LAMPIRAN

Lampiran 1 Surat Bebas Plagiasi

SURAT PERNYATAAN

Yang bertanda tangan di bawah ini,
Nama : Kholifayul Khasana
N P M : 11181160
adalah mahasiswa Fakultas Farmasi, Universitas Bhakti Kencana, menyatakan dengan sesungguhnya bahwa Naskah Tugas Akhir/Skripsi yang saya tulis dengan judul:
adalah benar-benar merupakan hasil karya saya sendiri. Apabila di kemudian hari

Formulasi Lotion Soyghurt Susu Kedelai (*Glycine max* (L.) *Merrill*) Sebagai Antioksidan

diketahui bahwa isi Naskah Skripsi ini merupakan hasil plagiasi, maka saya bersedia menerima sanksi berupa pembatalan kelulusan dan atau pencabutan gelar yang saya peroleh.

Demikian surat pernyataan ini saya buat untuk dapat dipergunakan sebagaimana mestinya.

Bandung, Agustus 2022
Yang membuat pernyataan,

(Kholifayul Khasana)
NPM. 11181160

SURAT PERNYATAAN

Yang bertanda tangan di bawah ini,

Nama : Kholifayul Khasana

N P M : 11181160

Menyatakan bahwa demi kepentingan perkembangan ilmu pengetahuan, saya menyetujui abstrak Skripsi yang saya tulis dengan judul:

Formulasi Lotion Soyghurt Susu Kedelai (*Glycine max* (L.) *Merrill*) Sebagai Antioksidan

Untuk dipublikasikan atau ditampilkan di internet atau media lain yaitu Digital Library Perpustakaan Universitas Bhakti Kencanauntuk kepentingan akademik, sebatas sesuai dengan Undang-Undang Hak Cipta.

Demikian surat pernyataan ini saya buat untuk dapat dipergunakan sebagaimana mestinya.

Bandung, Agustus 2022

Yang membuat pernyataan,

(Kholifayul Khasana)

NPM 11181160

Lampiran 2 Surat Izin Permohonan Penelitian

Fakultas Farmasi
Universitas
Bhakti Kencana

Jl. Soekarno Hatta No 754 Bandung
022 7830 760, 022 7830 768
bku.ac.id contact@bku.ac.id

Bandung, 22 Pebruari 2022

Nomor : 0286/03.FF.03/UBK/II/2022.
Lampiran : -
Perihal : Permohonan Izin Penelitian

Kepada Yth.
Kepala UPTD Laboratorium Universitas Bhakti Kencana
Di Tempat

Dengan Hormat,
Sehubungan dengan akan diselenggarakannya Penelitian bagi mahasiswa Fakultas Farmasi (Prodi S1) Universitas Bhakti Kencana, T.A 2021/2022, dengan ini kami mengajukan Permohonan Izin Penelitian di tempat yang Bapak/Ibu pimpin.

Adapun nama mahasiswa tersebut adalah :

Nama	: Kholifayul Khasana
NPM	: 11181160
No. Telp/Hp	: 85320411310
Judul Penelitian	: FORMULASI LOTION SUSU KEDELAI (Glycine max (L) merrill) SEBAGAI ANTIOKSIDAN
Pembimbing Utama	: Soni Muhsinin, M.Si.
Pembimbing Serta	: Dr.apt.Garnadi Jafar, M.Si.

Besar harapan kami, kiranya Bapak/Ibu berkenan mengijinkan permohonan ini. Atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Mengetahui,
Dekan Fakultas Farmasi

Dr. apt.Patohah, M.Si
NIK. 02012010051

Ketua Prodi Strata 1 (S1) Farmasi

apt. Aris Suhardiman, M.Si.,
NIK.0216010091

Lampiran 3 Formulir Hedonik

FORMULIR

UJI TINGKAT KESUKAAN (UJI HEDONIK)

Nama : .....

Umur : ..... tahun.

Jenis Kelamin : Laki-laki/Perempuan*

Tanggal : ...../...../.....

TTD Panelis

Petunjuk penilaian

1. Dihadapan anda terdapat 5 sampel sediaan masker gel peel-off dengan kode yang berbeda.
2. Amati tekstur, warna dan aroma sediaan.
3. Berikan penilaian berdasarkan skor nilai yang telah ditentukan.

Kode Sampel	Parameter		
	Tekstur	Warna	Aroma
FB1 (Kontrol Negatif)			
F1 (4%)			
F2 (6%)			
F3 (8%)			
F4 (10%)			
K+ (Kontrol Positif)			

Keterangan:

0 = Sangat tidak suka

1 = Agak tidak suka

2 = Netral

3 = Agak suka

4 = Sangat suka

5 = Amat sangat suka

Komentar:

*: coret salah satu

Lampiran 4 Gambar Dokumentasi Hasil Penelitian

Lampiran 4.1 Fermentasi Susu kedelai

Kacang kedelai

Pemisahan kulit ari

Penghalusan kedelai

Penyaringan

Pasteurisasi Susu

Inokulasi starter

Inkubasi selama 18 jam pada suhu 37ºC

Organoleptik Soyghurt

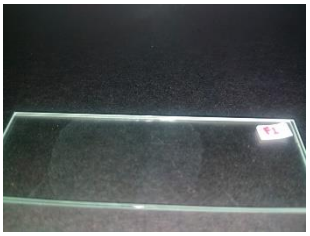
Pengukuran pH

Lampiran 4.2 Optimasi Basis

Evaluasi viskositas basis

Evaluasi Daya sebar basis

Evaluasi pH basis



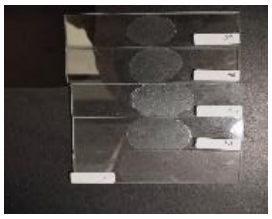
Evaluasi Homogenitas

Evaluasi Organoleptis

Lampiran 4.3 Evaluasi Lotion pada Suhu ruang 28 Hari

Lotion selama penyimpanan 28 hari

Uji Ph Lotion



Uji Homogenitas Lotion

Uji Viskositas Lotion

Uji Daya sebar Lotion

Lampiran 4.4 Cycling Test Lotion

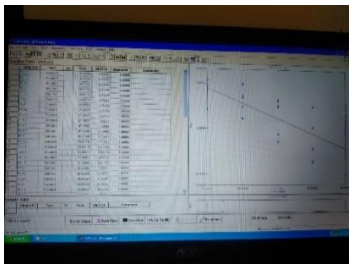
Cycling Test dalam oven 40^{o}C

Cycling Test dalam kulkas 4^{o}C

Lampiran 4.5 Uji Antioksidan

preparasi

pengenceran



Pengukuran Absorban sampel

Lampiran 4.6 Uji Hedonis

Uji hedonis kepada panelis

Lampiran 5 Tabel pengujian Soyghurt, Optimasi Basis, Evaluasi Lotion, dan Cycling Test

Lampiran 5.1 Tabel uji pH Soyghurt

Pengujian	Replikasi				Rata-rata	SD
	Batch	1	2	3		
pH	1	4.22	4.23	4.27	4.24	0.026
	2	4.4	4.38	4.35	4.38	0.025
	3	4.35	4.32	4.44	4.37	0.062

Lampiran 5.2 Tabel Uji pH Optimasi Basis

Hari ke	Formula	Replikasi			Rata-rata	SD
		1	2	3		
1	Pembanding	7.17	7.15	7.16	7.16	0.01
	FB1	7.38	7.39	7.43	7.08	0.02
	FB2	7.15	7.2	7.14	7.16	0.03
	FB3	6.7	6.72	6.74	6.72	0.02
	FB4	6.62	6.63	6.6	6.62	0.01
	FB5	6.35	6.36	6.38	6.36	0.01
	FB6	5.56	5.58	5.61	5.58	0.02
3	Pembanding	7.14	7.16	7.13	7.14	0.01
	FB1	7.34	7.38	7.4	7.37	0.02
	FB2	7.18	7.12	7.1	7.13	0.03
	FB3	6.56	6.53	6.58	6.56	0.02
	FB4	6.64	6.65	6.61	6.63	0.02
	FB5	6.25	6.28	6.3	6.28	0.02
	FB6	5.45	5.5	5.52	5.49	0.03
5	Pembanding	7.12	7.16	7.14	7.14	0.02
	FB1	7.36	7.35	7.39	7.37	0.02
	FB2	7.15	7.09	7.06	7.10	0.04
	FB3	6.6	6.67	6.68	6.65	0.04
	FB4	6.56	6.52	6.53	6.54	0.02
	FB5	6.2	6.24	6.23	6.22	0.02
	FB6	5.52	5.53	5.5	5.52	0.01
7	Pembanding	7.13	7.17	7.18	7.16	0.02
	FB1	7.37	7.35	7.33	7.35	0.02
	FB2	7.11	7	7.04	7.05	0.05
	FB3	6.54	6.54	6.56	6.55	0.01
	FB4	6.52	6.49	6.48	6.50	0.02
	FB5	6.13	6.1	6.06	6.10	0.03
	FB6	5.58	5.56	5.57	5.57	0.01
14	Pembanding	7.12	7.14	7.15	7.14	0.01
	FB1	7.34	7.35	7.3	7.33	0.02
	FB2	7.1	7.08	7	7.06	0.04

	FB3	6.53	6.5	6.49	6.51	0.02
	FB4	6.46	6.48	6.44	6.46	0.02
	FB5	6.14	6.16	6.18	6.16	0.02
	FB6	5.58	5.54	5.56	5.56	0.02

Lampiran 5.3 Tabel Uji Viskositas Optimasi Basis

Hari ke	Formula	Replikasi			Rata-rata	SD
		1	2	3		
1	Pembanding	6920	6970	6950	6947	25.17
	FB1	15940	15960	15980	15960	20.00
	FB2	17910	17900	17980	17930	43.59
	FB3	20400	20440	20420	20420	20.00
	FB4	22380	22300	22320	22333	41.63
	FB5	24230	24220	24240	24230	10.00
	FB6	26900	26960	26980	26947	41.63
3	Pembanding	6940	6960	6920	6940	20.00
	FB1	15940	15960	15920	15940	20.00
	FB2	17980	17920	17810	17903	86.22
	FB3	19990	19980	20000	19990	10.00
	FB4	22220	22240	22260	22240	20.00
	FB5	24190	24240	24200	24210	26.46
	FB6	26660	26680	26700	26680	20.00
5	Pembanding	6920	6980	6950	6950	30.00
	FB1	15920	15960	15900	15927	30.55
	FB2	17810	17900	17920	17877	58.59
	FB3	20160	20170	20200	20177	20.82
	FB4	22180	22200	22180	22187	11.55
	FB5	24080	24100	24120	24100	20.00
	FB6	26700	26720	26780	26733	41.63
7	Pembanding	6920	6960	6890	6923	35.12
	FB1	15890	15900	15910	15900	10.00
	FB2	17880	17880	17820	17860	34.64
	FB3	20040	20060	20020	20040	20.00
	FB4	22100	22140	22160	22133	30.55
	FB5	24000	24010	24020	24010	10.00
	FB6	26820	26840	26860	26840	20.00
14	Pembanding	6890	6890	6880	6887	5.77
	FB1	15820	15880	15850	15850	30.00
	FB2	17800	17820	17840	17820	20.00
	FB3	19920	19980	19940	19947	30.55
	FB4	22020	22040	22060	22040	20.00
	FB5	24120	24140	24180	24147	30.55
	FB6	26780	26740	26800	26773	30.55

