau

### Lampiran 8. Pembuatan konsentrasi larutan uji



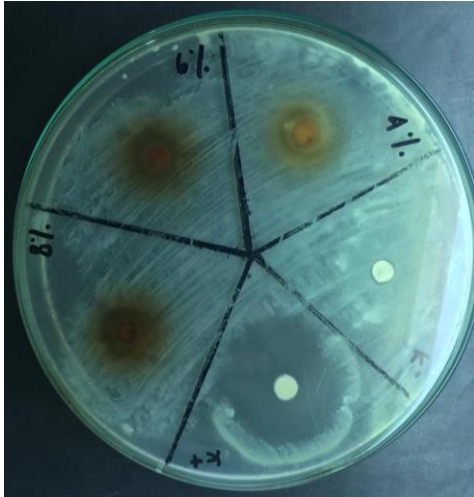
Larutan ekstrak daun teh hijau dengan pelarut aquades

Perhitungan:

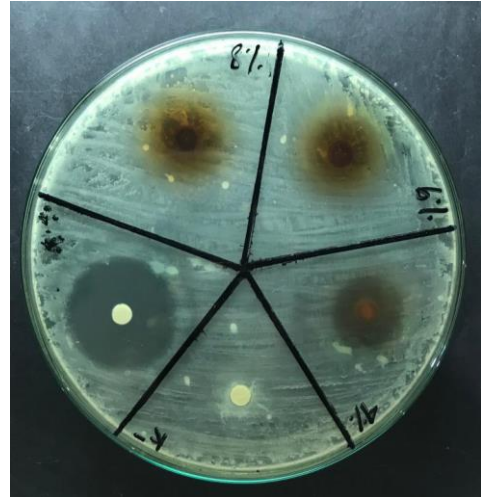
- Konsentrasi 4% = 4% b/v  
= 4 g/100 ml  
= 0,04 g/ml
- Konsentrasi 6% = 6% b/v  
= 6 g/100 ml  
= 0,06 g/ml
- Konsentrasi 8% = 8% b/v  
= 8 g/100 ml  
= 0,08 g/ml

**Lampiran 9. Hasil uji aktivitas antibakteri terhadap *Staphylococcus epidermidis* metode difusi**

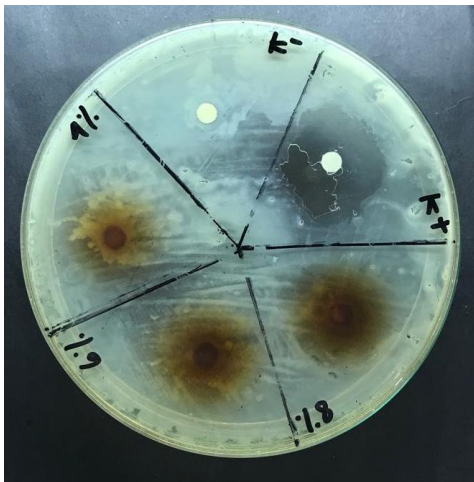
- Uji aktivitas antibakteri ekstrak daun teh hijau



REPLIKASI 1

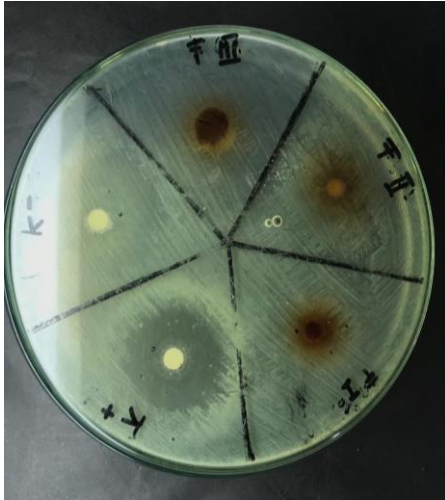


REPLIKASI 2

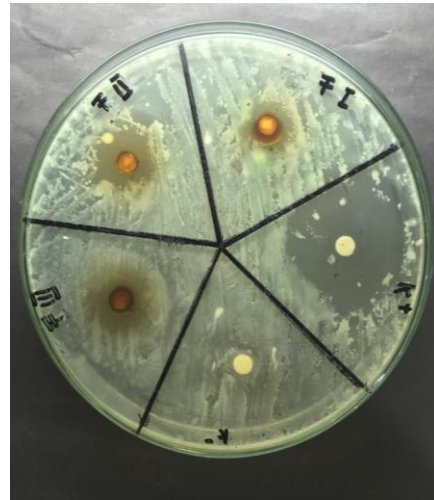


REPLIKASI 3

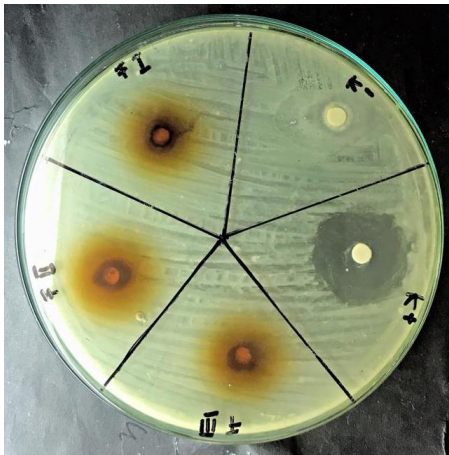
- Uji aktivitas antibakteri formula masker gel *peel-off* ekstrak daun teh hijau



