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LAMPIRAN 1

HASIL DETERMINASI



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SEKOLAH ILMU DAN TEKNOLOGI HAYATI
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e-mail : sith@itb.ac.id http://www.sith.itb.ac.id

No : 2523/I1.CO2.2./PL/2017.

Hal : Determinasi tumbuhan

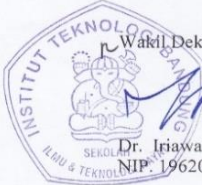
20 Juni 2017.

Kepada yth.
Wakil Dekan I
Fakultas Matematika dan Ilmu Pengetahuan Alam
Universitas Garut
Jalan Jati No 42 B, Tarogong Kaler
Garut

Memperhatikan surat permintaan Saudara dalam surat No.144/F.MIPA-UNIGA/V/2017 tanggal 24 Mei 2017 mengenai determinasi tumbuhan, dengan ini kami sampaikan bahwa setelah dilakukan determinasi oleh staf kami, sampel tumbuhan kopi hijau robusta yang dibawa oleh Sdr. Dally Kharisma Muhammad (NPM : 24041316360), adalah :

Divisi	: Magnoliophyta
Kelas	: Magnoliopsida (Dicots)
Anak kelas	: Asteridae
Bangsa	: Rubiales
Nama suku / familia	: Rubiaceae
Nama jenis / species	: <i>Coffea canephora</i> L.
Sinonim	: <i>Coffea robusta</i> Linden, <i>Coffea laurentii</i> De Willd.
Nama umum	: <i>Robusta coffee</i> (Inggris), kopi (Indonesia).
Buku acuan	: 1. Backer, C.A. & Bakhuizen van den Brink, Jr. R..C. 1968. Flora of Java Volume II. N.V.P. Noordhoff - Groningen, the Netherlands. pp: 322. (sebagai <i>Coffea canephora</i> Pierre ex Froehner var. <i>robusta</i> (Linden ex De Wildem.) Chevalier) 2. Ogata, Y. et al. (Committe Members). 1995. Medicinal Herb Index in Indonesia (Second Edition). PT. Eisai Indonesia. Jakarta. pp: 208. 3. van der Vossen, H.A.M., Soenaryo & Mawardi, S. 2000. <i>Coffea</i> L. In : van der Vossen & Wessel, M. (Eds.) Plant Resources of South-East Asia No 16 Stimulants. Backhuys Publishers, Leiden. pp: 66 – 96. 4. Cronquist, A. 1981. An Integrated System of Classification of Flowering Plants, Columbia Press, New York. pp: Xiii – Xviii.

Demikian yang kami sampaikan. Atas perhatian dan kerjasama yang diberikan, kami ucapkan terima kasih.



Wakil Dekan Bidang Sumber Daya,
Dr. Iriawati
NIP. 196205071988032001

Tembusan:
Dekan SITH ITB, sebagai laporan.

Gambar V.1 Hasil determinasi tanaman kopi robusta (*Coffea canephora*)

LAMPIRAN 2

KARAKTERISTIK SIMPLISIA DAN PENAPISAN FITOKIMIA

Tabel V.1Karakteristik Simplisia Biji Kopi Hijau Robusta (*Coffea canephora*)

No	Pemeriksaan	Hasil Pemeriksaan (%)
1	Penetapan kadar abu total	10,06
2	Penetapan kadar abu larut asam	6,16
3	Penetapan kadar abu tidak larut asam	3,78
4	Penetapan susut pengeringan	14,5
5	Penetapan kadar sari larut air	19,12
6	Penetapan kadar sari larut etanol	17,99
7	Kadar air	10,99

LAMPIRAN 2 (LANJUTAN)

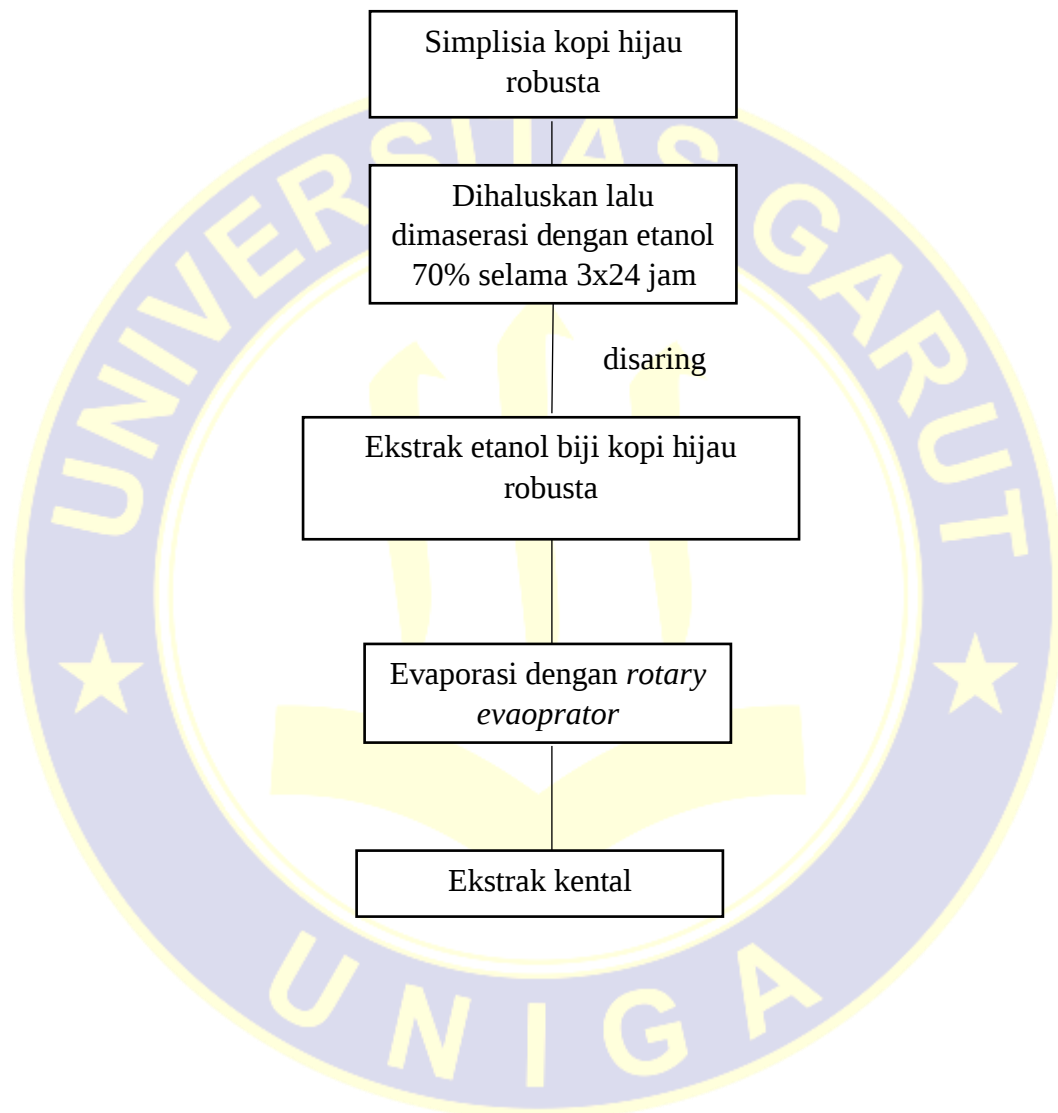
Tabel V.2

Hasil Penapisan Fitokimia Simplisia Biji Kopi Hijau Robusta (*Coffea canephora*)

Golongan Senyawa	Hasil
Alkaloid	+
Flavonoid	+
Saponin	-
Tanin	-
Triterpenoid	+
Fenol	+

