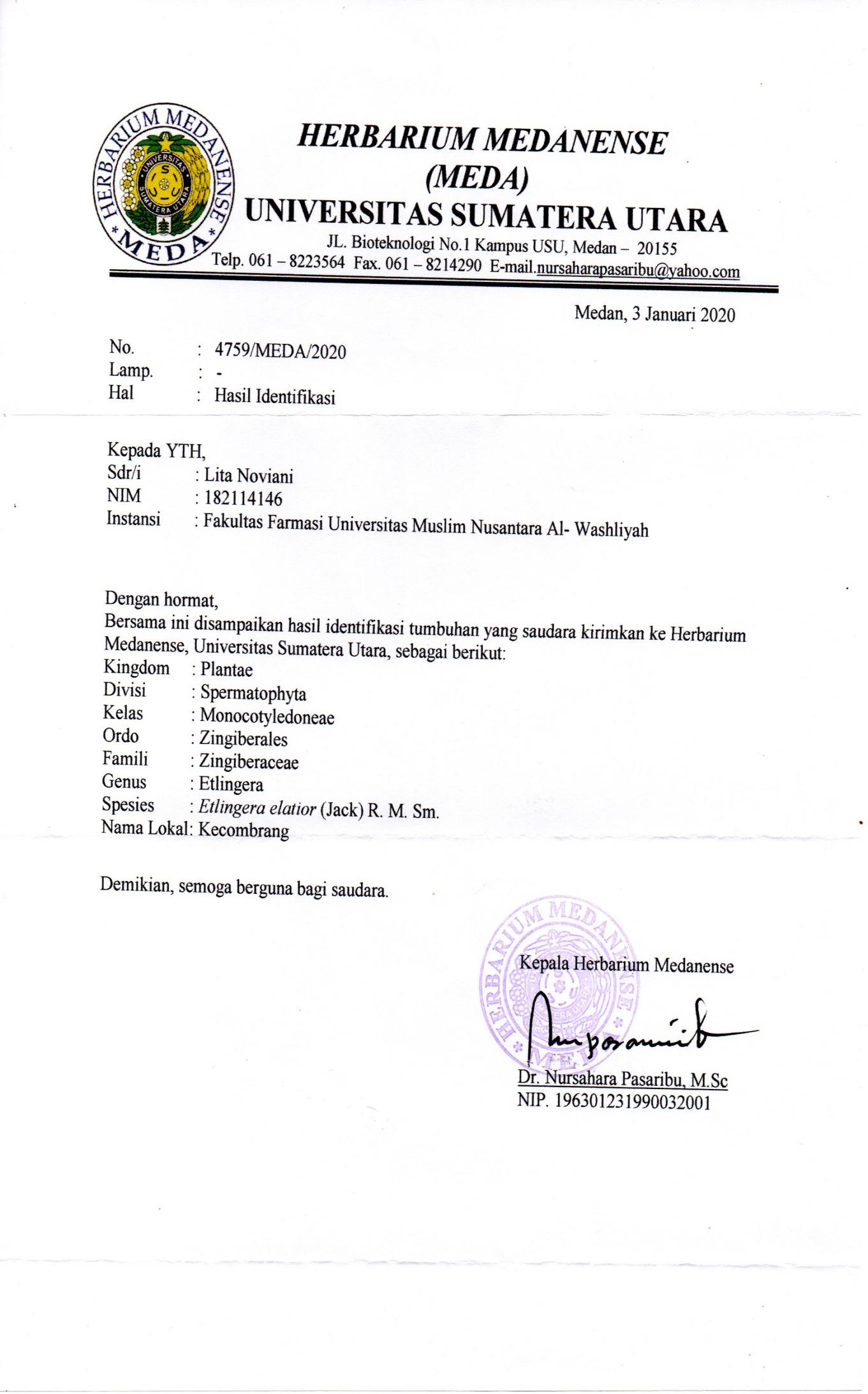
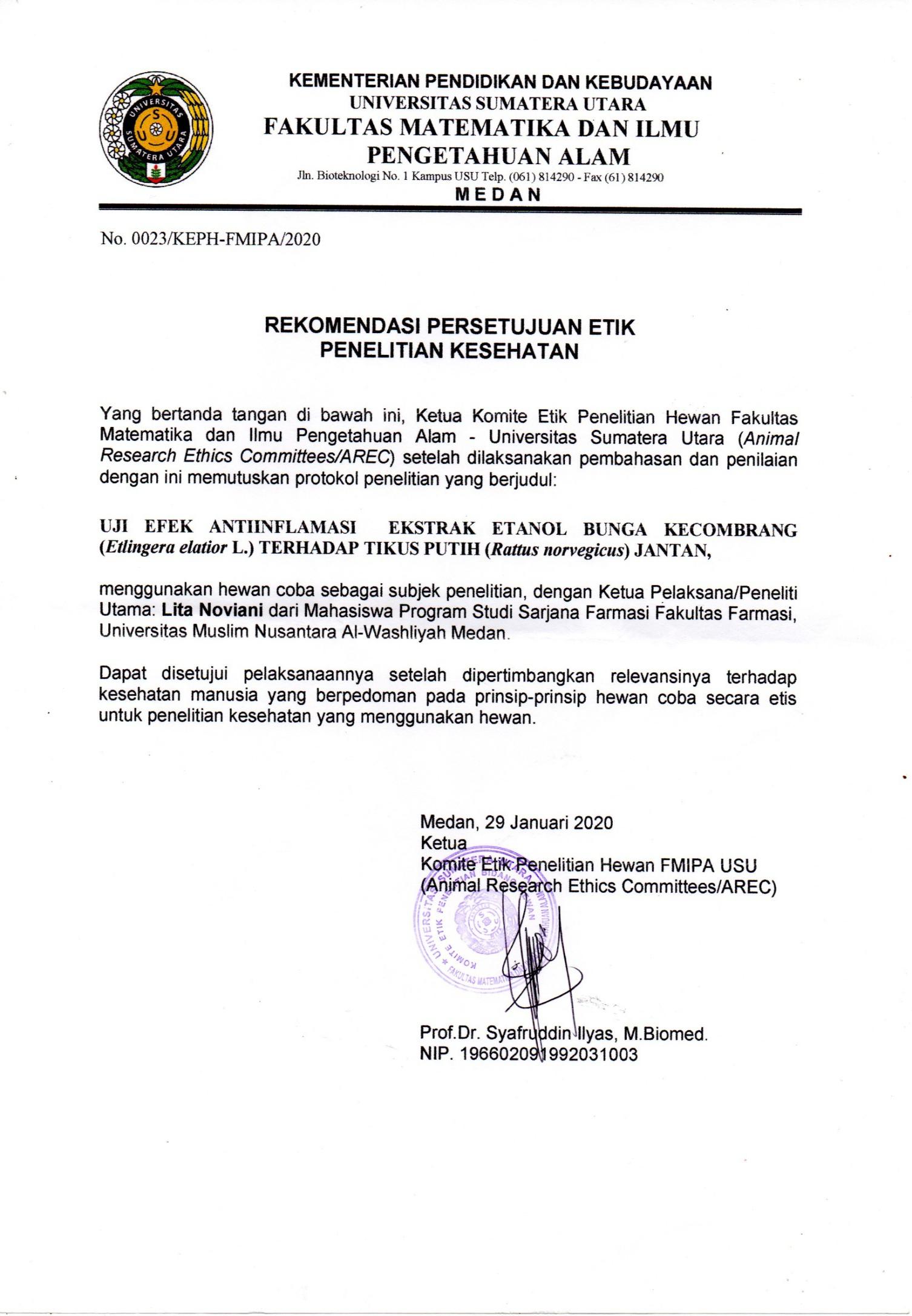
**Lampiran 1.** Hasil Determinasi Tumbuhan



