

# **LAMPIRAN**

## Lampiran 1. Biodata Peneliti

### BIODATA PENELITI




#### A. Data Pribadi

Nama : Irmala Dewi  
Tempat dan Tanggal Lahir: Pakkatetengge, 22 September 2000  
Alamat Asal : Barong Tongkok, Kab. Kutai Barat  
Telpon/Hp : 08115456100  
Email : [irmaladewi2200@gmail.com](mailto:irmaladewi2200@gmail.com)  
Agama : Islam

#### B. Riwayat Pendidikan

- Tamat SD : 2013 di SD Negeri 01 Busur
- Tamat SMP : 2016 di SMP Negeri 01 Simpang Raya
- Tamat SMA : 2019 di SMA Negeri 01 Sendawar

## Lampiran 2. Surat keterangan selesi Penelitian

 <p><b>UMKT</b> Laboratorium</p>	081230017008 umkt.ac.id web@umkt.ac.id
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Nomor : 408LBU/A.5/C/2023  
Lampiran : -  
Hal : Surat Keterangan Selesai Penelitian

Kepada  
Yth. Mahasiswa  
- Di  
Tempat

**Assalamu'alaikum Warahmatullahi Wabarakatuh**

Yang bertanda tangan di bawah ini :

Nama : Rini Ernawati S.Pd.,M.Kes  
Jabatan : Kepala Laboratorium  
Instansi : Universitas Muhammadiyah Kalimantan Timur

Dengan ini menyatakan :


Nama : Irmala Dewi  
NIM : 1911102415101  
Program Studi : S1 Farmasi  
Judul Penelitian : **Aktivitas Fraksi N-Butanol Dari Daun Kelubut ( *Passiflora Foetida L*) Terhadap Uji Mikroorganisme Dan Uji Biofilm *Pseudomonas Aeruginosa* Dan *Escherichia Coli***

Telah selesai melakukan penelitian di Laboratorium Universitas Muhammadiyah Kalimantan Timur Demikian Surat keterangan ini dibuat untuk dipergunakan sebagaimana mestinya.

**Wassalamu'alaikum Warahmatullahi Wabarakatuh**

Samarinda, 22 Dhu al-Hijjah 1444 H  
10 Juli 2023 M

Kepala Laboratorium Ilmu  
Kesehatan Laboratorium



Rini Ernawati, S.Pd. M.Kes  
NIDN. 1102096902

Kampus 1 : Jl. Ir. H. Juanda, No.15, Samarinda  
Kampus 2 : Jl. Pelita, Pesona Mahakam, Samarinda

## Lampiran 3. Determinasi



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI  
UNIVERSITAS MULAWARMAN FAKULTAS KEHUTANAN  
LABORATORIUM EKOLOGI DAN KONSERVASI BIODIVERSITAS HUTAN TROPIS  
Alamat: kampus Unmul Gunung Kelua, Jl. Panajam Gd. B11 Lt.1 Samarinda 75123  
Telp./Fax (0541) 7273726, Email: lab.ekobio@fahutan.unmul.ac.id

Samarinda, 13 Maret 2023

Nomor : 68/UN17.4.08/LL/2023  
Lampiran : -  
Perihal : Hasil Identifikasi/Determinasi Tumbuhan

Kepada Yth.  
Bpk./Ibu/Sdr(i). Zufiha Citra Utami Masdar (1911102415129)  
Fakultas Farmasi Universitas Muhammadiyah Kalimantan Timur  
di-

Tempat

Dengan Hormat,

Bersama ini kami sampaikan hasil identifikasi/determinasi tumbuhan yang saudara kirimkan ke "Herbarium Mulawarman", Laboratorium Ekologi dan Konservasi Biodiversitas Hutan Tropis Fakultas Kehutanan Universitas Mulawarman Samarinda, adalah sebagai berikut:

Kingdom : Plantae  
Phyllum : Magnoliophyta  
Class : Magnoliopsida  
Order : Asterales  
Family : Asteraceae  
Species : *Passiflora foetida* L.  
Synonyms : *Passiflora foetida* var. *balansae* Chodat, *Passiflora foetida* var. *ciliata* (Aiton) Mast., *Passiflora foetida* var. *foetida*, *Passiflora foetida* var. *galapagensis* Killip, *Passiflora foetida* var. *gardneri* Killip, *Passiflora foetida* var. *hibiscifolia* (Lam.) Killip, *Passiflora foetida* var. *hirsuta* (L.) Mast., *Passiflora foetida* var. *hirsutissima* Killip, *Passiflora foetida* var. *isthmia* Killip, *Passiflora foetida* var. *maxoni* Killip, *Passiflora foetida* var. *mayarum* Killip, *Passiflora foetida* var. *nicaraguensis* (Killip ex Standl.) Killip, *Passiflora foetida* var. *nigelliflora* (Hook.) Mast., *Passiflora foetida* subsp. *orinocensis* Killip, *Passiflora foetida* subsp. *quinqueloba* (Griseb.) Mast., *Passiflora foetida* var. *salvadorensis* Killip, *Passiflora foetida* var. *sericea* Chodat & Hassl., *Passiflora foetida* var. *subintegra* Killip, *Passiflora foetida* var. *subpalmata* Killip, *Passiflora foetida* var. *variegata* G. Mey. *Passiflora foetida* var. *vitacea* Mast.

Common name : Kelubut

Demikian, semoga berguna bagi saudara.

