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Lampiran 1. Hasil determinasi



UPT-LABORATORIUM

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

Nomor : 192/DET/UPT-LAB/21.03.2021
 Hal : Hasil determinasi tumbuhan
 Lamp. : -

Nama Pemesan : Ratih Haryanti
 NIM : 23175106A
 Alamat : Prodi S1 Farmasi, Universitas Setia Budi, Surakarta
 Nama Sampel : *Carica papaya* L.

HASIL DETERMINASI TUMBUHAN

Klasifikasi
 Kingdom : Plantae
 Super Divisi : Spermatophyta
 Divisi : Magnoliophyta
 Kelas : Magnoliopsida/Dicotyledoneae
 Ordo : Brassicales
 Famili : Caricaceae
 Genus : Carica
 Species : *Carica papaya* L.

Hasil Determinasi menurut Steenis, C.G.G.J.V, Bloembergen, H, Eyma, P.J. 1992 :
 1b – 2b – 3b – 4b – 6b – 7b – 9b – 10b – 11b – 12b – 13b – 14a – 15a.golongan 8 – 109b –
 119b – 120a – 121b – 124b – 125a – 126a. Familia 85. Caricaceae. 1. *Carica papaya* L.

Deskripsi:

- Habitus : Semak berbentuk pohon, tinggi lk 2-3 meter.
- Batang : Batang bulat silindris, lurus, percabangan monopodial, di atas bercabang, sebelah dalam berupa spons dan berongga, di luar terdapat tanda bekas daun yang banyak.
- Akar : Akar tunggang.
- Daun : Daun tunggal, berjejal pada ujung batang dan ujung cabang, tangkai daun bulat silindris, berongga, panjang 110-115 cm; helaian daun bulat telur, bertulang daun menjari, bercangap menjari berbagi menjari, ujung runcing, pangkal berbentuk jantung, garis tengah lk 98 cm, taju selalu berlekuk menyirip tidak beraturan.
- Bunga : Bunga berkelamin dua pada karangan bunga yang jantan, pada tandan yang serupa malai, kelopak sangat kecil, mahkota bentuk terompet, putih kekuningan dengan tepi yang bertaju 5 dan tabung yang panjang, langsing, taju terputar dalam kuncup, kepalasari bertangkai pendek dan duduk.
- Buah : Buah buni bulat telur memanjang, hijau kekuningan, berdaging dan berisi cairan.
- Biji : Biji hitam, bulat telur, banyak, dibungkus oleh selaput yang berisi cairan, di dalamnya berduri tempel, berjerawat.

Kepala UPT-LAB
Universitas Setia Budi



Asik Gunawan, Amdk

Surakarta, 21 Maret 2021
Penanggung jawab
Determinasi Tumbuhan

A handwritten signature in black ink, consisting of stylized initials and a surname.

Dra. Dewi Sulistyawati, M.Sc.

Lampiran 2. Hasil persentase rendemen bobot kering terhadap berat basah tanaman daun pepaya

No	Berat basah (g)	Berat kering (g)	Rendemen (%) b/b	LOD (%)
1	5000	1200	24	76

Perhitungan rendemen:

$$\text{Rendemen (\% b/b)} = \frac{\text{berat kering (g)}}{\text{berat basah (g)}} \times 100\%$$

$$\text{Rendemen (\% b/b)} = \frac{1200(g)}{5000(g)} \times 100\%$$

$$\text{Rendemen (\% b/b)} = 24\%$$

Perhitungan LOD (*Lost On Drying*)

$$\text{LOD(\%)} = \frac{\text{berat basah (g)} - \text{berat kering (g)}}{\text{berat basah (g)}} \times 100\%$$

$$\text{LOD(\%)} = \frac{5000(g) - 1200(g)}{5000(g)} \times 100\%$$

$$\text{LOD \%} = 76\%$$

1. Rendemen pembuatan ekstrak etanol daun pepaya

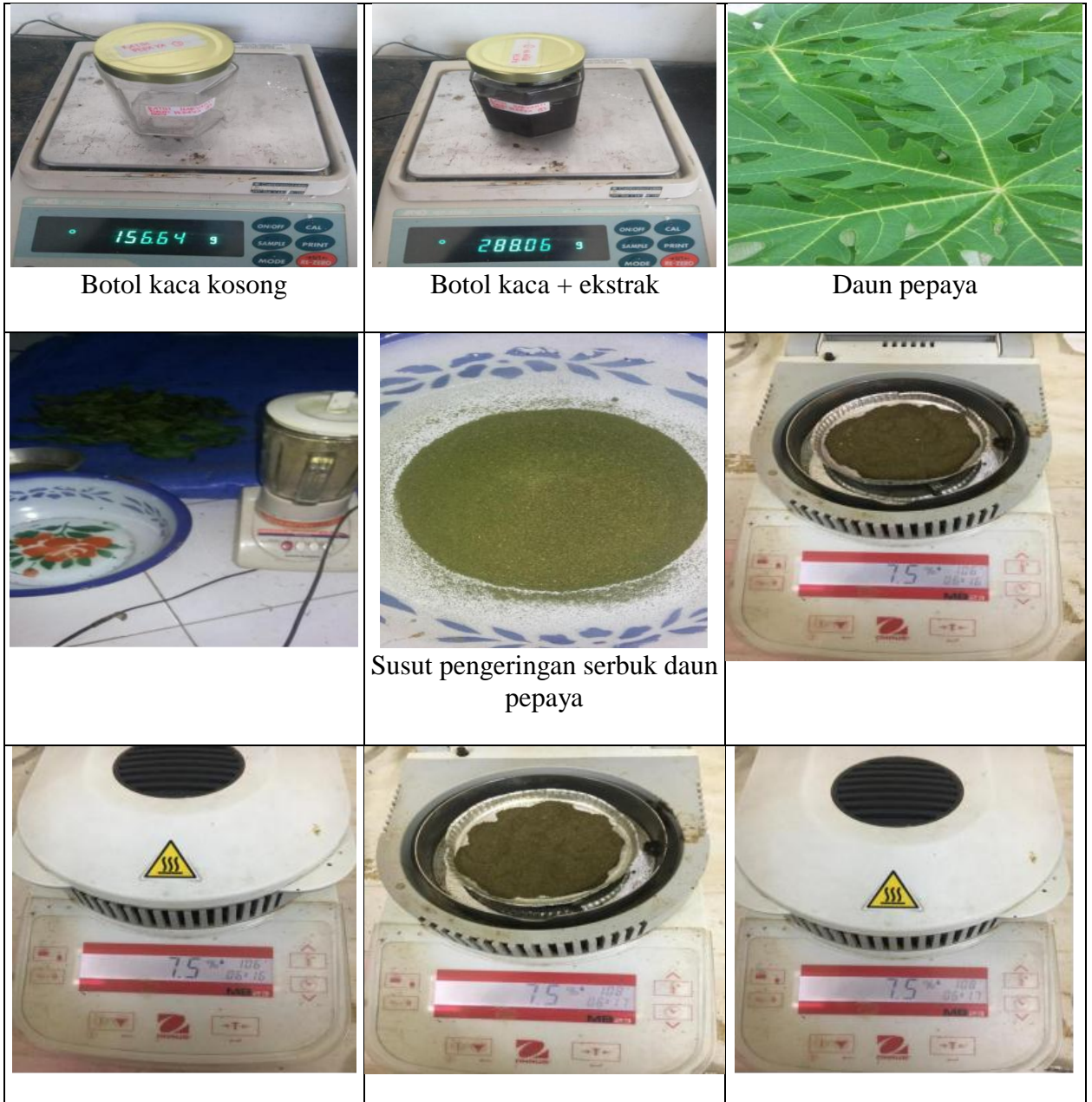
No	Serbuk daun pepaya (g)	Ekstrak kental (g)	Rendemen (%)
1	750	131,42	17,52

