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Lampiran 1. Hasil determinasi tanaman kemangi (*Ocimum x africanum* L.)



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA
BADAN PENELITIAN DAN PENGEMBANGAN KESEHATAN
 BALAI BESAR PENELITIAN DAN PENGEMBANGAN
 TANAMAN OBAT DAN OBAT TRADISIONAL
 Jalan Lawu No.11 Tawangmangu, Karanganyar, Jawa Tengah 57792
 Telepon (0271) 697 010 Faksimile (0271) 697 451
 Laman b2p2toot.litbang.kemkes.go.id Surat Elektronik b2p2toot@litbang.kemkes.go.id

Nomor : KM.04.02/2/2578/2021 08 November 2021
 Lampiran : -
 Hal : Keterangan Determinasi

Yth. Dekan Fakultas Farmasi Universitas Setia Budi
 Jalan Letjend. Sutoyo Solo 57127

Merujuk surat Saudara nomor: 455/H6-04/3.09.2021 tanggal 3 September 2021 hal permohonan determinasi, dengan ini kami sampaikan bahwa hasil determinasi sampel tanaman sebagai berikut:

Nama Pemohon : Asyifa Hermelia Putri
 Nama Sampel : Kemangi
 Sampel : Segar
 Spesies : *Ocimum x africanum* Lour.
 Sinonim : *Ocimum x citriodorum* Vis.; *Ocimum graveolens* A.Br.
 Familia : Lamiaceae
 Penanggung Jawab : Nur Rahmawati Wijaya, S.Si.

Hasil determinasi tersebut hanya mencakup sampel tanaman yang telah dikirimkan ke B2P2TOOT.

Atas perhatian Saudara, kami sampaikan terima kasih.

Kepala Balai Besar Penelitian
 dan Pengembangan Tanaman Obat
 dan Obat Tradisional
 Tawangmangu,



Akhmad Saikhu, S.K.M.,
M.Sc.PH.
 NIP 196805251992031004

Tembusan :
 -

Lampiran 2. Hasil perhitungan persentase rendemen pengeringan daun kemangi dan serbuk daun kemangi (*Ocimum x africanum* L.)

Bobot Basah (kg)	Bobot Kering (kg)	Rendemen (%b/b)
12	1,1	9,17

Perhitungan :

$$\begin{aligned} \% \text{ randemen kering} &= \frac{\text{Berat kering}}{\text{Berat basah}} \times 100\% \\ &= \frac{1,1 \text{ kg}}{12 \text{ kg}} \times 100\% \\ &= 9,17\% \end{aligned}$$

Bobot Kering (kg)	Bobot Serbuk (kg)	Rendemen (%b/b)
1,1	1	90,91

Perhitungan :

$$\begin{aligned} \% \text{ randemen kering} &= \frac{\text{Bobot serbuk}}{\text{Bobot kering}} \times 100\% \\ &= \frac{1 \text{ kg}}{1,1 \text{ kg}} \times 100\% \\ &= 90,91\% \end{aligned}$$

Lampiran 3. Hasil perhitungan penetapan kadar air serbuk daun kemangi

No	Bobot serbuk (g)	Volume air (mL)	Kadar air (%v/b)
1	10,0221	0,7	6,98
2	10,0137	0,9	8,98
3	10,0103	0,8	7,99
Rata – rata ± SD			7,98 ± 1,00

Perhitungan :

Kadar air serbuk 1

- Bobot kertas kosong = 1,7205 gram
- Bobot kertas + serbuk = 11,7285 gram
- Bobot kertas + sisa = 1,7064 gram
- Bobot serbuk = (11,7285 g – 1,7064 g)
= 10,0221 gram
- Volume air = 0,7 ml
= $\frac{0,7}{10,0221} \times 100\%$
= 6,98 %

Kadar air serbuk 2

- Bobot kertas kosong = 1,7249 gram
- Bobot kertas + serbuk = 11,7252 gram
- Bobot kertas + sisa = 1,7115 gram
- Bobot serbuk = (11,7252 g – 1,7115 g)
= 10,0137 gram
- Volume air = 0,9 ml
= $\frac{0,9}{10,0137} \times 100\%$
= 8,98 %