Keterangan :
 (+) = terdeteksi
 (-) = tidak terdeteksi

LAMPIRAN 3
EKSTRAKSI BIJI KOPI HIJAU ROBUSTA



Gambar V.2 Bagan alir ekstraksi biji kopi hijau robusta

**LAMPIRAN 3
(LANJUTAN)**

Tabel V.3
Hasil Rendemen Simplisia

Berat Basah (gr)	Berat Kering (gr)	%Rendemen
1000	891	89,1

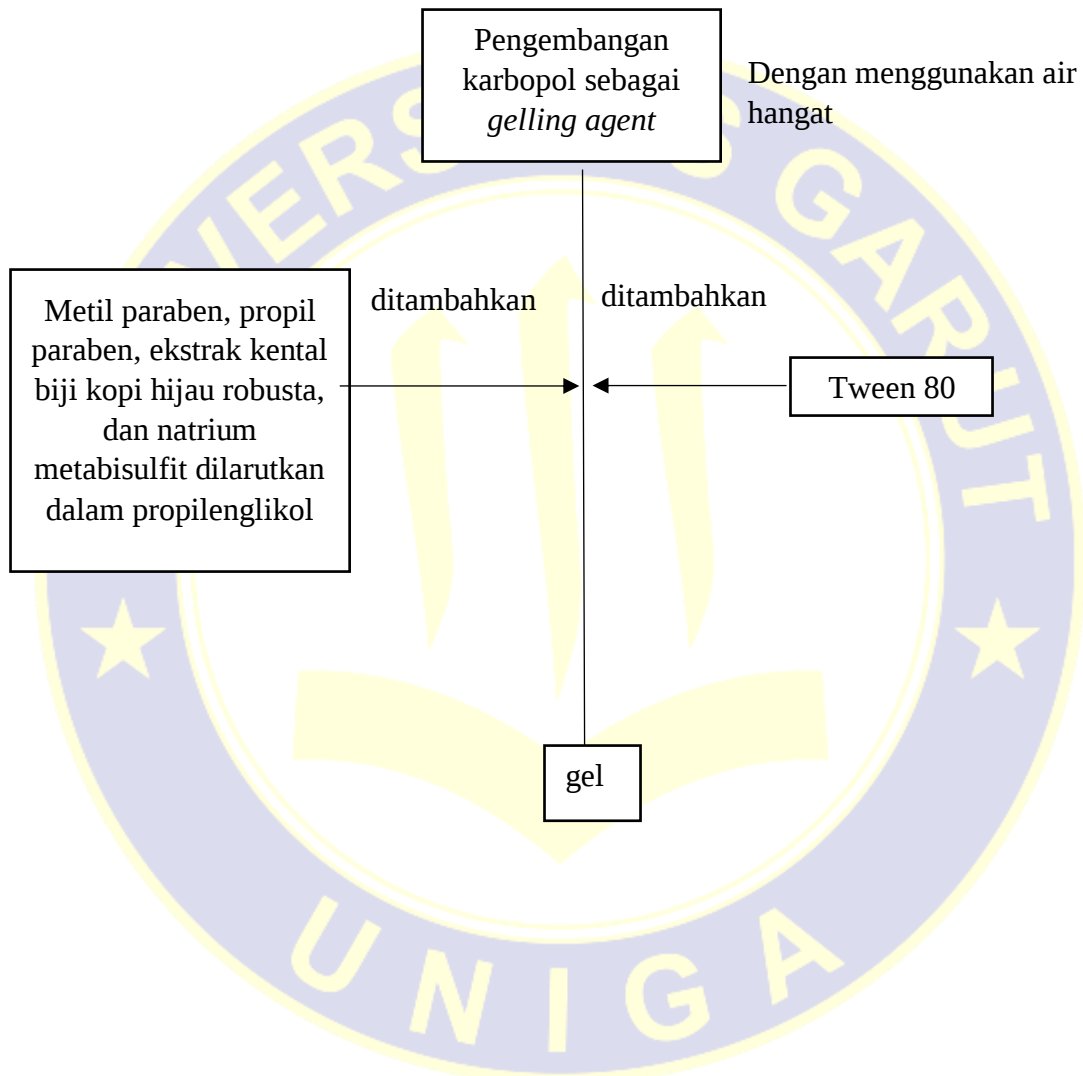
Tabel V.4
Hasil Rendemen Ekstrak

Simplisia (gr)	Ekstrak (gr)	%Rendemen
600	39,6	6,6

Keterangan:

$$\% \text{ rendemen ekstrak} = \frac{\text{berat ekstrak}}{\text{berat simplisia}} \times 100\%$$

LAMPIRAN 4
PEMBUATAN GEL



Gambar V.3 Bagan alir pembuatan gel

LAMPIRAN 5

HASIL EVALUASI SEDIAAN

Tabel V.5
Uji Organoleptik

No	Siklus ke-	Uji	Formula A	Formula B	Formula C
1	0	Warna/penampilan	Kuning transparan	Kuning transparan	Kuning transparan
		Bau	Tidak berbau	Tidak berbau	Tidak berbau
		Tekstur	Lembut	Lembut	Lembut
2	1	Warna/penampilan	Kuning transparan	Kuning transparan	Kuning transparan
		Bau	Tidak berbau	Tidak berbau	Tidak berbau
		Tekstur	Lembut	Lembut	Lembut
3	2	Warna/penampilan	Kuning transparan	Kuning transparan	Kuning transparan
		Bau	Tidak berbau	Tidak berbau	Tidak berbau
		Tekstur	Lembut	Lembut	Lembut

**LAMPIRAN 5
(LANJUTAN)**

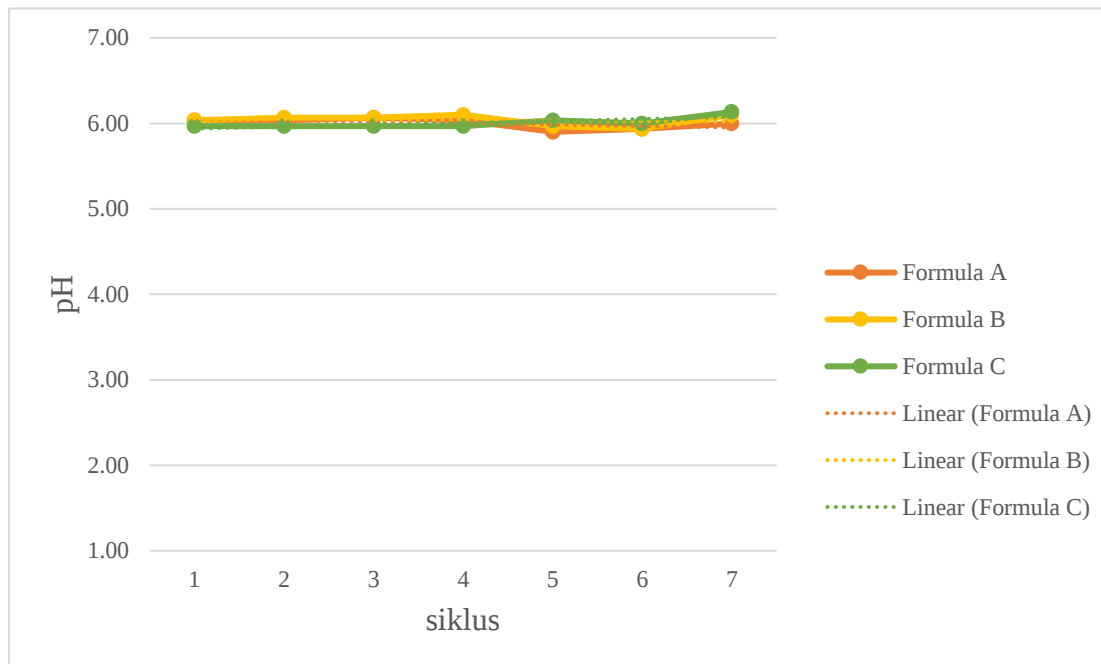
Tabel V.5

No	Siklus ke-	Uji	Formula A	Formula B	Formula C
4	3	Warna/penampilan	Kuning transparan	Kuning transparan	Kuning transparan
		Bau	Tidak berbau	Tidak berbau	Tidak berbau
		Tekstur	Lembut	Lembut	Lembut
5	4	Warna/penampilan	Kuning transparan	Kuning transparan	Kuning transparan
		Bau	Tidak berbau	Tidak berbau	Tidak berbau
		Tekstur	Lembut	Lembut	Lembut
6	5	Warna/penampilan	Kuning transparan	Kuning transparan	Kuning transparan
		Bau	Tidak berbau	Tidak berbau	Tidak berbau
		Tekstur	Lembut	Lembut	Lembut
7	6	Warna/penampilan	Kuning transparan	Kuning transparan	Kuning transparan
		Bau	Tidak berbau	Tidak berbau	Tidak berbau
		Tekstur	Lembut	Lembut	Lembut

**LAMPIRAN 5
(LANJUTAN)**

Tabel V.6
Uji pH

No	Siklus	Rata-rata pH		
		Formula A	Formula B	Formula C
1	0	6,03	6,03	6,00
2	1	6,03	6,07	6,13
3	2	6,07	6,07	6,03
4	3	6,03	6,10	5,97
5	4	5,90	5,97	5,97
6	5	5,93	5,93	5,97
7	6	6,00	6,10	5,97

**LAMPIRAN 5
(LANJUTAN)****Grafik V.4** Grafik uji pH

**LAMPIRAN 5
(LANJUTAN)**

Tabel V.7
Uji Daya Sebar

no	Siklus ke-	pengulangan ke-	Formula		
			A	B	C
			$\Delta m(\text{cm})$	$\Delta m(\text{cm})$	$\Delta m(\text{cm})$
1	0	1	1,5	2,5	2
		2	2	2	2,5
		3	2	2,5	2,5
rata-rata Δm			1,83	2,33	2,33
Daya Sebar(cm/detik)			4,58	5,83	5,83
2	1	1	3	2	3
		2	2	2	2,5
		3	2	2	2,5
rata-rata Δm			2,33	2,00	2,67
Daya Sebar(cm/detik)			5,83	5,00	6,67
3	2	1	3	2,5	2
		2	2	2	3
		3	2	2	2,5
rata-rata Δm			2,33	2,16	2,50
Daya Sebar(cm/detik)			5,83	5,41	6,25