Perhitungan:

$$\text{Kadar} = \frac{\text{bobot ekstrak kental}}{\text{bobot serbuk}} \times 100\%$$

$$\text{Kadar} = \frac{131,42}{750} \times 100\%$$

$$\text{Kadar} = 17,52\%$$

Lampiran 3. Foto alat dan bahan



Lampiran 4. Hasil identifikasi senyawa**Flavonoid****Saponin****Tannin**

Lampiran 5. Gambar penyembuhan luka bakar pada kelinci



Gambar hari ke 1



Gambar hari ke 7



Gambar hari ke 14



Gambar hari ke 21

Lampiran 6. Data uji daya sebar dan uji statistik daya sebar

1. Daya sebar hari ke 1

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
kontrol negatif	1	4	4,5	4,9	5,3
	2	4,3	4,8	5,2	5,5
	3	4,2	4,7	5,1	5,3
	4	4,1	4,7	4,9	5,2
rata-rata		4,15	4,675	5,025	5,325
SD					

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 5%	1	4,2	4,4	4,8	5,1
	2	4,4	4,8	5,1	5,3
	3	4,1	4,4	4,7	5
	4	4,3	4,7	5	5,2
rata-rata		4,25	4,575	4,9	5,15
SD					

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 10%	1	4,1	4,5	4,9	5,3
	2	4	4,4	4,8	5,2
	3	4,2	4,6	5	5,4
	4	3,9	4,3	4,6	5
rata-rata		4,05	4,45	4,825	5,225
SD					

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 15%	1	3,1	3,4	3,7	4
	2	3,6	3,9	4,2	4,5
	3	3,4	3,6	3,9	4,2
	4	3	3,3	3,6	3,9
rata-rata		3,275	3,55	3,85	4,15
SD					

2. Uji daya sebar hari ke 7

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
kontrol negatif	1	4,2	4,5	4,8	5,1
	2	4,6	4,9	5,2	5,5
	3	4,3	4,6	4,9	5,2
	4	4,5	4,8	5,1	5,4
rata-rata		4,4	4,7	5	5,3
SD		0,18	0,18	0,18	0,18

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 5%	1	4,3	4,7	5,1	5,5
	2	4,1	4,5	4,9	5,3
	3	4,2	4,6	5	5,4
	4	4	4,4	4,8	5,2
rata-rata		4,15	4,55	4,95	5,35
SD		0,13	0,13	0,13	0,13

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 10%	1	3,9	4,3	4,6	5
	2	4	4,4	4,8	5,2
	3	4,1	4,5	4,9	5,3
	4	4	4,4	4,8	5,2
rata-rata		4,00	4,40	4,78	5,18
SD		0,08	0,08	0,13	0,13

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 15%	1	3,8	4	4,3	4,6
	2	3,7	3,9	4,2	4,5
	3	3,5	3,7	4	4,3
	4	3,4	3,6	3,9	4,2
rata-rata		3,6	3,8	4,1	4,4
SD		0,18	0,18	0,18	0,18

3. Uji daya sebar hari ke 14

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
kontrol negatif	1	4,5	4,8	5,1	5,4
	2	4,4	4,7	5	5,3
	3	4,6	4,9	5,2	5,5
	4	4,3	4,6	4,9	5,2
rata-rata		4,45	4,75	5,05	5,35
SD		0,13	0,13	0,13	0,13

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 5%	1	4	4,4	4,8	5,2
	2	4,2	4,6	5	5,4
	3	4,1	4,5	4,9	5,3
	4	4,3	4,7	5,1	5,5
rata-rata		4,15	4,55	4,95	5,35
SD		0,13	0,13	0,13	0,13

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 10%	1	4,3	4,5	4,7	5
	2	4,2	4,7	4,9	5,2
	3	4,2	4,5	4,8	5,3
	4	3,9	4,4	4,6	4,8
rata-rata		4,15	4,53	4,75	5,08
SD		0,17	0,13	0,13	0,22

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 15%	1	3,8	4,2	4,4	4,7
	2	3,9	4,4	4,7	4,9
	3	3,8	4,1	4,3	4,5
	4	3,7	4	4,2	4,6
rata-rata		3,8	4,2	4,4	4,7
SD		0,08	0,17	0,22	0,17

4. Uji daya sebar hari ke 21

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
kontrol negatif	1	4,7	5	5,4	5,8
	2	4,5	4,8	5,2	5,6
	3	4,3	4,5	4,9	5,2
	4	4,8	5,1	5,5	5,9
rata-rata		4,58	4,85	5,25	5,63
SD		0,22	0,26	0,26	0,31