Lampiran 5.4 Tabel Uji Daya Sebar Optimasi Basis

Hari ke	Formula	Replikasi			Rata-rata	SD
		1	2	3		
1	Pembanding	7.2	7	7.1	7.1	0.08
	FB1	5.2	5.3	5.4	5.3	0.08
	FB2	5.1	5	5.2	5.1	0.08
	FB3	4.4	4.6	4.5	4.5	0.08
	FB4	4.4	4.2	4.3	4.3	0.08
	FB5	4.2	4	4.2	4.1	0.09
	FB6	3.8	4	4.1	4.0	0.12
3	Pembanding	7.2	7.1	7.3	7.2	0.08
	FB1	5.4	5.3	5.5	5.4	0.08
	FB2	5.1	5.3	5.2	5.2	0.08
	FB3	4.6	4.5	4.7	4.6	0.08
	FB4	4.1	4.3	4.2	4.2	0.08
	FB5	4.1	4.3	4.4	4.3	0.12
	FB6	4.5	4.4	4.3	4.4	0.08
5	pembanding	7.2	7.3	7.2	7.2	0.05
	FB1	5.6	5.4	5.5	5.5	0.08
	FB2	5.2	5	5.1	5.1	0.08
	FB3	4.5	4.4	4.6	4.5	0.08
	FB4	4.4	4.2	4.3	4.3	0.08
	FB5	4.4	4.3	4.5	4.4	0.08
	FB6	4.3	4.5	4.4	4.4	0.08
7	Pembanding	7.2	7.4	7.3	7.3	0.08
	FB1	5.4	5.6	5.5	5.5	0.08
	FB2	5.1	5.3	5.2	5.2	0.08
	FB3	4.6	4.5	4.6	4.6	0.05
	FB4	4.5	4.6	4.7	4.6	0.08
	FB5	4.5	4.6	4.7	4.6	0.08
	FB6	4.1	4.2	4.3	4.2	0.08
14	Pembanding	7.2	7.3	7.4	7.3	0.08
	FB1	5.5	5.4	5.6	5.5	0.08
	FB2	5.3	5.2	5.4	5.3	0.08
	FB3	4.7	4.8	4.9	4.8	0.08
	FB4	4.6	4.5	4.7	4.6	0.08
	FB5	4.6	4.5	4.4	4.5	0.08
	FB6	4.2	4.3	4.1	4.2	0.08

Lampiran 5.5 Tabel Uji pH Lotion Soyghurt

Hari ke	Formula	Replikasi			Rata-rata	SD
		1	2	3		
1	FB1	7.35	7.38	7.41	7.38	0.03
	F1	7.21	7.26	7.28	7.25	0.04
	F2	6.99	6.95	6.87	6.94	0.06
	F3	6.4	6.38	6.42	6.40	0.02
	F4	6.14	6.11	6.12	6.12	0.02
7	FB1	7.36	7.34	7.4	7.37	0.03
	F1	7.26	7.17	7.25	7.23	0.05
	F2	6.95	6.89	6.78	6.87	0.09
	F3	6.37	6.33	6.35	6.35	0.02
	F4	6.1	6.15	6.12	6.12	0.03
14	FB1	7.32	7.36	7.34	7.34	0.02
	F1	7.21	7.2	7.12	7.18	0.05
	F2	6.86	6.68	6.76	6.77	0.09
	F3	6.43	6.37	6.38	6.39	0.03
	F4	6.03	6.03	6.06	6.04	0.02
21	FB1	7.35	7.3	7.31	7.32	0.03
	F1	7.2	7.22	7.12	7.18	0.05
	F2	6.85	6.64	6.74	6.74	0.11
	F3	6.26	6.27	6.3	6.28	0.02
	F4	5.89	5.9	5.94	5.91	0.03
28	FB1	7.32	7.33	7.25	7.30	0.04
	F1	7.06	7.15	7.15	7.12	0.05
	F2	6.79	6.76	6.6	6.72	0.10
	F3	6.3	6.24	6.26	6.27	0.03
	F4	5.55	5.58	5.57	5.57	0.02

Lampiran 5.6 Tabel Uji Viskositas Lotion Soyghurt

Hari ke	Formula	Replikasi			Rata-rata	SD
		1	2	3		
1	FB1	15990	15810	15950	15917	94.52
	F1	10910	10900	10980	10930	43.59
	F2	9880	9710	9850	9813	90.74
	F3	8420	8480	8510	8470	45.83
	F4	7920	7940	7840	7900	52.92
7	FB1	15800	15840	15930	15857	66.58
	F1	10980	10920	10810	10903	86.22
	F2	9700	9740	9830	9757	66.58
	F3	8000	8080	8040	8040	40.00
	F4	7560	7520	7480	7520	40.00
14	FB1	15700	15810	15900	15803	100.17
	F1	10810	10900	10920	10877	58.59
	F2	9610	9710	9800	9707	95.04
	F3	8120	8180	8120	8140	34.64
	F4	7320	7380	7480	7393	80.83
21	FB1	15890	15800	15760	15817	66.58
	F1	10880	10880	10820	10860	34.64
	F2	9790	9700	9660	9717	66.58

	F3	7960	7920	8000	7960	40.00
	F4	6920	6950	6890	6920	30.00
	FB1	15770	15600	15660	15677	86.22
	F1	10800	10820	10840	10820	20.00
28	F2	9670	9510	9560	9580	81.85
	F3	7120	7080	7040	7080	40.00
	F4	6720	6640	6680	6680	40.00

Lampiran 5.7 Tabel Uji Daya Sebar Lotion Soyghurt

Hari ke	Formula	Replikasi			Rata-rata	SD
		1	2	3		
1	FB1	5.3	5.3	5.5	5.4	0.12
	F1	6	6.1	6.3	6.1	0.15
	F2	6.2	6.3	6.4	6.3	0.10
	F3	6.3	6.4	6.5	6.4	0.10
	F4	6.6	6.7	6.7	6.7	0.06
7	FB1	5.4	5.5	5.6	5.5	0.10
	F1	6	6.2	6.4	6.2	0.20
	F2	6.4	6.3	6.5	6.4	0.10
	F3	6.5	6.6	6.4	6.5	0.10
	F4	6.8	6.8	6.7	6.8	0.06
14	FB1	5.8	5.6	5.5	5.6	0.15
	F1	6.3	6.2	6.5	6.3	0.15
	F2	6.6	6.4	6.5	6.5	0.10
	F3	6.4	6.5	6.7	6.5	0.15
	F4	6.8	6.9	6.9	6.9	0.06
21	FB1	5.6	5.5	5.8	5.6	0.15
	F1	6.2	6.4	6.6	6.4	0.20
	F2	6.4	6.6	6.5	6.5	0.10
	F3	6.7	6.8	6.5	6.7	0.15
	F4	6.9	7	7	7.0	0.06
28	FB1	5.7	5.6	5.9	5.7	0.15
	F1	6.6	6.7	6.4	6.6	0.15
	F2	6.4	6.6	6.6	6.5	0.12
	F3	6.8	6.9	6.6	6.8	0.15
	F4	7.1	7.3	7.2	7.2	0.10

Lampiran 5.8 Tabel Uji pH Cycling Test

Uji pH Lotion Cycling Test

Siklus	Formula	Replikasi			Rata-rata	SD
		1	2	3		
0	FB1	7.39	7.43	7.36	7.39	0.03
	F1	7.22	7.28	7.33	7.28	0.04
	F2	6.96	6.97	6.88	6.94	0.04

	F3	6.43	6.37	6.45	6.42	0.03
	F4	6.22	6.25	6.38	6.28	0.07
1	FB1	7.2	7.24	7.26	7.23	0.03
	F1	7.02	7.05	7.08	7.05	0.03
	F2	6.74	6.78	6.83	6.78	0.05
	F3	6.37	6.42	6.41	6.40	0.03
	F4	6.16	6.22	6.18	6.19	0.03
2	FB1	7.19	7.17	7.15	7.17	0.02
	F1	6.69	6.67	6.65	6.67	0.02
	F2	6.62	6.63	6.7	6.65	0.04
	F3	6.28	7.29	6.32	6.63	0.57
	F4	6.11	6.08	6.12	6.10	0.02
3	FB1	7.02	6.99	6.97	6.99	0.03
	F1	6.6	6.55	6.56	6.57	0.03
	F2	6.59	6.56	6.54	6.56	0.03
	F3	6.28	6.3	6.27	6.28	0.02
	F4	6.04	6.07	6.09	6.07	0.03
4	FB1	6.78	6.75	6.73	6.75	0.03
	F1	6.85	6.87	6.88	6.87	0.02
	F2	6.52	6.47	6.45	6.48	0.04
	F3	6.26	6.25	6.23	6.25	0.02
	F4	6.17	6.14	6.13	6.15	0.02
5	FB1	6.52	6.56	6.54	6.54	0.02
	F1	6.69	6.73	6.71	6.71	0.02
	F2	6.45	6.46	6.49	6.47	0.02
	F3	6.06	6.1	6.15	6.10	0.05
	F4	6.02	6.04	6.05	6.04	0.02
6	FB1	6.48	6.46	6.45	6.46	0.02
	F1	6.66	6.52	6.54	6.57	0.08
	F2	6.39	6.37	6.4	6.39	0.02
	F3	6.12	6.1	6.08	6.10	0.02
	F4	6.05	6.03	6.01	6.03	0.02