**Lampiran 2.** Rekomendasi Persetujuan Etik Penelitian Kesehatan



**Lampiran 3.** Dokumentasi Makroskopis Sampel Bunga Kecombrang

Tangkai 



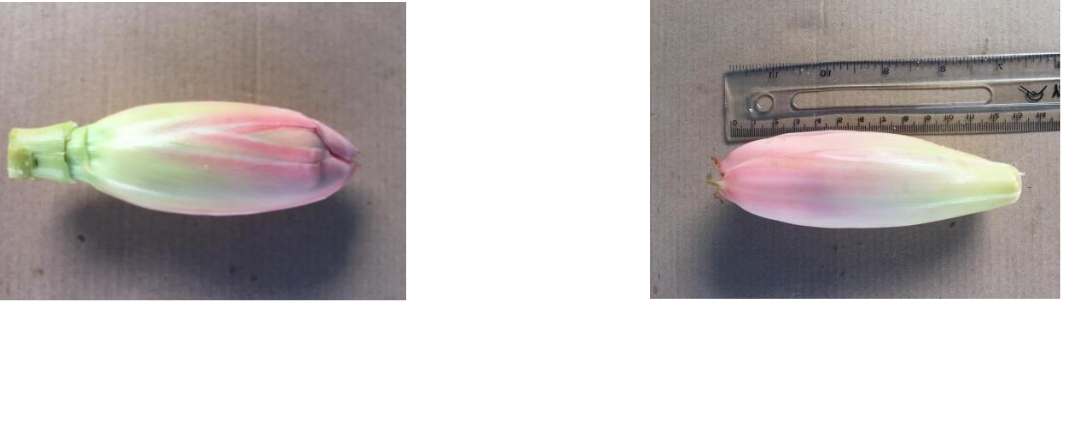
Tangkai bunga kecombrang Tangkai bunga dengan



