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## LAMPIRAN I TABEL LAMPIRAN

**Tabel Lampiran 1. Hasil ANOVA ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *S. mutans***

### Tests of Between-Subjects Effects

Dependent Variable: Diameter Zona Bening

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5805.086 <sup>a</sup>	8	725.636	1390.592	.000
Intercept	4486.079	1	4486.079	8597.020	.000
Jenis_Ekstrak	30.872	1	30.872	59.162	.000
Jenis_Konsentrasi	331.452	3	110.484	211.729	.000
Ulangan	1.116	2	.558	1.069	.357
Error	14.089	27	.522		
Total	9552.385	36			
Corrected Total	5819.175	35			

a. R Squared = .998 (Adjusted R Squared = .997)

**Tabel Lampiran 2. Hasil ANOVA ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *E. coli***

### Tests of Between-Subjects Effects

Dependent Variable: Diameter Zona Bening

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	4876.243 <sup>a</sup>	8	609.530	1227.782	.000
Intercept	6012.313	1	6012.313	12110.651	.000
Jenis_Ekstrak	43.497	1	43.497	87.617	.000
Jenis_Konsentrasi	81.901	3	27.300	54.991	.000
Ulangan	1.852	2	.926	1.865	.174
Error	13.404	27	.496		
Total	10345.193	36			
Corrected Total	4889.647	35			

a. R Squared = .997 (Adjusted R Squared = .996)

**Tabel Lampiran 3. Hasil ANOVA ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *P. aeruginosa***

**Tests of Between-Subjects Effects**

Dependent Variable: Diameter Zona Bening

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3503.460 <sup>a</sup>	8	437.932	673.443	.000
Intercept	5193.020	1	5193.020	7985.710	.000
Jenis_Ekstrak	30.849	1	30.849	47.439	.000
Jenis_Konsentrasi	88.622	3	29.541	45.427	.000
Ulangan	.072	2	.036	.055	.946
Error	17.558	27	.650		
Total	8397.014	36			
Corrected Total	3521.018	35			

R Squared = .995 (Adjusted R Squared = .994)

**Tabel Lampiran 4. Hasil Tukey ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *S. mutans***

**Diameter Zona Bening**

Tukey HSD <sup>a,b,c</sup>	Jenis Ekstrak	N	Subset			
			1	2	3	4
	kontrol -	6	.0000			
	<i>G. lucidum</i>	12		4.8308		
	<i>Ganoderma</i> sp	12			7.0992	
	kontrol +	6				37.2400
	Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .522.

- a. Uses Harmonic Mean Sample Size = 8.000.
- b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.
- c. Alpha = 0.05.

**Tabel Lampiran 5. Hasil Tukey ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *E. coli***

**Diameter Zona Bening**

Tukey HSD <sup>a,b,c</sup>	Jenis Ekstrak	N	Subset			
			1	2	3	4
	kontrol -	6	.0000			
	<i>G. lucidum</i>	12		7.9050		
	<i>Ganoderma</i> sp	12			10.5975	
	kontrol +	6				36.8567
	Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .496.

a. Uses Harmonic Mean Sample Size = 8.000.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = 0.05.

**Tabel Lampiran 6. Hasil Tukey ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *P. aeruginosa***

**Diameter Zona Bening**

Tukey HSD <sup>a,b,c</sup>	Jenis Ekstrak	N	Subset			
			1	2	3	4
	kontrol -	6	.0000			
	<i>G. lucidum</i>	12		8.3517		
	<i>Ganoderma</i> sp	12			10.6192	
	kontrol +	6				31.8867
	Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed. Based on observed means.

The error term is Mean Square(Error) = .650.

a. Uses Harmonic Mean Sample Size = 8.000.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.

**Tabel Lampiran 7. Hasil Tukey tiap jenis konsentrasi ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *S. mutans***

**Diameter Zona Bening**

Tukey HSD <sup>a,b</sup>	Jenis Konsentrasi	N	Subset					
			1	2	3	4	5	
	5%	6	.0000					
	Kontrol -	6	.0000					
	10%	6		6.1283				
	15%	6			7.6817			
	20%	6				10.0500		
	kontrol +	6						37.2400
	Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .522.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = 0.05.