REPLIKASI 1



REPLIKASI 2



REPLIKASI 3

**Lampiran 10. Hasil uji statistik aktivitas antibakteri ekstrak daun teh hijau terhadap *Staphylococcus epidermidis***

Uji Aktivitas Antibakteri Ekstrak Daun Teh Hijau					
Replikasi	4%	6%	8%	Kontrol positif	Kontrol negatif
1	15,36	18,86	22,20	23,6	0
2	22,5	24,16	26,20	35,5	0
3	24,5	28,5	30	33	0
<b>Rata – rata</b>	<b>20,79</b>	<b>23,84</b>	<b>26,13</b>	<b>27,60</b>	<b>0</b>
<b>SD</b>	<b>4,80</b>	<b>4,83</b>	<b>3,90</b>	<b>4,85</b>	<b>0</b>

**Tests of Normality**

	ekstrak	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Diameter Daya Hambat	Ekstrak 4%	.306	3	.	.905	3	.400
	Ekstrak 6%	.193	3	.	.997	3	.890
	Ekstrak 8%	.177	3	.	1.000	3	.972
	Kontrol positif	.310	3	.	.899	3	.383
	Kontrol negatif	.	3	.	.	3	.

a. Lilliefors Significance Correction

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
Diameter Daya Hambat	Based on Mean	2.249	4	10	.136
	Based on Median	.685	4	10	.618
	Based on Median and with adjusted df	.685	4	6.064	.627
	Based on trimmed mean	2.105	4	10	.155



## ANOVA

Diameter Daya Hambat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1701.138	4	425.284	21.058	.000
Within Groups	201.958	10	20.196		
Total	1903.096	14			

## Multiple Comparisons

Dependent Variable: Diameter Daya Hambat

Tukey HSD

(I) ekstrak	(J) ekstrak	Mean Difference			95% Confidence Interval	
		(I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
Ekstrak 4%	Ekstrak 6%	-3.05333	3.66932	.915	-15.1294	9.0227
	Ekstrak 8%	-5.34667	3.66932	.609	-17.4227	6.7294
	Kontrol positif	-9.91333	3.66932	.123	-21.9894	2.1627
	Kontrol negatif	20.78667*	3.66932	.002	8.7106	32.8627
Ekstrak 6%	Ekstrak 4%	3.05333	3.66932	.915	-9.0227	15.1294
	Ekstrak 8%	-2.29333	3.66932	.968	-14.3694	9.7827
	Kontrol positif	-6.86000	3.66932	.390	-18.9360	5.2160
	Kontrol negatif	23.84000*	3.66932	.001	11.7640	35.9160
Ekstrak 8%	Ekstrak 4%	5.34667	3.66932	.609	-6.7294	17.4227
	Ekstrak 6%	2.29333	3.66932	.968	-9.7827	14.3694
	Kontrol positif	-4.56667	3.66932	.728	-16.6427	7.5094
	Kontrol negatif	26.13333*	3.66932	.000	14.0573	38.2094
Kontrol positif	Ekstrak 4%	9.91333	3.66932	.123	-2.1627	21.9894
	Ekstrak 6%	6.86000	3.66932	.390	-5.2160	18.9360
	Ekstrak 8%	4.56667	3.66932	.728	-7.5094	16.6427
	Kontrol negatif	30.70000*	3.66932	.000	18.6240	42.7760
Kontrol negatif	Ekstrak 4%	-20.78667*	3.66932	.002	-32.8627	-8.7106
	Ekstrak 6%	-23.84000*	3.66932	.001	-35.9160	-11.7640
	Ekstrak 8%	-26.13333*	3.66932	.000	-38.2094	-14.0573
	Kontrol positif	-30.70000*	3.66932	.000	-42.7760	-18.6240

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

## Homogeneous Subsets

### Diameter Daya Hambat

Tukey HSD<sup>a</sup>

ekstrak	N	Subset for alpha = 0.05	
		1	2
Kontrol negatif	3	.0000	
Ekstrak 4%	3		20.7867
Ekstrak 6%	3		23.8400
Ekstrak 8%	3		26.1333
Kontrol positif	3		30.7000
Sig.		1.000	.123

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

**Lampiran 11. Sediaan masker gel *peel-off* ekstrak daun teh hijau**



**Lampiran 12. Alat pengujian mutu fisik masker gel *peel-off***

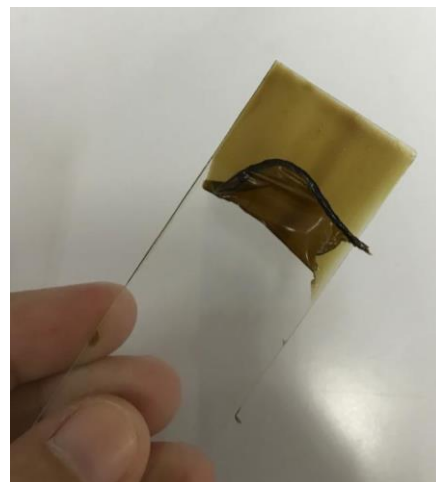
Viskositas



Daya lekat



Daya sebar



Waktu mengering



Homogenitas



pH meter

**Lampiran 13. Data hasil uji mutu fisik pH sediaan masker gel *peel-off* ekstrak daun teh hijau**

<b>Uji pH</b>				
<b>Replikasi</b>	<b>F1</b>	<b>F2</b>	<b>F3</b>	<b>F4</b>
<b>1</b>	<b>5,80</b>	<b>5,69</b>	<b>5,42</b>	<b>5,27</b>
<b>2</b>	<b>5,78</b>	<b>5,68</b>	<b>5,40</b>	<b>5,25</b>
<b>3</b>	<b>5,74</b>	<b>5,65</b>	<b>5,38</b>	<b>5,24</b>
<b>Rata – rata</b>	<b>5.77</b>	<b>5.67</b>	<b>5.40</b>	<b>5.25</b>
<b>SD</b>	<b>0,03</b>	<b>0.02</b>	<b>0,02</b>	<b>0,02</b>