Tembusan:  
Arsip



#### Lampiran 4. Perhitungan Rendemen

1. Nilai Rendemen Ekstrak

Berat Simplisia : 500 gram

Berat Ekstrak : 25, 21 gram

$$\text{Rendemen} = \frac{\text{Berat Ekstrak}}{\text{Berat Simplisia}} \times 100$$

$$\text{Rendemen} = \frac{25,21 \text{ gram}}{500 \text{ gram}} \times 100$$

$$\text{Rendemen} = 5.042\%$$

2. Nilai Rendemen Fraksi

Berat Simplisia : 500 gram

Berat Ekstrak : 5, 17 gram

$$\text{Rendemen} = \frac{\text{Berat Ekstrak}}{\text{Berat Simplisia}} \times 100$$

$$\text{Rendemen} = \frac{5,17 \text{ gram}}{500 \text{ gram}} \times 100$$

$$\text{Rendemen} = 1.034\%$$

## Lampiran 5. Dokumentasi Penelitian



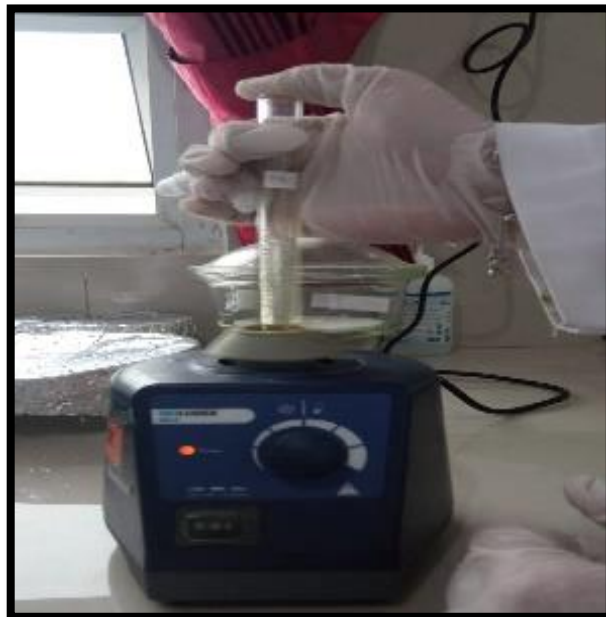
**Inkubator**



**Rotary Evaporator**



**Autoklaf**



**Fortex**



**Mikroplate reader**



**Daun kelubut yang telah di cuci dan dikeringkan.**





**Daun Kelubut yang telah dikeringkan dan dihaluskan menggunakan blender**



**Simplisia daun kelubut**



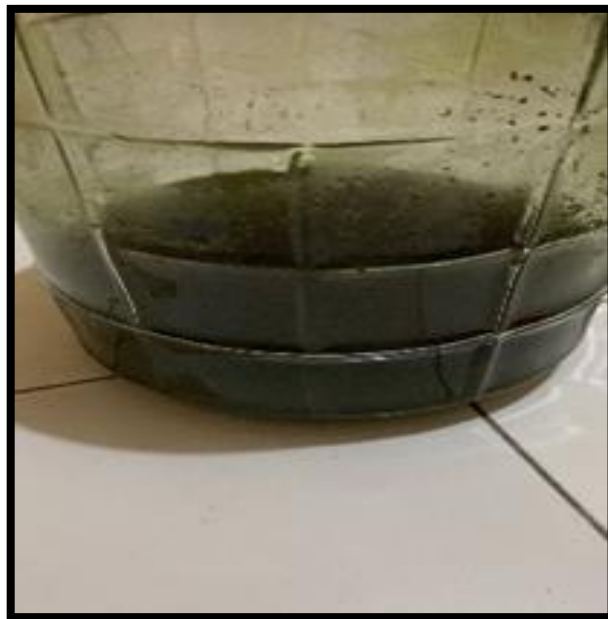
**Penguapan Pelarut dengan Rotary evaporator**



