

Lampiran

Lampiran 1. Perhitungan Rendemen Ekstrak

- Rendemen ekstrak etanol

$$= \frac{\text{Bobot ekstrak}}{\text{Bobot simplisia}} \times 100\% = \frac{24,7487 \text{ gr}}{50,0019 \text{ gr}} \times 100\% = 49,5 \%$$

- Rendemen infusa

$$= \frac{\text{Bobot ekstrak}}{\text{Bobot simplisia}} \times 100\% = \frac{9,8973 \text{ gr}}{50,2013 \text{ gr}} \times 100\% = 19,72\%$$

Lampiran 2. Perhitungan Pembuatan Konsentrasi Larutan Uji

- **Konsentrasi 20%**

$$= \frac{b}{v} \times 100$$

$$= \frac{0,2 \text{ gr}}{1 \text{ ml}} \times 100$$

$$= 20\%$$

- **Konsentrasi 40%**

$$= \frac{b}{v} \times 100$$

$$= \frac{0,4 \text{ gr}}{1 \text{ ml}} \times 100$$

$$= 40\%$$

- **Konsentrasi 60%**

$$= \frac{b}{v} \times 100$$

$$= \frac{0,6 \text{ gr}}{1 \text{ ml}} \times 100$$

$$= 60\%$$

- **Konsentrasi 80%**

$$= \frac{b}{v} \times 100$$

$$= \frac{0,8 \text{ gr}}{1 \text{ ml}} \times 100$$

$$= 80\%$$

Lampiran 3. Hasil Diameter Zona Hambat Ekstrak Daun Kelor

Konsentrasi	Diameter Zona Hambat (mm)			Rata-rata (mm)
	Replikasi 1	Replikasi 2	Replikasi 3	
Kontrol positif	8	15	13	12
Kontrol negatif	0	0	0	0
Infusa 20%	2	2	0	1.3
Infusa 40%	3	3	0	2
Infusa 60%	2	2	3	2.3
Infusa 80%	3	4	0	2.3
Maserasi 20%	2	2	3	2.3
Maserasi 40%	3	3	2	2.67
Maserasi 60%	3	3	3	3
Maserasi 80%	4	3	3	3.33

Lampiran 4. Hasil Uji Statistik

- Uji Normalitas

Tests of Normality^{b,c}

	Konsentrasi	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Diameter Zona Hambat	1	,276	3	.	,942	3	,537
	3	,385	3	.	,750	3	,000
	4	,385	3	.	,750	3	,000
	5	,385	3	.	,750	3	,000
	6	,292	3	.	,923	3	,463
	7	,385	3	.	,750	3	,000
	8	,385	3	.	,750	3	,000
	10	,385	3	.	,750	3	,000

a. Lilliefors Significance Correction

b. Diameter Zona Hambat is constant when Konsentrasi = 2. It has been omitted.

c. Diameter Zona Hambat is constant when Konsentrasi = 9. It has been omitted.

- Uji Kruskal-Wallis

Kruskal-Wallis Test

	Ranks		
	konsentrasi	N	Mean Rank
Diameter Zona hambat	1	3	29,00
	2	3	3,50
	3	3	7,83
	4	3	14,17
	5	3	13,17
	6	3	16,50
	7	3	13,17
	8	3	16,33
	9	3	19,50
	10	3	21,83
Total		30	

Test Statistics^{a,b}




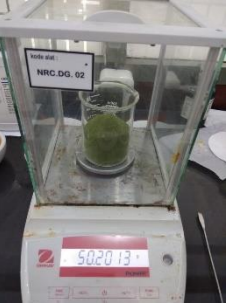





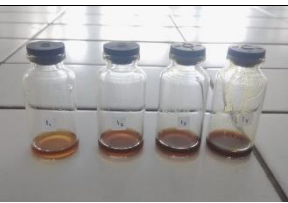
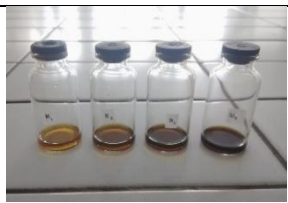