**Tests of Normality**

	uji_pH	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Uji pH	Formula 1	.253	3	.	.964	3	.637
	Formula	.292	3	.	.923	3	.463
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
Uji pH	Based on Mean	.622	3	8	.620
	Based on Median	.244	3	8	.864
	Based on Median and with adjusted df	.244	3	6.202	.863
	Based on trimmed mean	.591	3	8	.638

**ANOVA**

Uji pH					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.519	3	.173	346.200	.000
Within Groups	.004	8	.000		
Total	.523	11			

### Multiple Comparisons

Dependent Variable: Uji pH

Tukey HSD

(I) uji_pH	(J) uji_pH	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
		(I-J)			Lower Bound	Upper Bound
Formula 1	Formula	.10000*	.01826	.003	.0415	.1585
	Formula 3	.37333*	.01826	.000	.3149	.4318
	Formula 4	.52000*	.01826	.000	.4615	.5785
Formula	Formula 1	-.10000*	.01826	.003	-.1585	-.0415
	Formula 3	.27333*	.01826	.000	.2149	.3318
	Formula 4	.42000*	.01826	.000	.3615	.4785
Formula 3	Formula 1	-.37333*	.01826	.000	-.4318	-.3149
	Formula	-.27333*	.01826	.000	-.3318	-.2149
	Formula 4	.14667*	.01826	.000	.0882	.2051
Formula 4	Formula 1	-.52000*	.01826	.000	-.5785	-.4615
	Formula	-.42000*	.01826	.000	-.4785	-.3615
	Formula 3	-.14667*	.01826	.000	-.2051	-.0882

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

**Lampiran 14. Data hasil uji mutu fisik viskositas sediaan masker gel *peel-off* ekstrak daun teh hijau**

Uji Viskositas				
Replikasi	F1	F2	F3	F4
1	470	390	370	300
2	460	380	350	280
3	440	360	330	250
<b>Rata – rata</b>	<b>456,67</b>	<b>376,67</b>	<b>350,00</b>	<b>276,67</b>
<b>SD</b>	<b>15,28</b>	<b>15,28</b>	<b>20</b>	<b>25,17</b>

		Tests of Normality					
		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Uji_Viskositas	Statistic	df	Sig.	Statistic	df	Sig.
Uji Viskositas	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.219	3	.	.987	3	.780

a. Lilliefors Significance Correction

		Test of Homogeneity of Variances			
		Levene Statistic	df1	df2	Sig.
Uji Viskositas	Based on Mean	.305	3	8	.821
	Based on Median	.216	3	8	.883
	Based on Median and with adjusted df	.216	3	6.964	.882
	Based on trimmed mean	.299	3	8	.825

### ANOVA

Uji Viskositas					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	49700.000	3	16566.667	44.178	.000
Within Groups	3000.000	8	375.000		
Total	52700.000	11			

### Multiple Comparisons

Dependent Variable: Uji Viskositas

Tukey HSD

(I)		Mean Difference			95% Confidence Interval	
Uji_Viskositas	(J) Uji_Viskositas	(I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
Formula 1	Formula 2	80.000*	15.811	.004	29.37	130.63
	Formula 3	106.667*	15.811	.001	56.03	157.30
	Formula 4	180.000*	15.811	.000	129.37	230.63
Formula 2	Formula 1	-80.000*	15.811	.004	-130.63	-29.37
	Formula 3	26.667	15.811	.389	-23.97	77.30
	Formula 4	100.000*	15.811	.001	49.37	150.63
Formula 3	Formula 1	-106.667*	15.811	.001	-157.30	-56.03
	Formula 2	-26.667	15.811	.389	-77.30	23.97
	Formula 4	73.333*	15.811	.007	22.70	123.97
Formula 4	Formula 1	-180.000*	15.811	.000	-230.63	-129.37
	Formula 2	-100.000*	15.811	.001	-150.63	-49.37
	Formula 3	-73.333*	15.811	.007	-123.97	-22.70

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



Lampiran 15. Data hasil uji mutu fisik daya sebar sediaan masker gel *peel-off* ekstrak daun teh hijau

Uji Daya Lekat				
<b>Beban 50 gram</b>				
Replikasi	F1	F2	F3	F4
1	5,2	5,7	6,1	6,5
2	5,1	5,8	6,2	6,4
3	5,4	6	6,3	6,8
<b>Rata – rata</b>	<b>5,23</b>	<b>5,83</b>	<b>6,20</b>	<b>6,57</b>
<b>SD</b>	<b>0,15</b>	<b>0,15</b>	<b>0,10</b>	<b>0,21</b>
<b>Beban 100 g</b>				
Replikasi	F1	F2	F3	F4
1	5,3	5,8	6,2	6,7
2	5,4	6	6,3	6,5
3	5,5	6,2	6,4	6,9
<b>Rata – rata</b>	<b>5,40</b>	<b>6</b>	<b>6,30</b>	<b>6,70</b>
<b>SD</b>	<b>0,10</b>	<b>0,20</b>	<b>0,10</b>	<b>0,20</b>
<b>Beban 150 g</b>				
Replikasi	F1	F2	F3	F4
1	5,5	6	6,3	6,9
2	5,6	6,2	6,5	6,7
3	5,8	6,1	6,6	7
<b>Rata – rata</b>	<b>5,63</b>	<b>6,10</b>	<b>6,47</b>	<b>6,90</b>
<b>SD</b>	<b>0,15</b>	<b>0,10</b>	<b>0,15</b>	<b>0,20</b>