Kadar air serbuk 3

- Bobot kertas kosong = 1,7237 gram
- Bobot kertas + serbuk = 11,7271 gram
- Bobot kertas + sisa = 1,7168 gram
- Bobot serbuk = (11,7271 g – 1,7168 g)
= 10,0103 gram
- Volume air = 0,8 ml
= $\frac{0,8}{10,0103} \times 100\%$
= 7,99 %

$$\begin{aligned} \text{Rata – rata kadar air serbuk daun kemangi} &= \frac{6,98\%+8,98\%+7,99\%}{3} \\ &= 7,98\% \end{aligned}$$

Lampiran 4. Hasil perhitungan rendemen ekstrak daun kemangi

Bobot serbuk (g)	Bobot ekstrak (g)	Rendemen (%b/b)
600	68	11,33

Perhitungan :

$$\begin{aligned}\% \text{ rendemen ekstrak} &= \frac{\text{Bobot ekstrak}}{\text{Bobot serbuk}} \times 100\% \\ &= \frac{68}{600} \times 100\% \\ &= 11,33\%\end{aligned}$$

Gambar proses maserasi :



Lampiran 5. Hasil perhitungan penetapan susut pengeringan ekstrak

No	Bobot ekstrak (g)	Susut pengeringan (%b/b)
1	2,032	9,9
2	2,063	9,5
3	2,246	10,4
Rata – rata ± SD		9,93 ± 0,45

Perhitungan :

Replikasi 1 = 9,9%

Replikasi 2 = 9,5%

Replikasi 3 = 10,4%

$$\begin{aligned} \text{Rata – rata susut pengeringan ekstrak} &= \frac{9,9\% + 9,5\% + 10,4\%}{3} \\ &= 9,93\% \end{aligned}$$

Hasil susut pengeringan :



Lampiran 6. Hasil perhitungan penetapan bobot jenis ekstrak daun kemangi konsentrasi 5%

Pengujian	Hasil (g/mL)			Rata – rata ± SD
	I	II	III	
Bobot jenis	1,014	1,0181	1,0185	1,0168 ± 2,491

Perhitungan :

Bobot jenis 1

- Bobot piknometer 50 mL kosong = 28,4916 gram
- Bobot piknometer + air = 78,3989 gram
- Bobot piknometer + ekstrak = 79,099 gram
- Bobot ekstrak = (79,099 g – 28,4916 g)
= 50,6074 gram
- Bobot air = (78,3989 g – 28,4916 g)
= 49,9073 gram
- $\frac{w_2-w_0}{w_1-w_0} = \frac{(\text{Bobot pikno+ekstrak})-\text{Bobot pikno kosong}}{(\text{Bobot pikno+air})-\text{Bobot pikno kosong}}$
= $\frac{50,6074 \text{ g}}{49,9073 \text{ g}}$
= 1,014 g/mL

Bobot jenis 2



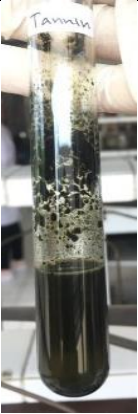
- Bobot piknometer 50 mL kosong = 28,4916 gram
- Bobot piknometer + air = 78,3989 gram
- Bobot piknometer + ekstrak = 79,3036 gram
- Bobot ekstrak = (79,3036 g – 28,4916 g)
= 50,812 gram
- Bobot air = (78,3989 g – 28,4916 g)
= 49,9073 gram
- $\frac{w_2-w_0}{w_1-w_0} = \frac{(\text{Bobot pikno+ekstrak})-\text{Bobot pikno kosong}}{(\text{Bobot pikno+air})-\text{Bobot pikno kosong}}$
= $\frac{50,812 \text{ g}}{49,9073 \text{ g}}$
= 1,0181 g/mL



Bobot jenis 3

- Bobot piknometer 50 mL kosong = 28,4916 gram
- Bobot piknometer + air = 78,3989 gram
- Bobot piknometer + ekstrak = 79,3254 gram
- Bobot ekstrak = (79,3254 g – 28,4916 g)
= 50,8338 gram
- Bobot air = (78,3989 g – 28,4916 g)
= 49,9073 gram
- $\frac{w_2-w_0}{w_1-w_0} = \frac{(\text{Bobot pikno+ekstrak})-\text{Bobot pikno kosong}}{(\text{Bobot pikno+air})-\text{Bobot pikno kosong}}$

$$\begin{aligned} &= \frac{50,8338 \text{ g}}{49,9073 \text{ g}} \\ &= 1,0185 \text{ g/mL} \\ \text{Rata – rata bobot jenis} &= \frac{1,014+1,0181+1,0185}{3} = 1,0168 \text{ g/mL} \end{aligned}$$