**LAMPIRAN 5
(LANJUTAN)**

**Tabel V.7
(LANJUTAN)**

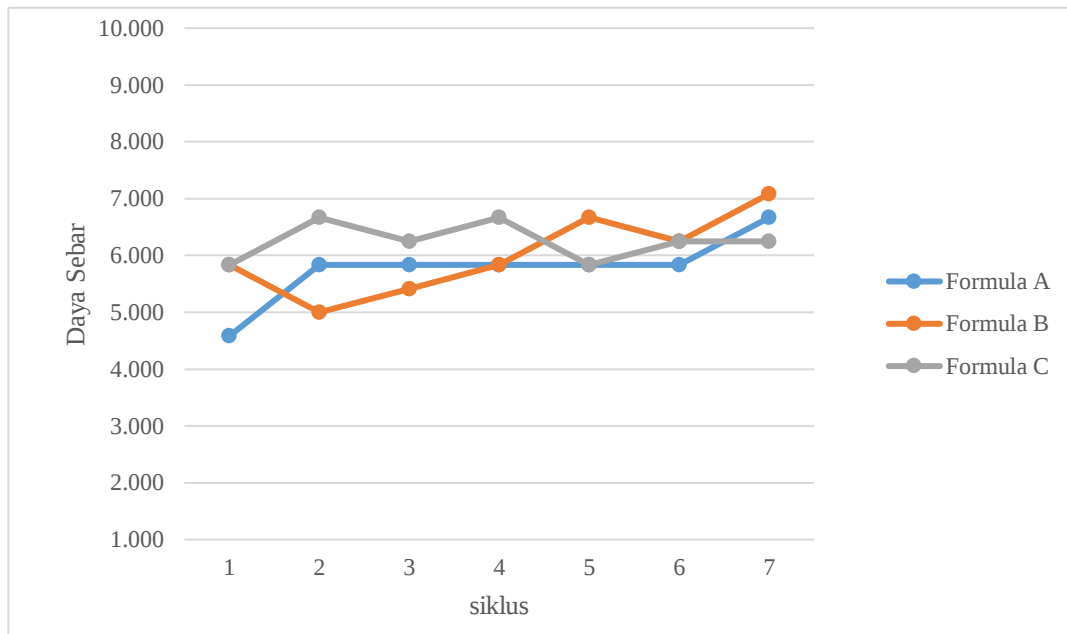
no	Siklus ke-	pengulangan ke-	Formula		
			A	B	C
			$\Delta m(\text{cm})$	$\Delta m(\text{cm})$	$\Delta m(\text{cm})$
4	3	1	3	2	3
		2	2	2,5	2
		3	2	2,5	3
rata-rata Δm			2,33	2,33	2,67
Daya Sebar(cm/detik)			5,83	5,83	6,67
5	4	1	2	3	3
		2	3	2	2
		3	2	3	2
rata-rata Δm			2,33	2,67	2,33
Daya Sebar(cm/detik)			5,83	6,67	5,83

**LAMPIRAN 5
(LANJUTAN)**

**Tabel V.8
(LANJUTAN)**

no	Siklus ke-	pengulangan ke-	Formula		
			A	B	C
			$\Delta m(\text{cm})$	$\Delta m(\text{cm})$	$\Delta m(\text{cm})$
6	5	1	1,5	2,5	2,5
		2	3	3	2,5
		3	2,5	2	2,5
rata-rata Δm			2,33	2,50	2,50
Daya Sebar(cm/detik)			5,83	6,25	6,25
7	6	1	2,5	3	2
		2	3	3	3
		3	2,5	2,5	2,5
rata-rata Δm			2,67	2,83	2,50
Daya Sebar(cm/detik)			6,67	7,08	6,25

**LAMPIRAN 5
(LANJUTAN)**



Grafik V.5 Uji daya sebar

LAMPIRAN 5
(LANJUTAN)

Tabel V.9
Uji Viskositas

no	Siklus ke-	pengulangan ke-	Formula		
			A	B	C
			Cps	Cps	Cps
1	0	1	2400	2400	2200
		2	2400	2200	2200
		3	2200	2300	2300
		rata-rata	2333	2300	2233
2	1	1	2200	2000	2300
		2	2200	2300	2600
		3	2600	2600	2400
		rata-rata	2333	2300	2433
3	2	1	2300	2000	2400
		2	2000	2100	2200
		3	2400	2400	2200
		rata-rata	2233	2167	2267

**LAMPIRAN 5
(LANJUTAN)**

Tabel V.9

no	Siklus ke-	pengulangan ke-	Formula		
			A	B	C
			Cps	Cps	Cps
4	3	1	2400	2200	2300
		2	2200	2300	2200
		3	2300	2300	2300
		rata-rata	2300	2267	2267
5	4	1	2300	2400	2000
		2	2300	2300	2400
		3	2400	2400	2300
		rata-rata	2333	2367	2233
6	5	1	2400	2200	2400
		2	2300	2300	2300
		3	2400	2000	2600
		rata-rata	2367	2167	2433

**LAMPIRAN 5
(LANJUTAN)**

**Tabel V.9
(LANJUTAN)**

no	Siklus ke-	pengulangan ke-	Formula		
			A	B	C
			Cps	Cps	Cps
7	6	1	2300	2300	2200
		2	2000	2400	2400
		3	2200	2400	2300
rata-rata			2167	2367	2300

**LAMPIRAN 5
(LANJUTAN)**

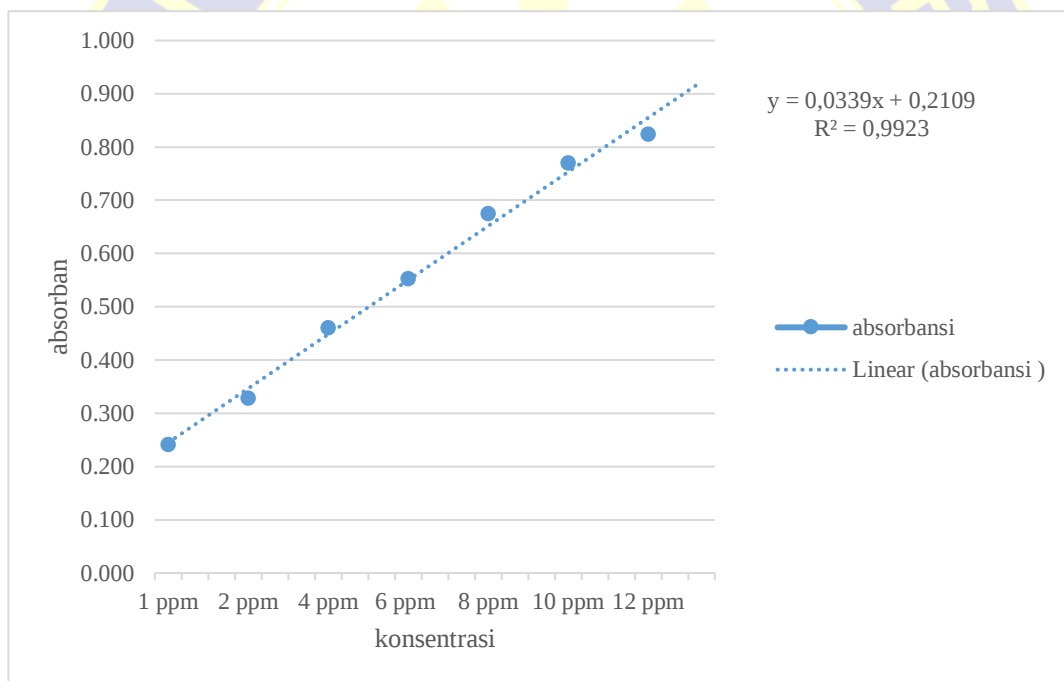
Tabel V.10
Uji Kesukaan

Responden	formula A	formula B	formula C
1	tidak suka	Suka	Suka
2	Suka	tidak suka	Suka
3	suka	Suka	Suka
4	Suka	Suka	Suka
5	Suka	Suka	Suka
6	tidak suka	Suka	Suka
7	Suka	Suka	Suka
8	Suka	Suka	Suka
9	Suka	Suka	Suka
10	Suka	Suka	Suka

LAMPIRAN 6 HASIL UJI DIFUSI SEDIAAN

Tabel V.11
Absorbansi Baku Pembanding Asam Klorogenat

Konsentrasi	1 ppm	2 ppm	4 ppm	6 ppm	8 ppm	10 ppm	12 ppm
Absorbansi	0,241	0,328	0,460	0,552	0,674	0,770	0,824



Grafik V.6 Grafik persamaan regresi baku standar asam klorogenat

**LAMPIRAN 6
(LANJUTAN)**

Tabel V.12
Hasil Fluks Formula A

t (menit)	abs	Kadar	kadar/100 mL	faktor koreksi	kadar+FK	µg/cm ²
5	0,156	1,911	57,316	5,732	63,047	53,887
10	0,168	2,098	62,949	6,295	69,244	59,183
15	0,186	2,380	71,398	7,140	78,538	67,127
20	0,202	2,630	78,909	7,891	86,800	74,188
30	0,213	2,802	84,073	8,407	92,480	79,043
60	0,22	2,912	87,358	8,736	96,094	82,132
90	0,241	3,241	97,216	9,722	106,938	91,400
120	0,267	3,647	109,421	10,942	120,363	102,874
180	0,298	4,132	123,973	12,397	136,370	116,556
240	0,344	4,852	145,566	14,557	160,123	136,857
300	0,396	5,666	169,976	16,998	186,973	159,806
360	0,439	6,339	190,161	19,016	209,177	178,784
420	0,615	9,093	272,778	27,278	300,056	256,458
480	0,626	9,265	277,942	27,794	305,736	261,313
Total						1719,606
persen terdifusi (%)						34,392