		Tests of Normality					
		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Uji Daya Sebar	Statistic	df	Sig.	Statistic	df	Sig.
Beban 50	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.292	3	.	.923	3	.463

Beban 100	Formula 1	.175	3	.	1.000	3	1.000
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.175	3	.	1.000	3	1.000
Beban 150	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.253	3	.	.964	3	.637
	Formula 4	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Beban 50	Based on Mean	.790	3	8	.533
	Based on Median	.190	3	8	.900
	Based on Median and with adjusted df	.190	3	5.765	.899
	Based on trimmed mean	.731	3	8	.562
Beban 100	Based on Mean	.533	3	8	.672
	Based on Median	.533	3	8	.672
	Based on Median and with adjusted df	.533	3	5.882	.676
	Based on trimmed mean	.533	3	8	.672
Beban 150	Based on Mean	.357	3	8	.786
	Based on Median	.242	3	8	.864
	Based on Median and with adjusted df	.242	3	6.914	.864
	Based on trimmed mean	.349	3	8	.791

**ANOVA**

		Sum of Squares	df	Mean Square	F	Sig.
Beban 50	Between Groups	2.909	3	.970	38.789	.000
	Within Groups	.200	8	.025		
	Total	3.109	11			
Beban 100	Between Groups	2.700	3	.900	36.000	.000
	Within Groups	.200	8	.025		
	Total	2.900	11			
Beban 150	Between Groups	2.609	3	.870	35.989	.000
	Within Groups	.193	8	.024		
	Total	2.803	11			

## Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Uji Daya Sebar	(J) Uji Daya Sebar	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Beban 50	Formula 1	Formula 2	-.60000*	.12910	.007	-1.0134	-.1866
		Formula 3	-.96667*	.12910	.000	-1.3801	-.5532
		Formula 4	-1.33333*	.12910	.000	-1.7468	-.9199
	Formula 2	Formula 1	.60000*	.12910	.007	.1866	1.0134
		Formula 3	-.36667	.12910	.083	-.7801	.0468
		Formula 4	-.73333*	.12910	.002	-1.1468	-.3199
	Formula 3	Formula 1	.96667*	.12910	.000	.5532	1.3801
		Formula 2	.36667	.12910	.083	-.0468	.7801
		Formula 4	-.36667	.12910	.083	-.7801	.0468
	Formula 4	Formula 1	1.33333*	.12910	.000	.9199	1.7468
		Formula 2	.73333*	.12910	.002	.3199	1.1468
		Formula 3	.36667	.12910	.083	-.0468	.7801
Beban 100	Formula 1	Formula 2	-.60000*	.12910	.007	-1.0134	-.1866
		Formula 3	-.90000*	.12910	.001	-1.3134	-.4866
		Formula 4	-1.30000*	.12910	.000	-1.7134	-.8866
	Formula 2	Formula 1	.60000*	.12910	.007	.1866	1.0134
		Formula 3	-.30000	.12910	.171	-.7134	.1134
		Formula 4	-.70000*	.12910	.003	-1.1134	-.2866
	Formula 3	Formula 1	.90000*	.12910	.001	.4866	1.3134
		Formula 2	.30000	.12910	.171	-.1134	.7134
		Formula 4	-.40000	.12910	.058	-.8134	.0134
	Formula 4	Formula 1	1.30000*	.12910	.000	.8866	1.7134
		Formula 2	.70000*	.12910	.003	.2866	1.1134
		Formula 3	.40000	.12910	.058	-.0134	.8134
Beban 150	Formula 1	Formula 2	-.46667*	.12693	.026	-.8731	-.0602
		Formula 3	-.83333*	.12693	.001	-1.2398	-.4269
		Formula 4	-1.26667*	.12693	.000	-1.6731	-.8602
	Formula 2	Formula 1	.46667*	.12693	.026	.0602	.8731
		Formula 3	-.36667	.12693	.078	-.7731	.0398
		Formula 4	-.80000*	.12693	.001	-1.2065	-.3935
	Formula 3	Formula 1	.83333*	.12693	.001	.4269	1.2398
		Formula 2	.36667	.12693	.078	-.0398	.7731
		Formula 4	-.43333*	.12693	.037	-.8398	-.0269
	Formula 4	Formula 1	1.26667*	.12693	.000	.8602	1.6731
		Formula 2	.80000*	.12693	.001	.3935	1.2065
		Formula 3	.43333*	.12693	.037	.0269	.8398

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

**Lampiran 16. Data hasil uji mutu fisik daya lekat sediaan masker gel *peel-off* ekstrak daun teh hijau**

Uji Daya Lekat				
Replikasi	F1	F2	F3	F4
1	5,99	4,97	4,69	4,38
2	5,83	4,92	4,75	4,45
3	5,56	4,86	4,61	4,42
<b>Rata – rata</b>	<b>5,79</b>	<b>4,92</b>	<b>4,68</b>	<b>4,42</b>
<b>SD</b>	<b>0,22</b>	<b>0,06</b>	<b>0,07</b>	<b>0,04</b>