Lampiran 7. Hasil identifikasi kandungan senyawa kimia ekstrak daun kemangi

Hasil	Gambar
<p>Uji flavonoid</p> <p>Reaksi :</p> <p>Ekstrak daun kemangi + akuades → Panaskan + 0,1 g Mg + HCl pekat</p>	 <p>Terbentuk larutan warna kuning orange (+)</p>
<p>Uji saponin</p> <p>Reaksi :</p> <p>Ekstrak daun kemangi + akuades → Kocok kuat-kuat</p>	 <p>Terbentuk busa (+)</p>
<p>Uji tannin</p> <p>Reaksi :</p> <p>Ekstrak daun kemangi + akuades → Panaskan + FeCl₃ 1%</p>	 <p>Hijau kehitaman (+)</p>

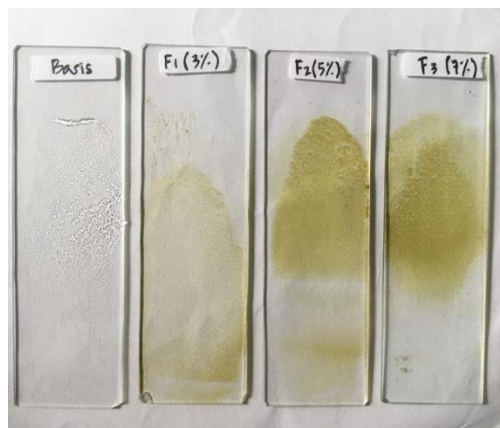
<p>Uji triterpenoid/steroid</p> <p>Reaksi :</p> <p>Ekstrak daun kemangi + akuades → Panaskan + H₂SO₄ + Liebermann- Burchard</p>	 <p>Terbentuknya warna merah pada larutan (+)</p>
<p>Uji bebas etanol</p>	 <p>Tidak berbau eter (+)</p>

Lampiran 8. Hasil pengujian mutu fisik sediaan gel *facial wash* ekstrak daun kemangi

Formula



Uji homogenitas



Uji daya busa



Uji viskositas**Uji pH**

Lampiran 9. Data hasil uji organoleptis gel *facial wash* ekstrak daun kemangi

Formula	Hari ke	Organoleptis		
		Bentuk	Bau	Warna
0	1	Gel <i>Facial wash</i>	Bau Khas	Putih (Bening)
	21	Gel <i>Facial wash</i>	Bau Khas	Putih (Bening)
1	1	Gel <i>Facial wash</i>	Khas ekstrak	Hijau pekat
	21	Gel <i>Facial wash</i>	Khas ekstrak	Hijau pekat
2	1	Gel <i>Facial wash</i>	Khas ekstrak	Hijau pekat
	21	Gel <i>Facial wash</i>	Khas ekstrak	Hijau pekat
3	1	Gel <i>Facial wash</i>	Khas ekstrak	Hijau pekat
	21	Gel <i>Facial wash</i>	Khas ekstrak	Hijau pekat

Lampiran 10. Data hasil uji homogenitas gel *facial wash* ekstrak daun kemangi

Formula	Homogenitas
0	Homogen
1	Homogen
2	Homogen
3	Homogen

Lampiran 11. Data hasil uji pH gel *facial wash* ekstrak daun kemangi

Waktu	Formula	Uji pH			Rata-rata	SD
		R1	R2	R3		
Hari ke-1	0	5,96	5,95	5,93	5,95	0,02
	1	5,85	5,83	5,82	5,83	0,02
	2	5,76	5,74	5,71	5,74	0,03
	3	5,67	5,66	5,65	5,66	0,01
Hari ke-21	0	5,96	5,95	5,93	5,95	0,02
	1	5,85	5,83	5,82	5,83	0,02
	2	5,76	5,73	5,71	5,73	0,03
	3	5,67	5,66	5,64	5,66	0,02

Lampiran 12. Hasil SPSS pH

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
pH1	12	100.0%	0	0.0%	12	100.0%
pH21	12	100.0%	0	0.0%	12	100.0%