**Water bath**



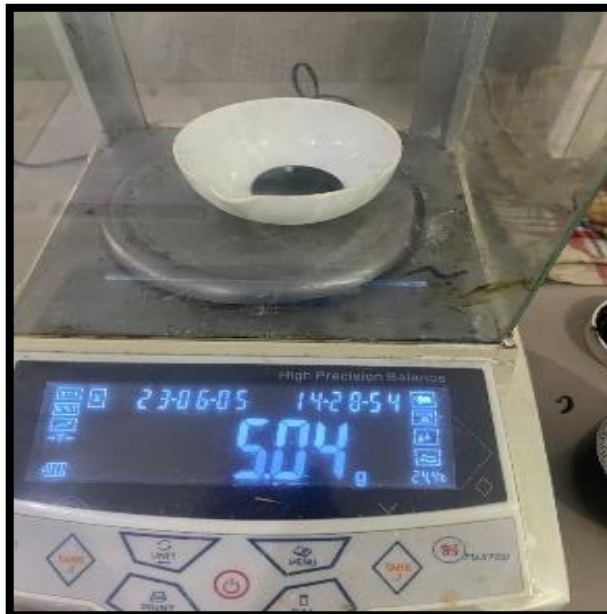
**Hasil Ekstrak daun kelubut**



**Proses Maserasi**



**Hasil Pengaduan sekali selama 5 hari**



**Penimbangan ekstrak yang diuji**



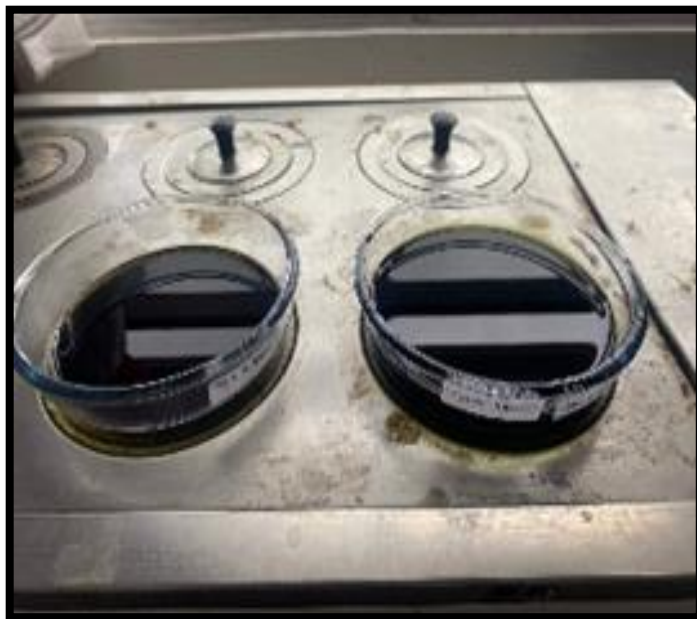
**Melakuka pengocokkan hingga 1 menit sampai menjadi 2 bagian  
(dilakukan berkali-kali hingga bening)**



**Didapatkan hasil fraksinasi**



**Hasil yang telah didapatkan lalu rotary evaporator**



**Water bath**



**Prosedur pembuatan media BBA**



**Sterilisasi alat**

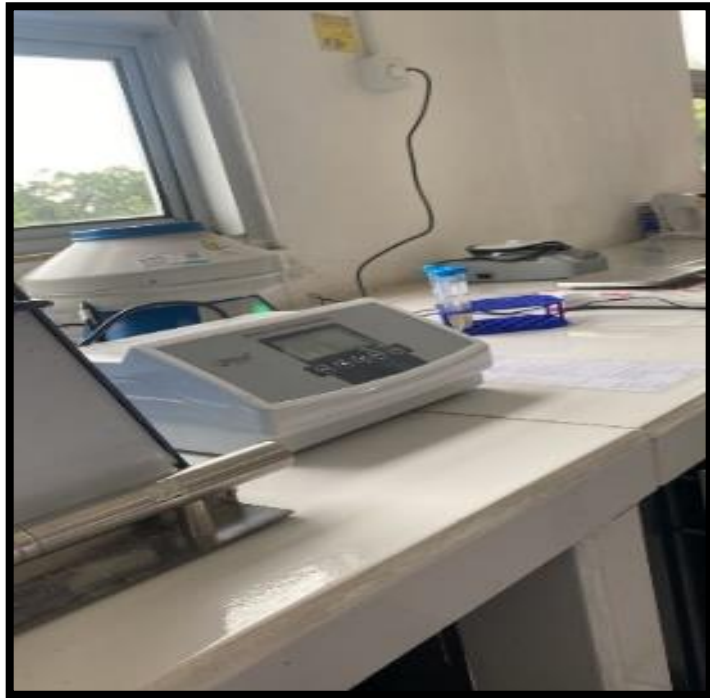


**Bakteri dikultur dalam media BBA**

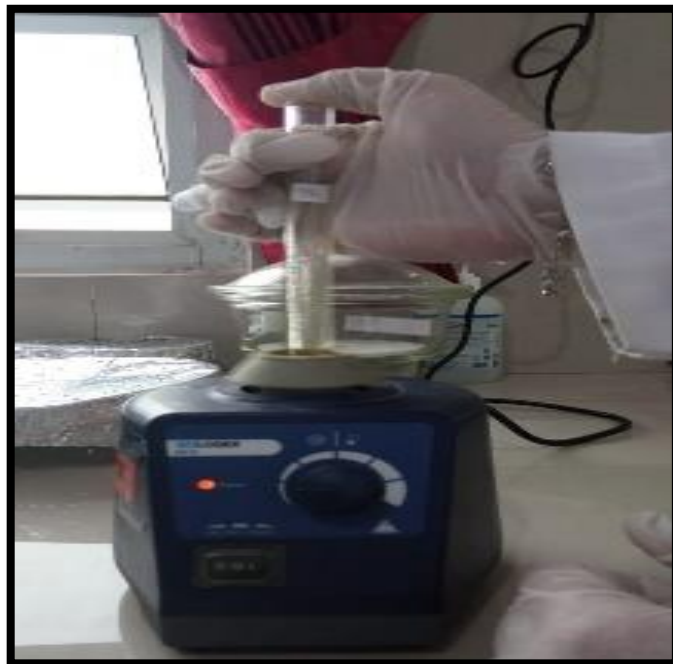


**Pemindahan bakteri ke media BHI**





**Centrifuge bakteri**



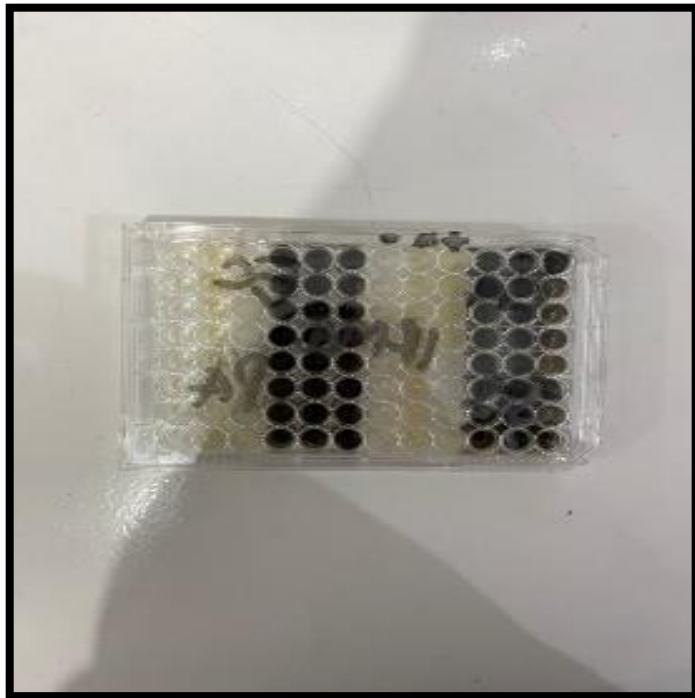
**Setelah di centrifuge lalu di fortex**