		Tests of Normality					
		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Uji Daya Lekat	Statistic	df	Sig.	Statistic	df	Sig.
Uji Daya Lekat	Formula 1	.234	3	.	.979	3	.720
	Formula 2	.191	3	.	.997	3	.900
	Formula 3	.204	3	.	.993	3	.843
	Formula 4	.204	3	.	.993	3	.843

a. Lilliefors Significance Correction

		Test of Homogeneity of Variances			
		Levene Statistic	df1	df2	Sig.
Uji Daya Lekat	Based on Mean	3.207	3	8	.083
	Based on Median	1.662	3	8	.251
	Based on Median and with adjusted df	1.662	3	2.721	.356
	Based on trimmed mean	3.094	3	8	.089

**ANOVA**

Uji Daya Lekat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.204	3	1.068	75.690	.000
Within Groups	.113	8	.014		
Total	3.316	11			

**Multiple Comparisons**

Dependent Variable: Uji Daya Lekat

Tukey HSD

(I) Uji Daya Lekat	(J) Uji Daya Lekat	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula 1	Formula 2	.87667*	.09698	.000	.5661	1.1872
	Formula 3	1.11000*	.09698	.000	.7994	1.4206
	Formula 4	1.37667*	.09698	.000	1.0661	1.6872
Formula 2	Formula 1	-.87667*	.09698	.000	-1.1872	-.5661
	Formula 3	.23333	.09698	.153	-.0772	.5439
	Formula 4	.50000*	.09698	.004	.1894	.8106
Formula 3	Formula 1	-1.11000*	.09698	.000	-1.4206	-.7994
	Formula 2	-.23333	.09698	.153	-.5439	.0772
	Formula 4	.26667	.09698	.095	-.0439	.5772
Formula 4	Formula 1	-1.37667*	.09698	.000	-1.6872	-1.0661
	Formula 2	-.50000*	.09698	.004	-.8106	-.1894
	Formula 3	-.26667	.09698	.095	-.5772	.0439

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

**Lampiran 17. Data hasil uji mutu fisik waktu mengering sediaan masker gel *peel-off* ekstrak daun teh hijau**

<b>Uji Waktu Mengering</b>				
<b>Replikasi</b>	<b>F1</b>	<b>F2</b>	<b>F3</b>	<b>F4</b>
<b>1</b>	<b>27,54</b>	<b>25,56</b>	<b>24,38</b>	<b>24,41</b>
<b>2</b>	<b>27,52</b>	<b>25,57</b>	<b>24,35</b>	<b>24,43</b>
<b>3</b>	<b>27,57</b>	<b>25,54</b>	<b>24,36</b>	<b>24,46</b>
<b>Rata – rata</b>	<b>27,54</b>	<b>25,56</b>	<b>24,36</b>	<b>24,43</b>
<b>SD</b>	<b>0,03</b>	<b>0,02</b>	<b>0,02</b>	<b>0,03</b>

**Tests of Normality**

	Uji_Waktu_Mengering	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Uji Waktu Mengering	Formula 1	.219	3	.	.987	3	.780
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.253	3	.	.964	3	.637
	Formula 4	.219	3	.	.987	3	.780

a. Lilliefors Significance Correction

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
Uji Waktu Mengering	Based on Mean	.429	3	8	.738
	Based on Median	.267	3	8	.848
	Based on Median and with adjusted df	.267	3	6.897	.848
	Based on trimmed mean	.418	3	8	.745

## ANOVA

Uji Waktu Mengering

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	15.112	3	5.037	11624.737	.000
Within Groups	.003	8	.000		
Total	15.116	11			

## Multiple Comparisons

Dependent Variable: Uji Waktu Mengering

Tukey HSD

(I)	(J)	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
Uji_Waktu_Mengering	Uji_Waktu_Mengering				Lower Bound	Upper Bound
Formula 1	Formula 2	1.96000*	.01700	.000	1.9056	2.0144
	Formula 3	2.15333*	.01700	.000	2.0989	2.2078
	Formula 4	3.08333*	.01700	.000	3.0289	3.1378
Formula 2	Formula 1	-1.96000*	.01700	.000	-2.0144	-1.9056
	Formula 3	.19333*	.01700	.000	.1389	.2478
	Formula 4	1.12333*	.01700	.000	1.0689	1.1778
Formula 3	Formula 1	-2.15333*	.01700	.000	-2.2078	-2.0989
	Formula 2	-.19333*	.01700	.000	-.2478	-.1389
	Formula 4	.93000*	.01700	.000	.8756	.9844
Formula 4	Formula 1	-3.08333*	.01700	.000	-3.1378	-3.0289
	Formula 2	-1.12333*	.01700	.000	-1.1778	-1.0689
	Formula 3	-.93000*	.01700	.000	-.9844	-.8756

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



**Lampiran 18. Data hasil uji stabilitas pH sediaan masker gel *peel-off* dengan metode *Cycling test***

Uji Stabilitas pH									
Sebelum <i>Cycling test</i>					Setelah <i>Cycling test</i>				
Replikasi	F1	F2	F3	F4	Replikasi	F1	F2	F3	F4
1	5,80	5,69	5,42	5,27	1	5,65	5,49	4,96	4,78
2	5,78	5,68	5,40	5,25	2	5,62	5,47	4,94	4,75
3	5,74	5,65	5,38	5,24	3	5,60	5,45	4,92	4,74
Rata – rata	5,77	5,67	5,40	5,25	Rata – rata	5,62	5,47	4,94	4,76
SD	0,03	0,02	0,02	0,02	SD	0,03	0,02	0,02	0,02