Descriptives

		Statistic	Std. Error	
pH1	Mean	5.7942	.03265	
	95% Confidence Interval for Mean	Lower Bound	5.7223	
		Upper Bound	5.8660	
	5% Trimmed Mean	5.7930		
	Median	5.7900		
	Variance	.013		
	Std. Deviation	.11309		
	Minimum	5.65		
	Maximum	5.96		
	Range	.31		
	Interquartile Range	.23		
	Skewness	.224	.637	
	Kurtosis	-1.382	1.232	
	pH21	Mean	5.7925	.03312
95% Confidence Interval for Mean		Lower Bound	5.7196	
		Upper Bound	5.8654	
5% Trimmed Mean		5.7917		
Median		5.7900		
Variance		.013		
Std. Deviation		.11474		
Minimum		5.64		
Maximum		5.96		
Range		.32		
Interquartile Range		.23		
Skewness		.211	.637	
Kurtosis		-1.388	1.232	

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
pH1	.135	12	.200*	.919	12	.275
pH21	.135	12	.200*	.925	12	.325

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

		Descriptives							
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
pH1	F0	3	5.9467	.01528	.00882	5.9087	5.9846	5.93	5.96
	F1	3	5.8333	.01528	.00882	5.7954	5.8713	5.82	5.85
	F2	3	5.7367	.02517	.01453	5.6742	5.7992	5.71	5.76
	F3	3	5.6600	.01000	.00577	5.6352	5.6848	5.65	5.67
	Total	12	5.7942	.11309	.03265	5.7223	5.8660	5.65	5.96
pH21	F0	3	5.9467	.01528	.00882	5.9087	5.9846	5.93	5.96
	F1	3	5.8333	.01528	.00882	5.7954	5.8713	5.82	5.85
	F2	3	5.7333	.02517	.01453	5.6708	5.7958	5.71	5.76
	F3	3	5.6567	.01528	.00882	5.6187	5.6946	5.64	5.67
	Total	12	5.7925	.11474	.03312	5.7196	5.8654	5.64	5.96

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
pH1	Based on Mean	.872	3	8	.495
	Based on Median	.452	3	8	.723
	Based on Median and with adjusted df	.452	3	5.765	.725
	Based on trimmed mean	.841	3	8	.509
pH21	Based on Mean	.439	3	8	.731
	Based on Median	.250	3	8	.859
	Based on Median and with adjusted df	.250	3	6.737	.859
	Based on trimmed mean	.426	3	8	.740

ANOVA

pH1		Sum of Squares	df	Mean Square	F	Sig.
Between Groups		.138	3	.046	153.657	.000
Within Groups		.002	8	.000		
Total		.141	11			

ANOVA

pH21		Sum of Squares	df	Mean Square	F	Sig.
Between Groups		.142	3	.047	142.158	.000
Within Groups		.003	8	.000		
Total		.145	11			

Homogeneous Subsets

pH1

Tukey HSD^a

Formula	N	Subset for alpha = 0.05			
		1	2	3	4
F3	3	5.6600			
F2	3		5.7367		
F1	3			5.8333	
F0	3				5.9467
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

pH21

Tukey HSD^a

Formula	N	Subset for alpha = 0.05			
		1	2	3	4
F3	3	5.6567			
F2	3		5.7333		
F1	3			5.8333	
F0	3				5.9467
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

pH hari ke-1 dan hari ke-21

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pH1	5.7942	12	.11309	.03265
	pH21	5.7925	12	.11474	.03312

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pH1 & pH21	12	1.000	.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	pH1 - pH21	-	.00167	.00389	.00112	-.00081	.00414	1.483	11	.166

Lampiran 13. Data hasil uji viskositas gel *facial wash* ekstrak daun kemangi

Waktu	Formula	Uji Viskositas			Rata-rata	SD
		R1	R2	R3		
Hari ke-1	0	160	150	150	153,33	5,77
	1	150	140	140	143,33	5,77
	2	140	140	130	136,67	5,77
	3	130	120	130	126,67	5,77
Hari ke-21	0	150	160	140	150,00	10,00
	1	150	130	140	140,00	10,00
	2	130	140	130	133,33	5,77
	3	120	120	130	123,33	5,77

Lampiran 14. Hasil SPSS Viskositas

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Viskositas1	12	100.0%	0	0.0%	12	100.0%
Viskositas21	12	100.0%	0	0.0%	12	100.0%