Lampiran 5.9 Tabel Uji Viskositas Cycling Test

Uji Viskositas Lotion Cycling Test

Siklus	Formula	Replikasi			Rata-rata	SD
		1	2	3		
0	FB1	15980	15960	15880	15940	43.20
	F1	10920	10900	10960	10926.67	24.94
	F2	9880	9810	9850	9846.667	28.67
	F3	8400	8480	8520	8466.667	49.89
	F4	7980	7940	7860	7926.667	49.89
1	FB1	15760	15600	15840	15733.33	122.20
	F1	10160	10240	10180	10193.33	41.63
	F2	9840	9760	9780	9793.33	41.63
	F3	8360	8390	8300	8350.00	45.83
	F4	7880	7800	7820	7833.33	41.63

	FB1	15440	15280	15320	15346.67	83.27
	F1	10020	10080	10060	10053.33	30.55
2	F2	9440	9520	9560	9506.67	61.10
	F3	8020	8000	8060	8026.67	30.55
	F4	7440	7480	7460	7460.00	20.00
	FB1	15120	15160	15180	15153.33	30.55
	F1	9960	9840	9920	9906.67	61.10
3	F2	9360	9380	9440	9393.33	41.63
	F3	7880	7800	7860	7846.67	41.63
	F4	7440	7480	7460	7460.00	20.00
	FB1	14360	14420	14380	14386.67	30.55
	F1	9220	9240	9280	9246.67	30.55
4	F2	8200	8360	8290	8283.33	80.21
	F3	7120	7080	7160	7120.00	40.00
	F4	6480	6460	6420	6453.33	30.55
	FB1	14400	14480	14560	14480.00	80.00
	F1	9360	9420	9410	9396.67	32.15
5	F2	8420	8480	8460	8453.33	30.55
	F3	7320	7360	7380	7353.33	30.55
	F4	6560	6620	6680	6620.00	60.00
	FB1	14360	14420	14380	14386.67	30.55
	F1	9220	9240	9280	9246.67	30.55
6	F2	8200	8360	8290	8283.33	80.21
	F3	7120	7080	7160	7120.00	40.00
	F4	6480	6460	6420	6453.33	30.55

Lampiran 5.10 Tabel Daya Sebar Cycling Test

Uji Daya Sebar Lotion Cycling Test

Siklus	Formula	Replikasi			Rata-rata	SD
		1	2	3		
	FB1	5.4	5.2	5.3	5.30	0.10
	F1	5.7	5.8	5.6	5.70	0.10
0	F2	6.2	6.3	6.5	6.33	0.15
	F3	6.3	6.5	6.4	6.40	0.10
	F4	6.5	6.4	6.6	6.50	0.10
	FB1	5.4	5.4	5.2	5.33	0.12
	F1	5.9	5.8	5.5	5.73	0.21
1	F2	6.2	6.3	6	6.17	0.15
	F3	6.5	6.3	6.5	6.43	0.12
	F4	6.5	6.6	6.7	6.60	0.10
	FBI	5.5	5.6	5.7	5.60	0.10
	F1	5.8	5.7	5.9	5.80	0.10
2	F2	6.4	6.5	6.4	6.43	0.06
	F3	6.5	6.7	6.8	6.67	0.15
	F4	7	6.8	6.7	6.83	0.15
	FB1	5.8	5.6	5.5	5.63	0.15
3	F1	6.3	6.2	6.5	6.33	0.15
	F2	6.6	6.5	6.7	6.60	0.10
	F3	6.6	6.5	6.6	6.57	0.06

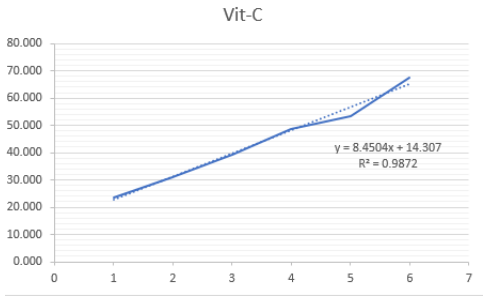
	F4	6.9	6.7	6.9	6.83	0.12
4	FB1	5.9	5.6	5.8	5.77	0.15
	F1	6.4	6.3	6.5	6.40	0.10
	F2	6.8	6.7	6.5	6.67	0.15
	F3	6.8	6.7	6.9	6.80	0.10
	F4	7.1	7.2	7.2	7.17	0.06
5	FB1	5.8	5.6	5.7	5.70	0.10
	F1	6.3	6.4	6.5	6.40	0.10
	F2	6.6	6.8	6.7	6.70	0.10
	F3	7	6.9	6.7	6.87	0.15
	F4	7.3	7.3	7.2	7.27	0.06
6	FB1	5.7	5.5	5.7	5.63	0.12
	F1	5.9	5.8	6.2	5.97	0.21
	F2	6.8	6.7	6.9	6.80	0.10
	F3	6.9	7	7.2	7.03	0.15
	F4	6.9	6.8	6.8	6.83	0.06

Lampiran 6 Tabel Pengujian Antioksidan

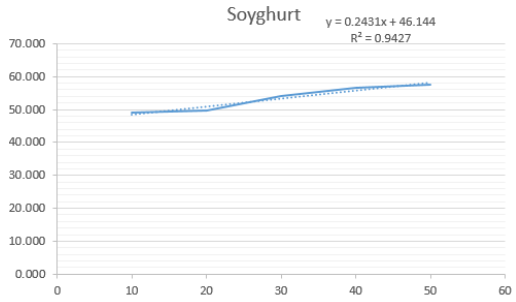
Lampiran 6.1 Tabel Pengujian Antioksidan

Sampel	Konsentrasi	Abs Kontrol	Abs Sampel			Rata-rata	SD
			1	2	3		
Vit C	1	0.842	0.644	0.643	0.642	0.643	0.001
	2	0.842	0.585	0.581	0.581	0.582	0.002
	3	0.842	0.51	0.51	0.512	0.511	0.001
	4	0.842	0.432	0.433	0.432	0.432	0.001
	5	0.842	0.392	0.392	0.391	0.392	0.001
	6	0.842	0.274	0.275	0.276	0.275	0.001
Soyghurt	10	0.824	0.429	0.430	0.430	0.430	0.001
	20	0.824	0.425	0.422	0.424	0.424	0.002
	30	0.824	0.383	0.386	0.387	0.385	0.002
	40	0.824	0.363	0.364	0.368	0.365	0.003
	50	0.824	0.356	0.358	0.356	0.357	0.001
FB 1	10	0.824	0.772	0.771	0.77	0.771	0.001
	20	0.824	0.74	0.749	0.738	0.742	0.006
	30	0.824	0.729	0.727	0.724	0.727	0.003
	40	0.824	0.712	0.718	0.713	0.714	0.003
	50	0.824	0.703	0.702	0.702	0.702	0.001
F1	10	0.824	0.81909	0.8123	0.8166	0.816	0.003
	20	0.824	0.79756	0.79535	0.79927	0.797	0.002
	30	0.824	0.703	0.72748	0.72173	0.717	0.013
	40	0.824	0.69928	0.69844	0.69949	0.699	0.001
	50	0.824	0.60551	0.60503	0.60083	0.604	0.003
F2	10	0.824	0.8125	0.81525	0.81372	0.814	0.001
	20	0.824	0.73795	0.74757	0.74547	0.744	0.005
	30	0.824	0.69435	0.70076	0.69469	0.697	0.004
	40	0.824	0.60512	0.60835	0.60764	0.607	0.002
	50	0.824	0.58841	0.58134	0.58885	0.586	0.004
F3	10	0.824	0.79364	0.79335	0.79428	0.794	0.000
	20	0.824	0.69783	0.69725	0.6969	0.697	0.000
	30	0.824	0.57632	0.57742	0.57843	0.577	0.001
	40	0.824	0.50977	0.51022	0.51402	0.511	0.002
	50	0.824	0.48581	0.48924	0.48683	0.487	0.002
F4	10	0.824	0.68988	0.68831	0.68988	0.689	0.000906
	20	0.824	0.64885	0.64722	0.64322	0.646	0.002897
	30	0.824	0.54283	0.54413	0.54149	0.543	0.00132
	40	0.824	0.45668	0.45178	0.45758	0.455	0.003121
	50	0.824	0.39694	0.39455	0.39745	0.396	0.001548

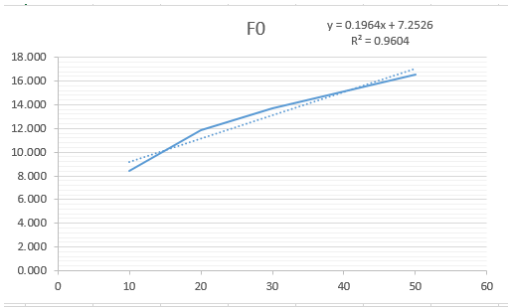
Lampiran 6.2 Gambar Grafik Pengujian Antioksidan