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 5%	1	4,1	4,4	4,7	5,1
	2	4	4,3	4,6	5
	3	4,4	4,7	5	5,4
	4	4,3	4,6	4,9	5,3
rata-rata		4,2	4,5	4,8	5,2
SD		0,18	0,18	0,18	0,18

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 10%	1	3,8	4,2	4,6	5
	2	4	4,4	4,8	5,2
	3	4,1	4,5	4,9	5,3
	4	4,2	4,6	5	5,4
rata-rata		4,03	4,43	4,83	5,23
SD		0,17	0,17	0,17	0,17

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 15%	1	3,4	3,7	3,9	4,2
	2	3,6	3,9	4,2	4,5
	3	3,5	3,8	4,1	4,4
	4	3,7	4	4,3	4,6
rata-rata		3,55	3,85	4,13	4,43
SD		0,13	0,13	0,17	0,17

5. Uji daya sebar hari ke 28

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
kontrol negatif	1	4,7	5	5,3	5,6
	2	4,5	4,8	5,1	5,4
	3	4,4	4,7	5	5,3
	4	4,6	4,8	5,1	5,4
rata-rata		4,55	4,825	5,125	5,425
SD					

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 5%	1	4,2	4,5	4,9	5,3
	2	4,4	4,7	5,1	5,5
	3	4	4,3	4,7	5,2
	4	4,3	4,6	5	5,4
rata-rata		4,225	4,525	4,925	5,35
SD					

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 10%	1	4,3	4,6	5	5,4
	2	4,4	4,7	5,1	5,5
	3	3,9			
	4	4	4,6	5	5,4
rata-rata					
SD					

sediaan	nomor	tanpa beban	beban 50	beban 100	beban 150
ekstrak 15%	1	3,4	3,7	4	4,3
	2	3,2	3,5	3,8	4,1
	3	3,6	3,9	4,2	4,5
	4	3,5	3,8	4,1	4,4
rata-rata		3,425	3,725	4,025	4,325
SD					

Uji Statistik

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		16
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	,31190276
	Absolute	,125
Most Extreme Differences	Positive	,125
	Negative	-,111
Kolmogorov-Smirnov Z		,498
Asymp. Sig. (2-tailed)		,965

a. Test distribution is Normal.

b. Calculated from data.

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
ujidayasebarharike1	1,196	3	12	,353
ujidayasebarharike7	1,107	3	12	,384
ujidayasebarharike14	,857	3	12	,490
ujidayasebarharike21	,741	3	12	,548
ujidayasebarharike28	,218	3	12	,882

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
ujidayasebarharike1	Between Groups	3,583	3	1,194	36,278	,000
	Within Groups	,395	12	,033		
	Total	3,978	15			
ujidayasebarharike7	Between Groups	2,362	3	,787	31,756	,000
	Within Groups	,298	12	,025		
	Total	2,659	15			
ujidayasebarharike14	Between Groups	1,223	3	,408	14,597	,000
	Within Groups	,335	12	,028		
	Total	1,558	15			
ujidayasebarharike21	Between Groups	3,022	3	1,007	21,489	,000
	Within Groups	,563	12	,047		
	Total	3,584	15			
ujidayasebarharike28	Between Groups	3,372	3	1,124	58,011	,000
	Within Groups	,233	12	,019		
	Total	3,604	15			

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) formula	(J) formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
ujidayasebarharike 1	kontrol negatif	formula 1	,17500	,12829	,543	-,2059	,5559
		formula 2	,10000	,12829	,862	-,2809	,4809
		formula 3	1,17500*	,12829	,000	,7941	1,5559
	formula 1	kontrol negatif	-,17500	,12829	,543	-,5559	,2059
		formula 2	-,07500	,12829	,935	-,4559	,3059
		formula 3	1,00000*	,12829	,000	,6191	1,3809
	formula 2	kontrol negatif	-,10000	,12829	,862	-,4809	,2809
		formula 1	,07500	,12829	,935	-,3059	,4559
		formula 3	1,07500*	,12829	,000	,6941	1,4559
	formula 3	kontrol negatif	-1,17500*	,12829	,000	-1,5559	-,7941
		formula 1	-1,00000*	,12829	,000	-1,3809	-,6191
		formula 2	-1,07500*	,12829	,000	-1,4559	-,6941
ujidayasebarharike 7	kontrol negatif	formula 1	-,05000	,11134	,969	-,3805	,2805
		formula 2	,12500	,11134	,683	-,2055	,4555
		formula 3	,90000*	,11134	,000	,5695	1,2305
	formula 1	kontrol negatif	,05000	,11134	,969	-,2805	,3805
		formula 2	,17500	,11134	,429	-,1555	,5055
		formula 3	,95000*	,11134	,000	,6195	1,2805
	formula 2	kontrol negatif	-,12500	,11134	,683	-,4555	,2055
		formula 1	-,17500	,11134	,429	-,5055	,1555
		formula 3	,77500*	,11134	,000	,4445	1,1055
	formula 3	kontrol negatif	-,90000*	,11134	,000	-1,2305	-,5695
		formula 1	-,95000*	,11134	,000	-1,2805	-,6195
		formula 2	-,77500*	,11134	,000	-1,1055	-,4445
ujidayasebarharike 14	kontrol negatif	formula 1	,00000	,11815	1,000	-,3508	,3508
		formula 2	,27500	,11815	,146	-,0758	,6258
		formula 3	,67500*	,11815	,000	,3242	1,0258
	formula 1	kontrol negatif	,00000	,11815	1,000	-,3508	,3508