Descriptives

		Statistic	Std. Error	
Viskositas1	Mean	140.0000	3.25669	
	95% Confidence Interval for Mean	Lower Bound	132.8321	
		Upper Bound	147.1679	
	5% Trimmed Mean	140.0000		
	Median	140.0000		
	Variance	127.273		
	Std. Deviation	11.28152		
	Minimum	120.00		
	Maximum	160.00		
	Range	40.00		
	Interquartile Range	20.00		
	Skewness	.000	.637	
	Kurtosis	-.337	1.232	
Viskositas21	Mean	136.6667	3.55335	
	95% Confidence Interval for Mean	Lower Bound	128.8458	
		Upper Bound	144.4875	
	5% Trimmed Mean	136.2963		
	Median	135.0000		
	Variance	151.515		
	Std. Deviation	12.30915		
	Minimum	120.00		
	Maximum	160.00		
	Range	40.00		
	Interquartile Range	17.50		
	Skewness	.416	.637	
	Kurtosis	-.449	1.232	

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Viskositas1	.167	12	.200 [*]	.947	12	.598
Viskositas21	.206	12	.170	.931	12	.386

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

		Descriptives							
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower Bound	Upper Bound		
Viskositas1	F0	3	153.3333	5.77350	3.33333	138.9912	167.6755	150.00	160.00
	F1	3	143.3333	5.77350	3.33333	128.9912	157.6755	140.00	150.00
	F2	3	136.6667	5.77350	3.33333	122.3245	151.0088	130.00	140.00
	F3	3	126.6667	5.77350	3.33333	112.3245	141.0088	120.00	130.00
	Total	12	140.0000	11.28152	3.25669	132.8321	147.1679	120.00	160.00
Viskositas 21	F0	3	150.0000	10.00000	5.77350	125.1586	174.8414	140.00	160.00
	F1	3	140.0000	10.00000	5.77350	115.1586	164.8414	130.00	150.00
	F2	3	133.3333	5.77350	3.33333	118.9912	147.6755	130.00	140.00
	F3	3	123.3333	5.77350	3.33333	108.9912	137.6755	120.00	130.00
	Total	12	136.6667	12.30915	3.55335	128.8458	144.4875	120.00	160.00

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Viskositas1	Based on Mean	.000	3	8	1.000
	Based on Median	.000	3	8	1.000
	Based on Median and with adjusted df	.000	3	8.000	1.000
	Based on trimmed mean	.000	3	8	1.000
Viskositas21	Based on Mean	.267	3	8	.848
	Based on Median	.333	3	8	.802
	Based on Median and with adjusted df	.333	3	8.000	.802
	Based on trimmed mean	.275	3	8	.842

ANOVA

Viskositas1					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1133.333	3	377.778	11.333	.003
Within Groups	266.667	8	33.333		
Total	1400.000	11			

ANOVA

Viskositas21					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1133.333	3	377.778	5.667	.022
Within Groups	533.333	8	66.667		
Total	1666.667	11			

Homogeneous Subsets

Viskositas1

Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
F3	3	126.6667		
F2	3	136.6667	136.6667	
F1	3		143.3333	143.3333
F0	3			153.3333
Sig.		.225	.525	.225

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Viskositas21

Tukey HSD^a

Formula	N	Subset for alpha = 0.05	
		1	2
F3	3	123.3333	
F2	3	133.3333	133.3333
F1	3	140.0000	140.0000
F0	3		150.0000
Sig.		.134	.134

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Viskositas hari ke-1 dan hari ke-21

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Viskositas1	140.0000	12	11.28152	3.25669
	Viskositas21	136.6667	12	12.30915	3.55335

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Viskositas1 & Viskositas21	12	.851	.000

Paired Samples Test

Pair		Paired Differences							
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	Viskositas1 - Viskositas21	3.33333	6.51339	1.88025	-.80508	7.47174	1.773	11	.104

