

LAMPIRAN

Lampiran 1 Hasil Analisis Data SPSS

Descriptives

Nilai Uji Antifungi

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0	2	74.1250	.88388	.62500	66.1836	82.0664	73.50	74.75
20	2	50.7750	2.15668	1.52500	31.3980	70.1520	49.25	52.30
40	2	36.6250	3.00520	2.12500	9.6243	63.6257	34.50	38.75
60	2	.0000	.00000	.00000	.0000	.0000	.00	.00
80	2	.0000	.00000	.00000	.0000	.0000	.00	.00
100	2	.0000	.00000	.00000	.0000	.0000	.00	.00
+	2	.0000	.00000	.00000	.0000	.0000	.00	.00
Total	14	23.0750	29.59743	7.91024	5.9860	40.1640	.00	74.75

A. Hasil ANOVA Nilai Uji Antifungi

ANOVA

Nilai Uji Antifungi

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	11373.635	6	1895.606	917.414	.000
Within Groups	14.464	7	2.066		
Total	11388.099	13			

Nilai Uji Antifungi

Tukey HSD^a

Konsentrasi	N	Subset for alpha = 0.05			
		1	2	3	4
60	2	.0000			
80	2	.0000			
100	2	.0000			
+	2	.0000			
40	2		36.6250		
20	2			50.7750	
0	2				74.1250
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

B. Hasil Uji Antibiofilm

Descriptives

Uji Antibiofilm

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0	3	1.78800	.109014	.062939	1.51719	2.05881	1.678	1.896
20	3	1.71300	.125730	.072590	1.40067	2.02533	1.569	1.801
40	3	1.03600	.197274	.113896	.54594	1.52606	.845	1.239
60	3	.38767	.146124	.084365	.02467	.75066	.258	.546
80	3	.19967	.062292	.035964	.04492	.35441	.130	.250
100	3	.08400	.039585	.022855	-.01434	.18234	.046	.125

+	3	.03267	.012503	.007219	.00161	.06373	.020	.045
Total	21	.74871	.728826	.159043	.41696	1.08047	.020	1.896

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Uji Antibiofilm	Based on Mean	1.882	6	14	.154
	Based on Median	.950	6	14	.492
	Based on Median and with adjusted df	.950	6	7.947	.511
	Based on trimmed mean	1.817	6	14	.167

ANOVA

Uji Antibiofilm

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6.664	6	1.111	6.075	.003
Within Groups	2.560	14	.183		
Total	9.224	20			

Nilai_OD

Tukey HSD^a

Konsentrasi	N	Subset for alpha = 0.05			
		1	2	3	4
+	3	.03267			
100%	3	.08400	.08400		
80%	3	.19967	.19967		

60%	3		.38767		
40%	3			1.03600	
20%	3				1.71300
0%	3				1.78800
Sig.		.586	.071	1.000	.982

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

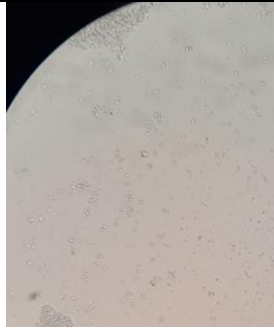
Lampiran 2 Hasil Data Uji

Hasil Uji Antifungi

Konsentrasi Air Rebusan Daun Sirih Merah	Populasi Jamur <i>Candida albicans</i> (CFU/mL)
0 %	4.7×10^8 ^d
20 %	3.2×10^8 ^{c *}
40 %	3.2×10^8 ^b
60 %	0 ^{a **}
80 %	0 ^a
100 %	0 ^a
Kontrol + (Nistatin 500 ppm)	0 ^a

Lampiran 3 Dokumentasi Penelitian

Daun Sirih Merah (*Piper crocatum*)