ujidayasebarharike 21	formula 2	,27500	,11815	,146	-,0758	,6258	
	formula 3	,67500*	,11815	,000	,3242	1,0258	
	kontrol negatif	-,27500	,11815	,146	-,6258	,0758	
	formula 2	formula 1	-,27500	,11815	,146	-,6258	,0758
	formula 3	,40000*	,11815	,024	,0492	,7508	
	kontrol negatif	-,67500*	,11815	,000	-1,0258	-,3242	
	formula 3	formula 1	-,67500*	,11815	,000	-1,0258	-,3242
	formula 2	-,40000*	,11815	,024	-,7508	-,0492	
	kontrol negatif	formula 1	,42500	,15309	,070	-,0295	,8795
	formula 2	,40000	,15309	,092	-,0545	,8545	
	formula 3	1,20000*	,15309	,000	,7455	1,6545	
	kontrol negatif	-,42500	,15309	,070	-,8795	,0295	
	formula 1	formula 2	-,02500	,15309	,998	-,4795	,4295
	formula 3	,77500*	,15309	,001	,3205	1,2295	
	kontrol negatif	-,40000	,15309	,092	-,8545	,0545	
	formula 2	formula 1	,02500	,15309	,998	-,4295	,4795
	formula 3	,80000*	,15309	,001	,3455	1,2545	
	kontrol negatif	-1,20000*	,15309	,000	-1,6545	-,7455	
	formula 3	formula 1	-,77500*	,15309	,001	-1,2295	-,3205
	formula 2	-,80000*	,15309	,001	-1,2545	-,3455	
	kontrol negatif	formula 1	,07500	,09843	,870	-,2172	,3672
formula 2	,05000	,09843	,956	-,2422	,3422		
formula 3	1,10000*	,09843	,000	,8078	1,3922		
kontrol negatif	-,07500	,09843	,870	-,3672	,2172		
formula 1	formula 2	-,02500	,09843	,994	-,3172	,2672	
formula 3	1,02500*	,09843	,000	,7328	1,3172		
kontrol negatif	-,05000	,09843	,956	-,3422	,2422		
formula 2	formula 1	,02500	,09843	,994	-,2672	,3172	
formula 3	1,05000*	,09843	,000	,7578	1,3422		
kontrol negatif	-1,10000*	,09843	,000	-1,3922	-,8078		
formula 3	formula 1	-1,02500*	,09843	,000	-1,3172	-,7328	
formula 2	-1,05000*	,09843	,000	-1,3422	-,7578		

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

ujidayasebarharike1Tukey HSD^a

formula	N	Subset for alpha = 0.05	
		1	2
formula 3	4	4,1500	
formula 1	4		5,1500
formula 2	4		5,2250
kontrol negatif	4		5,3250
Sig.		1,000	,543

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

ujidayasebarharike7Tukey HSD^a

formula	N	Subset for alpha = 0.05	
		1	2
formula 3	4	4,4000	
formula 2	4		5,1750
kontrol negatif	4		5,3000
formula 1	4		5,3500
sig		1,000	,429

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

ujidayasebarharike14Tukey HSD^a

formula	N	Subset for alpha = 0.05	
		1	2
formula 3	4	4,6750	
formula 2	4		5,0750
kontrol negatif	4		5,3500
formula 1	4		5,3500
Sig.		1,000	,146

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

ujidayasebarharike21

Tukey HSD^a

formula	N	Subset for alpha = 0.05	
		1	2
formula 3	4	4,4250	
formula 1	4		5,2000
formula 2	4		5,2250
kontrol negatif	4		5,6250
Sig.		1,000	,070

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

ujidayasebarharike28

Tukey HSD^a

formula	N	Subset for alpha = 0.05	
		1	2
formula 3	4	4,3250	
formula 1	4		5,3500
formula 2	4		5,3750
kontrol negatif	4		5,4250
Sig.		1,000	,870

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

Lampiran 7. Data daya lekat dan uji statistik daya lekat

Kontrol negatif

waktu	uji daya lekat			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	1,44	1,38	1,45	1,42	0,04
hari ke 7	1,53	1,74	1,59	1,62	0,11
hari ke 14	1,63	1,81	1,36	1,60	0,23
hari ke 21	1,42	1,77	1,55	1,58	0,18
hari ke 28	1,47	1,54	1,75	1,59	0,15

Formula 1

waktu	uji daya lekat			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	2,11	2,03	2,14	2,09	0,06
hari ke 7	2,15	2,23	2,25	2,21	0,05
hari ke 14	2,08	2,17	2,28	2,18	0,10
hari ke 21	2,18	2,05	2,3	2,18	0,13
hari ke 28	2,29	2,07	2,24	2,20	0,12

Formula II

waktu	uji daya lekat			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	2,51	2,48	2,34	2,44	0,09
hari ke 7	2,66	2,71	2,78	2,72	0,06
hari ke 14	2,69	2,77	2,78	2,75	0,05
hari ke 21	2,35	2,43	2,59	2,46	0,12
hari ke 28	2,74	2,81	2,49	2,68	0,17

Formula III

waktu	uji daya lekat			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	3,19	3,32	3,24	3,25	0,07
hari ke 7	3,14	3,05	3,03	3,07	0,06
hari ke 14	3,18	3,06	3,15	3,13	0,06
hari ke 21	3,23	3,17	3,25	3,22	0,04
hari ke 28	3,34	3,45	3,47	3,42	0,07

Uji statistik

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		12
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	,12457443
	Absolute	,140
Most Extreme Differences	Positive	,091
	Negative	-,140
Kolmogorov-Smirnov Z		,486
Asymp. Sig. (2-tailed)		,972

a. Test distribution is Normal.

b. Calculated from data.

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
ujidayalekathari1	1,149	3	8	,387
ujidayalekathari7	,990	3	8	,445
ujidayalekathari14	2,247	3	8	,160
ujidayalekathari21	1,194	3	8	,372
ujidayalekathari28	1,158	3	8	,384

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
ujidayalekathari1	Between Groups	5,203	3	1,734	403,320	,000
	Within Groups	,034	8	,004		
	Total	5,237	11			
ujidayalekathari7	Between Groups	3,454	3	1,151	173,348	,000
	Within Groups	,053	8	,007		
	Total	3,507	11			
ujidayalekathari14	Between Groups	4,027	3	1,342	79,344	,000
	Within Groups	,135	8	,017		
	Total	4,162	11			
ujidayalekathari21	Between Groups	4,156	3	1,385	87,120	,000
	Within Groups	,127	8	,016		
	Total	4,283	11			
ujidayalekathari28	Between Groups	5,399	3	1,800	106,285	,000
	Within Groups	,135	8	,017		
	Total	5,535	11			

ujidayalekathari1Tukey HSD^a

formula	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	3	1,4233			
formula 1	3		2,0933		
formula 2	3			2,4433	
formula 3	3				3,2500
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.

ujidayalekathari7Tukey HSD^a

formula	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	3	1,6200			
formula 1	3		2,2100		
formula 2	3			2,6333	
formula 3	3				3,0733
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.

ujidayalekathari14Tukey HSD^a

formula	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	3	1,6000			
formula 1	3		2,1767		
formula 2	3			2,7467	
formula 3	3				3,1300
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.

ujidayalekathari21Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	1,5800		
formula 1	3		2,1767	
formula 2	3		2,4567	
formula 3	3			3,2167
Sig.		1,000	,099	1,000

Means for groups in homogeneous subsets are displayed.