**LAMPIRAN 6
(LANJUTAN)**

Tabel V.13
Hasil Fluks Formula B

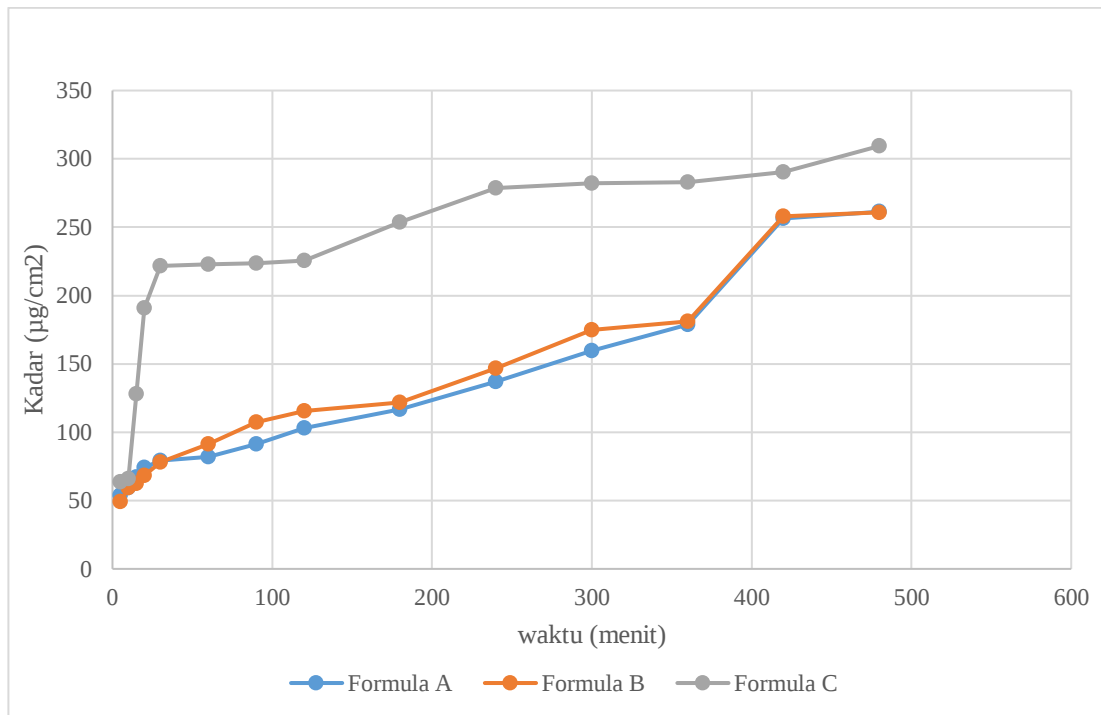
t (menit)	abs	kadar	kadar/100 mL	faktor koreksi	kadar+FK	µg/cm ²
5	0,145	1,738	52,152	5,215	57,367	49,032
10	0,168	2,098	62,949	6,295	69,244	59,183
15	0,175	2,208	66,235	6,623	72,858	62,272
20	0,189	2,427	72,807	7,281	80,087	68,451
30	0,211	2,771	83,134	8,313	91,447	78,160
60	0,241	3,241	97,216	9,722	106,938	91,400
90	0,277	3,804	114,115	11,412	125,527	107,288
120	0,296	4,101	123,034	12,303	135,338	115,673
180	0,31	4,320	129,606	12,961	142,567	121,852
240	0,366	5,196	155,893	15,589	171,483	146,566
300	0,43	6,198	185,936	18,594	204,530	174,812
360	0,444	6,417	192,508	19,251	211,759	180,990
420	0,618	9,140	274,186	27,419	301,605	257,782
480	0,625	9,249	277,472	27,747	305,219	260,871
Total						1774,331
persen terdifusi (%)						35,487

**LAMPIRAN 6
(LANJUTAN)**

Tabel V.14
Hasil Fluks Formula C

t (menit)	abs	kadar	kadar/100 mL	faktor koreksi	kadar+FK	µg/cm ²
5	0,178	2,255	67,650	6,765	74,415	63,603
10	0,183	2,333	69,990	6,999	76,989	65,803
15	0,324	4,539	136,178	13,618	149,796	128,030
20	0,466	6,761	202,835	20,283	223,118	190,700
30	0,536	7,856	235,694	23,569	259,264	221,593
60	0,539	7,903	237,102	23,710	260,813	222,917
90	0,541	7,935	238,041	23,804	261,845	223,799
120	0,545	7,997	239,919	23,992	263,911	225,565
180	0,609	8,999	269,962	26,996	296,958	253,810
240	0,665	9,875	296,249	29,625	325,874	278,525
300	0,673	10,000	300,004	30,000	330,005	282,055
360	0,675	10,031	300,943	30,094	331,037	282,938
420	0,692	10,297	308,923	30,892	339,816	290,441
480	0,735	10,970	329,108	32,911	362,019	309,418
Total						3039,195
persen terdifusi (%)						60,784

**LAMPIRAN 6
(LANJUTAN)**



Grafik V.7 Uji difusi sediaan gel

LAMPIRAN 7
HASIL UJI ANTI-WRINKLE

Tabel V.15
Angka Kerutan Formula A

No	Nama	Hari ke-				Slope
		0	7	14	21	
1	responden 1	0,2706	0,2338	0,2089	0,1334	-0,0437
2	responden 2	0,3446	0,2485	0,2375	0,2267	-0,0365
3	responden 3	0,2674	0,1857	0,1249	0,1003	-0,0562
4	responden 4	0,3919	0,2543	0,2514	0,2504	-0,0427
5	responden 5	0,4517	0,2127	0,1695	0,154	-0,0936
6	responden 6	0,3281	0,2481	0,1802	0,1167	-0,0702
7	responden 7	0,2727	0,1393	0,116	0,1138	-0,05
8	responden 8	0,3315	0,176	0,1312	0,1252	-0,0664
9	responden 9	0,3436	0,1516	0,1244	0,0762	-0,0829
10	responden 10	0,353	0,2571	0,2252	0,181	-0,0548

**LAMPIRAN 7
(LANJUTAN)**

Tabel V.16
Angka Kerutan Formula B

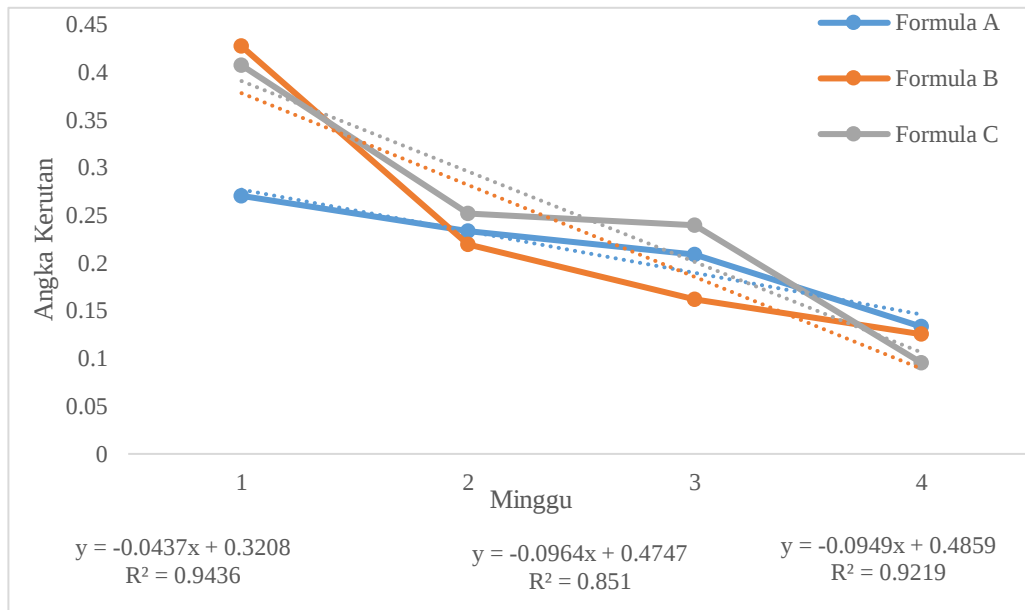
No	Nama	Hari ke-				slope
		0	7	14	21	
1	responden 1	0,4275	0,2199	0,1623	0,1255	-0,0964
2	responden 2	0,3665	0,1562	0,1505	0,1203	-0,0744
3	responden 3	0,421	0,3281	0,1689	0,1219	-0,1057
4	responden 4	0,433	0,2361	0,1999	0,1412	-0,0912
5	responden 5	0,3899	0,178	0,1028	0,0651	-0,105
6	responden 6	0,4749	0,1731	0,1012	0,0616	-0,1312
7	responden 7	0,3997	0,1666	0,158	0,1344	-0,0805
8	responden 8	0,369	0,2236	0,2145	0,0661	-0,0918
9	responden 9	0,2635	0,1617	0,1565	0,1342	-0,0393
10	responden 10	0,2774	0,1916	0,179	0,117	-0,0494