**Tabel Lampiran 8. Hasil Tukey tiap jenis konsentrasi ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *E. coli***

**Diameter Zona Bening**

Tukey HSD <sup>a,b</sup>	Jenis Konsentrasi	N	Subset						
			1	2	3	4	5	6	
	Kontrol -	6	.0000						
	5%	6		6.9933					
	10%	6			8.2517				
	15%	6				9.8200			
	20%	6					11.9400		
	kontrol +	6							36.8567
	Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed. Based on observed means.

The error term is Mean Square(Error) = .496.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = 0.05.

Tabel Lampiran 9. Hasil Tukey tiap jenis konsentrasi ekstrak jamur *G. lucidum* dan *Ganoderma* sp. pada bakteri uji *P. aeruginosa*

**Diameter Zona Bening**

Tukey HSD <sup>a,b</sup>	Jenis Konsentrasi	N	Subset					
			1	2	3	4	5	6
	Kontrol -	6	.0000					
	5%	6		6.8717				
	10%	6			8.8933			
	15%	6				10.9200		
	20%	6					12.4233	
	kontrol +	6						31.8867
	Sig.			1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.  
Based on observed means.

The error term is Mean Square(Error) = .305.

a. Uses Harmonic Mean Sample Size = 6.000.

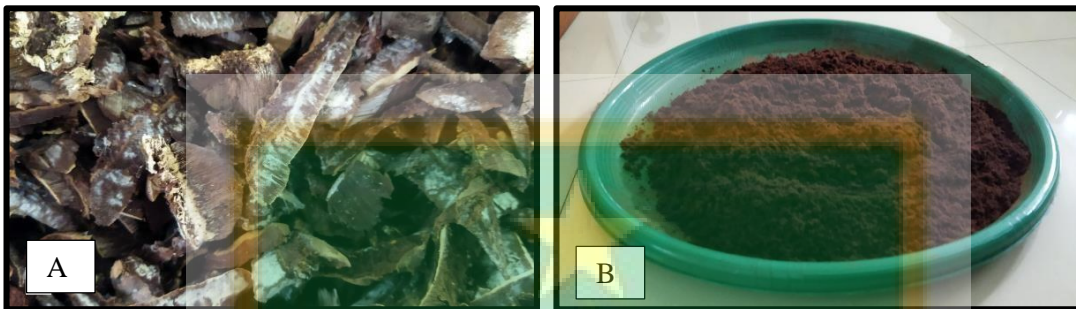
b. Alpha = 0.05.