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

ujidayalekathari28Tukey HSD^a

formula	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	3	1,5867			
formula 1	3		2,2000		
formula 2	3			2,6800	
formula 3	3				3,4200
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.



Lampiran 8. Data uji pH dan statistik uji pH

Kontrol negaif

waktu	uji PH			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	5,2	5,28	5,31	5,26	0,06
hari ke 7	5,21	5,3	5,35	5,29	0,07
hari ke 14	5,2	5,33	5,35	5,29	0,08
hari ke 21	5,25	5,33	5,35	5,31	0,05
hari ke 28	5,28	5,31	5,35	5,31	0,04

Formula I

waktu	uji PH			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	5,3	5,35	5,41	5,35	0,06
hari ke 7	5,35	5,45	5,5	5,43	0,08
hari ke 14	5,3	5,35	5,45	5,37	0,08
hari ke 21	5,35	5,4	5,35	5,37	0,03
hari ke 28	5,3	5,45	5,55	5,43	0,13

Formula II

waktu	uji PH			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	5,47	5,55	5,65	5,56	0,09
hari ke 7	5,55	5,63	5,65	5,61	0,05
hari ke 14	5,45	5,55	5,53	5,51	0,05
hari ke 21	5,4	5,45	5,55	5,47	0,08
hari ke 28	5,45	5,55	5,65	5,55	0,10

Formula III

waktu	uji PH			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	6,15	6,23	6,3	6,23	0,08
hari ke 7	6,2	6,333	6,5	6,34	0,15
hari ke 14	6,33	6,5	6,52	6,45	0,10
hari ke 21	6,25	6,33	6,35	6,31	0,05
hari ke 28	6,15	6,35	6,5	6,33	0,18

Uji statistik

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		12
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	,21598471
Most Extreme Differences	Absolute	,113
	Positive	,113
	Negative	-,113
Kolmogorov-Smirnov Z		,391
Asymp. Sig. (2-tailed)		,998

a. Test distribution is Normal.

b. Calculated from data.

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
ujiphhari1	,254	3	8	,856
ujiphhari7	1,087	3	8	,408
ujiphhari14	,883	3	8	,490
ujiphhari21	1,018	3	8	,434
ujiphhari28	1,256	3	8	,353

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
ujiphhari1	Between Groups	1,706	3	,569	113,566	,000
	Within Groups	,040	8	,005		
	Total	1,746	11			
ujiphhari7	Between Groups	1,980	3	,660	72,719	,000
	Within Groups	,073	8	,009		
	Total	2,052	11			
ujiphhari14	Between Groups	2,601	3	,867	132,533	,000
	Within Groups	,052	8	,007		
	Total	2,653	11			
ujiphhari21	Between Groups	1,890	3	,630	113,202	,000
	Within Groups	,045	8	,006		
	Total	1,935	11			
ujiphhari28	Between Groups	1,911	3	,637	44,007	,000
	Within Groups	,116	8	,014		
	Total	2,027	11			

ujiphhari1Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	5,2633		
formula 1	3	5,3533		
formula 2	3		5,5567	
formula 3	3			6,2267
Sig.		,451	1,000	1,000

Means for groups in homogeneous subsets are displayed.

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

ujiphhari7Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	5,2867		
formula 1	3	5,4333	5,4333	
formula 2	3		5,6100	
formula 3	3			6,3433
Sig.		,305	,184	1,000

Means for groups in homogeneous subsets are displayed.

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

ujiphhari14Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	5,2933		
formula 1	3	5,3667	5,3667	
formula 2	3		5,5100	
formula 3	3			6,4500
Sig.		,694	,211	1,000

Means for groups in homogeneous subsets are displayed.

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

ujiphhari21

Tukey HSD^a

formula	N	Subset for alpha = 0.05	
		1	2
kontrol negatif	3	5,3100	
formula 1	3	5,4333	
formula 2	3	5,4667	
formula 3	3		6,3100
Sig.		,122	1,000

Means for groups in homogeneous subsets are displayed.

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

ujiphhari28

Tukey HSD^a

formula	N	Subset for alpha = 0.05	
		1	2
kontrol negatif	3	5,3133	
formula 1	3	5,4333	
formula 2	3	5,5500	
formula 3	3		6,3333
Sig.		,152	1,000

Means for groups in homogeneous subsets are displayed.

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

Lampiran 9. Data uji viskositas dan statistik uji viskositas

Kontrol negatif

waktu	uji viskositas			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	210	230	240	227	15,28
hari ke 7	240	210	230	227	15,28
hari ke 14	230	220	240	230	10,00
hari ke 21	240	220	230	230	10,00
hari ke 28	240	230	220	230	10,00

Formula I

waktu	uji viskositas			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	240	250	250	247	5,77
hari ke 7	250	260	240	250	10,00
hari ke 14	240	250	230	240	10,00
hari ke 21	260	250	240	250	10,00
hari ke 28	260	250	240	250	10,00

Formula II

waktu	uji viskositas			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	290	280	270	280	10,00
hari ke 7	280	270	300	283	15,28
hari ke 14	270	290	280	280	10,00
hari ke 21	270	280	300	283	15,28
hari ke 28	280	290	270	280	10,00

Formula III

waktu	uji viskositas			rata-rata	± SD
	replikasi 1	replikasi 2	replikasi 3		
hari ke 1	300	310	320	310	10,00
hari ke 7	310	350	340	333	20,82
hari ke 14	310	300	340	317	20,82
hari ke 21	340	350	330	340	10,00
hari ke 28	330	310	340	327	15,28

Uji statistik**One-Sample Kolmogorov-Smirnov Test**

		Unstandardized Residual
N		12
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	12,08555361
	Absolute	,119
Most Extreme Differences	Positive	,119
	Negative	-,078
Kolmogorov-Smirnov Z		,413
Asymp. Sig. (2-tailed)		,996

a. Test distribution is Normal.

b. Calculated from data.