**LAMPIRAN 7
(LANJUTAN)**

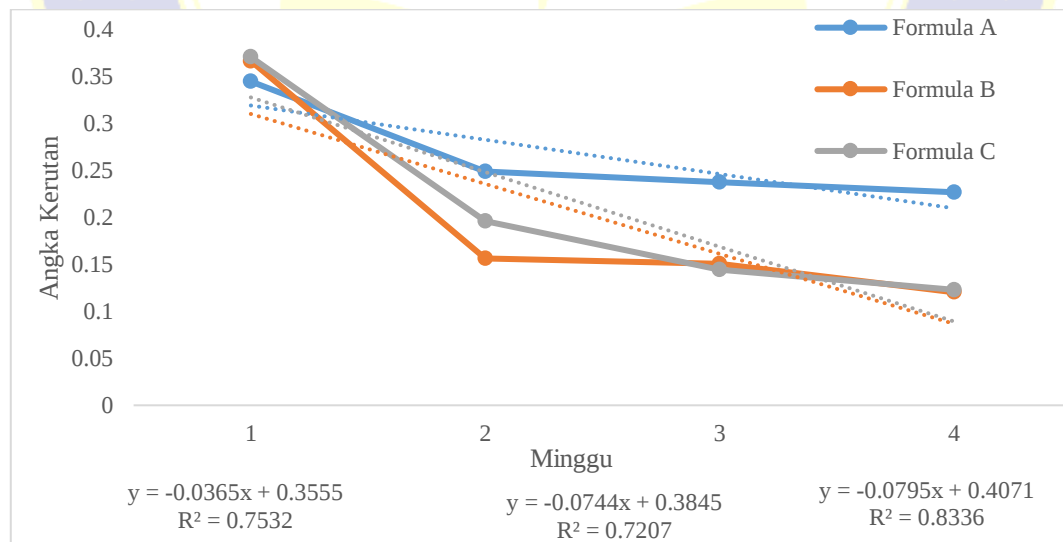
Tabel V.17
Angka Kerutan Formula C

No	Nama	Hari ke-				slope
		0	7	14	21	
1	responden 1	0,4076	0,2521	0,2397	0,0955	-0,0949
2	responden 2	0,3706	0,1959	0,1444	0,1229	-0,0795
3	responden 3	0,3336	0,1454	0,1373	0,0711	-0,0796
4	responden 4	0,4645	0,154	0,0889	0,06	-0,1279
5	responden 5	0,2807	0,2029	0,154	0,1195	-0,0533
6	responden 6	0,8398	0,2203	0,1879	0,0637	-0,2361
7	responden 7	0,4527	0,1472	0,0934	0,0746	-0,1188
8	responden 8	0,1829	0,1063	0,0948	0,0714	-0,0346
9	responden 9	0,3057	0,1961	0,1049	0,0872	-0,0747
10	responden 10	0,2352	0,165	0,1179	0,1018	-0,0447

LAMPIRAN 7 (LANJUTAN)

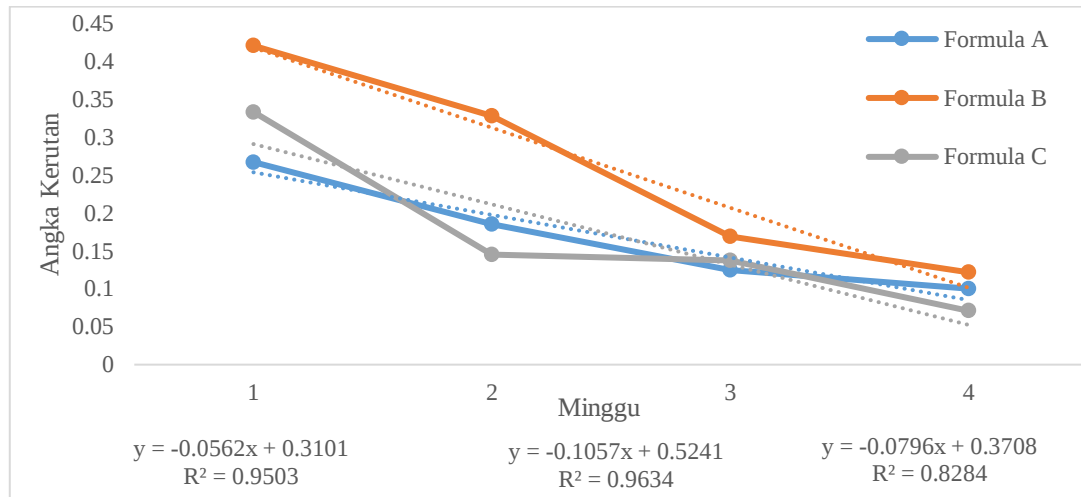


Grafik V.8 Penurunan kerutan pada responden 1

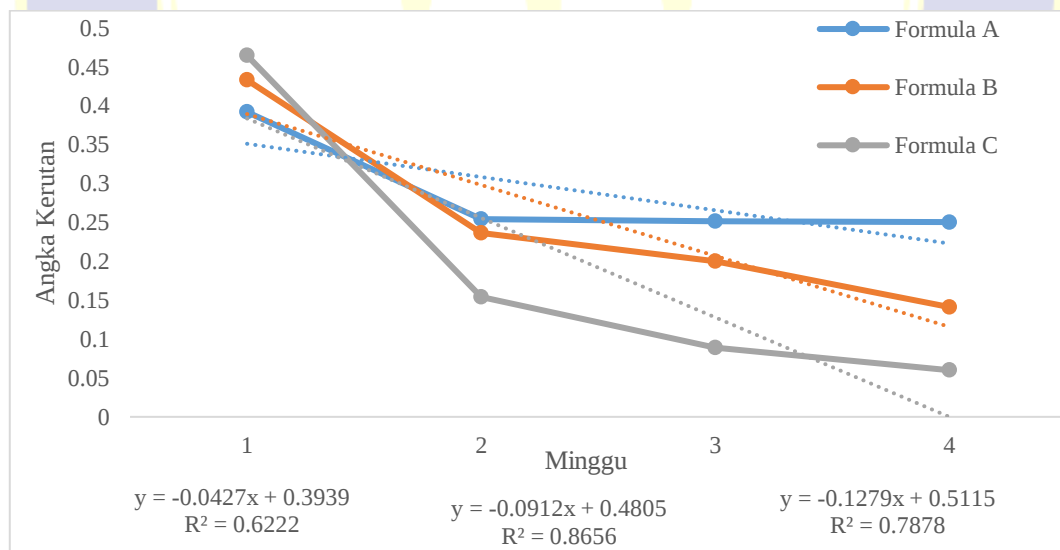


Grafik V.9 Penurunan Kerutan pada responden 2

LAMPIRAN 7 (LANJUTAN)

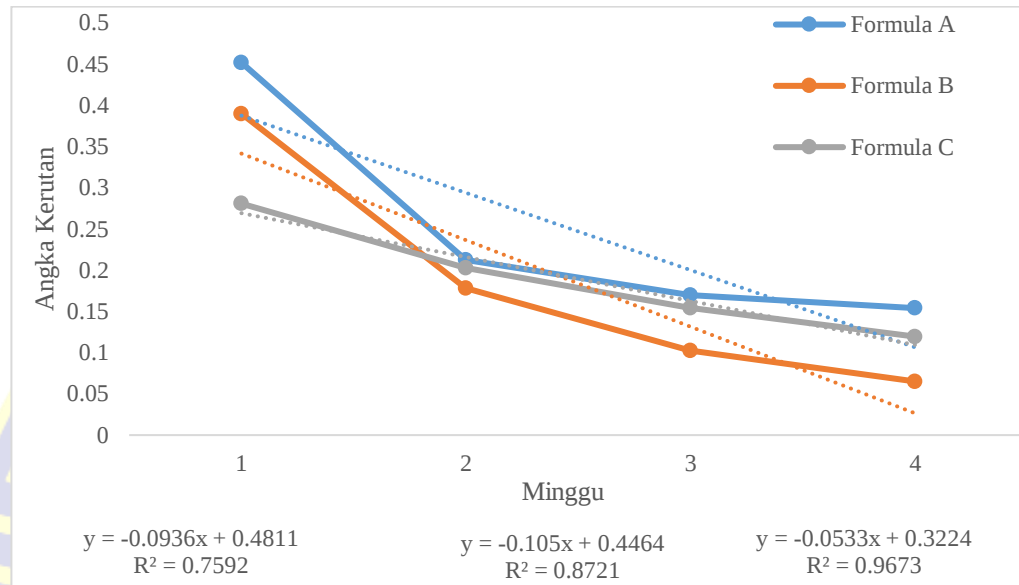


Grafik V.10 Penurunan kerutan pada responden 3

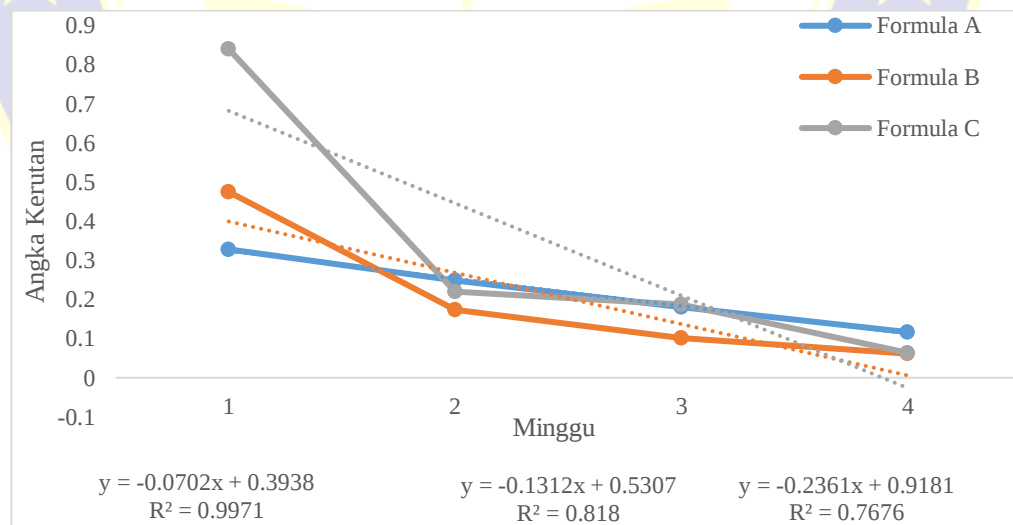


Grafik V.11 Penurunan kerutan pada responden 4

LAMPIRAN 7 (LANJUTAN)