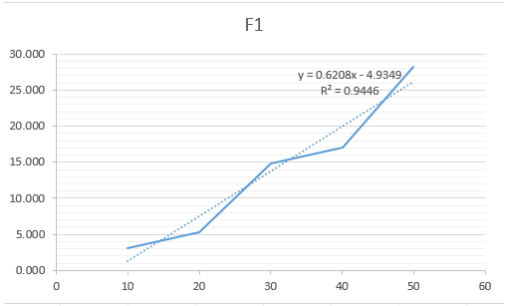
Gambar 6.2.1 % Inhibisi Vitamin C



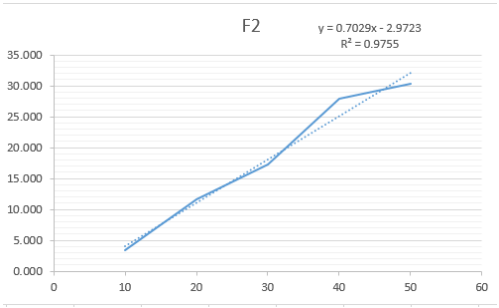
Gambar 6.2.2 % Inhibisi Soyghurt



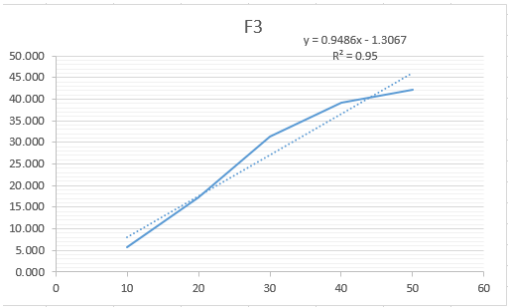
Gambar 6.2.3 % Inhibisi FB 1



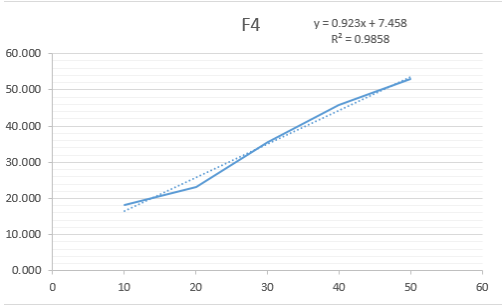
Gambar 6.2.4 % Inhibisi F 1



Gambar 6.2.5 % Inhibisi F2



Gambar 6.2.6 % Inhibisi F3



Gambar 6.2.7 % Inhibisi F4

Lampiran 7 Tabel data Uji Hedonis

Lampiran 8.1 Tabel Uji Hedonis Terhadap Tekstur

panelis	Tekstur					
	FB1	F1	F2	F3	F4	K+
1	1	1	2	2	1	2
2	1	2	2	2	1	4
3	2	2	2	3	1	4
4	2	2	2	3	2	4
5	2	2	3	3	2	4
6	2	2	3	3	2	4
7	2	3	3	3	2	4
8	2	3	3	3	2	4
9	3	3	3	3	2	5
10	3	4	3	3	2	5
11	3	4	3	3	2	5
12	3	4	3	3	3	5
13	3	4	3	3	3	5
14	3	4	4	3	3	5
15	3	4	4	6	3	5
16	4	4	4	6	4	5
17	4	4	4	6	4	5
18	4	4	4	6	4	5
19	4	5	4	6	4	5
20	4	5	4	6	5	5
JML	55	66	63	76	52	90

Lampiran 9.2 Tabel Uji Hedonis Terhadap Warna

panelis	WARNA					
	FB1	F1	F2	F3	F4	K+
1	1	2	1	1	0	2
2	2	2	2	1	0	2
3	2	2	2	1	1	3
4	2	2	2	2	1	3
5	2	2	2	2	1	4
6	2	2	2	2	1	4
7	3	3	2	2	2	4
8	3	3	2	2	2	4
9	3	3	2	2	2	4
10	3	3	2	2	2	4
11	3	3	2	3	2	4
12	4	3	3	3	2	4
13	4	4	3	3	3	4
14	4	4	3	3	3	5
15	4	4	3	3	3	5
16	4	4	3	3	3	5
17	4	4	4	3	3	5
18	4	5	4	4	4	5
19	5	5	4	4	4	5
20	5	5	4	4	4	5

JML	64	65	52	50	43	81

Lampiran 10.3 Tabel Uji Hedonis Terhadap Aroma

panelis	AROMA					
	FB1	F1	F2	F3	F4	K+
1	1	1	1	1	0	3
2	2	2	3	1	1	3
3	2	2	3	2	1	4
4	2	2	3	2	1	4
5	2	3	3	2	1	4
6	3	3	3	2	2	4
7	3	4	3	3	2	4
8	3	4	3	3	2	4
9	3	4	3	3	2	4
10	3	4	4	3	2	4
11	4	4	4	3	2	5
12	4	4	4	4	1	5
13	4	4	4	4	4	5
14	4	4	4	4	4	5
15	4	4	4	4	4	5
16	4	4	4	4	4	5
17	4	5	4	4	4	5
18	4	5	4	4	4	5
19	5	5	5	4	4	5
20	5	5	5	5	5	5
JML	66	73	71	62	50	88

Lampiran 11 Hasil Uji Statistik Optimasi Basis

Lampiran 8.1 Hasil statistik uji pH Optimasi Basis Antar Formula

Lampiran 8.1.a *One way* ANNOVA pH

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	36.031	34	1.060	1392.655	< .001
Residuals	0.053	70	7.610e-4		

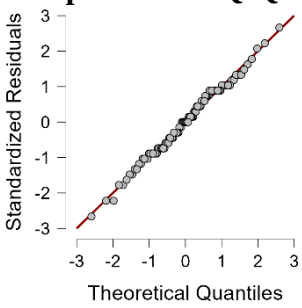
Note. Type III Sum of Squares

Lampiran 8.1.b *Assumption Checks* pH

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.488	34.000	70.000	0.081

Lampiran 8.1.c Q-Q Plot pH



Lampiran 8.1.d *Pos hoc Test pH Optimasi Basis*

Link :

: https://drive.google.com/file/d/1bMmqmIFZKY5lkMmNz7adxCvoK1vkF9jG/view?usp=sharing

Scan disini :

Lampiran 8.2 Hasil statistik uji viskositas Optimasi Basis Antar Formula

Lampiran 8.2.a *One way* ANNOVA viskositas

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	3.825e+9	34	1.125e+8	117172.827	< .001
Residuals	67200.000	70	960.000		

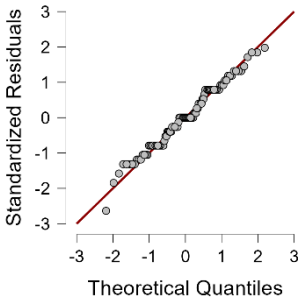
Note. Type III Sum of Squares

Lampiran 8.2.b Assumption Checks Viskositas

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.981	34.000	70.000	0.080

Lampiran 8.2.c Q-Q Plot Viskositas



Lampiran 8.2.d Pos hoc Test viskositas Basis (Link dan Scan ada di lampiran 8.1.d).

Lampiran 8.3 Hasil statistik uji Daya Sebar Optimasi Basis Antar Formula

Lampiran 8.3.a One way ANNOVA Daya Sebar

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	101.446	34	2.984	284.809	< .001
Residuals	0.733	70	0.010		

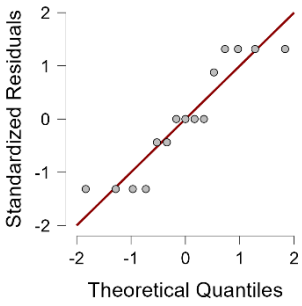
Note. Type III Sum of Squares

Lampiran 8.3.b Assumption Checks Daya Sebar

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.146	34.000	70.000	1.000

Lampiran 8.3.c Q-Q Plot



Lampiran 8.3.d Pos hoc Test Daya Sebar Basis (Link dan Scan ada di lampiran 8.1.d).

Lampiran 8.4 Hasil statistik Optimasi Basis Terhadap penyimpanan 14 Hari

Lampiran 8.4.a One way ANNOVA pH Pembanding

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.008	4	0.002	3.247	0.060
Residuals	0.006	10	6.333e-4		

Note. Type III Sum of Squares

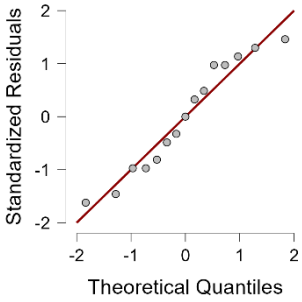
Lampiran 8.4.b Assumption Checks pH Pembanding

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.335	4.000	10.000	0.848

Lampiran 8.4.c Q-Q Plot pH Pembanding

Q-Q Plot



Lampiran 8.5.a One way ANNOVA Viskositas Pembanding

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	12360.000	4	3090.000	3.175	0.063
Residuals	9733.333	10	973.333		

Note. Type III Sum of Squares

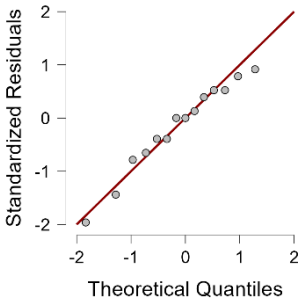
Lampiran 8.5.b Assumption Checks Viskositas Pembanding

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.556	4.000	10.000	0.104

Lampiran 8.5.c Q-Q Plot Viskositas Pembanding

Q-Q Plot



Lampiran 8.6.a One way ANNOVA Daya sebar Pembanding

ANOVA - daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.096	4	0.024	2.400	0.119
Residuals	0.100	10	0.010		

ANOVA - daya sebar

Cases	Sum of Squares	df	Mean Square	F	p

Note. Type III Sum of Squares

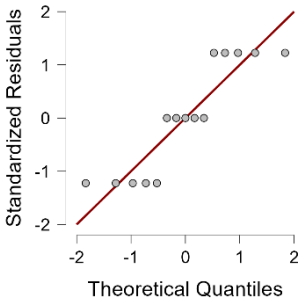
Lampiran 8.6.b Assumption Checks Daya Sebar Pembanding

Test for Equality of Variances (Levene's)

F	df1	df2	p
6.853e-29	4.000	10.000	1.000

Lampiran 8.6.c Q-Q Plot Daya Sebar

Q-Q Plot



Lampiran 8.7.a One way ANNOVA pH FB 1

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula (Waktu)	0.028	4	0.007	3.209	0.061
Residuals	0.022	10	0.002		

Note. Type III Sum of Squares

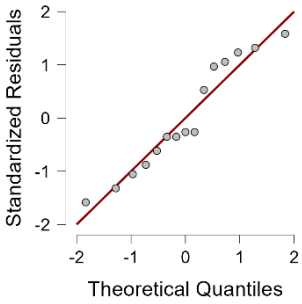
Lampiran 8.7.b Assumption Checks pH FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.330	4.000	10.000	0.852

Lampiran 8.7.c Q-Q Plot pH FB 2

Q-Q Plot



Lampiran 8.8.a One way ANNOVA Viskositas FB 1

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (Waktu)	21106.667	4	5276.667	1.836	0.199
Residuals	28733.333	10	2873.333		

Note. Type III Sum of Squares

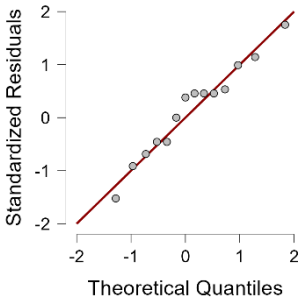
Lampiran 8.8.b Assumption Checks Viskositas FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.974	4.000	10.000	0.175

Lampiran 8.8.c Q-Q Plot Viskositas FB 1

Q-Q Plot



Lampiran 8.9.a One way ANNOVA Daya Sebar FB 1

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (Waktu)	0.084	4	0.021	2.100	0.156
Residuals	0.100	10	0.010		