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
ujiviskositashari1	,400	3	8	,757
ujiviskositashari7	,790	3	8	,533
ujiviskositashari14	1,391	3	8	,314
ujiviskositashari21	,000	3	8	1,000
ujiviskositashari28	,400	3	8	,757

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
ujiviskositashari1	Between Groups	11800,000	3	3933,333	29,500	,000
	Within Groups	1066,667	8	133,333		
	Total	12866,667	11			
ujiviskositashari7	Between Groups	19266,667	3	6422,222	25,689	,000
	Within Groups	2000,000	8	250,000		
	Total	21266,667	11			
ujiviskositashari14	Between Groups	14200,000	3	4733,333	25,818	,000
	Within Groups	1466,667	8	183,333		
	Total	15666,667	11			
ujiviskositashari21	Between Groups	20700,000	3	6900,000	69,000	,000
	Within Groups	800,000	8	100,000		
	Total	21500,000	11			
ujiviskositashari28	Between Groups	15900,000	3	5300,000	39,750	,000
	Within Groups	1066,667	8	133,333		
	Total	16966,667	11			

ujiviskositashari1Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	226,6667		
formula 1	3	250,0000	250,0000	
formula 2	3		280,0000	280,0000
formula 3	3			310,0000
Sig.		,139	,051	,051

Means for groups in homogeneous subsets are displayed.

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

ujiviskositashari7Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	226,6667		
formula 1	3	250,0000	250,0000	
formula 2	3		283,3333	
formula 3	3			333,3333
Sig.		,337	,120	1,000

Means for groups in homogeneous subsets are displayed.

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

ujiviskositashari14Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	230,0000		
formula 1	3	240,0000		
formula 2	3		280,0000	
formula 3	3			316,6667
Sig.		,803	1,000	1,000

Means for groups in homogeneous subsets are displayed.

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

ujiviskositashari21Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	230,0000		
formula 1	3	250,0000		
formula 2	3		280,0000	
formula 3	3			340,0000
Sig.		,144	1,000	1,000

Means for groups in homogeneous subsets are displayed.

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

ujiviskositashari28Tukey HSD^a

formula	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	230,0000		
formula 1	3	250,0000	250,0000	
formula 2	3		280,0000	
formula 3	3			326,6667
Sig.		,225	,051	1,000

Means for groups in homogeneous subsets are displayed.

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

Lampiran 10. Uji stabilitas



1. Stabilitas uji pH

T-Test

Notes

Output Created	07-AUG-2021 11:36:06	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax	T-TEST PAIRS=pH_H1 WITH pH_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pH_H1	5,6167	3	,34487	,19911
	pH_H28	5,4400	3	,45967	,26539

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pH_H1 & pH_H28	3	,917	,261

Paired Samples Test

		Paired Differences		
		Mean	Std. Deviation	Std. Error Mean
Pair 1	pH_H1 - pH_H28	,17667	,19858	,11465
				95% Confidence Interval of the Difference
				Lower
				-,31663

Paired Samples Test

		Paired Differences			
		Upper	t	df	Sig. (2-tailed)
Pair 1	pH_H1 - pH_H28	,66996	1,541	2	,263

T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test**Notes**

Output Created	07-AUG-2021 11:36:41	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.

Cases Used		Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,08

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pH_H1	6,2033	3	,05033	,02906
	pH_H28	6,2167	3	,07638	,04410

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pH_H1 & pH_H28	3	,564	,619

Paired Samples Test

		Paired Differences			95% Confidence Interval of the Difference Lower
		Mean	Std. Deviation	Std. Error Mean	
Pair 1	pH_H1 - pH_H28	-,01333	,06351	,03667	-,17110

Paired Samples Test

		Paired Differences			Sig. (2-tailed)
		95% Confidence Interval of the Difference Upper	t	df	
Pair 1	pH_H1 - pH_H28	,14443	-,364	2	,751

T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes		
Output Created		07-AUG-2021 11:38:09
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pH_H1	6,3433	3	,05132	,02963
	pH_H28	6,3600	3	,03606	,02082

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pH_H1 & pH_H28	3	1,000	,010

Paired Samples Test

		Mean	Std. Deviation	Std. Error Mean	Paired Differences
					95% Confidence Interval of the Difference Lower
Pair 1	pH_H1 - pH_H28	-,01667	,01528	,00882	-,05461

Paired Samples Test

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference Upper				
Pair 1	pH_H1 - pH_H28	,02128		-1,890	2	,199

T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	07-AUG-2021 11:39:10	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.

Cases Used		Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pH_H1	6,5167	3	,01528	,00882
	pH_H28	6,4967	3	,04509	,02603

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pH_H1 & pH_H28	3	,992	,080

Paired Samples Test

		Paired Differences			95% Confidence Interval of the Difference Lower
		Mean	Std. Deviation	Std. Error Mean	
Pair 1	pH_H1 - pH_H28	,02000	,03000	,01732	-,05452

Paired Samples Test

		Paired Differences			t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference Upper					
Pair 1	pH_H1 - pH_H28	,09452	1,155	2	,368		

2. Stabilitas uji viskositas

T-Test

Notes

Output Created		07-AUG-2021 11:29:57
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax	T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,33

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Visko_H1	220,00	3	10,000	5,774
	Visko_H28	230,00	3	10,000	5,774

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Visko_H1 & Visko_H28	3	,500	,667

Paired Samples Test

		Paired Differences			95% Confidence Interval of the Difference
		Mean	Std. Deviation	Std. Error Mean	Lower
Pair 1	Visko_H1 - Visko_H28	-10,000	10,000	5,774	-34,841

Paired Samples Test

		Paired Differences			Sig. (2-tailed)
		95% Confidence Interval of the Difference Upper	t	df	
Pair 1	Visko_H1 - Visko_H28	14,841	-1,732	2	,225

T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	07-AUG-2021 11:32:18	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Syntax	T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time 00:00:00,00 Elapsed Time 00:00:00,02

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Visko_H1	250,00	3	10,000	5,774
	Visko_H28	250,00	3	10,000	5,774

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Visko_H1 & Visko_H28	3	,500	,667