panjang 8,5 cm

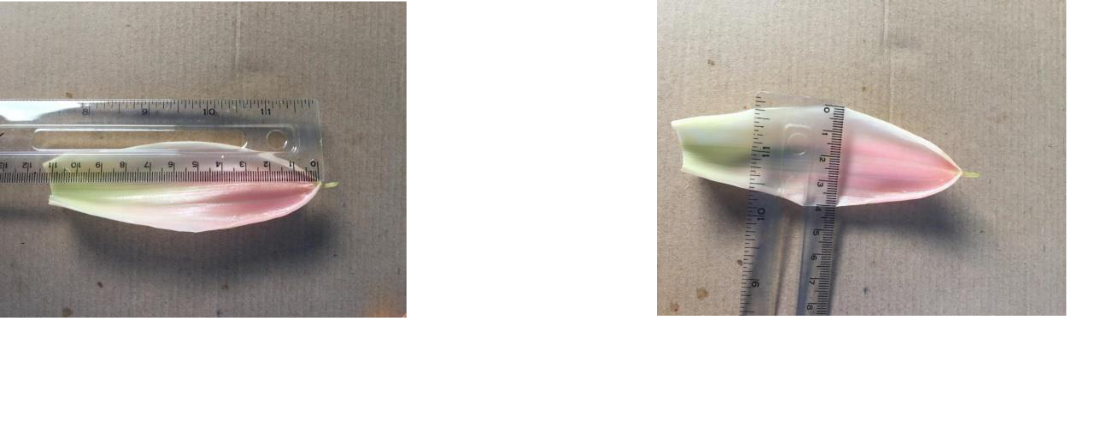


Bunga 



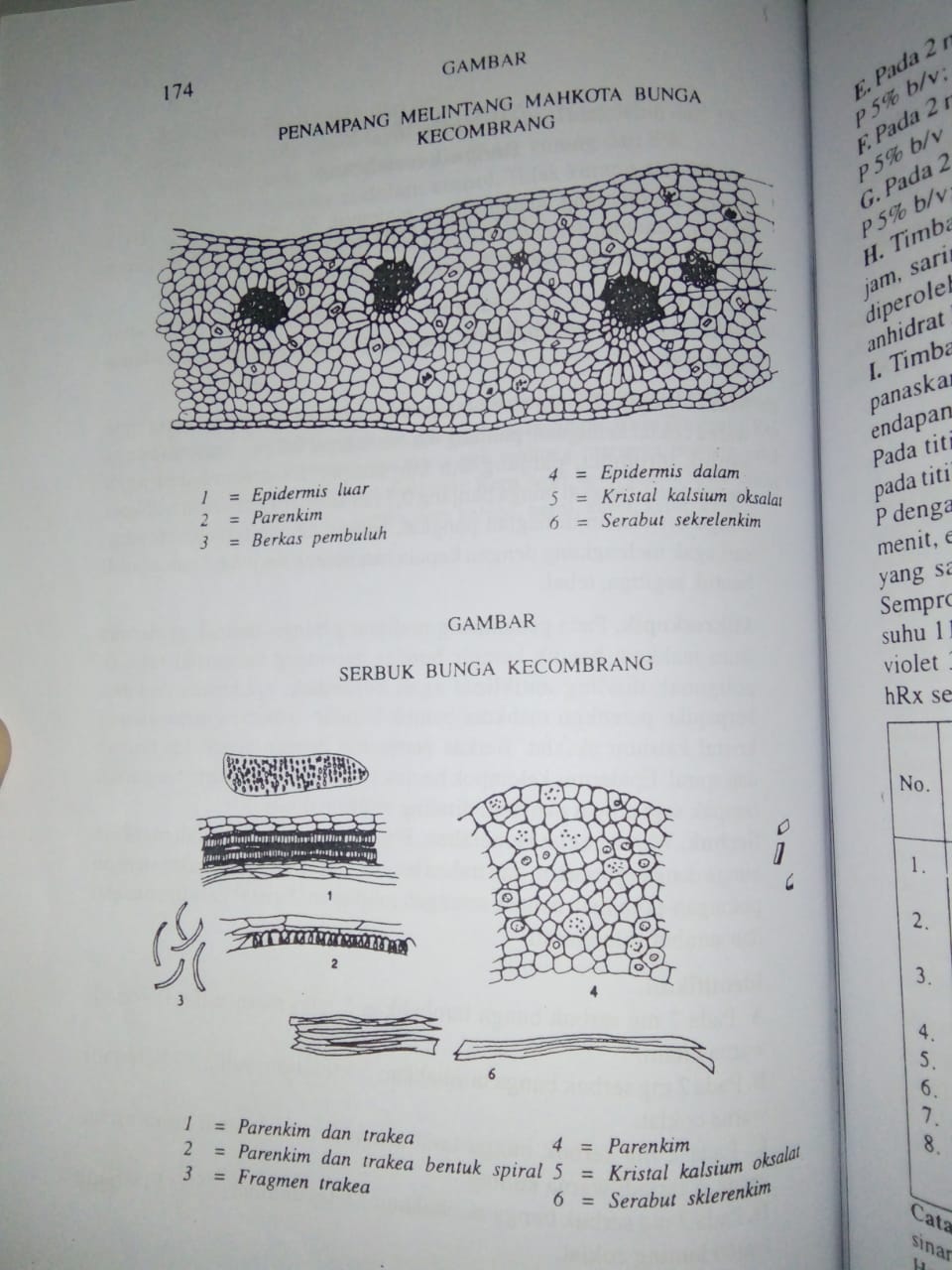
Bunga berbentuk bonggol Bonggol bunga panjang 13 cm