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Uji pH Sebelum <i>Cycling test</i>	.217	12	.125	.871	12	.068
Uji pH Sesudah <i>Cycling test</i>	.249	12	.038	.829	12	.020

a. Lilliefors Significance Correction

**ANOVA**

		Sum of Squares	df	Mean Square	F	Sig.
Uji pH Sebelum <i>Cycling test</i>	Between Groups	.519	3	.173	346.200	.000
	Within Groups	.004	8	.000		
	Total	.523	11			
Uji pH Sesudah <i>Cycling test</i>	Between Groups	1.549	3	.516	1106.208	.000
	Within Groups	.004	8	.000		
	Total	1.552	11			

### 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	F1 Sebelum Cycling test - F1 Sesudah Cycling test	.15000	.01000	.00577	.12516	.17484	25.981	2	.001
Pair 2	F2 Sebelum Cycling test - F2 Sesudah Cycling test	.20333	.00577	.00333	.18899	.21768	61.000	2	.000
Pair 4	F4 Sebelum Cycling test - F4 Sesudah Cycling test	.49667	.00577	.00333	.48232	.51101	149.000	2	.000

**Lampiran 19. Data hasil uji stabilitas pH sediaan masker gel *peel-off* dengan metode *Cycling test***

Uji Stabilitas Viskositas									
Sebelum <i>Cycling test</i>					Setelah <i>Cycling test</i>				
Replikasi	F1	F2	F3	F4	Replikasi	F1	F2	F3	F4
1	470	390	370	300	1	430	350	310	220
2	460	380	350	280	2	410	340	270	200
3	440	360	330	250	3	400	320	240	180
<b>Rata – rata</b>	<b>456,67</b>	<b>376,67</b>	<b>350</b>	<b>276,67</b>	<b>Rata – rata</b>	<b>413,33</b>	<b>336,67</b>	<b>273,33</b>	<b>200</b>
<b>SD</b>	<b>15,28</b>	<b>15,28</b>	<b>20</b>	<b>25,17</b>	<b>SD</b>	<b>15,28</b>	<b>15,28</b>	<b>35,12</b>	<b>20</b>

**Tests of Normality**

	Uji_Viskositas	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Uji_Viskositas_Sebelum_Cyclingtes	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.219	3	.	.987	3	.780
Uji_Viskositas_Setelah_Cyclingtes	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.204	3	.	.993	3	.843
	Formula 4	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

**ANOVA**

		Sum of Squares	df	Mean Square	F	Sig.
Uji_Viskositas_Sebelum_Cyclingtes	Between Groups	49700.000	3	16566.667	44.178	.000
	Within Groups	3000.000	8	375.000		
	Total	52700.000	11			
Uji_Viskositas_Setelah_Cyclingtes	Between Groups	74291.667	3	24763.889	47.169	.000
	Within Groups	4200.000	8	525.000		
	Total	78491.667	11			

**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	F1_Sebelum_Cycling_test - F1_Sesudah_Cycling_test	43.333	5.774	3.333	28.991	57.676	13.000	2	.006
Pair 3	F3_Sebelum_Cycling_test - F3_Sesudah_Cycling_tests	76.667	15.275	8.819	38.721	114.612	8.693	2	.013
Pair 4	F4_Sebelum_Cycling_test - F4_Sesudah_Cycling_test	76.667	5.774	3.333	62.324	91.009	23.000	2	.002

Lampiran 20. Data hasil uji stabilitas daya sebar sediaan masker gel *peel-off* dengan metode *Cycling test*

Uji Stabilitas Daya Sebar									
Sebelum <i>Cycling test</i>					Setelah <i>Cycling test</i>				
Beban 50 gram					Beban 50 gram				
Replikasi	F1	F2	F3	F4	Replikasi	F1	F2	F3	F4
1	5,2	5,7	6,1	6,5	1	5,4	5,9	6,3	6,8
2	5,1	5,8	6,2	6,4	2	5,2	6	6,4	7
3	5,4	6	6,3	6,8	3	5,5	5,8	6,5	7,1
Rata – rata	5,23	5,83	6,20	6,57	Rata – rata	5,37	5,90	6,20	6,97
SD	0,15	0,15	0,10	0,21	SD	0,15	0,10	0,10	0,15
Beban 100 g					Beban 100 g				
Replikasi	F1	F2	F3	F4	Replikasi	F1	F2	F3	F4
1	5,3	5,8	6,2	6,7	1	5,5	6	6,4	7
2	5,4	6	6,3	6,5	2	5,6	6,2	6,5	7,1
3	5,5	6,2	6,4	6,9	3	5,8	6,1	6,7	7,2
Rata – rata	5,40	6	6,30	6,70	Rata – rata	5,63	6,10	6,53	7,10
SD	0,10	0,20	0,10	0,20	SD	0,15	0,10	0,15	0,10
Beban 150 g					Beban 150 g				
Replikasi	F1	F2	F3	F4	Replikasi	F1	F2	F3	F4
1	5,5	6	6,3	6,9	1	5,6	6,1	6,5	7,2
2	5,6	6,2	6,5	6,7	2	5,7	6,4	6,4	7,3
3	5,8	6,1	6,6	7	3	6,1	6,2	6,9	7,4
Rata – rata	5,63	6,10	6,47	6,90	Rata – rata	5,80	6,32	6,70	7,30
SD	0,15	0,10	0,15	0,20	SD	0,26	0,15	0,20	0,10