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p

Note. Type III Sum of Squares

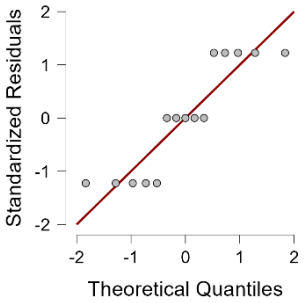
Lampiran 8.9.b Assumption Checks Daya Sebar FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
5.799e-30	4.000	10.000	1.000

Lampiran 8.9.c Q-Q Plot Daya Sebar FB 1

Q-Q Plot



Lampiran 8.10.a One way ANNOVA pH FB 3

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.091	4	0.023	32.414	< .001
Residuals	0.007	10	7.000e-4		

Note. Type III Sum of Squares

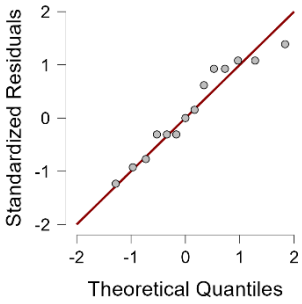
Lampiran 8.10.b Assumption Checks pH FB 3

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.121	4.000	10.000	0.153

Lampiran 8.10.c Q-Q Plot pH FB 3

Q-Q Plot



Lampiran 8.10.d Pos hoc Test pH FB 3

Link : https://drive.google.com/file/d/1Ta_ihDcELo0nbW2lESB35fJrkCatzHin/view?usp=sharing

Scan disini :

Lampiran 8.11.a One way ANNOVA Viskositas FB 3

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	439240.000	4	109810.000	242.228	< .001
Residuals	4533.333	10	453.333		

Note. Type III Sum of Squares

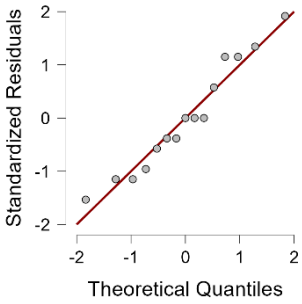
Lampiran 8.11.b Assumption Checks Viskositas FB 3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.829	4.000	10.000	0.536

Lampiran 8.11.c Q-Q Plot Viskositas FB 3

Q-Q Plot



Lampiran 8.11.d Pos hoc Test Viskositas FB 3 **(Link & Scan di lampiran 8.10.d)**

Lampiran 8.12.a One way ANNOVA Daya Sebar FB 3

ANOVA - daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.183	4	0.046	5.269	0.015
Residuals	0.087	10	0.009		

Note. Type III Sum of Squares

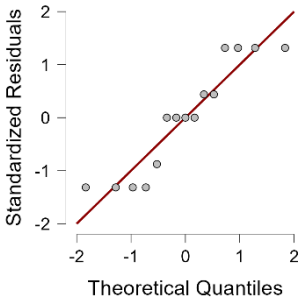
Lampiran 8.12.b Assumption Checks Daya Sebar FB 3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.108	4.000	10.000	0.977

Lampiran 8.12.c Q-Q Plot Daya Sebar FB 3

Q-Q Plot



Lampiran 8.12.d Pos hoc Test Daya Sebar FB 3 (Link & Scan di lampiran 8.10.d)

Lampiran 8.13.a One way ANNOVA pH FB 4

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.068	4	0.017	43.647	< .001
Residuals	0.004	10	3.867e-4		

Note. Type III Sum of Squares

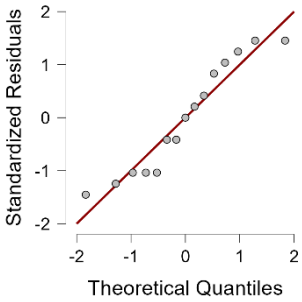
Lampiran 8.13.b Assumption Checks pH FB 4

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.151	4.000	10.000	0.958

Lampiran 8.13.c Q-Q Plot pH FB 4

Q-Q Plot



Lampiran 8.13.d Pos hoc Test pH FB 4 (Link & Scan di lampiran 8.10.d)

Lampiran 8.14.a One way ANNOVA Viskositas FB 4

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	146133.333	4	36533.333	50.741	< .001
Residuals	7200.000	10	720.000		

Note. Type III Sum of Squares

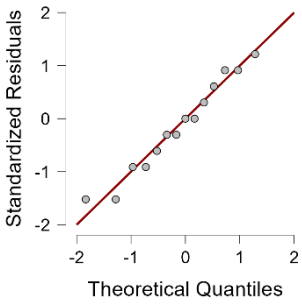
Lampiran 8.14.b Assumption Checks Viskositas FB 4

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.569	4.000	10.000	0.256

Lampiran 8.14.c Q-Q Plot Viskositas FB 4

Q-Q Plot



Lampiran 8.14.d Pos hoc Test Viskositas FB 4 **(Link & Scan di lampiran 8.10.d)**

Lampiran 8.15.a One way ANNOVA Daya Sebar FB 4

ANOVA - daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.420	4	0.105	10.500	0.001
Residuals	0.100	10	0.010		

Note. Type III Sum of Squares

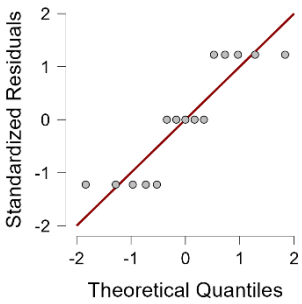
Lampiran 8.15.b Assumption Checks Daya Sebar FB 4

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.364e-28	4.000	10.000	1.000

Lampiran 8.15.c Q-Q Plot Daya Sebar FB 4

Q-Q Plot



Lampiran 8.15.d Pos hoc Test Daya Sebar FB 4 **(Link & Scan di lampiran 8.10.d)**

Lampiran 8.16.a One way ANNOVA pH FB 5

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.127	4	0.032	54.330	< .001
Residuals	0.006	10	5.867e-4		

Note. Type III Sum of Squares

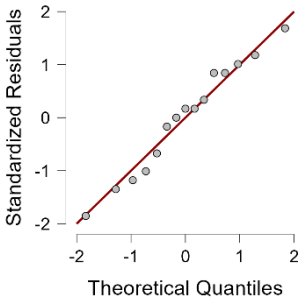
Lampiran 8.16.b Assumption Checks pH FB 5

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.525	4.000	10.000	0.720

Lampiran 8.16.c Q-Q Plot pH FB 5

Q-Q Plot



Lampiran 8.16.d Pos hoc Test pH FB 5 **(Link & Scan di lampiran 8.10.d)**

Lampiran 8.16.a One way ANNOVA Viskositas FB 5

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	94626.667	4	23656.667	52.963	< .001
Residuals	4466.667	10	446.667		

Note. Type III Sum of Squares

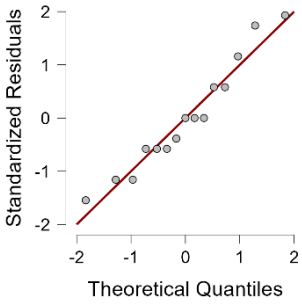
Lampiran 8.16.b Assumption Checks Viskositas FB 5

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.609	4.000	10.000	0.247

Lampiran 8.16.c Q-Q Plot Viskositas FB5

Q-Q Plot



Lampiran 8.16.d Pos hoc Test Viskositas FB 5 (Link & Scan di lampiran 8.10.d)

Lampiran 8.17.a One way ANNOVA Daya Sebar FB 5

ANOVA - daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.411	4	0.103	7.700	0.004
Residuals	0.133	10	0.013		

Note. Type III Sum of Squares

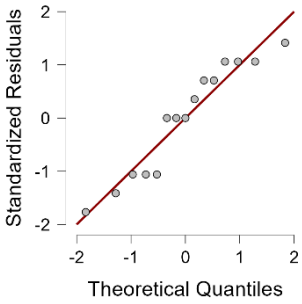
Lampiran 8.17.b Assumption Checks Daya Sebar FB 5

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.364	4.000	10.000	0.829

Lampiran 8.17.c Q-Q Plot Daya Sebar FB 5

Q-Q Plot



Lampiran 8.17.d Pos hoc Test Daya Sebar FB 5 (Link & Scan di lampiran 8.10.d)

Lampiran 8.18.a One way ANNOVA pH FB 6

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.018	4	0.005	8.638	0.003
Residuals	0.005	10	5.333e-4		

Note. Type III Sum of Squares

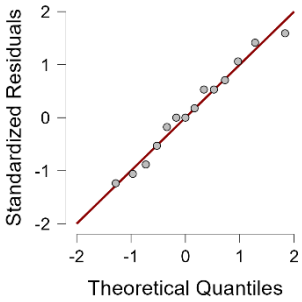
Lampiran 8.18.b Assumption Checks pH FB 6

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.427	4.000	10.000	0.295

Lampiran 8.18.c Q-Q Plot pH FB 6

Q-Q Plot



Lampiran 8.18.d Pos hoc Test pH FB 6 (Link & Scan di lampiran 8.10.d)

Lampiran 8.19.a One way ANNOVA Viskositas FB 6

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	127573.333	4	31893.333	30.667	< .001
Residuals	10400.000	10	1040.000		

Note. Type III Sum of Squares

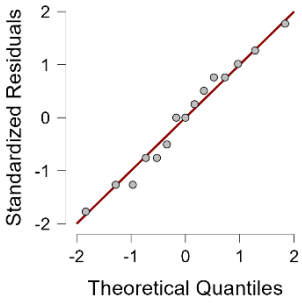
Lampiran 8.19.b Assumption Checks Viskositas FB 6

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.159	4.000	10.000	0.385

Lampiran 8.19.c Q-Q Plot Viskositas FB 6

Q-Q Plot



Lampiran 8.19.d Pos hoc Test Viskositas FB 6 **(Link & Scan di lampiran 8.10.d)**

Lampiran 8.20.a One way ANNOVA Daya Sebar FB 6

ANOVA - daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.387	4	0.097	7.632	0.004
Residuals	0.127	10	0.013		

Note. Type III Sum of Squares

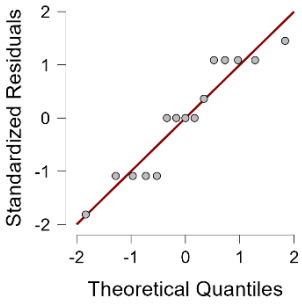
Lampiran 8.20.b Assumption Checks Daya Sebar FB 6

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.327	4.000	10.000	0.854

Lampiran 8.20.c Q-Q Plot Daya Sebar FB 6

Q-Q Plot



Lampiran 8.20.d Pos hoc Test Daya Sebar FB 6 **(Link & Scan di lampiran 8.10.d)**