Paired Samples Test

		Paired Differences			95% Confidence Interval of the Difference
		Mean	Std. Deviation	Std. Error Mean	Lower
Pair 1	Visko_H1 - Visko_H28	,000	10,000	5,774	-24,841

Paired Samples Test

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference	Upper			
Pair 1	Visko_H1 - Visko_H28	24,841	,000	2	1,000	

T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created	07-AUG-2021 11:32:51	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax	T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.	
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,09

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Visko_H1	280,00	3	10,000	5,774
	Visko_H28	280,00	3	10,000	5,774

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Visko_H1 & Visko_H28	3	-,500	,667

Paired Samples Test

		Paired Differences			
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference
					Lower
Pair 1	Visko_H1 - Visko_H28	,000	17,321	10,000	-43,027

Paired Samples Test

		Paired Differences			
		95% Confidence Interval of the Difference	t	df	Sig. (2-tailed)
		Upper			
Pair 1	Visko_H1 - Visko_H28	43,027	,000	2	1,000

T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.

T-Test

Notes

Output Created		07-AUG-2021 11:33:12
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Syntax	T-TEST PAIRS=Visko_H1 WITH Visko_H28 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time 00:00:00,02 Elapsed Time 00:00:00,14

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Visko_H1	316,67	3	20,817	12,019
	Visko_H28	310,00	3	10,000	5,774

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Visko_H1 & Visko_H28	3	-,721	,488

Paired Samples Test

		Paired Differences			95% Confidence Interval of the Difference Lower
		Mean	Std. Deviation	Std. Error Mean	
Pair 1	Visko_H1 - Visko_H28	6,667	28,868	16,667	-65,044

Paired Samples Test

		Paired Differences			t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference Upper					
Pair 1	Visko_H1 - Visko_H28	78,378	,400	2	,728		

Lampiran 11. Uji statistik penyembuhan luka bakar

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		200
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	9,04880680
	Absolute	,069
Most Extreme Differences	Positive	,069
	Negative	-,031
	Kolmogorov-Smirnov Z	,979
Asymp. Sig. (2-tailed)		,294

a. Test distribution is Normal.

b. Calculated from data.

Multiple Comparisons

Dependent Variable: persentasepenyembuhan

Tukey HSD

(I) hari	(J) hari	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
hari ke 1	hari ke 3	-31,1048*	1,99740	,000	-37,2398	-24,9698
	hari ke 6	-38,7460*	1,99740	,000	-44,8810	-32,6110
	hari ke 9	-48,9352*	1,99740	,000	-55,0702	-42,8002
	hari ke 12	-58,6644*	1,99740	,000	-64,7994	-52,5294
	hari ke 15	-68,6380*	1,99740	,000	-74,7730	-62,5030
	hari ke 18	-83,5284*	1,99740	,000	-89,6634	-77,3934
	hari ke 21	-90,7488*	1,99740	,000	-96,8838	-84,6138
hari ke 3	hari ke 1	31,1048*	1,99740	,000	24,9698	37,2398
	hari ke 6	-7,6412*	1,99740	,005	-13,7762	-1,5062
	hari ke 9	-17,8304*	1,99740	,000	-23,9654	-11,6954
	hari ke 12	-27,5596*	1,99740	,000	-33,6946	-21,4246
	hari ke 15	-37,5332*	1,99740	,000	-43,6682	-31,3982
	hari ke 18	-52,4236*	1,99740	,000	-58,5586	-46,2886
	hari ke 21	-59,6440*	1,99740	,000	-65,7790	-53,5090
hari ke 6	hari ke 1	38,7460*	1,99740	,000	32,6110	44,8810
	hari ke 3	7,6412*	1,99740	,005	1,5062	13,7762
	hari ke 9	-10,1892*	1,99740	,000	-16,3242	-4,0542
	hari ke 12	-19,9184*	1,99740	,000	-26,0534	-13,7834
	hari ke 15	-29,8920*	1,99740	,000	-36,0270	-23,7570

	hari ke 18	-44,7824*	1,99740	,000	-50,9174	-38,6474
	hari ke 21	-52,0028*	1,99740	,000	-58,1378	-45,8678
	hari ke 1	48,9352*	1,99740	,000	42,8002	55,0702
	hari ke 3	17,8304*	1,99740	,000	11,6954	23,9654
	hari ke 6	10,1892*	1,99740	,000	4,0542	16,3242
hari ke 9	hari ke 12	-9,7292*	1,99740	,000	-15,8642	-3,5942
	hari ke 15	-19,7028*	1,99740	,000	-25,8378	-13,5678
	hari ke 18	-34,5932*	1,99740	,000	-40,7282	-28,4582
	hari ke 21	-41,8136*	1,99740	,000	-47,9486	-35,6786
	hari ke 1	58,6644*	1,99740	,000	52,5294	64,7994
	hari ke 3	27,5596*	1,99740	,000	21,4246	33,6946
	hari ke 6	19,9184*	1,99740	,000	13,7834	26,0534
hari ke 12	hari ke 9	9,7292*	1,99740	,000	3,5942	15,8642
	hari ke 15	-9,9736*	1,99740	,000	-16,1086	-3,8386
	hari ke 18	-24,8640*	1,99740	,000	-30,9990	-18,7290
	hari ke 21	-32,0844*	1,99740	,000	-38,2194	-25,9494
	hari ke 1	68,6380*	1,99740	,000	62,5030	74,7730
	hari ke 3	37,5332*	1,99740	,000	31,3982	43,6682
	hari ke 6	29,8920*	1,99740	,000	23,7570	36,0270
hari ke 15	hari ke 9	19,7028*	1,99740	,000	13,5678	25,8378
	hari ke 12	9,9736*	1,99740	,000	3,8386	16,1086
	hari ke 18	-14,8904*	1,99740	,000	-21,0254	-8,7554
	hari ke 21	-22,1108*	1,99740	,000	-28,2458	-15,9758
	hari ke 1	83,5284*	1,99740	,000	77,3934	89,6634
	hari ke 3	52,4236*	1,99740	,000	46,2886	58,5586
	hari ke 6	44,7824*	1,99740	,000	38,6474	50,9174
hari ke 18	hari ke 9	34,5932*	1,99740	,000	28,4582	40,7282
	hari ke 12	24,8640*	1,99740	,000	18,7290	30,9990
	hari ke 15	14,8904*	1,99740	,000	8,7554	21,0254
	hari ke 21	-7,2204*	1,99740	,009	-13,3554	-1,0854
	hari ke 1	90,7488*	1,99740	,000	84,6138	96,8838
	hari ke 3	59,6440*	1,99740	,000	53,5090	65,7790
	hari ke 6	52,0028*	1,99740	,000	45,8678	58,1378
hari ke 21	hari ke 9	41,8136*	1,99740	,000	35,6786	47,9486
	hari ke 12	32,0844*	1,99740	,000	25,9494	38,2194
	hari ke 15	22,1108*	1,99740	,000	15,9758	28,2458
	hari ke 18	7,2204*	1,99740	,009	1,0854	13,3554

Based on observed means.