Diameter Zona hambat	
Chi-Square	19,251
df	9
Asymp. Sig.	,023

a. Kruskal Wallis Test


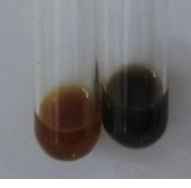
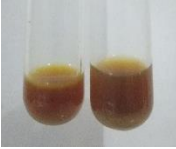




b. Grouping Variable:
konsentrasi

Lampiran 5. Proses Pembuatan Ekstrak Daun Kelor

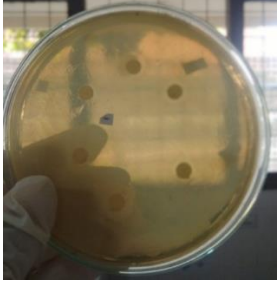
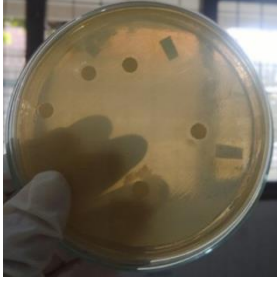
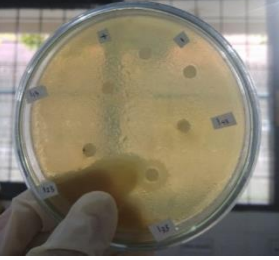
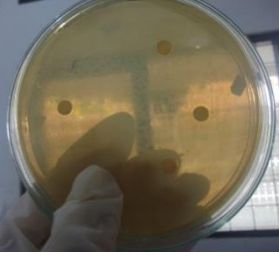



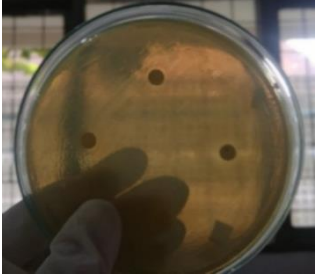
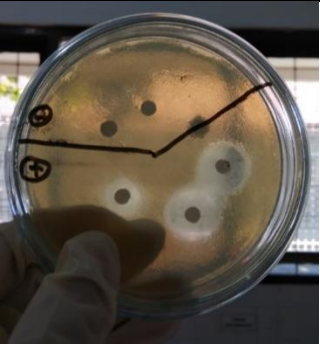
 <p>Perhitungan kadar air</p>	 <p>Hasil perhitungan kadar air simplisia daun kelor</p>	 <p>Serbuk simplisia daun kelor</p>	
 <p>Penimbangan serbuk simplisia daun kelor</p>	 <p>Proses maserasi simplisia daun kelor</p>	 <p>Proses evaporasi</p>	
 <p>Proses infundasi</p>	 <p>Penyaringan filtrat ekstrak daun kelor</p>	 <p>Pengentalan ekstrak daun kelor</p>	
 <p>Pembuatan variasi konsentrasi ekstrak etanol daun kelor</p>	 <p>Pembuatan variasi konsentrasi infusa daun kelor</p>	 <p>Kontrol positif (kloramfenikol)</p>	 <p>Kontrol negatif (aquadest)</p>

Lampiran 6. Hasil Uji Skrining Fitokimia Simplisia Daun Kelor

No.	Parameter Uji	Gambar	Hasil
1.	Flavonoid		+
2.	Tanin		+
3.	Alkaloid Mayer		+
	Alkaloid Dragendorf		-
	Alkaloid Bouchardat		+
4.	Saponin		+
5.	Terpenoid		+

Lampiran 7. Uji Daya Hambat Ekstrak Daun Kelor

No.	Cawan	Gambar	Keterangan
1.	Cawan 1		Replikasi 1 Infusa 20%, 40%, 60%, 80%
2.	Cawan 2		Replikasi 2 Infusa 20%, 40%, 60%, 80%
3.	Cawan 3		Replikasi 3 Infusa 20%, 40%, 60%, 80%
4.	Cawan 4		Replikasi 1 Maserasi 20%, 40%, 60%, 80%
5.	Cawan 5		Replikasi 2 Maserasi 20%, 40%, 60%, 80%

6.	Cawan 6		Replikasi 3 Maserasi 20%, 40%, 60%, 80%
7.	Cawan 7		Kontrol positif (kloramfenikol) dan kontrol negatif (aquadest)