Helaian bunga

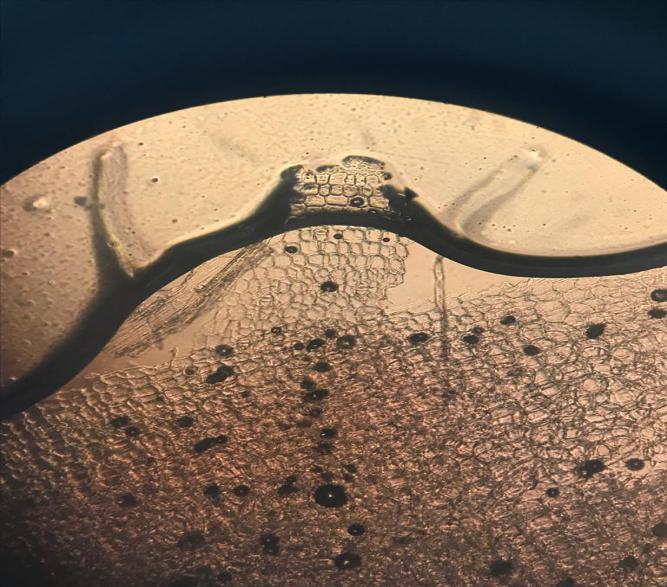


Panjang helaian bunga 11 cm Lebar helaian bunga 4 cm

**Lampiran 4.** Mikroskopik Serbuk Bunga Kecombrang



Perbesaran 400x



5. Kristal kalsium oksalat

6. Serabut Sklerenkim

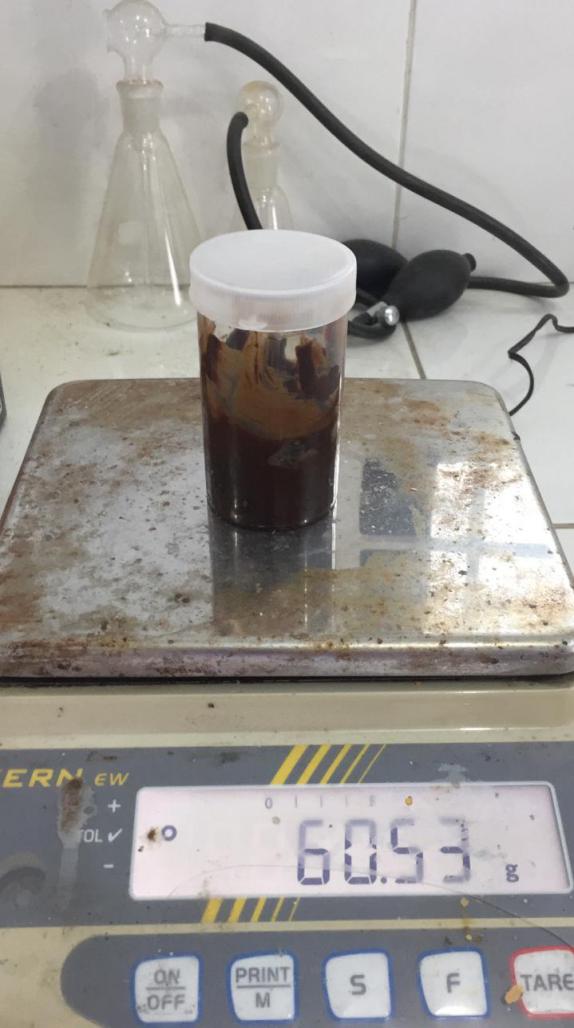
4. Parenkim

**Lampiran 5.** Pembuatan Simplisia Bunga Kecombrang





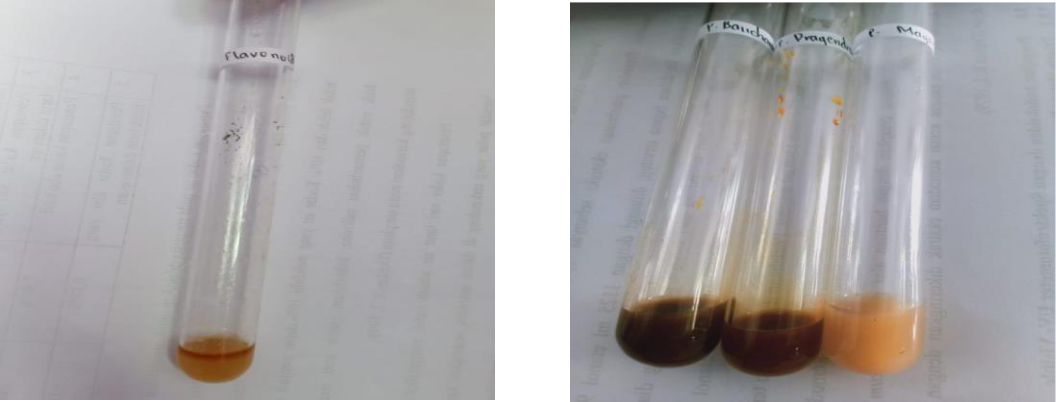
Tumbuhan Kecombrang Bunga Kecombrang



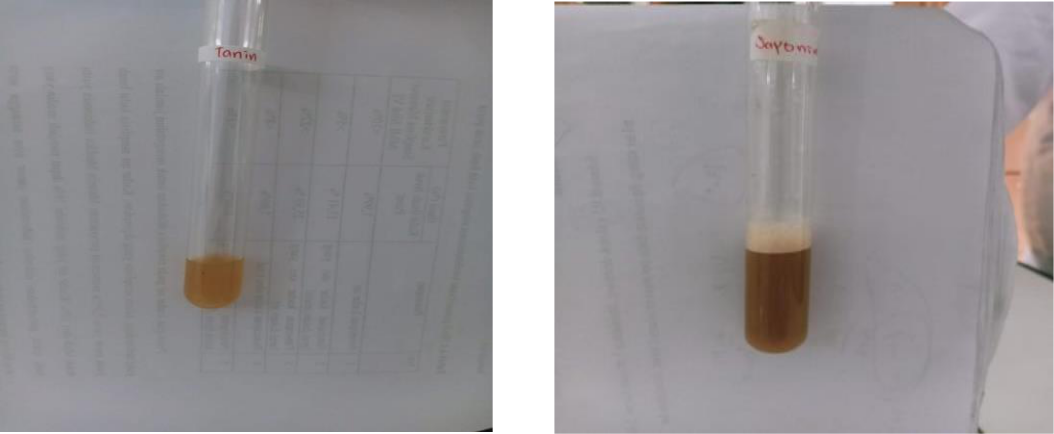


Serbuk simplisia Ekstrak etanol bunga kecombrang

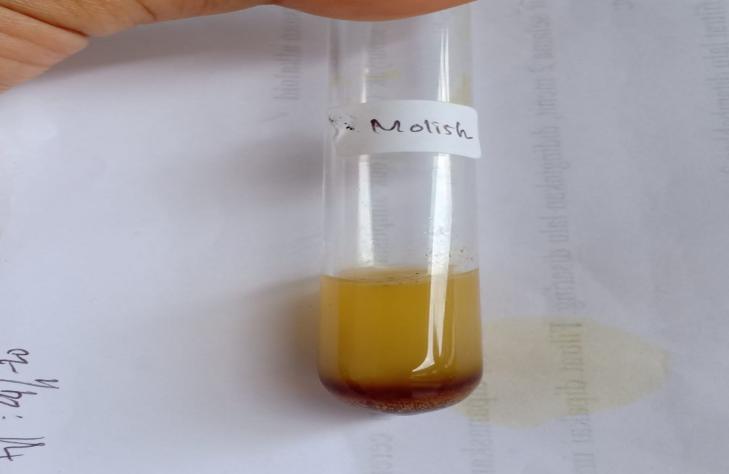
**Lampiran 6.** Hasil UjiSkrining Fitokimia

****

Flavonoid Alkaloid

****

Tanin Saponin

** **

Triterpenoid Glikosida

**Lampiran 7.** Pembuatan Suspensi





Suspensi Natrium Diklofenak Suspensi Ekstrak Etanol Bunga

Kecombrang

**Lampiran 8.** Pengujian Farmakologi

****

Alat plestismometer Penyuntikan λ-karagenan



Sebelum diinduksi λ-karagenan Sesudah diinduksi λ-karagenan