The error term is Mean Square(Error) = 49,870.

*. The mean difference is significant at the 0,05 level.

Oneway

Descriptives

persentasepenyembuhan

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	40	49,6520	30,69147	4,85275	39,8364	59,4676	,00	98,48
kontrol positif	40	57,5413	27,66507	4,37423	48,6935	66,3890	,00	97,09
formula 1	40	57,0895	27,36443	4,32670	48,3379	65,8411	,00	98,20
formula 2	40	56,3995	29,06149	4,59502	47,1052	65,6938	,00	98,20
formula 3	40	63,2398	29,02226	4,58882	53,9580	72,5215	,00	98,51
Total	200	56,7844	28,82203	2,03802	52,7655	60,8033	,00	98,51

Test of Homogeneity of Variances

persentasepenyembuhan

Levene Statistic	df1	df2	Sig.
,398	4	195	,810

ANOVA

persentasepenyembuhan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3734,269	4	933,567	1,127	,345
Within Groups	161576,857	195	828,599		
Total	165311,126	199			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: persentasepenyembuhan

Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-7,88925	6,43661	,736	-25,6123	9,8338
	formula 1	-7,43750	6,43661	,777	-25,1605	10,2855
	formula 2	-6,74750	6,43661	,832	-24,4705	10,9755
	formula 3	-13,58775	6,43661	,220	-31,3108	4,1353
kontrol positif	kontrol negatif	7,88925	6,43661	,736	-9,8338	25,6123
	formula 1	,45175	6,43661	1,000	-17,2713	18,1748
	formula 2	1,14175	6,43661	1,000	-16,5813	18,8648
	formula 3	-5,69850	6,43661	,902	-23,4215	12,0245
formula 1	kontrol negatif	7,43750	6,43661	,777	-10,2855	25,1605
	kontrol positif	-,45175	6,43661	1,000	-18,1748	17,2713
	formula 2	,69000	6,43661	1,000	-17,0330	18,4130
	formula 3	-6,15025	6,43661	,875	-23,8733	11,5728
formula 2	kontrol negatif	6,74750	6,43661	,832	-10,9755	24,4705
	kontrol positif	-1,14175	6,43661	1,000	-18,8648	16,5813
	formula 1	-,69000	6,43661	1,000	-18,4130	17,0330
	formula 3	-6,84025	6,43661	,825	-24,5633	10,8828
formula 3	kontrol negatif	13,58775	6,43661	,220	-4,1353	31,3108
	kontrol positif	5,69850	6,43661	,902	-12,0245	23,4215
	formula 1	6,15025	6,43661	,875	-11,5728	23,8733
	formula 2	6,84025	6,43661	,825	-10,8828	24,5633

Homogeneous Subsets

persentasepenyembuhan

Tukey HSD^a

perlakuan	N	Subset for alpha = 0.05
		1
kontrol negatif	40	49,6520
formula 2	40	56,3995
formula 1	40	57,0895
kontrol positif	40	57,5413
formula 3	40	63,2398
Sig.		,220

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 40,000.

Lampiran 12. Surat penelitian dari UPT Laboratorium Universitas Setiabudi



Nomor : 131/UPT-lab/18.03.2021
 Lamp. : -
 Hal : Ijin Penelitian di Laboratorium

Kepada Yth. Bapak,Ibu Laboran dan PU

Di Tempat

Dengan hormat,

Sehubungan dengan penyelesaian penelitian mahasiswa, maka kami UPT laboratorium menyetujui untuk praktikum kepada :

Nama/NIM : Ratih Haryanti/23175106A
 Fakultas : Farmasi
 Nomor Lab : 9,13,14
 Masa Berlaku : 14 (Empat Belas) hari kerja

Atas perhatian dan kerjasamanya, kami ucapkan terimakasih.

Catatan : Membawa bukti transfer yang sudah difotokopi dan diperbesar sebanyak 4 lembar dan Selama praktikum mahasiswa yang bersangkutan harus memakai APD lengkap (jas praktek, masker, face shield/ kaca mata lebar, sepatu)

Surakarta, 18 Maret 2021
 Ka UPT Laboratorium




Asik Gunawan

Lampiran 13. Surat Ethical Clearance

4/6/2021

KEPK-RSDM



**HEALTH RESEARCH ETHICS COMMITTEE
KOMISI ETIK PENELITIAN KESEHATAN**

Dr. Moewardi General Hospital
RSUD Dr. Moewardi

**ETHICAL CLEARANCE
KELAIKAN ETIK**

Nomor : 355 / III / HREC / 2021

The Health Research Ethics Committee Dr. Moewardi
Komisi Etik Penelitian Kesehatan RSUD Dr. Moewardi

after reviewing the proposal design herewith to certify
setelah menilai rancangan penelitian yang diusulkan, dengan ini menyatakan

That the research proposal with topic :
Bahwa usulan penelitian dengan judul

**EFEK PENYEMBUHAN LUKA BAKAR SEDIAAN GEL EKSTRAK ETANOL 70% DAUN PEPAYA (Carica papaya L) PADA KULIT
PUNGGUNG KELINCI**


Principal investigator : Ratih Haryanti
Peneliti Utama 23175106A

Location of research : Laboratorium Universitas Setia Budi
Lokasi Tempat Penelitian

Is ethically approved
Dinyatakan layak etik

Issued on : 06 April 2021

Chairman
Ketua


Dr. Wahyu Dwi Atmoko., Sp.F.
19770224 201001 1 004