Lampiran 12 Hasil Uji Statistik Lotion Soyghurt

Lampiran 9.1 Hasil statistik uji pH Lotion Soyghurt Antar Formula

Lampiran 9.1.a *One way* ANNOVA pH Lotion

ANOVA - PH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	21.100	24	0.879	351.297	< .001
Residuals	0.125	50	0.003		

Note. Type III Sum of Squares

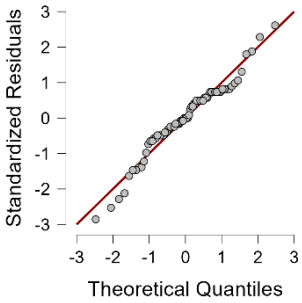
Lampiran 9.1.b *Assumption Checks* pH Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.205	24.000	50.000	0.009

Lampiran 9.1.c Q-Q Plot pH Lotion

Q-Q Plot



Lampiran 9.1.d *Pos hoc Test pH Lotion*

Link : https://drive.google.com/file/d/1xEIAXcbge2a62hniudhtqGz9q4F1Jh5j/view?usp=sharing

Scan disini

Lampiran 9.1.e Kruskal wallis

Kruskal-Wallis Test

Factor	Statistic	df	p
Formula	73.081	24	< .001

Lampiran 9.2 Hasil statistik uji viskositas Lotion Soyghurt Antar Formula

Lampiran 9.2.a *One way* ANNOVA viskositas Lotion

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	6.927e+8	24	2.886e+7	6937.751	< .001
Residuals	208000.000	50	4160.000		

Note. Type III Sum of Squares

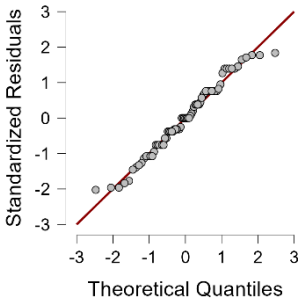
Lampiran 9.2.b Assumption Checks Viskositas Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.032	24.000	50.000	0.448

Lampiran 9.2.c Q-Q Plot Viskositas Lotion

Q-Q Plot



Lampiran 9.2.d *Pos hoc Test* viskositas Lotion (Link dan scan di lampiran 9.1.d)

Lampiran 9.3 Hasil statistik uji Daya Sebar Lotion Soyghurt Antar Formula

Lampiran 9.3.a One way ANNOVA Daya Sebar Lotion

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	15.815	24	0.659	40.182	< .001
Residuals	0.820	50	0.016		

Note. Type III Sum of Squares

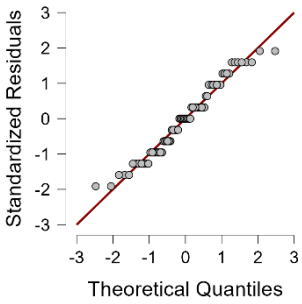
Lampiran 9.3.b Assumption Checks Daya Sebar Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.620	24.000	50.000	0.897

Lampiran 9.3.c Q-Q Plot Lotion

Q-Q Plot



Lampiran 9.3.d Pos hoc Test Daya sebar Lotion (Link dan scan di lampiran 9.1.d)

Lampiran 9.4 Hasil statistik Optimasi Basis Terhadap penyimpanan 28 Hari

Lampiran 9.4.a One way ANNOVA pH FB1

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.013	4	0.003	3.338	0.056
Residuals	0.010	10	9.667e-4		

Note. Type III Sum of Squares

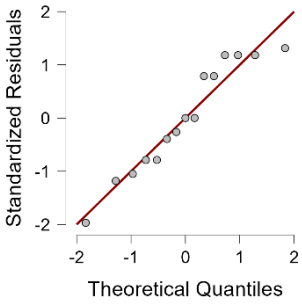
Lampiran 9.4.b Assumption Checks pH FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.826	4.000	10.000	0.538

Lampiran 9.4.c Q-Q Plot Ph FB 1

Q-Q Plot



Lampiran 9.5.a One way ANNOVA Viskositas FB 1

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	94026.667	4	23506.667	3.333	0.056
Residuals	70533.333	10	7053.333		

Note. Type III Sum of Squares

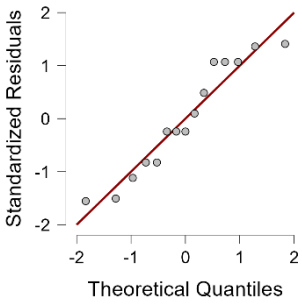
Lampiran 9.5.b Assumption Checks Viskositas FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.225	4.000	10.000	0.918

Lampiran 9.5.c Q-Q Plot Viskositas FB 1

Q-Q Plot



Lampiran 9.6.a One way ANNOVA Daya sebar FB 1

ANOVA - Daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.243	4	0.061	3.250	0.059
Residuals	0.187	10	0.019		

Note. Type III Sum of Squares

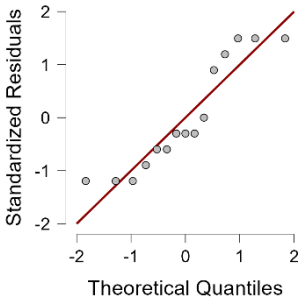
Lampiran 9.6.b Assumption Checks Daya Sebar FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.308	4.000	10.000	0.866

Lampiran 9.6.c Q-Q Plot Daya Sebar FB 1

Q-Q Plot



Lampiran 9.7.a One way ANNOVA pH F1 Lotion

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.030	4	0.008	3.253	0.059
Residuals	0.023	10	0.002		

Note. Type III Sum of Squares

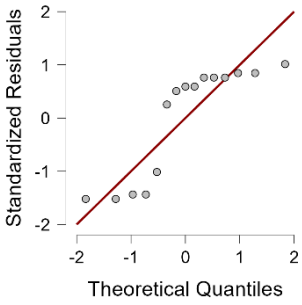
Lampiran 9.7.b Assumption Checks pH F1 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.307	4.000	10.000	0.867

Lampiran 9.7.c Q-Q Plot pH F1 Lotion

Q-Q Plot



Lampiran 9.8.a One way ANNOVA Viskositas F1 Lotion

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	21106.667	4	5276.667	1.836	0.199
Residuals	28733.333	10	2873.333		

Note. Type III Sum of Squares

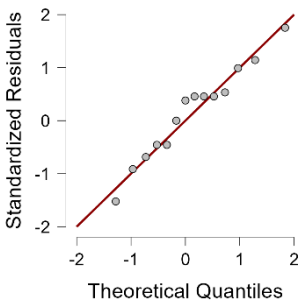
Lampiran 9.8.b Assumption Checks Viskositas F1 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.974	4.000	10.000	0.175

Lampiran 9.8.c Q-Q Plot Viskositas F1 Lotion

Q-Q Plot



Lampiran 9.9.a One way ANNOVA Daya Sebar F1 Lotion

ANOVA - Daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.349	4	0.087	2.911	0.078
Residuals	0.300	10	0.030		

Note. Type III Sum of Squares

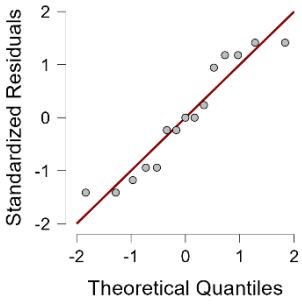
Lampiran 9.9.b Assumption Checks Daya Sebar F1 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.054	4.000	10.000	0.994

Lampiran 9.9.c Q-Q Plot Daya Sebar F1 Lotion

Q-Q Plot



Lampiran 9.10.a One way ANNOVA pH F2 Lotion

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.105	4	0.026	3.224	0.061
Residuals	0.082	10	0.008		

Note. Type III Sum of Squares

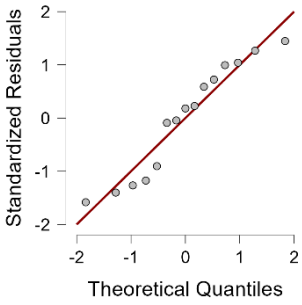
Lampiran 9.10.b Assumption Checks pH F2 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.247	4.000	10.000	0.905

Lampiran 9.10.c Q-Q Plot pH F2 Lotion

Q-Q Plot



Lampiran 9.11.a One way ANNOVA Viskositas F2 lotion

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	89106.667	4	22276.667	3.392	0.053
Residuals	65666.667	10	6566.667		

Note. Type III Sum of Squares

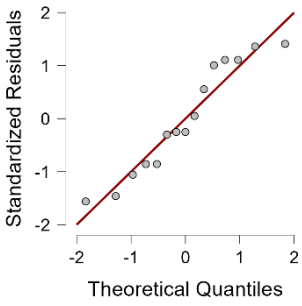
Lampiran 9.11.b Assumption Checks Viskositas F2 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.179	4.000	10.000	0.944

Lampiran 9.11.c Q-Q Plot Viskositas F2 Lotion

Q-Q Plot



Lampiran 9.12.a One way ANNOVA Daya Sebar F2 Lotion

ANOVA - Daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.111	4	0.028	2.594	0.101
Residuals	0.107	10	0.011		

Note. Type III Sum of Squares

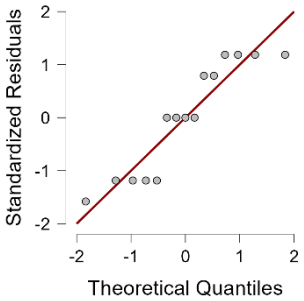
Lampiran 9.12.b Assumption Checks Daya Sebar F2 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.100	4.000	10.000	0.980

Lampiran 9.12.c Q-Q Plot Daya Sebar F2 Lotion

Q-Q Plot



Lampiran 9.13.a One way ANNOVA pH F3 Lotion

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.048	4	0.012	18.630	< .001
Residuals	0.006	10	6.400e-4		

Note. Type III Sum of Squares

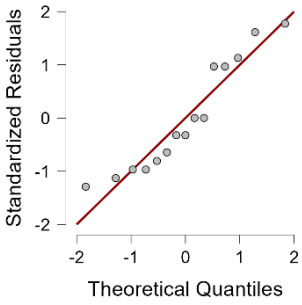
Lampiran 9.13.b Assumption Checks pH F3 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.611	4.000	10.000	0.664

Lampiran 9.13.c Q-Q Plot pH F3 Lotion

Q-Q Plot



Lampiran 9.13.d Pos hoc Test pH F3 Lotion

Link : https://drive.google.com/file/d/1V08HjeSM0j3SDBzFCNqm4g6oSZ_3qMcc/view?usp=sharing