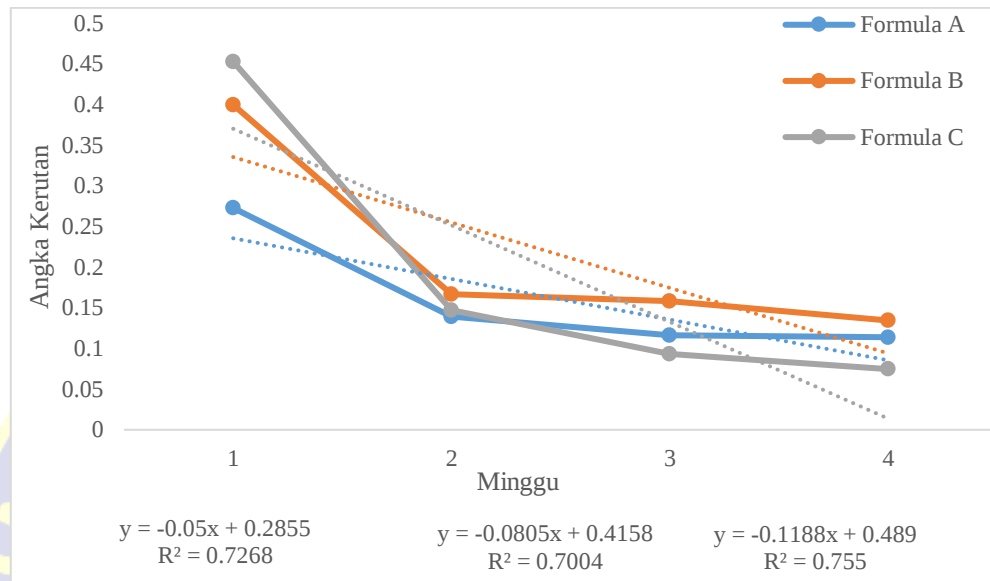


Grafik V.12 Penurunan kerutan pada responden 5

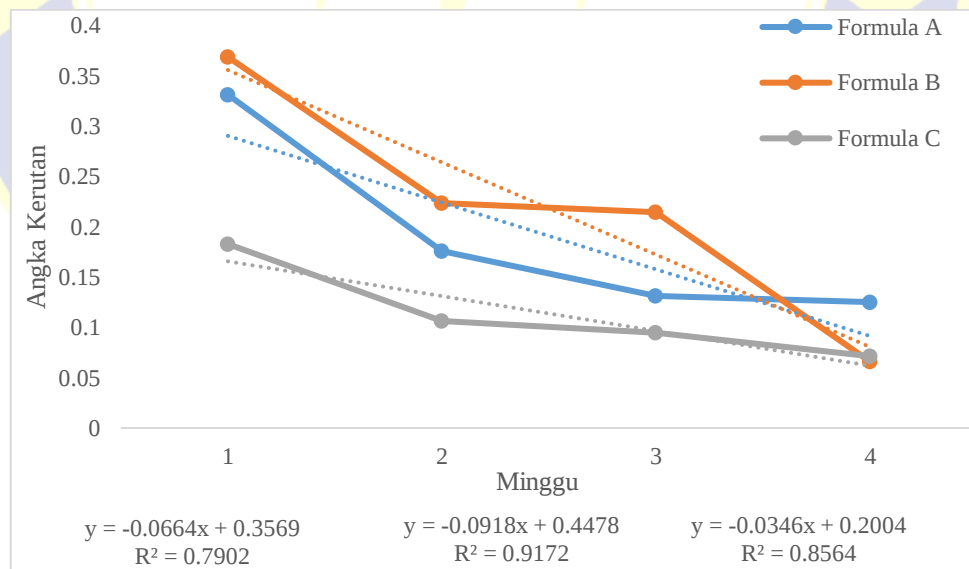


Grafik V.13 Penurunan kerutan pada responden 6

LAMPIRAN 7 (LANJUTAN)

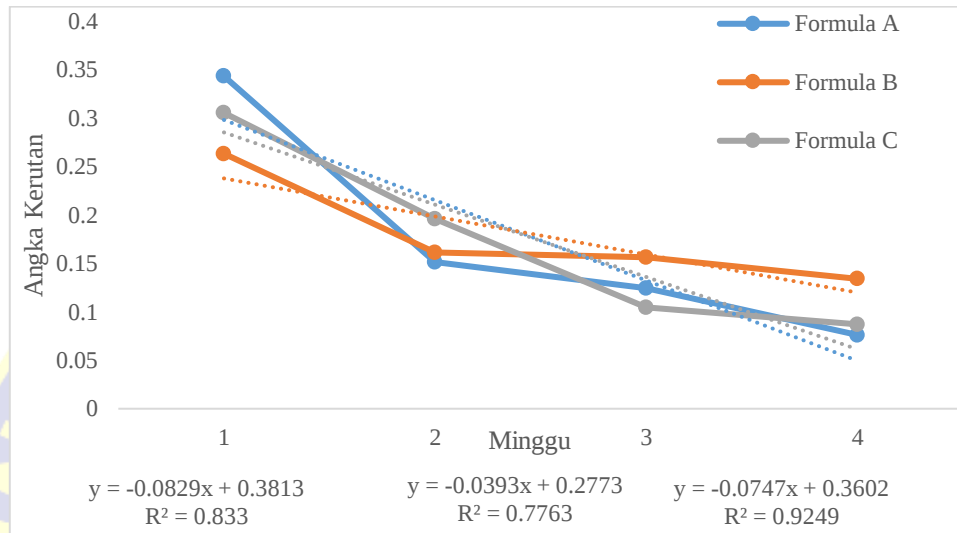


Grafik V.14 Penurunan kerutan pada responden 7

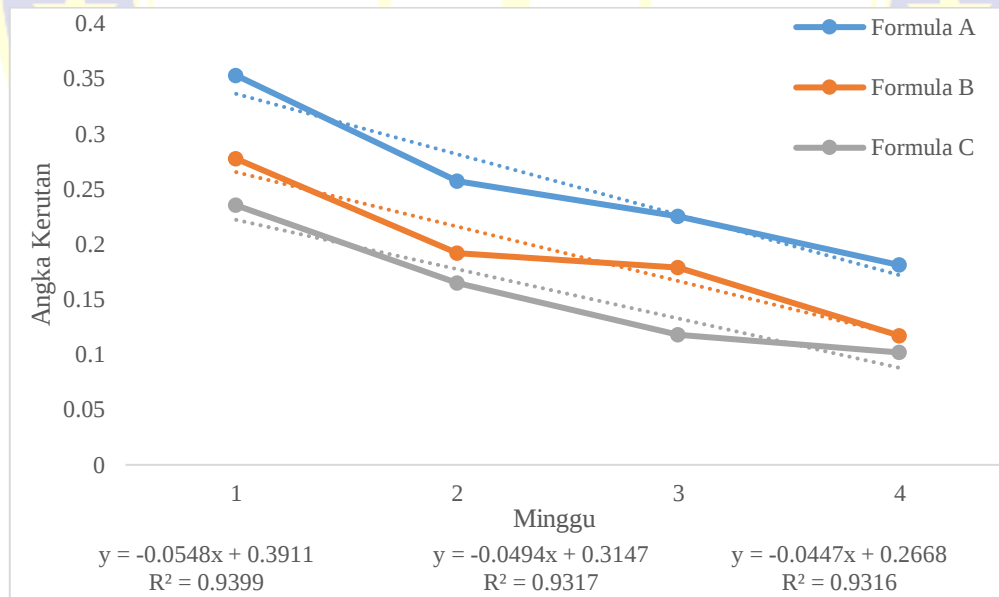


Grafik V.15 Penurunan kerutan pada responden 8

LAMPIRAN 7 (LANJUTAN)



Grafik V.16 Penurunan kerutan pada responden 9



Grafik V.17 Penurunan kerutan pada responden 10

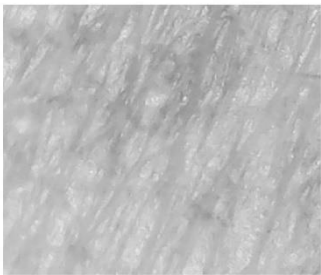
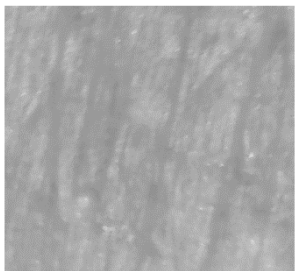
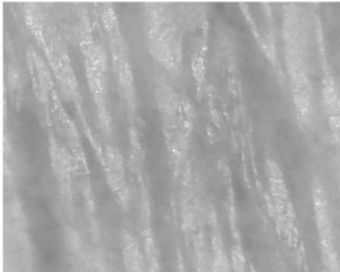
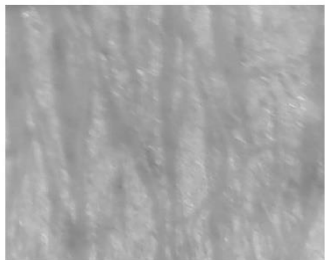
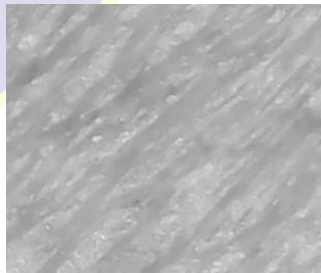
**LAMPIRAN 7
(LANJUTAN)**