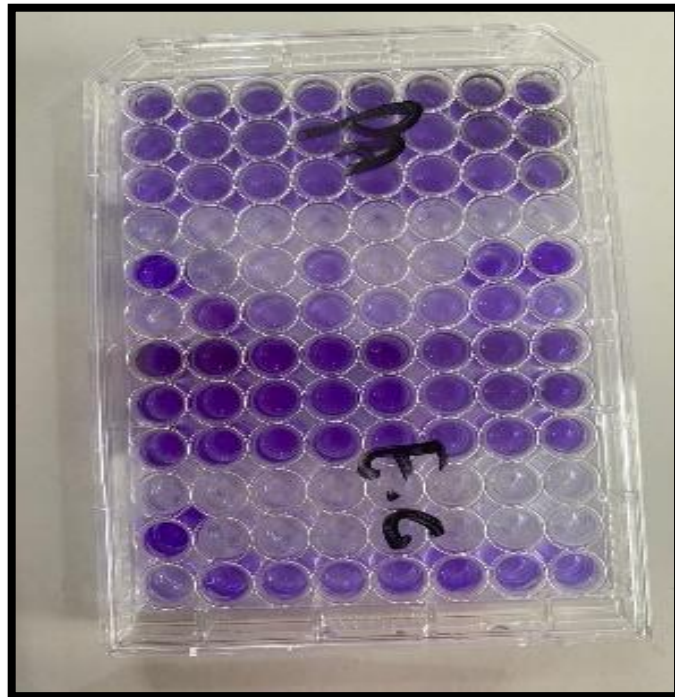
**Proses penyamaan tingkat kekeruhan dengan standar Mc Farland  
108**



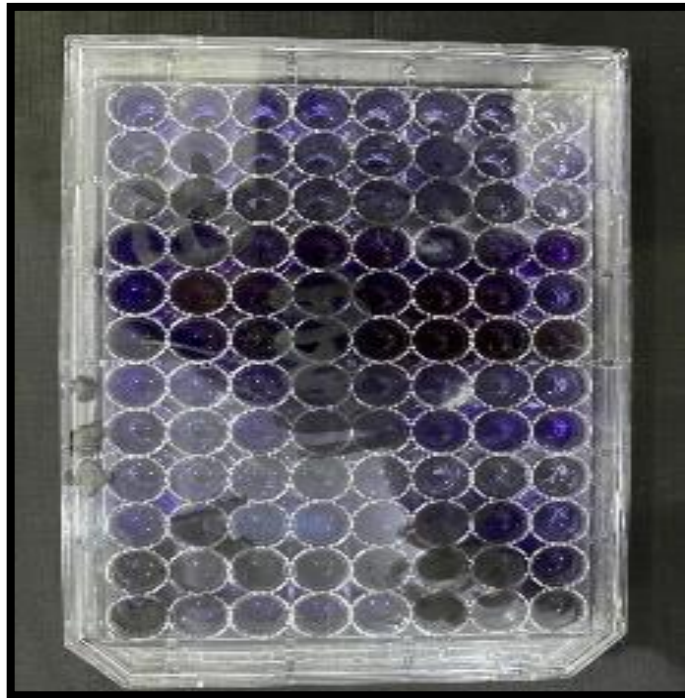
**Konsentrasi sampel**



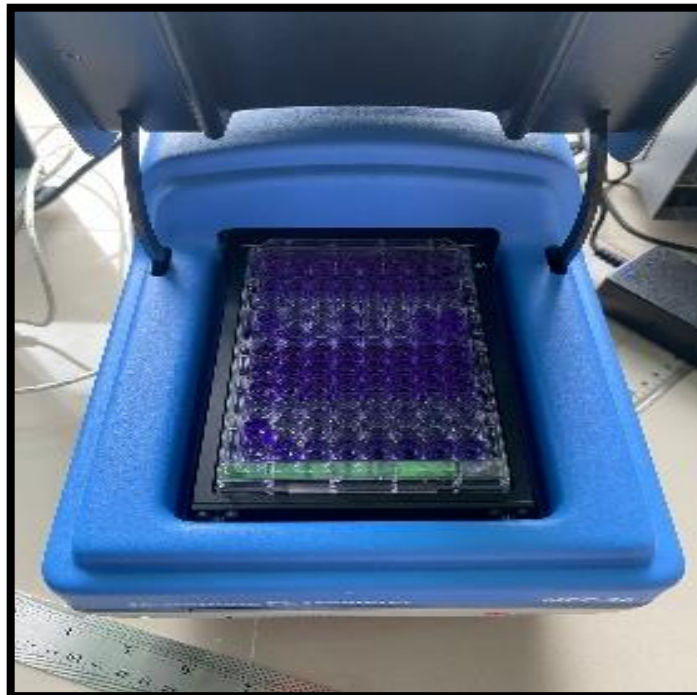
**Pengujian microplate**



**Pencucian mikroplate**



**Memasukkan crystal violet dan etanol 96%**



**Pembacaan microplate**

## Lampiran 6. Analisis Data SPSS

### Analysis Report



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#### Experiment information:

Assay:	irma 620nm
Template:	
Date:	28/06/2023 05:33
Channels:	620 nm
Software version:	0.8.1.1

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#### Notes:

Results													
Cell	Type	Sample Name	A/M	Group	OD 620 nm	Result 1	Result 2	Given Concentration	Mean Concentration	Calculated Concentration	Mean (OD)	Standard Deviation (OD)	Coefficient of Variation (OD)
A1	S0	Std S0			0.7796	Error		25	*21.270	*19.611	0.7544	0.1104	14.632%
A2	S1	Std S1			0.7414	Error		50	45.405	22.201	0.5473	0.0780	14.252%
A3	S2	Std S2			0.4797	OK		100	80.159	61.014	0.4233	0.0470	11.099%
A4	P1	Positive control P1			0.1368	Error			*1780.176	*721.591	0.0791	0.0229	29.013%
A5	N1	Negative control N1			0.9839	Error			*220.901	*10.777	0.2586	0.3221	124.535%
A6	N2	Negative control N2			0.1790	Error			*284.587	*444.955	0.2270	0.1036	45.646%
A7	S3	Std S3			0.4636	Error		25	35.462	65.769	0.6093	0.1189	19.520%
A8	S4	Std S4			0.6136	Error		50	55.244	34.887	0.5017	0.0544	10.836%
A9	S5	Std S5			0.4318	Error		100	112.523	76.804	0.3608	0.0511	14.170%
A10	P1	Positive control P1			0.0718	Error			*1780.176	*2064.098	0.0791	0.0229	29.013%
A11	N1	Negative control N1			0.0592	Error			*220.901	*2736.634	0.2586	0.3221	124.535%
A12	N2	Negative control N2			0.2402	Error			*284.587	*255.197	0.2270	0.1036	45.646%
B1	S0	Std S0			0.8241	Error		25	*21.270	*17.066	0.7544	0.1104	14.632%
B2	S1	Std S1			0.5628	Error		50	45.405	42.608	0.5473	0.0780	14.252%
B3	S2	Std S2			0.3778	OK		100	80.159	102.146	0.4233	0.0470	11.099%
B4	P1	Positive control P1			0.1034	Error			*1780.176	*1159.991	0.0791	0.0229	29.013%
B5	N1	Negative control N1			0.6419	Error			220.901	31.389	0.2586	0.3221	124.535%
B6	N2	Negative control N2			0.3718	Error			284.587	105.663	0.2270	0.1036	45.646%
B7	S3	Std S3			0.5641	Error		25	35.462	42.384	0.6093	0.1189	19.520%
B8	S4	Std S4			0.5443	Error		50	55.244	45.975	0.5017	0.0544	10.836%
B9	S5	Std S5			0.3741	Error		100	112.523	104.278	0.3608	0.0511	14.170%

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Results													
Cell	Type	Sample Name	A/M	Group	OD 620 nm	Result 1	Result 2	Given Concentration	Mean Concentration	Calculated Concentration	Mean (OD)	Standard Deviation (OD)	Coefficient of Variation (OD)
B10	P1	Positive control P1			0.0484	Error			*1780.176	*3620.108	0.0791	0.0229	29.013%
B11	N1	Negative control N1			0.0583	Error			*220.901	*2797.740	0.2586	0.3221	124.535%
B12	N2	Negative control N2			0.2910	Error			*284.587	*174.805	0.2270	0.1036	45.646%
C1	S0	Std S0			0.7212	Error		25	21.270	23.748	0.7544	0.1104	14.632%
C2	S1	Std S1			0.4936	Error		50	45.405	57.273	0.5473	0.0780	14.252%
C3	S2	Std S2			0.4081	OK		100	80.159	86.689	0.4233	0.0470	11.099%
C4	P1	Positive control P1			0.0800	Error			*1780.176	*1749.203	0.0791	0.0229	29.013%
C5	N1	Negative control N1			0.1117	Error			*220.901	*1020.845	0.2586	0.3221	124.535%
C6	N2	Negative control N2			0.1620	Error			*284.587	*533.800	0.2270	0.1036	45.646%
C7	S3	Std S3			0.5006	Error		25	35.462	55.514	0.6093	0.1189	19.520%
C8	S4	Std S4			0.4317	Error		50	55.244	76.823	0.5017	0.0544	10.836%
C9	S5	Std S5			0.3669	Error		100	112.523	108.631	0.3608	0.0511	14.170%
C10	P1	Positive control P1			0.0506	Error			*1780.176	*3405.495	0.0791	0.0229	29.013%
C11	N1	Negative control N1			0.0561	Error			*220.901	*2951.353	0.2586	0.3221	124.535%
C12	N2	Negative control N2			0.3331	Error			*284.587	*132.758	0.2270	0.1036	45.646%
D1	S0	Std S0			0.9914	Error		25	*21.270	*10.561	0.7544	0.1104	14.632%
D2	S1	Std S1			0.5535	Error		50	45.405	44.255	0.5473	0.0780	14.252%
D3	S2	Std S2			0.4283	OK		100	80.159	78.177	0.4233	0.0470	11.099%
D4	P1	Positive control P1			0.0873	Error			*1780.176	*1524.615	0.0791	0.0229	29.013%
D5	N1	Negative control N1			0.0690	Error			*220.901	*2190.703	0.2586	0.3221	124.535%