Lampiran 15. Data hasil uji daya busa gel *facial wash* ekstrak daun kemangi

Waktu	Formula	Uji daya busa (cm)			Rata-rata	SD	Waktu	Formula	Uji daya busa (cm)			Rata-rata	SD	Stabilitas busa (%)
		R1	R2	R3					R1	R2	R3			
Awal	0	7,5	7,0	7,3	7,27	0,25	Akhir	0	6,3	5,7	5,9	5,97	0,31	82,12%
	1	6,7	6,9	6,6	6,73	0,15		1	5,6	5,3	5,5	5,47	0,15	81,27%
	2	6,2	6,5	6,1	6,27	0,21		2	4,7	4,5	4,3	4,50	0,20	71,77%
	3	5,5	5,0	4,8	5,10	0,36		3	3,5	3,1	2,9	3,17	0,31	62,17%

Lampiran 16. Data hasil uji freeze thaw gel *facial wash* ekstrak daun kemangi

Waktu	Formula	pH			Rata-rata	SD
		R1	R2	R3		
Sebelum	0	5,96	5,95	5,93	5,95	0,02
	1	5,85	5,83	5,82	5,83	0,02
	2	5,76	5,74	5,71	5,74	0,03
	3	5,67	5,66	5,65	5,66	0,01
Sesudah	0	5,92	5,94	5,91	5,92	0,02
	1	5,81	5,85	5,84	5,83	0,02
	2	5,75	5,72	5,70	5,72	0,03
	3	5,64	5,67	5,63	5,65	0,02

Waktu	Formula	Viskositas			Rata-rata	SD
		R1	R2	R3		
Sebelum	0	160	150	150	153,33	5,77
	1	150	140	140	143,33	5,77
	2	140	140	130	136,67	5,77
	3	130	120	130	126,67	5,77
Sesudah	0	150	140	150	146,67	5,77
	1	150	140	130	140,00	10,00
	2	130	130	140	133,33	5,77
	3	130	120	120	123,33	5,77

Lampiran 17. Hasil SPSS pH setelah uji stabilitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Sebelum	.134	12	.200 [*]	.914	12	.240
Sesudah	.127	12	.200 [*]	.927	12	.352

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum	5.7933	12	.11412	.03294
	Sesudah	5.7817	12	.11142	.03217

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Sebelum & Sesudah	12	.985	.000

Paired Samples Test

		Paired Differences							
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	Sebelum – Sesudah	-.01167	.01992	.00575	-.00099	.02433	2.028	11	.067

Lampiran 18. Hasil SPSS viskositas setelah uji stabilitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Sebelum	.167	12	.200 [*]	.947	12	.598
Sesudah	.205	12	.176	.890	12	.118

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum	140.0000	12	11.28152	3.25669
	Sesudah	135.8333	12	10.83625	3.12815

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Sebelum & Sesudah	12	.818	.001

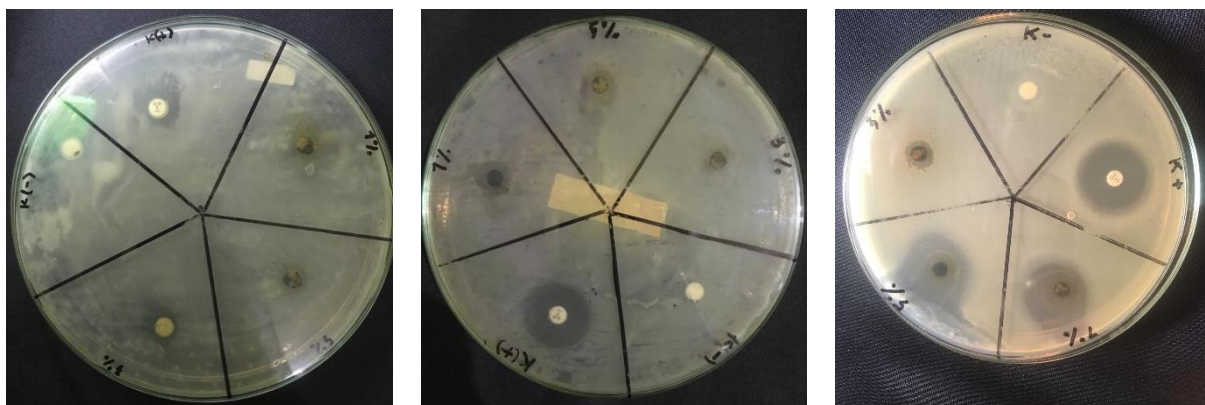
Paired Samples Test

		Paired Differences							Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	
Pair					Lower	Upper			
1	Sebelum – Sesudah	4.16667	6.68558	1.92996	-.08115	8.41448	2.159	11	.054