Candida albicans



Proses Penserbukkan



Bubuk Daun Sirih Merah



Proses Penimbangan



Proses Penyaringan Air Rebusan
Daun Sirih Merah



Perebusan dengan suhu 75C



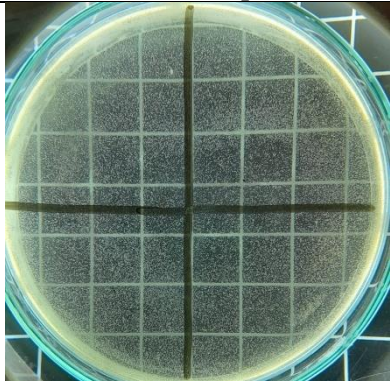
Air Rebusan Daun Sirih Merah



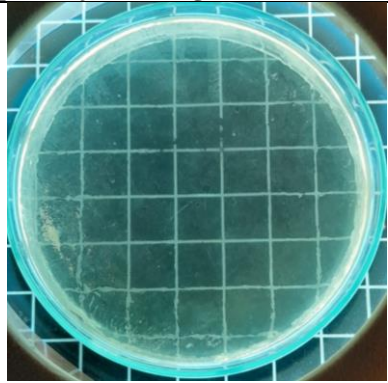


Bahan-bahan yang digunakan

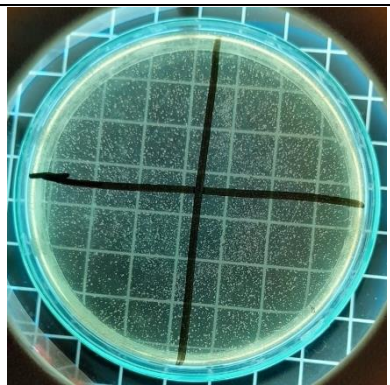
Alat yang digunakan

Hasil Dokumentasi Populasi Jamur pada Uji Antifungi

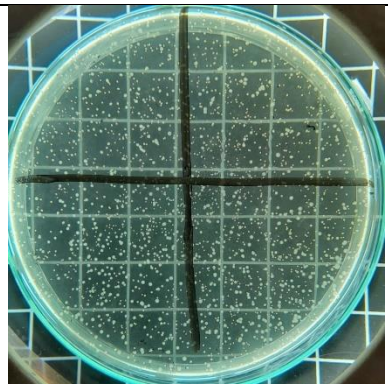
Konsentrasi 0% (Kontrol Negatif)