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Results													
Cell	Type	Sample Name	A/M	Group	OD 620 nm	Result 1	Result 2	Given Concentration	Mean Concentration	Calculated Concentration	Mean (OD)	Standard Deviation (OD)	Coefficient of Variation (OD)
D6	N2	Negative control N2			0.1380	Error			*284.587	*709.966	0.2270	0.1036	45.646%
D7	S3	Std S3			0.6127	Error		25	35.462	35.012	0.6093	0.1189	19.520%
D8	S4	Std S4			0.4605	Error		50	55.244	66.744	0.5017	0.0544	10.836%
D9	S5	Std S5			0.2559	Error		100	*112.523	*225.504	0.3608	0.0511	14.170%
D10	P1	Positive control P1			0.0539	Error			*1780.176	*3119.658	0.0791	0.0229	29.013%
D11	N1	Negative control N1			0.0713	Error			*220.901	*2086.602	0.2586	0.3221	124.535%
D12	N2	Negative control N2			0.1967	Error			*284.587	*373.752	0.2270	0.1036	45.646%
E1	S0	Std S0			0.6848	Error		25	21.270	26.912	0.7544	0.1104	14.632%
E2	S1	Std S1			0.5311	Error		50	45.405	48.608	0.5473	0.0780	14.252%
E3	S2	Std S2			0.3922	OK		100	80.159	94.373	0.4233	0.0470	11.099%
E4	P1	Positive control P1			0.0858	Error			*1780.176	*1566.592	0.0791	0.0229	29.013%
E5	N1	Negative control N1			0.2290	Error			*220.901	*279.868	0.2586	0.3221	124.535%
E6	N2	Negative control N2			0.1769	Error			*284.587	*454.773	0.2270	0.1036	45.646%
E7	S3	Std S3			0.5135	Error		25	35.462	52.446	0.6093	0.1189	19.520%
E8	S4	Std S4			0.4691	Error		50	55.244	64.113	0.5017	0.0544	10.836%
E9	S5	Std S5			0.3179	Error		100	*112.523	*146.157	0.3608	0.0511	14.170%
E10	P1	Positive control P1			0.0639	Error			*1780.176	*2453.612	0.0791	0.0229	29.013%
E11	N1	Negative control N1			0.0573	Error			*220.901	*2865.284	0.2586	0.3221	124.535%
E12	N2	Negative control N2			0.1729	Error			*284.587	*474.242	0.2270	0.1036	45.646%
F1	S0	Std S0			0.7269	Error		25	21.270	23.293	0.7544	0.1104	14.632%
F2	S1	Std S1			0.4823	Error		50	45.405	60.301	0.5473	0.0780	14.252%

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Results													
Cell	Type	Sample Name	A/M	Group	OD 620 nm	Result 1	Result 2	Given Concentration	Mean Concentration	Calculated Concentration	Mean (OD)	Standard Deviation (OD)	Coefficient of Variation (OD)
F3	S2	Std S2			0.3548	OK		100	*80.159	*116.498	0.4233	0.0470	11.099%
F4	P1	Positive control P1			0.0929	Error			*1780.176	*1380.171	0.0791	0.0229	29.013%
F5	N1	Negative control N1			0.0795	Error			*220.901	*1764.982	0.2586	0.3221	124.535%
F6	N2	Negative control N2			0.1859	Error			*284.587	*414.957	0.2270	0.1036	45.646%
F7	S3	Std S3			0.6351	Error		25	35.462	32.184	0.6093	0.1189	19.520%
F8	S4	Std S4			0.5088	Error		50	55.244	53.529	0.5017	0.0544	10.836%
F9	S5	Std S5			0.3463	Error		100	*112.523	*122.546	0.3608	0.0511	14.170%
F10	P1	Positive control P1			0.0677	Error			*1780.176	*2251.824	0.0791	0.0229	29.013%
F11	N1	Negative control N1			0.0603	Error			*220.901	*2667.792	0.2586	0.3221	124.535%
F12	N2	Negative control N2			0.2037	Error			*284.587	*349.741	0.2270	0.1036	45.646%
G1	S0	Std S0			0.7200	Error		25	21.270	23.845	0.7544	0.1104	14.632%
G2	S1	Std S1			0.5143	Error		50	45.405	52.252	0.5473	0.0780	14.252%
G3	S2	Std S2			0.4445	OK		100	80.159	72.108	0.4233	0.0470	11.099%
G4	P1	Positive control P1			0.0997	Error			*1780.176	*1232.809	0.0791	0.0229	29.013%
G5	N1	Negative control N1			0.0734	Error			*220.901	*1997.256	0.2586	0.3221	124.535%
G6	N2	Negative control N2			0.4995	Error			284.587	55.769	0.2270	0.1036	45.646%
G7	S3	Std S3			0.8153	Error		25	*35.462	*17.535	0.6093	0.1189	19.520%
G8	S4	Std S4			0.5193	Error		50	55.244	51.133	0.5017	0.0544	10.836%
G9	S5	Std S5			0.4006	Error		100	112.523	90.210	0.3608	0.0511	14.170%
G10	P1	Positive control P1			0.0547	Error			*1780.176	*3057.532	0.0791	0.0229	29.013%

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Results													
Cell	Type	Sample Name	A/M	Group	OD 620 nm	Result 1	Result 2	Given Concentration	Mean Concentration	Calculated Concentration	Mean (OD)	Standard Deviation (OD)	Coefficient of Variation (OD)
G11	N1	Negative control N1			0.0572	Error			*220.901	*2873.693	0.2586	0.3221	124.535%
G12	N2	Negative control N2			0.2891	Error			*284.587	*177.035	0.2270	0.1036	45.646%
H1	S0	Std S0			0.5873	Error		25	21.270	38.628	0.7544	0.1104	14.632%
H2	S1	Std S1			0.4996	Error		50	45.405	55.762	0.5473	0.0780	14.252%
H3	S2	Std S2			0.5010	OK		100	80.159	55.398	0.4233	0.0470	11.099%
H4	P1	Positive control P1			0.0971	Error			*1780.176	*1285.007	0.0791	0.0229	29.013%
H5	N1	Negative control N1			0.5741	Error			220.901	40.699	0.2586	0.3221	124.535%
H6	N2	Negative control N2			0.0911	Error			*284.587	*1424.320	0.2270	0.1036	45.646%
H7	S3	Std S3			0.7700	Error		25	*35.462	*20.226	0.6093	0.1189	19.520%
H8	S4	Std S4			0.4659	Error		50	55.244	65.060	0.5017	0.0544	10.836%
H9	S5	Std S5			0.3927	Error		100	112.523	94.115	0.3608	0.0511	14.170%
H10	P1	Positive control P1			0.0714	Error			*1780.176	*2080.989	0.0791	0.0229	29.013%
H11	N1	Negative control N1			0.9559	Error			*220.901	*11.637	0.2586	0.3221	124.535%
H12	N2	Negative control N2			0.1015	Error			*284.587	*1195.442	0.2270	0.1036	45.646%