Scan disini

Lampiran 9.14.a One way ANNOVA Viskositas F3 Lotion

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	3.213e+6	4	803160.000	495.778	< .001
Residuals	16200.000	10	1620.000		

Note. Type III Sum of Squares

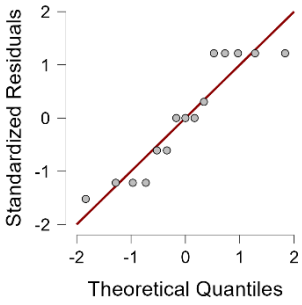
Lampiran 8.14.b Assumption Checks Viskositas F3 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.062	4.000	10.000	0.992

Lampiran 9.14.c Q-Q Plot Viskositas F3 Lotion

Q-Q Plot



Lampiran 9.14.d Pos hoc Test Viskositas F3 Lotion **(Link & scan pada lampiran 9.13.d)**

Lampiran 9.15.a One way ANNOVA Daya Sebar F3 Lotion

ANOVA - Daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.249	4	0.062	3.463	0.051
Residuals	0.180	10	0.018		

Note. Type III Sum of Squares

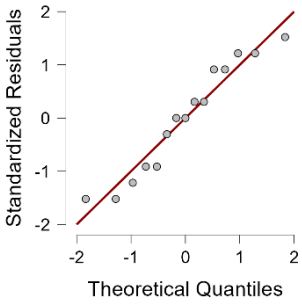
Lampiran 9.15.b Assumption Checks Daya Sebar F3 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.421	4.000	10.000	0.790

Lampiran 9.15.c Q-Q Plot Daya Sebar F3 Lotion

Q-Q Plot



Lampiran 9.15.d Pos hoc Test Daya Sebar F3 Lotion **(Link & scan pada lampiran 9.13.d)**

Lampiran 9.16.a One way ANNOVA pH F4 Lotion

ANOVA - Ph

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.650	4	0.163	386.960	< .001
Residuals	0.004	10	4.200e-4		

Note. Type III Sum of Squares

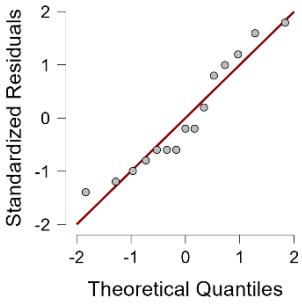
Lampiran 9.16.b Assumption Checks pH F4 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.629	4.000	10.000	0.653

Lampiran 9.16.c Q-Q Plot pH F4 Lotion

Q-Q Plot



Lampiran 9.16.d Pos hoc Test pH Lotion **(Link & scan pada lampiran 9.13.d)**

Lampiran 9.17.a One way ANNOVA Viskositas F4 Lotion

ANOVA - Viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	2.833e+6	4	708306.667	263.638	< .001
Residuals	26866.667	10	2686.667		

Note. Type III Sum of Squares

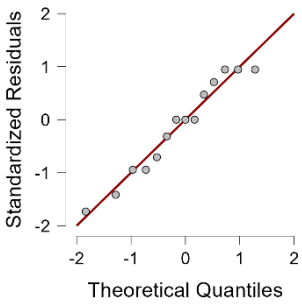
Lampiran 9.17.b Assumption Checks Viskositas F4 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.030	4.000	10.000	0.438

Lampiran 9.17.c Q-Q Plot Viskositas F4 Lotion

Q-Q Plot



Lampiran 9.17.d Pos hoc Test Viskositas F4 Lotion (Link & scan pada lampiran 9.13.d)

Lampiran 9.18.a One way ANNOVA Daya Sebar F4 Lotion

ANOVA - Daya sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula (waktu)	0.503	4	0.126	26.929	< .001
Residuals	0.047	10	0.005		

Note. Type III Sum of Squares

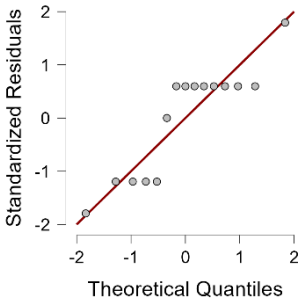
Lampiran 9.18.b Assumption Checks Daya Sebar F4 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.308	4.000	10.000	0.866

Lampiran 9.18.c Q-Q Plot Daya Sebar F4 lotion

Q-Q Plot



Lampiran 9.18.d Pos hoc Test Daya Sebar 4 lotion (Link & scan pada lampiran 9.13.d)

Lampiran 13 Hasil Uji Statistik Cycling Test Lotion Soyghurt

Lampiran 10.1 Hasil statistik uji pH Lotion Soyghurt Antar Formula

Lampiran 10.1.a *One way* ANNOVA pH Lotion

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	14.941	34	0.439	462.804	< .001
Residuals	0.066	70	9.495e-4		

Note. Type III Sum of Squares

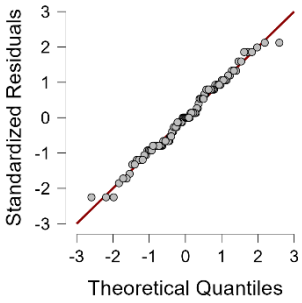
Lampiran 10.1.b *Assumption Checks* pH Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.000	34.000	70.000	0.486

Lampiran 10.1.c Q-Q Plot pH Lotion

Q-Q Plot



Lampiran 10.1.d *Pos hoc Test pH Lotion*

Link :

Scan disini

Lampiran 10.2 Hasil statistik uji viskositas Lotion Soyghurt Antar Formula

Lampiran 10.2.a *One way* ANNOVA viskositas Lotion

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	8.620e+8	34	2.535e+7	9641.654	< .001
Residuals	184066.667	70	2629.524		

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p

Note. Type III Sum of Squares

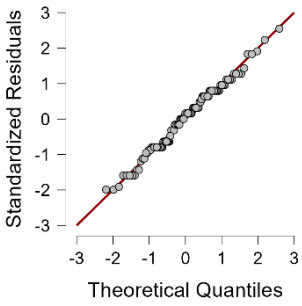
Lampiran 10.2.b Assumption Checks Viskositas Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.198	34.000	70.000	0.258

Lampiran 10.2.c Q-Q Plot Viskositas Lotion

Q-Q Plot



Lampiran 10.2.d *Pos hoc Test* viskositas Lotion (Link & scan pada lampiran 10.1.d)

Lampiran 10.3 Hasil statistik uji Daya Sebar Lotion Soyghurt Antar Formula

Lampiran 10.3.a One way ANNOVA Daya Sebar Lotion

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	29.181	34	0.858	53.962	< .001
Residuals	1.113	70	0.016		

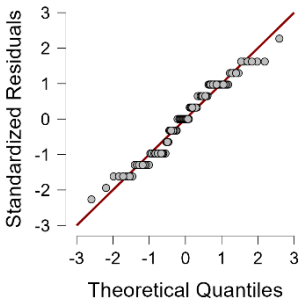
Note. Type III Sum of Squares

Lampiran 10.3.b Assumption Checks Daya Sebar Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.785	34.000	70.000	0.779

Lampiran 10.3.c Q-Q Plot Lotion



Lampiran 10.3.d Pos hoc Test Daya sebar Lotion (Link & scan pada lampiran 10.1.d)

Lampiran 10.4 Hasil statistik Optimasi Basis Terhadap penyimpanan 6 Siklus

Lampiran 10.4.a One way ANNOVA Daya sebar FB1

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	0.580	6	0.097	6.548	0.002
Residuals	0.207	14	0.015		

Note. Type III Sum of Squares

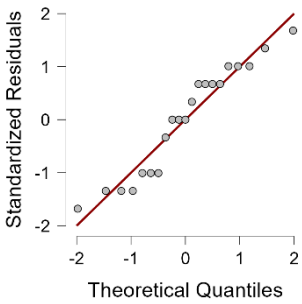
Lampiran 10.4.b Assumption Checks Daya Sebar FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.372	6.000	14.000	0.885

Lampiran 10.4.c Q-Q Plot Daya Sebar FB 1

Q-Q Plot



Lampiran 10.4.d Pos hoc Test Daya Sebar FB 1

Link : https://drive.google.com/file/d/111A6Y5VtD1P40PH_EFfTejilKX2aJjFz/view?usp=sharing

Scan disini :

Lampiran 10.5.a One way ANNOVA Viskositas FB 1

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	7.685e+6	6	1.281e+6	264.755	< .001
Residuals	67733.333	14	4838.095		

Note. Type III Sum of Squares

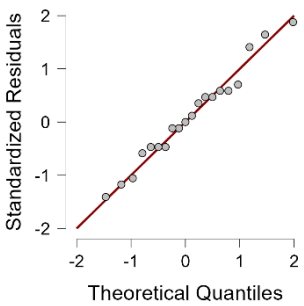
Lampiran 10.5.b Assumption Checks Viskositas FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.852	6.000	14.000	0.160

Lampiran 10.5.c Q-Q Plot Viskositas FB 1

Q-Q Plot



Lampiran 10.5.d Pos hoc Test Viskositas FB 1 (Link & Scan pada lampiran 10.4.d)

Lampiran 10.6.a One way ANNOVA pH FB 1

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	2.308	6	0.385	538.513	< .001
Residuals	0.010	14	7.143e-4		

Note. Type III Sum of Squares

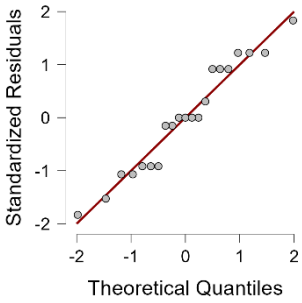
Lampiran 10.6.b Assumption Checks pH FB 1

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.383	6.000	14.000	0.878

Lampiran 10.6.c Q-Q Plot pH FB 1

Q-Q Plot



Lampiran 10.6.d Pos hoc Test pH FB 1

Lampiran 10.7.a One way ANNOVA pH F1 Lotion

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	1.295	6	0.216	204.119	< .001
Residuals	0.015	14	0.001		

Note. Type III Sum of Squares

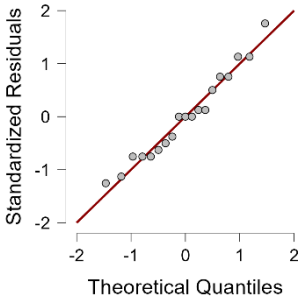
Lampiran 10.7.b Assumption Checks pH F1 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.114	6.000	14.000	0.403