**Lampiran 9.** Bagan Alir Penelitian

Bunga kecombrang

Dibersihkan

Dicuci bersih

Ditiriskan

Ditimbang

Bunga kecombrang 5 kg

Dikeringkan

Ditimbang

Simplisia kering 800 gr

Dihaluskan

Ditimbang

Serbuk simplisia 530 gr

Serbuk simplisia 500 gr

Pemeriksaan karakteristik

Dilakukan skrining fitokimia serbuk dan ekstrak

Di maserasi

1. makroskopik

2. mikroskopik

3. penetapan kadar air

4.penetapan kadar sari larut dalam air

5.penetapan kadar sari larut dalam etanol

6.penetapan kadar abu total

7. penetapan kadar abu tidak larut dalam asam

Maserat

1. alkaloida

2. tanin

3. flavonida

4. glikosida

5. steroida/

triterpenoid

6. saponin

Diuapkan dengan

rotari evaporatory

Ekstrak kental 60,53 gr

Dilakukan uji antiinflamasi

**Lampiran 10.** Bagan Alir Pengujian Farmakologi

25 ekor tikus putih jantan

Dipuasakan ± 18 jam

Kelompok 5

(5 ekor)

Kelompok 4

(5 ekor)

Kelompok 3

(5 ekor)

Kelompok 2

(5 ekor)