## Assay Info



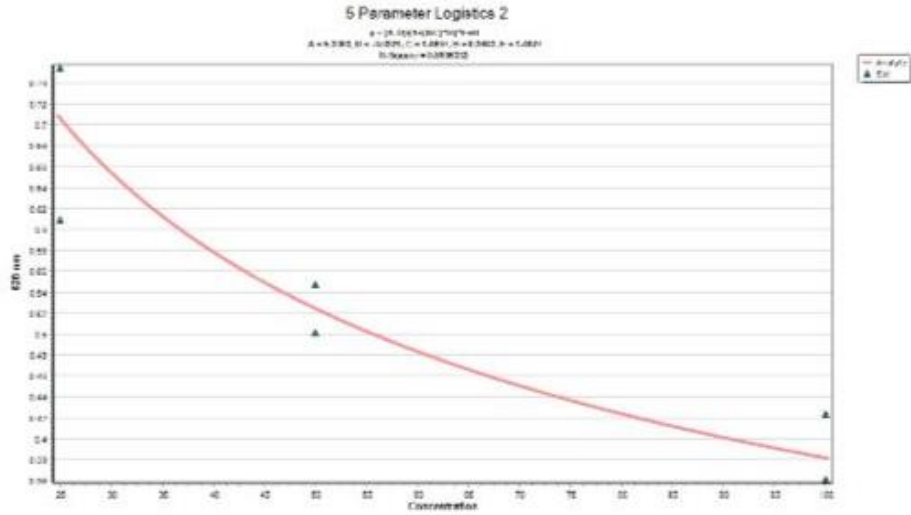
Variables and formulas		
Variable	Description	Formula
[P1_0]	K (Positive control)	Average[P1_0]
[N1_0]	K (Negative control)	Average[N1_0]
[N2_0]	K (Negative control)	Average[N2_0]
[T_0]	OD Sample	Average[T_0]
[S0]	Standard	Average[S0]
[S1]	Standard	Average[S1]
[S2]	Standard	Average[S2]
[S3]	Standard	Average[S3]
[S4]	Standard	Average[S4]
[S5]	Standard	Average[S5]
[B]	Background	Average[B]
[O]	Calc. concentration	Auto
[C]	Critical OD	[N1]+0.1
[F]	Coefficient of positivity	[T_0]/[C]

Result interpretation					
For variable	Conditional	Result 1 True	Result 1 False	Result 2 True	Result 2 False
[S0]	[S0]<[S1]	OK	Error		
[S1]	[S1]<[S2]	OK	Error		
[S2]	[S2]<[S3]	OK	Error		
[S3]	[S3]<[S4]	OK	Error		
[S4]	[S4]<[S5]	OK	Error		
[S5]	[S4]<[S5]	OK	Error		
[T]	((SMin)<[T])&&([T]<(SMax))	Intrapolated	Extrapolated		
[P1]	[P1]>1	OK	Error		
[N1]	[N1]<0.2	OK	Error		
[N2]	[N2]<0.2	OK	Error		

## Variable Calculations

Variables
0
[P1_0]=0.079
[N1_0]=0.259
[N2_0]=0.227
[S0]=0.754
[S1]=0.547
[S2]=0.423
[S3]=0.609
[S4]=0.502
[S5]=0.361
[B]=Undefined
[C]=0.359
[L0]=0.243
[SMin]=0.754
[SMax]=0.361
[S0_Conc]=21.270
[S1_Conc]=45.405
[S2_Conc]=80.159
[S3_Conc]=35.462
[S4_Conc]=55.244
[S5_Conc]=112.523
[SMin_Conc]=21.270
[SMax_Conc]=112.523
[P1_0_Conc]=1780.176
[N1_0_Conc]=220.901
[N2_0_Conc]=284.587

# Curve Fitting



Standards	Given Concentration	Calculated Concentration	OD 620 nm	Residuals	%Recovery	Sample Name	Cell
S0	25	*19.611	0.7796	-5.389	78.445%	Std S0	A1
S1	50	22.201	0.7414	-27.799	44.402%	Std S1	A2
S2	100	61.014	0.4797	-38.986	61.014%	Std S2	A3
S3	25	65.769	0.4636	40.769	263.074%	Std S3	A7
S4	50	34.887	0.6136	-15.113	69.774%	Std S4	A8
S5	100	76.804	0.4318	-23.196	76.804%	Std S5	A9
S0	25	*17.066	0.8241	-7.934	68.262%	Std S0	B1
S1	50	42.608	0.5628	-7.392	85.216%	Std S1	B2
S2	100	102.146	0.3778	2.146	102.146%	Std S2	B3
S3	25	42.384	0.5641	17.384	169.536%	Std S3	B7
S4	50	45.975	0.5443	-4.025	91.949%	Std S4	B8
S5	100	104.278	0.3741	4.278	104.278%	Std S5	B9
S0	25	23.748	0.7212	-1.252	94.994%	Std S0	C1
S1	50	57.273	0.4936	7.273	114.545%	Std S1	C2
S2	100	86.689	0.4081	-13.311	86.689%	Std S2	C3
S3	25	55.514	0.5006	30.514	222.056%	Std S3	C7
S4	50	76.823	0.4317	26.823	153.646%	Std S4	C8