### Tests of Normality

	Uji Daya Lekat	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Sebelum Cycling test	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.292	3	.	.923	3	.463
Sebelum Cycling test	Formula 1	.175	3	.	1.000	3	1.000
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.175	3	.	1.000	3	1.000
Sebelum Cycling test	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.253	3	.	.964	3	.637
	Formula 4	.175	3	.	1.000	3	1.000
Setelah Cycling test	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.253	3	.	.964	3	.637
Setelah Cycling test	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.253	3	.	.964	3	.637
	Formula 4	.175	3	.	1.000	3	1.000
Setelah Cycling test	Formula 1	.314	3	.	.893	3	.363
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.175	3	.	1.000	3	1.000
	Formula 4	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

## ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Sebelum Cycling test	Between Groups	2.909	3	.970	38.789	.000
	Within Groups	.200	8	.025		
	Total	3.109	11			
Sebelum Cycling test	Between Groups	2.700	3	.900	36.000	.000
	Within Groups	.200	8	.025		
	Total	2.900	11			
Sebelum Cycling test	Between Groups	2.609	3	.870	35.989	.000
	Within Groups	.193	8	.024		
	Total	2.803	11			
Setelah Cycling test	Between Groups	4.216	3	1.405	84.317	.000
	Within Groups	.133	8	.017		
	Total	4.349	11			
Setelah Cycling test	Between Groups	3.516	3	1.172	70.317	.000
	Within Groups	.133	8	.017		
	Total	3.649	11			
Setelah Cycling test	Between Groups	3.723	3	1.241	34.628	.000
	Within Groups	.287	8	.036		
	Total	4.009	11			

		Paired Differences							
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	Sebelum Cycling test - Setelah Cycling test	-.20000	.18091	.05222	-.31494	-.08506	-3.830	11	.003
Pair 2	Sebelum Cycling test - Setelah Cycling test	-.24167	.15643	.04516	-.34106	-.14228	-5.352	11	.000
Pair 3	Sebelum Cycling test - Setelah Cycling test	-.23333	.14355	.04144	-.32454	-.14213	-5.631	11	.000

**Lampiran 21. Data hasil uji stabilitas daya lekat sediaan masker gel *peel-off* dengan metode *Cycling test***

Uji Stabilitas Daya Lekat									
Sebelum <i>Cycling test</i>					Setelah <i>Cycling test</i>				
Replikasi	F1	F2	F3	F4	Replikasi	F1	F2	F3	F4
1	5,99	4,97	4,69	4,38	1	5,43	4,89	4,52	4,23
2	5,83	4,92	4,75	4,45	2	5,33	4,81	4,67	4,39
3	5,56	4,86	4,61	4,42	3	5,42	4,71	4,59	4,34
Rata – rata	5,79	4,92	4,68	4,42	Rata – rata	5,39	4,80	4,59	4,32
SD	0,22	0,06	0,07	0,04	SD	0,06	0,09	0,08	0,08

**Tests of Normality**

	Uji_Daya_Lekat	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Uji_Daya_Lekat_Sebelum_Cycling_test	1.00	.234	3	.	.979	3	.720
	2.00	.191	3	.	.997	3	.900
	3.00	.204	3	.	.993	3	.843
	4.00	.204	3	.	.993	3	.843
Uji_Daya_Lekat_Sesudah_Cycling_tes	1.00	.353	3	.	.824	3	.174
	2.00	.292	3	.	.923	3	.463
	3.00	.253	3	.	.964	3	.637
	4.00	.263	3	.	.955	3	.593

a. Lilliefors Significance Correction



**ANOVA**

		Sum of Squares	df	Mean Square	F	Sig.
Uji_Daya_Lekat_Sebelum	Between Groups	3.204	3	1.068	75.690	.000
_Cycling_test	Within Groups	.113	8	.014		
	Total	3.316	11			
Uji_Daya_Lekat_Sesudah	Between Groups	1.814	3	.605	159.164	.000
_Cycling_tes	Within Groups	.030	8	.004		
	Total	1.845	11			

**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	F1 Sebelum Cycling test - F1 Sesudah Cycling test	.40000	.22716	.13115	-.16429	.96429	3.050	2	.093
Pair 2	F2 Sebelum Cycling test - F2 Sesudah Cycling test	.07333	.05859	.03383	-.07222	.21889	2.168	2	.162
Pair 3	F3 Sebelum Cycling test - F3 Sesudah Cycling test	.09000	.07550	.04359	-.09755	.27755	2.065	2	.175
Pair 4	F4 Sebelum Cycling test - F4 Sesudah Cycling test	.09667	.04726	.02728	-.02073	.21406	3.543	2	.071

**Lampiran 22. Data hasil uji stabilitas waktu mengering sediaan masker gel peel-off dengan metode *Cycling test***

Uji Stabilitas Waktu Mengering									
Sebelum <i>Cycling test</i>					Setelah <i>Cycling test</i>				
Replikasi	F1	F2	F3	F4	Replikasi	F1	F2	F3	F4
1	27,54	25,56	24,38	24,41	1	27,41	25,32	24,31	23,12
2	27,52	25,57	23,35	24,43	2	27,44	25,22	24,29	23,10
3	27,57	25,54	23,36	24,46	3	26,58	25,36	24,33	23,14
Rata – rata	27,54	25,56	24,36	24,43	Rata – rata	24,14	25,34	24,31	23,12
SD	0,03	0,02	0,02	0,03	SD	0,49	0,02	0,02	0,02