Tabel V.18
Rata-rata Slope Setiap Formula

Nama	Slope		
	formula A	formula B	formula C
responden 1	-0,0437	-0,0964	-0,0949
responden 2	-0,0365	-0,0744	-0,0795
responden 3	-0,0562	-0,1057	-0,0796
responden 4	-0,0427	-0,0912	-0,1279
responden 5	-0,0936	-0,105	-0,0533
responden 6	-0,0702	-0,1312	-0,2361
responden 7	-0,05	-0,0805	-0,1188
responden 8	-0,0664	-0,0918	-0,0346
responden 9	-0,0829	-0,0393	-0,0747
responden 10	-0,0548	-0,0494	-0,0447
rata-rata	-0,0597	-0,08649	-0,09441

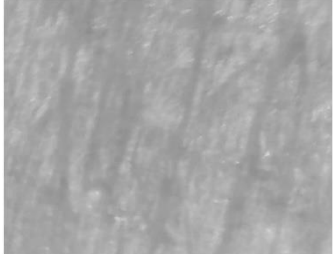
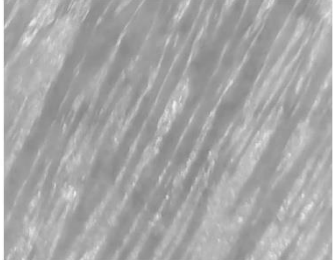
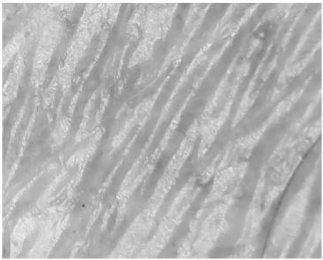
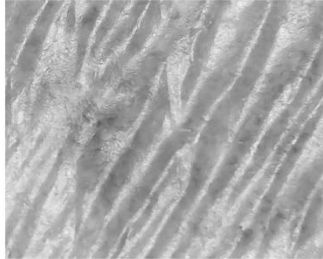
LAMPIRAN 8
PERBANDINGAN KULIT RESPONDEN

Tabel V.19
Perbandingan Kulit Responden 1

Responden	Formula	Hari ke-	
		0	21
1	A		
	B		
	C		

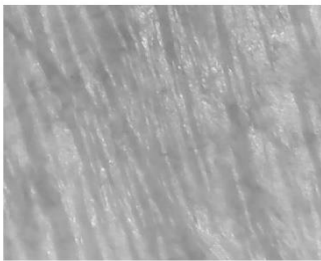
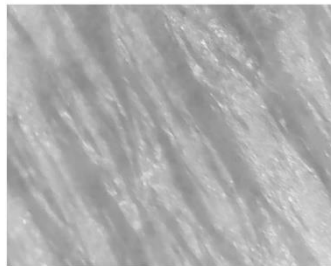
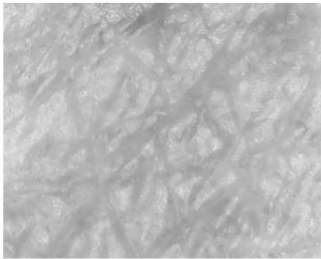
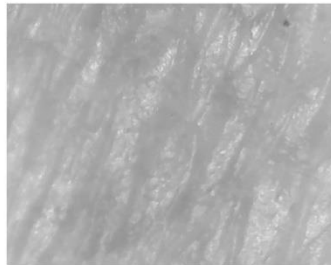
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.20
Perbandingan Kulit Responden 2

Responden	Formula	Hari ke-	
		0	21
2	A		
	B		
	C		

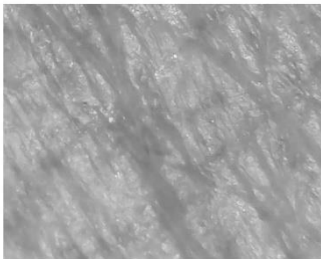
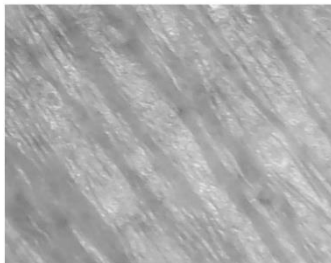
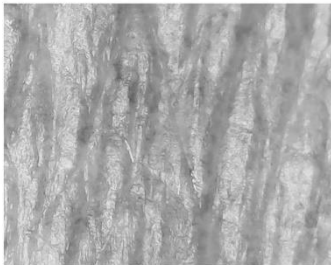
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.21
Perbandingan Kulit Responden 3

Responden	Formula	Hari ke-	
		0	21
3	A		
	B		
	C		

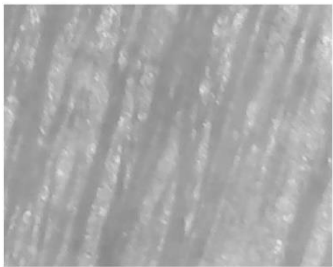
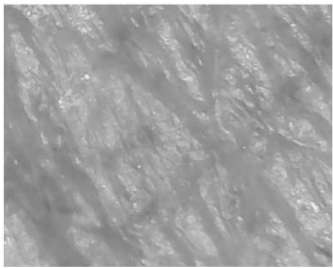
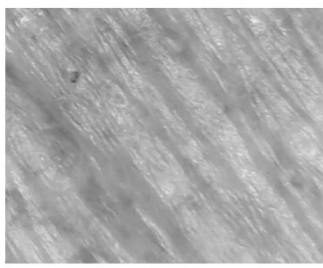
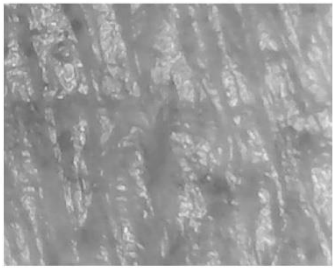
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.22
Perbandingan Kulit Responden 4

Responden	Formula	Hari ke-	
		0	21
4 ★	A		
	B		
	C		

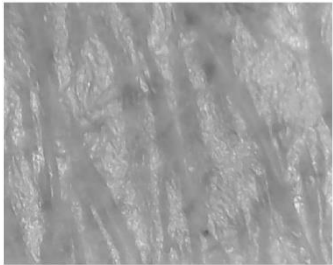
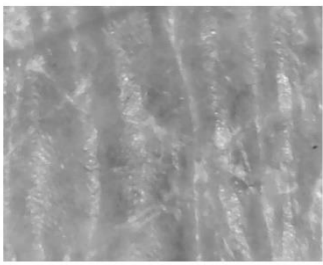
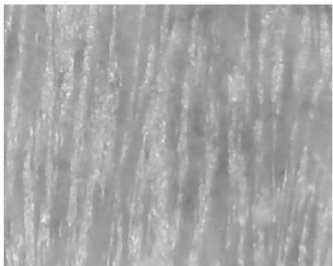
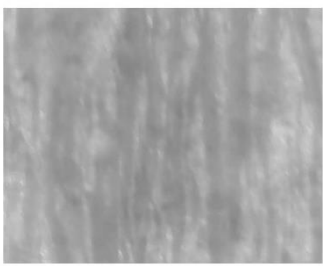
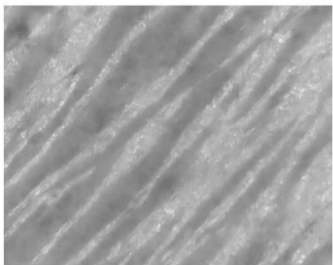
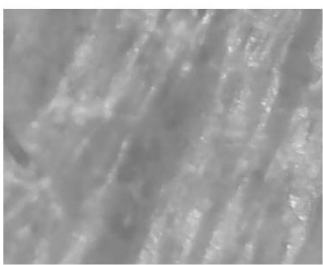
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.23
Perbandingan Kulit Responden 5

Responden	Formula	Hari ke-	
		0	21
5 ★	A		
	B		
	C		

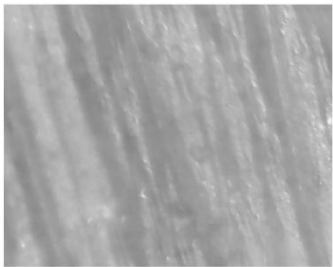
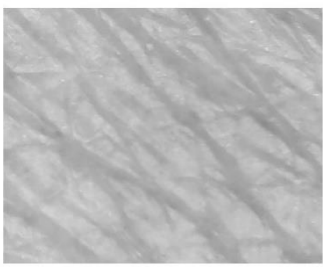
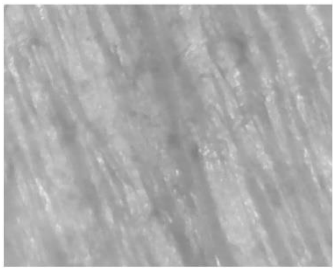
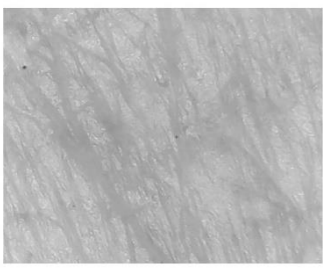
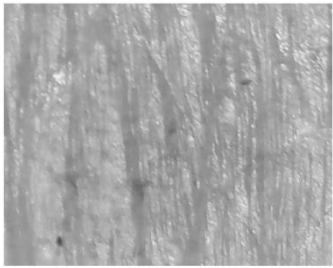
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.24
Perbandingan Kulit Responden 6