Kelompok 1

(5 ekor)

Pengukuran volume awal kaki tikus

Pengukuran volume awal 1 jam setelah pemberian karagenan 1%

Diberi EEBK 500 mg/kgBB

Diberi EEBK 300 mg/kg BB

Diberi EEBK 100 mg/kg BB

Kontrol positif diberi suspensi Na diklofenak

Kontrol negatif diberi suspensi CMC 0,5%

Pengukuran pengukuran volume kaki tikus setelah 60 menit sekali selama 6 jam

Analisis data

**Lampiran 11.** Perhitungan Karakterisasi Simplisia

1. **Perhitungan Hasil Penetapan Kadar air**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Berat Sampel (g)** | **Volume Awal (V0)**  **(ml)** | **Volume Akhir (V1)**  **(ml)** |
| 1 | 5 | 0,2 | 0,5 |
| 2 | 5 | 0,3 | 0,5 |
| 3 | 5 | 0,2 | 0,6 |

Kadar air =

**Pengulangan 1**

V0 = 0,2 ml

V1 = 0,5 ml

Sampel = 5 g

Kadar air =

=

= 6%

**Pengulangan 2**

V0 = 0,3 ml

V1 = 0,5 ml

Sampel = 5 g

Kadar air =

=

= 4%

**Pengulangan 3**

V0 = 0,2 ml

V1 = 0,6 ml

Sampel = 5 g

Kadar air =

=

= 8 %

Rata-rata kadar air =

= 6%

**Lampiran 11**. (Lanjutan)

1. **Perhitungan Hasil Penetapan Kadar Sari larut dalam Air**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Berat Sampel (g)** | **Berat Cawan Kosong (g)** | **Berat Setelah Diuapkan (g)** |
| 1 | 5 | 35,9146 | 35,9765 |
| 2 | 5 | 28,9432 | 28,8613 |
| 3 | 5 | 42,6679 | 42,6170 |

% Kadar sari larut dalam air =x 100%

**Pengulangan 1**

% Kadar sari larut dalam air x 100%

= 6 %

**Pengulangan 2**

% Kadar sari larut dalam airx 100 %

**Pengulangan 3**

% Kadar sari larut dalam airx 100 %

% Rata-Rata kadar sari larut dalam air=

**Lampiran 11**. (Lanjutan)

1. **Perhitungan Hasil Penetapan Kadar Sari Larut Dalam Etanol**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Berat Sampel (g)** | **Berat Cawan Kosong (g)** | **Berat Setelah Diuapkan (g)** |
| 1 | 5 | 36,8853 | 36,8453 |
| 2 | 5 | 32,1257 | 32,9702 |
| 3 | 5 | 36,8837 | 36,8456 |

% Kadar sari larut dalam etanol=x 100%

**Pengulangan 1**

% Kadar sari larut dalam etanol x 100 %

**Pengulangan 2**

% Kadar sari larut dalam etanol x 100 %

**Pengulangan 3**

% Kadar sari larut dalam etanol x 100 %

% Rata-Rata kadar sari larut etanol =

=

**Lampiran 11**. (Lanjutan)

1. **Perhitungan Hasil Penetapan Kadar Abu Total**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Berat Sampel (g)** | **Berat Krus Kosong (g)** | **Berat Krus Setelah Dipijar (g)** |
| 1 | 2 | 60,8648 | 61,0897 |
| 2 | 2 | 59,8621 | 60,0837 |
| 3 | 2 | 52,0128 | 52,2396 |

% Kadar Abu Total = x 100%

**Pengulangan 1**

% Kadar Abu Total = x 100%

=

**Pengulangan 2**

% Kadar Abu Total = x 100%

%

**Pengulangan 3**

% Kadar Abu Total = x 100%

%

% Rata-Rata kadar abu total

= 11,15%

**Lampiran 11**. (Lanjutan)

1. **Perhitungan Hasil Penetapan Kadar Abu Tidak Larut Asam**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Berat Sampel (g)** | **Berat Krus Kosong (g)** | **Berat Krus Setelah Dipijar (g)** |
| 1 | 0,0333 | 60,8648 | 60,8619 |
| 2 | 0,0301 | 59,8621 | 59,8657 |
| 3 | 0,0297 | 52,0128 | 52,0177 |