Standards	Given Concentration	Calculated Concentration	OD 620 nm	Residuals	%Recovery	Sample Name	Cell
S5	100	108.631	0.3669	8.631	108.631%	Std S5	C9
S0	25	*10.561	0.9914	-14.439	42.242%	Std S0	D1
S1	50	44.255	0.5535	-5.745	88.511%	Std S1	D2
S2	100	78.177	0.4283	-21.823	78.177%	Std S2	D3
S3	25	35.012	0.6127	10.012	140.049%	Std S3	D7
S4	50	66.744	0.4605	16.744	133.488%	Std S4	D8
S5	100	*225.504	0.2559	125.504	225.504%	Std S5	D9
S0	25	26.912	0.6848	1.912	107.649%	Std S0	E1
S1	50	48.608	0.5311	-1.392	97.215%	Std S1	E2
S2	100	94.373	0.3922	-5.627	94.373%	Std S2	E3
S3	25	52.446	0.5135	27.446	209.784%	Std S3	E7
S4	50	64.113	0.4691	14.113	128.225%	Std S4	E8
S5	100	*146.157	0.3179	46.157	146.157%	Std S5	E9
S0	25	23.293	0.7269	-1.707	93.173%	Std S0	F1
S1	50	60.301	0.4823	10.301	120.602%	Std S1	F2
S2	100	*116.498	0.3548	16.498	116.498%	Std S2	F3
S3	25	32.184	0.6351	7.184	128.737%	Std S3	F7
S4	50	53.529	0.5088	3.529	107.059%	Std S4	F8
S5	100	*122.546	0.3463	22.546	122.546%	Std S5	F9
S0	25	23.845	0.7200	-1.155	95.381%	Std S0	G1
S1	50	52.252	0.5143	2.252	104.504%	Std S1	G2
S2	100	72.108	0.4445	-27.892	72.108%	Std S2	G3
S3	25	*17.535	0.8153	-7.465	70.141%	Std S3	G7
S4	50	51.133	0.5193	1.133	102.266%	Std S4	G8
S5	100	90.210	0.4006	-9.790	90.210%	Std S5	G9
S0	25	38.628	0.5873	13.628	154.514%	Std S0	H1
S1	50	55.762	0.4996	5.762	111.524%	Std S1	H2
S2	100	55.398	0.5010	-44.602	55.398%	Std S2	H3
S3	25	*20.226	0.7700	-4.774	80.903%	Std S3	H7
S4	50	65.060	0.4659	15.060	130.120%	Std S4	H8
S5	100	94.115	0.3927	-5.885	94.115%	Std S5	H9

## Lampiran 7. Lembar Konsultasi Skripsi



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### LEMBAR KONSULTASI SKRIPSI

Nama : Irmala Dewi

NIM : 1911102415101

Pembimbing : Chaerul Fadly Mochtar Luthfi M,S. Farm.,M. Biomed

Judul Penelitian : Aktivitas Fraksi N-butanol Daun Kelebut (*passiflora foetida* L) Terhadap Uji Penghambatan Mikroorganisme Dan Uji Biofilm *Pseudomonas Aeruginosa* dan *Escherichia coli*

No.	Tanggal	Materi Bimbingan	Arahan/Masukan	Bukti Konsultasi
1	11 November 2022	Pengarahan dalam pemilihan judul dan menyusun skripsi	Mendownload microsoft team sebagai sarana dalam pengerjaan proposal skripsi	
2	22 Desember 2022	Penentuan judul	Dikerjakan sesuai dengan KDM	
3	07 Januari 2023	Revisi bab 1 dan bab II proposal	Memperbaiki latar belakang dan kerangka teori	
4	14 Februari 2023	Revisi bab 3 proposal	Perhitungan dosis perlu diperhatikan	
5	12 Maret 2023	Determinasi tumbuhan	Diarahkan determinasi di Unmul	
6	17 April 2023	Pembuatan Ekstrak	Diarahkan agak mendapatkan ekstrak yang lebih kental	
7	19 Mei 2023	Uji bakteri	Melakukan adaptasi terlebih dahulu selama 7-14 hari	
8	04 juni 2023	Uji percobaan dan hasil data uji ke bakteri	Melakukan analisis data menggunakan SPSS	
9	11 juni 2023	Analisis Data	Menggunakan metode Anova	
10	17 juni 2023	Analisis Data dan Pembahasan	Pembahasan masih kurang lengkap dan perlu ditambahkan	
11	02 juli 2023	Revisi Skripsi	Melakukan perbaikan	
12	12 juli 2023	Revisi Skripsi	Melakukan perbaikan	
13	25 Juli 2023	Konsul Skripsi	Diarahkan untuk maju seminar hasil dan belajar agar dapat menguasai materi	

Lampiran 8. Hasil Uji Plagiasi

SK 1 : IRMALA DEWI [AKTIVITAS  
FRAKSI N-BUTANOL DAUN  
KELUBUT (*Passiflora foetida* L)  
TERHADAP UJI  
PENGHAMBATAN  
MIKROORGANISME DAN UJI  
BIOFILM *Pseudomonas*  
*aeruginosa* dan *Escherichia coli*

Submission date: 14-Dec-2023 11:29AM (UTC+0800)

Submission ID: 2190883171

File name: IRMALA\_DEWI\_1911102415101.docx (1.64M)

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SK 1 : IRMALA DEWI [AKTIVITAS FRAKSI N-BUTANOL DAUN  
KELUBUT (*Passiflora foetida* L) TERHADAP UJI  
PENGHAMBATAN MIKROORGANISME DAN UJI BIOFILM  
*Pseudomonas aeruginosa* dan *Escherichia coli* ]

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