Lampiran 10.7.c Q-Q Plot pH F1 Lotion

Q-Q Plot



Lampiran 10.7.d Pos hoc Test pH F1 Lotion (Link & scan pada lampiran 9.4.d)

Lampiran 10.8.a One way ANNOVA Viskositas F1 Lotion

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	6.765e+6	6	1.128e+6	771.295	< .001
Residuals	20466.667	14	1461.905		

Note. Type III Sum of Squares

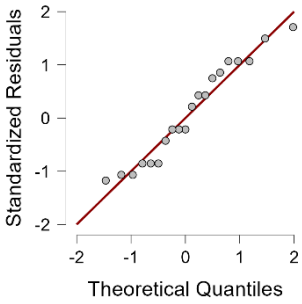
Lampiran 10.8.b Assumption Checks Viskositas F1 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.749	6.000	14.000	0.621

Lampiran 10.8.c Q-Q Plot Viskositas F1 Lotion

Q-Q Plot



Lampiran 10.8.d Pos hoc Test Viskositas F1 lotion (Link & scan pada lampiran 9.4.d)

Lampiran 10.9.a One way ANNOVA Daya Sebar F1 Lotion

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	1.852	6	0.309	14.407	< .001
Residuals	0.300	14	0.021		

Note. Type III Sum of Squares

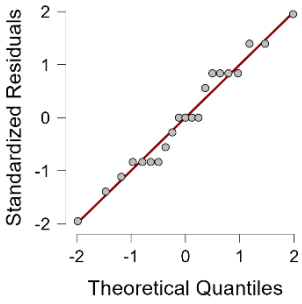
Lampiran 10.9.b Assumption Checks Daya Sebar F1 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.165	6.000	14.000	0.378

Lampiran 10.9.c Q-Q Plot Daya Sebar F1 Lotion

Q-Q Plot



Lampiran 10.9.d Pos hoc Test Daya Sebar F1 lotion (Link & scan pada lampiran 9.4.d)

Lampiran 10.10.a One way ANNOVA pH F2 Lotion

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	0.684	6	0.114	88.939	< .001
Residuals	0.018	14	0.001		

Note. Type III Sum of Squares

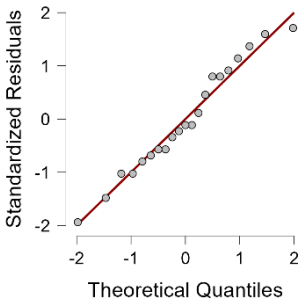
Lampiran 10.10.b Assumption Checks pH F2 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.312	6.000	14.000	0.315

Lampiran 10.10.c Q-Q Plot pH F2 Lotion

Q-Q Plot



Lampiran 10.10.d Pos hoc Test pH F2 lotion **(Link & scan pada lampiran 9.4.d)**

Lampiran 10.11.a One way ANNOVA Viskositas F2 lotion

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	9.117e+6	6	1.519e+6	478.389	< .001
Residuals	44466.667	14	3176.190		

Note. Type III Sum of Squares

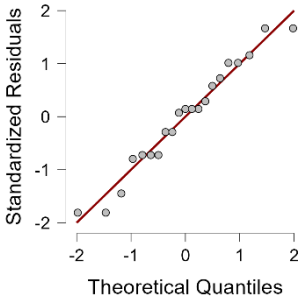
Lampiran 10.11.b Assumption Checks Viskositas F2 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.758	6.000	14.000	0.614

Lampiran 10.11.c Q-Q Plot Viskositas F2 Lotion

Q-Q Plot



Lampiran 10.11.d Pos hoc Test Viskositas F2 Lotion **(Link & scan pada lampiran 9.4.d)**

Lampiran 10.12.a One way ANNOVA Daya Sebar F2 Lotion

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	0.847	6	0.141	8.980	< .001
Residuals	0.220	14	0.016		

Note. Type III Sum of Squares

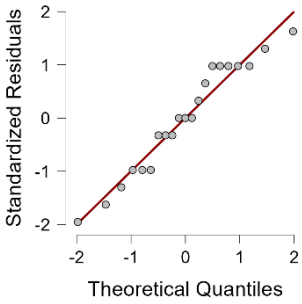
Lampiran 10.12.b Assumption Checks Daya Sebar F2 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.952	6.000	14.000	0.490

Lampiran 10.12.c Q-Q Plot Daya Sebar F2 Lotion

Q-Q Plot



Lampiran 10.12.d Pos hoc Test Daya Sebar F2 Lotion (Link & scan pada lampiran 9.4.d)

Lampiran 10.13.a One way ANNOVA pH F3 Lotion

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	0.289	6	0.048	58.420	< .001
Residuals	0.012	14	8.238e-4		

Note. Type III Sum of Squares

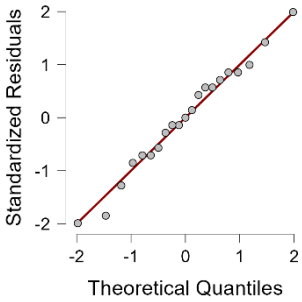
Lampiran 10.13.b Assumption Checks pH F3 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.283	6.000	14.000	0.326

Lampiran 10.13.c Q-Q Plot pH F3 Lotion

Q-Q Plot



Lampiran 10.13.d Pos hoc Test pH F3 Lotion (Link & scan pada lampiran 9.4.d)

Lampiran 10.14.a One way ANNOVA Viskositas F3 Lotion

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	5.731e+6	6	955242.857	529.290	< .001
Residuals	25266.667	14	1804.762		

Note. Type III Sum of Squares

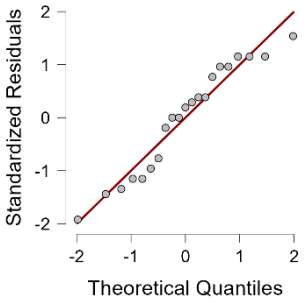
Lampiran 10.14.b Assumption Checks Viskositas F3 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.432	6.000	14.000	0.846

Lampiran 10.14.c Q-Q Plot Viskositas F3 Lotion

Q-Q Plot



Lampiran 10.14.d Pos hoc Test Viskositas F3 lotion **(Link & scan pada lampiran 9.4.d)**

Lampiran 10.15.a One way ANNOVA Daya Sebar F3 Lotion

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	0.979	6	0.163	10.708	< .001
Residuals	0.213	14	0.015		

Note. Type III Sum of Squares

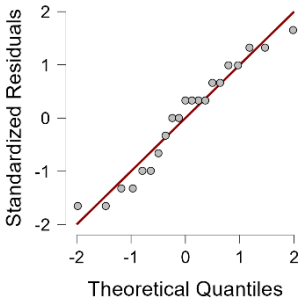
Lampiran 10.15.b Assumption Checks Daya Sebar F3 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.667	6.000	14.000	0.678

Lampiran 10.15.c Q-Q Plot Daya Sebar F3 Lotion

Q-Q Plot



Lampiran 10.15.d Pos hoc Test Daya Sebar F3 Lotion **(Link & scan pada lampiran 9.4.d)**

Lampiran 10.16.a One way ANNOVA pH F4 Lotion

ANOVA - pH

Cases	Sum of Squares	df	Mean Square	F	p
Formula	0.144	6	0.024	27.461	< .001
Residuals	0.012	14	8.714e-4		

Note. Type III Sum of Squares

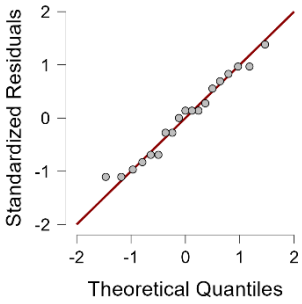
Lampiran 10.16.b Assumption Checks pH F4 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.078	6.000	14.000	0.421

Lampiran 10.16.c Q-Q Plot pH F4 Lotion

Q-Q Plot



Lampiran 10.16.d Pos hoc Test pH Lotin **(Link & scan pada lampiran 9.4.d)**

Lampiran 10.17.a One way ANNOVA Viskositas F4 Lotion

ANOVA - viskositas

Cases	Sum of Squares	df	Mean Square	F	p
Formula	7.509e+6	6	1.251e+6	670.425	< .001
Residuals	26133.333	14	1866.667		

Note. Type III Sum of Squares

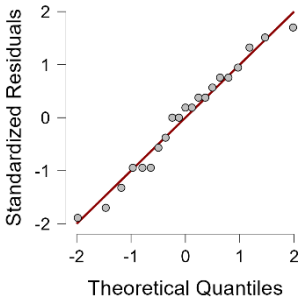
Lampiran 10.17.b Assumption Checks Viskositas F4 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.809	6.000	14.000	0.580

Lampiran 10.17.c Q-Q Plot Viskositas F4 Lotion

Q-Q Plot



Lampiran 10 .17.d Pos hoc Test Viskositas F4 Lotion (Link & scan pada lampiran 9.4.d)

Lampiran 10.18.a One way ANNOVA Daya Sebar F4 Lotion

ANOVA - Daya Sebar

Cases	Sum of Squares	df	Mean Square	F	p
Formula	1.305	6	0.217	17.564	< .001
Residuals	0.173	14	0.012		

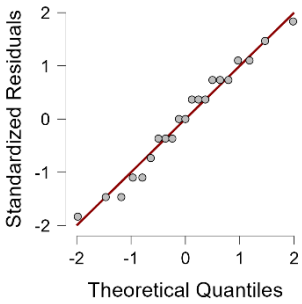
Note. Type III Sum of Squares

Lampiran 10.18.b Assumption Checks Daya Sebar F4 Lotion

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.907	6.000	14.000	0.518

Lampiran 10.18.c Q-Q Plot Daya Sebar F4 lotion



Lampiran 10.18.d Pos hoc Test Daya Sebar 4 lotion (Link & scan pada lampiran 9.4.d)

Lampiran bebas plagiasi

11181160 Kholifayul Khasana

ORIGINALITY REPORT

7%	7%	2%	4%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	hdl.handle.net Internet Source	2%
2	Submitted to Napier University Student Paper	1%
3	www.nzwine.com Internet Source	1%
4	Submitted to Universitas Mahasaraswati Denpasar Student Paper	1%
5	123dok.com Internet Source	1%
6	journal.uniga.ac.id Internet Source	1%
7	dspace.uii.ac.id Internet Source	1%
8	etd.repository.ugm.ac.id Internet Source	1%