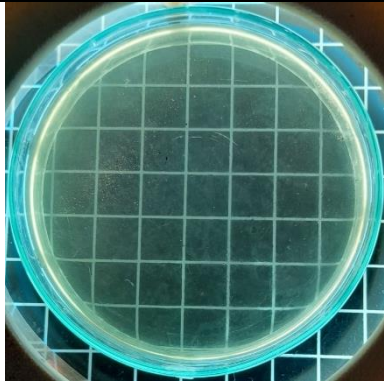
Kontrol Positif



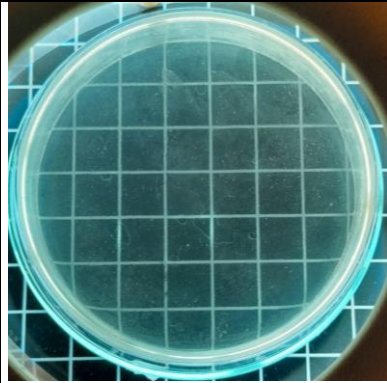
Konsentrasi 20%



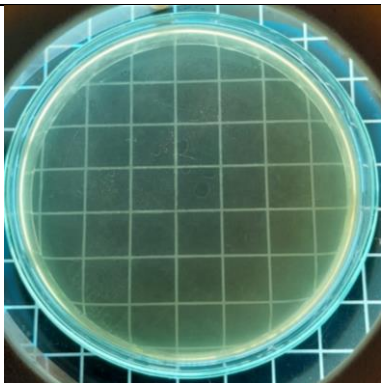
Konsentrasi 40%



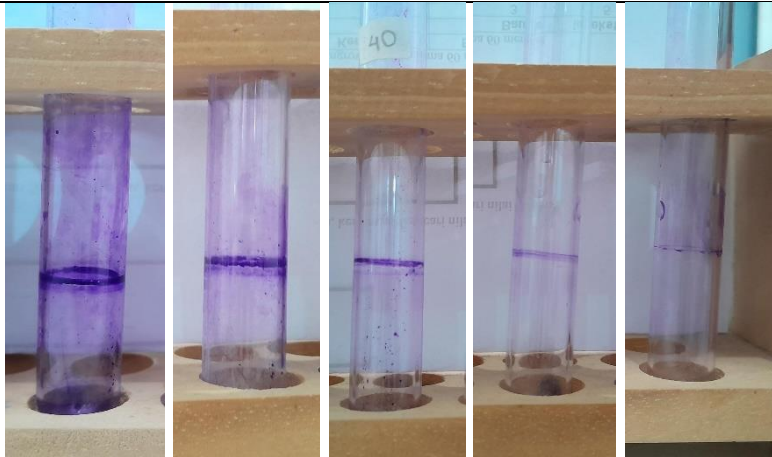
Konsentrasi 60%



Konsentrasi 80%



Konsentrasi 100%

Hasil Dokumentasi Penghambatan Pembentukan Biofilm *Candida**albicans*

0%

20%

40%

60%

80%



100%



PROGRAM STUDI BIOLOGI
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PGRI ADI BUANA SURABAYA

KAMPUS : Jl.Dukuh Menanggal XII, Telp.(031)8281183, 8281181, Surabaya 60234

PERSETUJUAN PERBAIKAN SKRIPSI


Dosen Pembimbing dan Penguji dibawah ini telah menyetujui atas perbaikan naskah skripsi yang dilakukan oleh:

Nama : Liska Widya Tama
NIM : 192500021
Prodi : Biologi
Judul : Uji Antibiofilm Air Rebusan Daun Sirih Merah (*Piper crocatum*) Terhadap Pembentukan Biofilm *Candida albicans*

DOSEN PEMBIMBING

No.	Nama	Tanda Tangan	Tanggal Persetujuan
1.	Dr. Arif Yachya, S.Si., M.Si		9/8 2023

DOSEN PENGUJI

No.	Nama	Tanda Tangan	Tanggal Persetujuan
1.	Vivin Andriani, S.Si., M.Sc		9/8 2023

***Catatan:**

Naskah skripsi dapat digandakan dan dijilid, apabila mahasiswa yang bersangkutan telah mendapat persetujuan dari dosen pembimbing dan dosen penguji.



PROGRAM STUDI BIOLOGI
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PGRI ADI BUANA SURABAYA

KAMPUS : Jl.Dukuh Menanggal XII, Telp.(031)8281183, 8281181, Surabaya 60234

FORM SKBIO.05

BUKTI BIMBINGAN SKRIPSI

Nama : Liska Widya Tama
NIM : 192500021
Judul Skripsi : Uji Antibiofilm Air Rebusan Daun Sirih Merah
(*Piper crocatum*) Terhadap Pembentukan Biofilm
Candida albicans
Dosen Pembimbing I : Dr. Arif Yachya, S.Si., M.Si

No	Tanggal	Materi Bimbingan	Pembimbing
1.	05-06-2023	Bimbingan BAB 5	
2.	12-06-2023	Bimbingan Revisi BAB 5	
3.	19-06-2023	Bimbingan BAB 5 dan BAB 6	
4.	26-06-2023	Bimbingan Revisi BAB 5 dan BAB 6	
5.	04-07-2023	Bimbingan BAB 7	
6.	10-07-2023	Bimbingan revisi BAB 5, 6 dan 7	
7.	14-07-2023	Bimbingan BAB 1-7	
8.	03-08-2023	Bimbingan revisi hasil sidang skripsi	

Mengetahui



Dosen Pembimbing I,

Dr. Arif Yachya, S.Si., M.Si
NPP. 1302652/DY

Pedoman Penelitian Proposal Skripsi dan Artikel/Umiah Prodi Biologi