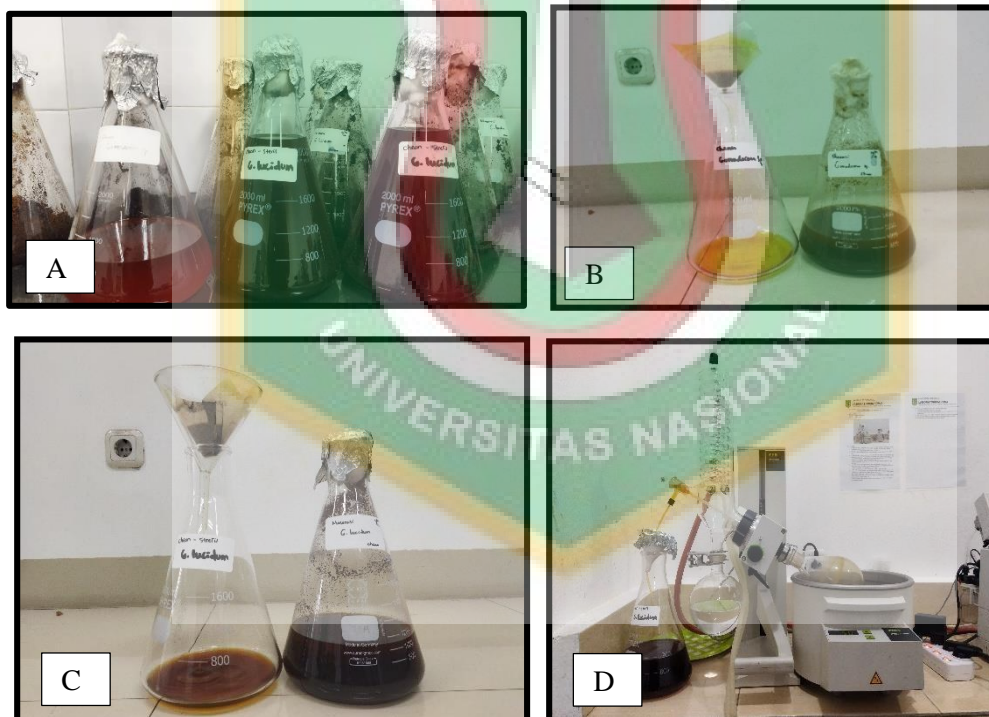
## LAMPIRAN II GAMBAR LAMPIRAN

Gambar Lampiran 1. Sampel jamur *G. lucidum* dan *Ganoderma* sp.



A. Sampel jamur kering, B. sampel jamur setelah di haluskan

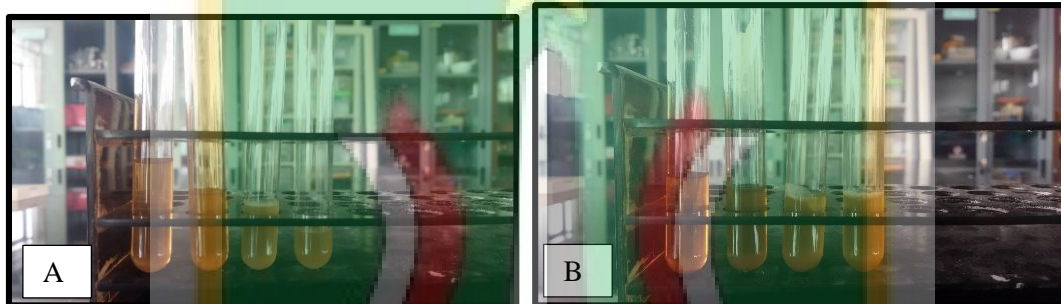
Gambar Lampiran 2. Sampel jamur *G. lucidum* dan *Ganoderma* sp.



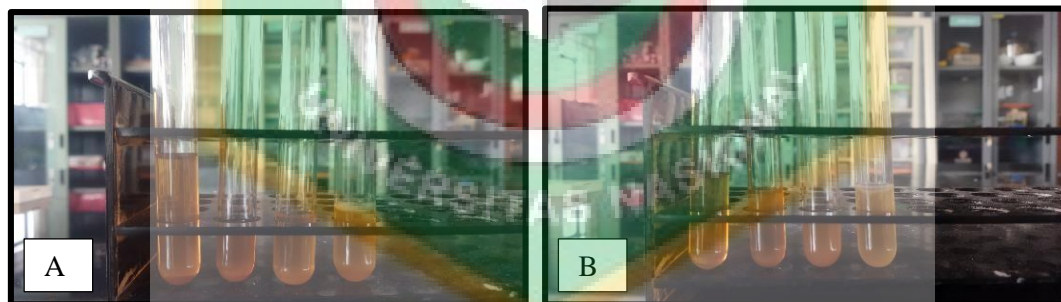


A. Maserasi jamur, B. Penyaringan jamur, C. Proses penyaringan ekstrak  
 D. Pemekatan sampel dengan *Evaporator*, E. Hasil pemekatan sampel

Gambar Lampiran 3. Hasil uji KHM ekstrak jamur (A.) *G. lucidum* dan (B.) *Ganoderma* sp. terhadap bakteri *S. aureus*



Gambar Lampiran 4. Hasil uji KHM ekstrak jamur (A.) *G. lucidum* dan (B.) *Ganoderma* sp. terhadap bakteri *E. coli*



Gambar Lampiran 5. Hasil uji KHM ekstrak jamur (A.) *G. lucidum* dan (B.) *Ganoderma* sp. terhadap bakteri *P. aeruginosa*



# AKTIVITAS ANTIBAKTERI EKSTRAK JAMUR Ganoderma lucidum DAN Ganoderma sp. TERHADAP Staphylococcus aureus, Streptococcus mutans, Escherichia coli, DAN Pseudomonas aeruginosa

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