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### Lampiran 1. Hasil diameter zona hambat penelitian Savitri

**Tabel 1.** Hasil pengukuran rata-rata diameter zona hambat ekstrak etanol daun kelor terhadap pertumbuhan bakteri *Staphylococcus aureus*

Konsentrasi	Diameter zona hambat (mm)			Rata-rata (mm)
	Ulangan 1	Ulangan 2	Ulangan 3	
K-	-	-	-	-
K+	28,60	29,00	28,30	28,63
20%	8,15	7,90	7,90	7,98
40%	9,00	9,10	8,90	9,00
60%	12,20	12,10	11,80	12,03
80%	14,00	14,20	13,85	14,02

## Lampiran 2. Hasil diameter zona hambat penelitian Dima *et al*

Tabel 1. Hasil pengukuran rata-rata diameter zona hambat ekstrak daun kelor (*Moringa oleifera* L.) terhadap Bakteri *Escherichia coli* dan *Staphylococcus aureus*

Konsentrasi	Rata- rata Diameter Zona Hambat Bakteri (mm)	
	<i>Escherichia coli</i>	<i>Staphylococcus aureus</i>
Kontrol -	-	-
Kontrol +	23.30	29.33
5%	13.33	12.16
10%	14.33	13.66
20%	15.83	16.00
40%	19.50	18.66
80%	22.66	20.50

**Lampiran 3. Hasil diameter zona hambat penelitian Peixoto *et al***

Konsentrasi	Rata-rata diameter zona bunuh bakteri ekstrak daun kelor (mm)	
	<i>Eschericia coli</i>	<i>Staphylococcus aureus</i>
Kontrol -	-	-
2%	-	-
4%	7,208	7,838
6%	7,823	8,487
8%	8,688	9,401
10%	9,833	11,123

**Lampiran 4. Hasil diameter zona hambat penelitian Maharani**

Konsentrasi	Rata-rata diameter zona bunuh bakteri ekstrak daun kelor (mm)	
	<i>Eschericia coli</i>	<i>Staphylococcus aureus</i>
Kontrol -	-	-
2%	-	-
4%	7,208	7,838
6%	7,823	8,487
8%	8,688	9,401
10%	9,833	11,123

### Lampiran 5. Hasil diameter zona hambat penelitian Garga

Table 1: Antibacterial activity of *Moringa oleifera* leaves and seeds crude extracts against the test bacteria

<b>Zones of inhibition in (mm)/ tested against <i>Staphylococcus aureus</i></b>				
<b>Concentration of extracts (mg/ml)</b>	<b>Leaves</b>		<b>Seeds</b>	
	<b>Methanol Ethylacete</b>		<b>Methanol Ethlyacetate</b>	
100	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0
300	15±0.0	0.0	14±1.4	0.0
400	18.5±0.7	0.0	16±1.4	16±0.0
500	20±1.4	13±1.4	19.5±0.7	18±1.4

## Lampiran 6. Hasil diameter zona hambat penelitian Abdallah

**Table 1. Antibacterial activity of different extracts of *Moringa oleifera* leaves against gram positive bacteria**

Extract	Mean zone of inhibition (mm) of tested bacteria (Mean±SEM)*		
	SA	SE	BC
Water 200 mg/ml	7.3±0.3	12.3±0.6	7.7±0.4
Butanol 200 mg/ml	10.3±0.3	14.0±0.0	9.0±0.6
Ethyl acetate 200 mg/ml	13.6±0.3	16.0±0.5	10.2±0.7
Chloroform 200 mg/ml	11.0±0.5	9.0±0.5	7.4±0.3
Chloramphenicol 5 mg/ml	33.0±1.5	36.6±0.3	32.0±1.2
DMSO 10%	0.0	0.0	0.0

\* Mean±standard error of means, – = No inhibitory activity. SA = *Staphylococcus aureus* ATCC 25923, SE = *Staphylococcus epidermidis* ATCC 49461, Bc = *Bacillus cereus* ATCC 10876

**Lampiran 7. Hasil diameter zona hambat penelitian Dave****Table.3** Determination of antimicrobial activity of *V. Negundo*, *R. indica* and *M. oleifera* against bacterial pathogens by disc diffusion method. Values represented as mean  $\pm$  SE (standard error)

Plant sample	Microorganism	Zone of inhibition (mm)	
		Methanol	Acetone
<i>M. oleifera</i>	<i>B. cereus</i>	17.83 $\pm$ 0.44	14.33 $\pm$ 0.88
	<i>S. aureus</i>	13.17 $\pm$ 0.60	10.50 $\pm$ 0.29
	<i>S. typhi</i>	9.67 $\pm$ 0.66	6.83 $\pm$ 0.17