**Tests of Normality**

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
Uji Waktu Mengering		Statistic	df	Sig.	Statistic	df	Sig.
Uji Waktu Mengering Sebelum Cycling test	Formula 1	.219	3	.	.987	3	.780
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.253	3	.	.964	3	.637
	Formula 4	.219	3	.	.987	3	.780
Uji Waktu Mengering Sesudah Cycling test	Formula 1	.374	3	.	.776	3	.059
	Formula 2	.292	3	.	.923	3	.463
	Formula 3	.253	3	.	.964	3	.637
	Formula 4	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

## ANOVA

Uji Waktu Mengering

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	15.112	3	5.037	11624.737	.000
Within Groups	.003	8	.000		
Total	15.116	11			

		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	F1 Waktu Mengering Sebelum Cycling test - F1 Waktu Mengering Sesudah Cycling test	.40000	.51157	.29535	-.87080	1.67080	1.354	2	.308
Pair 2	F2 Waktu Mengering Sebelum Cycling test - F2 Waktu Mengering Sesudah Cycling test	.45667	.65432	.37777	-1.16875	2.08209	1.209	2	.350
Pair 3	F3 Waktu Mengering Sebelum Cycling test - F3 Waktu Mengering Sesudah Cycling test	-.60000	.54562	.31501	-1.95539	.75539	-1.905	2	.197
Pair 4	F4 Waktu Mengering Sebelum Cycling test - F4 Waktu Mengering Sesudah Cycling test	.08667	.04163	.02404	-.01676	.19009	3.606	2	.069

**Lampiran 23. Hasil uji statistik aktivitas antibakteri sediaan masker gel *peel-off* ekstrak daun teh hijau terhadap *Staphylococcus epidermidis***

Uji Aktivitas Antibakteri Sediaan Masker Gel <i>Peel-Off</i>					
Replikasi	F1	F2	F3	Kontrol positif	Kontrol negatif
1	16.5	17,42	19,15	26,10	0
2	17.25	18,38	20,75	37	0
3	17.45	18,70	20,12	25,17	0
<b>Rata – rata</b>	<b>17,07</b>	<b>18,17</b>	<b>20,01</b>	<b>29,42</b>	<b>0</b>
<b>SD</b>	<b>0,50</b>	<b>0,67</b>	<b>0,81</b>	<b>6,58</b>	<b>0</b>

**Tests of Normality**

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
Uji Aktifitas Antibakteri		Statistic	df	Sig.	Statistic	df	Sig.
Diameter Hambat	Kontrol negatif	.	3	.	.	3	.
	Formula 1	.310	3	.	.900	3	.384
	Formula 2	.292	3	.	.923	3	.463
	Formula 3	.223	3	.	.985	3	.767
	Kontrol Positif	.360	3	.	.809	3	.135

a. Lilliefors Significance Correction

**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
Diameter Hambat	Based on Mean	12.658	4	10	.001
	Based on Median	1.077	4	10	.418
	Based on Median and with adjusted df	1.077	4	2.070	.530
	Based on trimmed mean	10.387	4	10	.001

**ANOVA**

Diameter Hambat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1361.166	4	340.292	38.137	.000

Within Groups	89.230	10	8.923		
Total	1450.396	14			

### Multiple Comparisons

Dependent Variable: Diameter Hambat

Dunnett T3

(I) Uji Aktifitas Antibakteri	(J) Uji Aktifitas Antibakteri	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol negatif	Formula 1	-17.06667*	.28916	.001	-19.5455	-14.5878
	Formula 2	-18.16667*	.38459	.002	-21.4637	-14.8697
	Formula 3	-20.00667*	.46534	.002	-23.9959	-16.0174
	Kontrol Positif	-29.42333	3.79783	.061	-61.9811	3.1345
Formula 1	Kontrol negatif	17.06667*	.28916	.001	14.5878	19.5455
	Formula 2	-1.10000	.48117	.405	-3.5198	1.3198
	Formula 3	-2.94000	.54786	.050	-5.8860	.0060
	Kontrol Positif	-12.35667	3.80883	.288	-44.5664	19.8530
Formula 2	Kontrol negatif	18.16667*	.38459	.002	14.8697	21.4637
	Formula 1	1.10000	.48117	.405	-1.3198	3.5198
	Formula 3	-1.84000	.60370	.207	-4.8060	1.1260
	Kontrol Positif	-11.25667	3.81726	.333	-43.2080	20.6947
Formula 3	Kontrol negatif	20.00667*	.46534	.002	16.0174	23.9959
	Formula 1	2.94000	.54786	.050	-.0060	5.8860
	Formula 2	1.84000	.60370	.207	-1.1260	4.8060
	Kontrol Positif	-9.41667	3.82624	.433	-41.1009	22.2676
Kontrol Positif	Kontrol negatif	29.42333	3.79783	.061	-3.1345	61.9811
	Formula 1	12.35667	3.80883	.288	-19.8530	44.5664
	Formula 2	11.25667	3.81726	.333	-20.6947	43.2080
	Formula 3	9.41667	3.82624	.433	-22.2676	41.1009

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