Lampiran 19. Data hasil uji daya hambat ekstrak daun kemangi

Konsentrasi	Daya Hambat (mm)			Rata-rata	SD
	R1	R2	R3		
K (-)	-	-	-	-	-
K (+)	20,25	24,00	26,50	23,58	3,15
3%	11,25	11,30	11,50	11,35	0,13
5%	12,75	12,25	12,50	12,50	0,25
7%	13,25	13,50	13,75	13,50	0,25

Gambar hasil :



Lampiran 20. Hasil SPSS daya hambat ekstrak daun kemangi

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
DayaHambat	12	80.0%	3	20.0%	15	100.0%

Descriptives

	Statistic	Std. Error
DayaHambat	Mean	15.2333
	95% Confidence Interval for Mean	1.52234
	Lower Bound	11.8827
	Upper Bound	18.5840
	5% Trimmed Mean	14.8287
	Median	13.0000
	Variance	27.810
	Std. Deviation	5.27353
	Minimum	11.25
	Maximum	26.50
	Range	15.25
	Interquartile Range	6.94
	Skewness	1.469
	Kurtosis	.763

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
DayaHambat	.361	12	.000	.733	12	.002

a. Lilliefors Significance Correction

Kruskal-Wallis Test

Ranks

	Formula	N	Mean Rank
DayaHambat	K+	3	11.00
	F1	3	2.00
	F2	3	5.00
	F3	3	8.00
	Total	12	

Test Statistics^{a,b}

DayaHambat	
Kruskal-Wallis H	10.385
df	3
Asymp. Sig.	.016

a. Kruskal Wallis Test

b. Grouping Variable: Formula

Lampiran 21. Data hasil uji daya hambat antibakteri sediaan gel *facial wash* ekstrak daun kemangi

Konsentrasi	Daya Hambat (mm)			Rata-rata	SD
	R1	R2	R3		
K (+)	16,75	17,50	17,25	17,17	0,38
F0	9,00	8,75	9,00	8,92	0,14
F1	12,00	12,00	12,25	12,08	0,14
F2	13,00	13,25	13,50	13,25	0,25
F3	14,25	14,50	14,00	14,25	0,25

Gambar hasil :



Lampiran 22. Hasil SPSS daya hambat antibakteri sediaan gel *facial wash* ekstrak daun kemangi

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
DayaHambat	15	100.0%	0	0.0%	15	100.0%

Descriptives

		Statistic	Std. Error
DayaHambat	Mean	13.1333	.72328
	95% Confidence Interval for Mean		
	Lower Bound	11.5821	
	Upper Bound	14.6846	
	5% Trimmed Mean	13.1343	
	Median	13.2500	
	Variance	7.847	
	Std. Deviation	2.80125	
	Minimum	8.75	
	Maximum	17.50	
	Range	8.75	
	Interquartile Range	2.50	
	Skewness	-.090	.580
	Kurtosis	-.585	1.121

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
DayaHambat	.143	15	.200 [*]	.932	15	.287

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

Descriptives

DayaHambat								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K (+)	3	17.1667	.38188	.22048	16.2180	18.1153	16.75	17.50
F0	3	8.9167	.14434	.08333	8.5581	9.2752	8.75	9.00
F1	3	12.0833	.14434	.08333	11.7248	12.4419	12.00	12.25
F2	3	13.2500	.25000	.14434	12.6290	13.8710	13.00	13.50
F3	3	14.2500	.25000	.14434	13.6290	14.8710	14.00	14.50
Total	15	13.1333	2.80125	.72328	11.5821	14.6846	8.75	17.50

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
DayaHambat	Based on Mean	.909	4	10	.495
	Based on Median	.500	4	10	.737
	Based on Median and with adjusted df	.500	4	7.538	.737
	Based on trimmed mean	.882	4	10	.509

ANOVA

DayaHambat					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	109.233	4	27.308	436.933	.000
Within Groups	.625	10	.063		
Total	109.858	14			

Homogeneous Subsets

DayaHambat

Tukey B^a

Formula	N	Subset for alpha = 0.05				
		1	2	3	4	5
F0	3	8.9167				
F1	3		12.0833			
F2	3			13.2500		
F3	3				14.2500	
K (+)	3					17.1667

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.