Responden	Formula	Hari ke-	
		0	21
6	A		
	B		
	C		

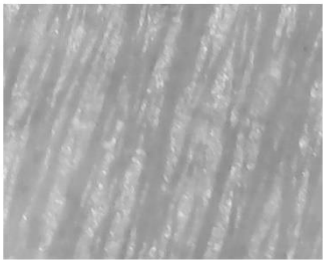
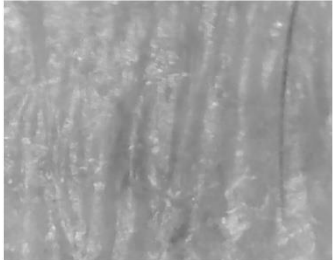
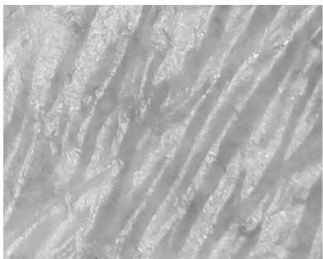
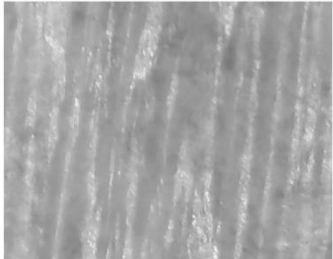
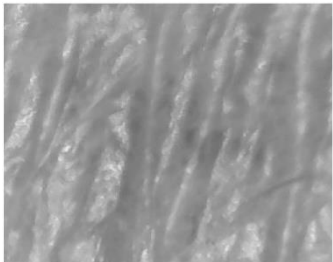
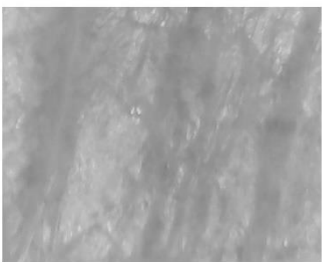
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.25
Perbandingan Kulit Responden 7

Responden	Formula	Hari ke-	
		0	21
7	A		
	B		
	C		

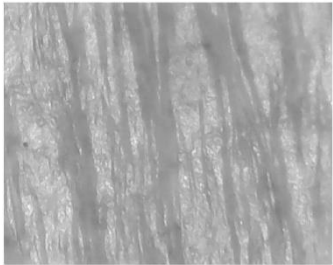
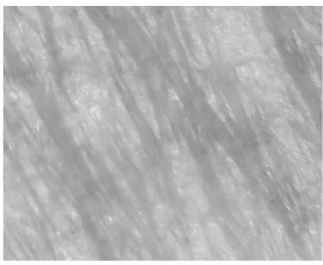
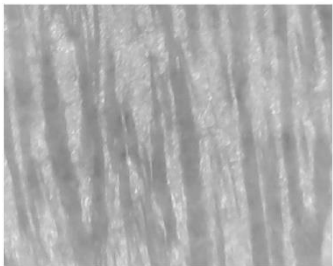
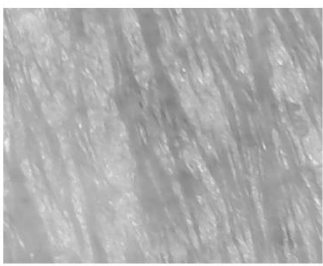
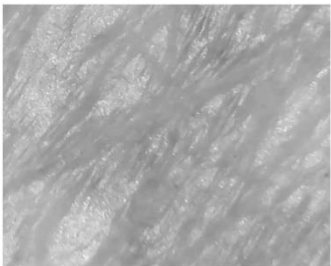
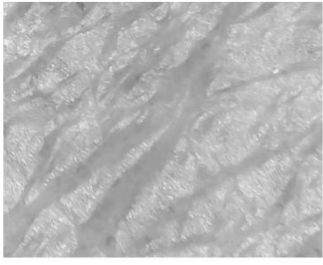
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.26
Perbandingan Kulit Responden 8

Responden	Formula	Hari ke-	
		0	21
8	A		
	B		
	C		

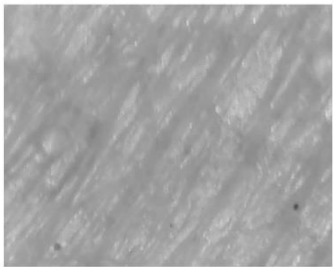
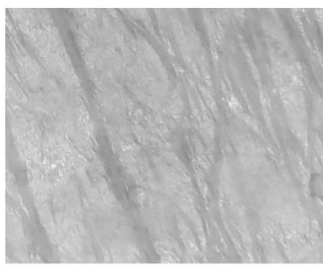
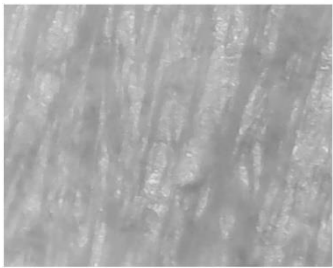
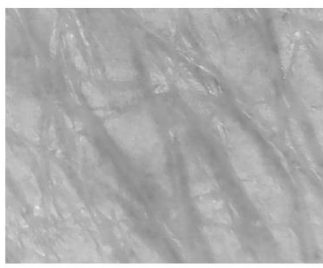
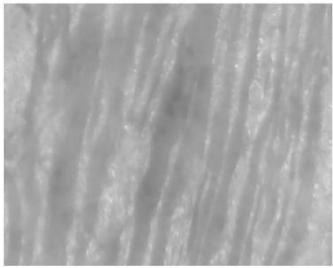
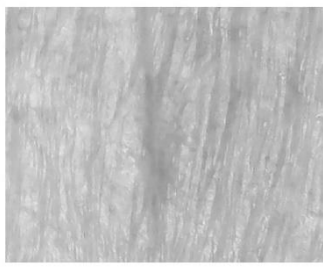
**LAMPIRAN 8
(LANJUTAN)**

Tabel V.27
Perbandingan Kulit Responden 9

Responden	Formula	Hari ke-	
		0	21
9	A		
	B		
	C		

**LAMPIRAN 8
(LANJUTAN)**

Tabel V.28
Perbandingan Kulit Responden 10

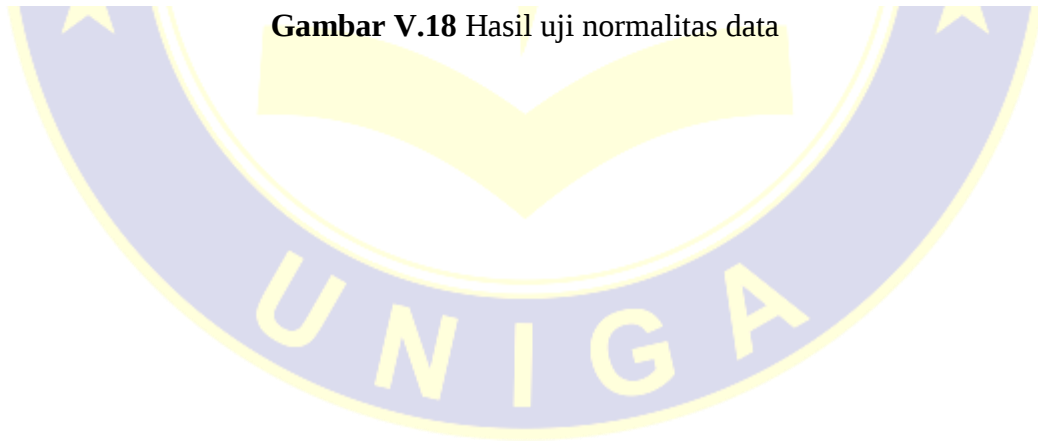
Responden	Formula	Hari ke-	
		0	21
10	A		
	B		
	C		

LAMPIRAN 9
HASIL UJI STATISTIK

Tests of Normality^a						
	Kolmogorov-Smirnov ^b			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Angka Kerutan Hari ke-0 Formula A	.181	10	.200 [*]	.911	10	.291
Angka Kerutan Hari ke-21 Formula A	.201	10	.200 [*]	.920	10	.357
Angka Kerutan Hari ke-0 Formula B	.207	10	.200 [*]	.911	10	.290
Angka Kerutan Hari ke-21 Formula B	.303	10	.010	.791	10	.011
Angka Kerutan Hari ke-0 Formula C	.237	10	.119	.840	10	.044
Angka Kerutan Hari ke-21 Formula C	.206	10	.200 [*]	.912	10	.298

^{*}. This is a lower bound of the true significance.
 a. Jenis Kelamin Responden is constant. It has been omitted.
 b. Lilliefors Significance Correction

Gambar V.18 Hasil uji normalitas data



**LAMPIRAN 9
(LANJUTAN)**

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	Angka Kerutan Hari ke-0 Formula A - Angka Kerutan Hari ke-21 Formula A	.1877400	.0581347	.0183838	.1461530	.2293270	10.212	9	.000
Pair 2	Angka Kerutan Hari ke-0 Formula B - Angka Kerutan Hari ke-21 Formula B	.2735100	.0811311	.0256559	.2154723	.3315477	10.661	9	.000
Pair 3	Angka Kerutan Hari ke-0 Formula C - Angka Kerutan Hari ke-21 Formula C	.3005600	.1935549	.0612074	.1620992	.4390208	4.911	9	.001

Gambar V.19 Hasil uji statistik

UNIGA