### Lampiran 8. Hasil diameter zona hambat penelitian Abadallah & Aji

Isolates	Concentration (mg /mL)/Zone of inhibition (mm)				Control
	25	50	75	100	
<i>Escherichia coli</i>	7.25±0.00 <sup>a</sup>	8.10±0.00 <sup>a</sup>	10.59±0.11 <sup>b</sup>	12.50±0.13 <sup>c</sup>	18
<i>Salmonella typhi</i>	6.73±0.15 <sup>a</sup>	7.46±0.13 <sup>a</sup>	8.70±0.22 <sup>b</sup>	11.75±0.26 <sup>c</sup>	16
<i>Shigella spp</i>	8.70±0.17 <sup>a</sup>	9.78±0.20 <sup>a</sup>	12.50±0.09 <sup>b</sup>	13.40±0.31 <sup>b</sup>	21
<i>Staphylococcus aureus</i>	7.23±0.20 <sup>a</sup>	8.56±0.12 <sup>a</sup>	11.28±0.17 <sup>b</sup>	12.60±0.36 <sup>b</sup>	18
<i>Enterococcus faecalis</i>	6.00±0.00 <sup>a</sup>	7.10±0.26 <sup>a</sup>	10.80±0.14 <sup>b</sup>	11.40±0.21 <sup>b</sup>	15

**Key:** Values having different superscript on the same row are considered significantly different at p<0.05

**Table 2:** Antibacterial activity of *Moringa* leaves aqueous extract

Isolates	Concentration (mg /mL)/zone of inhibition (mm)				Control
	25	50	75	100	
<i>Escherichia coli</i>	9.80±0.20 <sup>a</sup>	11.54±0.12 <sup>b</sup>	12.20±0.17 <sup>b</sup>	14.50±0.17 <sup>c</sup>	18
<i>Salmonella typhi</i>	10.58±0.12 <sup>a</sup>	11.79±0.17 <sup>b</sup>	13.33±0.25 <sup>b</sup>	15.70±0.20 <sup>b</sup>	16
<i>Shigella spp</i>	11.20±0.32 <sup>a</sup>	11.89±0.25 <sup>a</sup>	14.70±0.32 <sup>b</sup>	17.60±0.37 <sup>c</sup>	21
<i>Staphylococcus aureus</i>	10.81±0.32 <sup>a</sup>	12.20±0.20 <sup>b</sup>	12.90±0.12 <sup>b</sup>	16.30±0.32 <sup>c</sup>	18
<i>Enterococcus faecalis</i>	9.50±0.14 <sup>a</sup>	9.75±0.31 <sup>a</sup>	10.67±0.15 <sup>a</sup>	12.90±0.21 <sup>b</sup>	15

**Key:** Values having different superscript on the same row are considered significantly different at p<0.05

**Table 3:** Antibacterial activity of *Moringa* leaf ethanol extract

### Lampiran 9. Hasil diameter zona hambat penelitian Bamigboye & Ajiboye

**Table 3.** Antibacterial activity of leaves extracts of *Moringa oleifera* against selected bacteria

Bacterial Isolates	Extracts/Zones of Inhibition (mm) ethanolic extract (mg/mL)			Aqueous extract (mg/mL)		
	10	20	30	10	20	30
<i>Escherichia coli</i>	15.32±0.29 <sup>a</sup>	23.65±0.47 <sup>a</sup>	28.94±0.71 <sup>a</sup>	4.36±0.26 <sup>a</sup>	7.28±0.15 <sup>a</sup>	14.39±0.36 <sup>b</sup>
<i>Bacillus megaterium</i>	20.15±0.34 <sup>b</sup>	22.59±0.29 <sup>b</sup>	27.06±0.61 <sup>a</sup>	1.75±0.48 <sup>a</sup>	6.32±0.29 <sup>b</sup>	10.17±0.58 <sup>b</sup>
<i>Staphylococcus aureus</i>	18.39±0.52 <sup>b</sup>	24.19±0.47 <sup>a</sup>	26.52±0.25 <sup>b</sup>	10.23±0.43 <sup>b</sup>	13.22±0.27 <sup>a</sup>	19.46±0.16 <sup>a</sup>
<i>Pseudomonas aeruginosa</i>	22.42±0.18 <sup>a</sup>	24.71±0.20 <sup>a</sup>	28.17±0.44 <sup>b</sup>	5.30±0.16 <sup>b</sup>	16.18±0.45 <sup>b</sup>	19.42±0.28 <sup>a</sup>
<i>Bacillus subtilis</i>	14.05±0.26 <sup>b</sup>	29.37±0.17 <sup>b</sup>	33.05±0.30 <sup>b</sup>	8.01±0.35 <sup>a</sup>	11.72±0.34 <sup>a</sup>	14.36±0.37 <sup>b</sup>

Values are means ± standard deviation of three replicates. Values in the same column with different superscript are significantly different at  $P < 0.05$ .

**Lampiran 10. Hasil diameter zona hambat penelitian Malhotra & Mandal**

**Table 2.** Antimicrobial activity of ethanolic leaf extract of *Moringa oleifera* against *S. Aureus* and *E.Coli*.

Bacterial strains	Zone of inhibition (mm)				
	Ampicillin	50 µL/ Well	100 µL/ Well	150 µL/ Well	200 µL/ Well
<i>S. aureus</i>	40	15	18	20	25
<i>E. coli</i>	30	15	16	18	22