% Kadar Abu Tidak Larut Asam= x 100%

**Pengulangan 1**

% Kadar Abu tidak larut asam = x 100%

=

**Pengulangan 2**

% Kadar Abu tidak larut asam = x 100%

=

**Pengulangan 3**

% Kadar Abu tidak larut asam = x 100%

=

% Rata-Rata kadar abu tidak larut asam

= 0,19 %

**Lampiran 12.** Tabel konversi dosis (g); tabel volume maksimum lambung pada hewan (ml) dan contoh perhitungan dosis

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Konvesi | Mencit 20 g | **Tikus 200 g** | Marmut 400 g | Kelinci 1,5 kg | Kucing 1,5 kg | Kera 4 kg | Anjing 12 kg | Manusia 70 kg |
| Mencit 20 g | 1,0 | 7,0 | 12,23 | 27,80 | 29,70 | 64,10 | 124,20 | 387,9 |
| Tikus 200 g | 0,14 | 1,0 | 1,74 | 3,90 | 4,20 | 9,20 | 17,80 | 56,0 |
| Marmut 400 g | 0,08 | 0,57 | 1,0 | 2,25 | 2,40 | 5,20 | 10,20 | 31,50 |
| Kelinci 1,5 g | 0,04 | 0,25 | 0,44 | 1,0 | 1,08 | 2,40 | 4,50 | 14,20 |
| Kucing 1,5 g | 0,03 | 0,23 | 0,41 | 0,92 | 1,0 | 2,20 | 4,10 | 13,0 |
| Kera 4kg | 0,016 | 0,11 | 0,19 | 0,42 | 0,43 | 0,1 | 1,9 | 6,1 |
| Anjing 12 kg | 0,008 | 0,06 | 0,10 | 0,22 | 1,24 | 0,52 | 1,0 | 3,10 |
| **Manusia 70 kg** | 0,0026 | **0,018** | 0,031 | 0,07 | 0,076 | 0,16 | 0,32 | 1,0 |

**Lampiran 12.** (Lanjutan)

Tabel konversi dosis hewan percobaan dengan manusia

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Jenis hewan uji | Volume maksimum (ml) sesuai jalur pemberian | | | | |
| i.v | i.m | **i.p** | s.c | **p.o** |
| Mencit  (20-30 g) | 0,5 | 0,05 | 1,0 | 0,5-1,0 | 1,0 |
| **Tikus**  **(200 g)** | 1,0 | 0,1 | **2-5** | 2-5 | **5,0** |
| Hamster  (50 g) | - | 0,1 | 1-2 | 2,5 | 2,5 |
| Maemut  (250 g) | - | 0,25 | 2-5 | 5,0 | 10,0 |
| Kelinci  (3 kg) | 5-10 | 0,5 | 10-20 | 5-10 | 20,0 |
| Kucing  (3 kg) | 5-10 | 1,0 | 10-20 | 5-10 | 50,0 |
| Anjing  (5 kg) | 10-20 | 5,0 | 20-50 | 10,0 | 100,0 |

**Lampiran 13.** Perhitungan Dosis

**1. Perhitungan Dosis CMC 0,5%**

CMC 0,5% = Jumlah cmc / Volume Suspensi

= 0,5 g / 100 ml

= 500 mg / 100 ml

= 5 mg / ml

Perhitungan CMC 0,5% pada tikus dengan BB =200 g

= x200 g

= 1 ml

**2. Perhitungan Dosis Na Diklofenak**

Konversi dosis Na diklofenak dari manusia (70 kg) ke tikus (200 g) = 0,018

Dosis Na diklofenak untuk manusia dewasa dengan BB (70 kg) = 25 mg

Maka dosis pada tikus Na diklofenak = dosis terapi manusia x 0,018

= 0,45 mg/0,2 kg

= 2,25 mg/kgBB

Konsentrasi Suspensi Na diklofenak

Suspensi Na diklofenak 0,025% = Jumlah Na diklofenak / Volume Suspensi

= 25 mg / 100 ml

= 0,25 mg / ml

Dosis untuk tikus (200 g) = 2,25/1000 g x 200 g

= 0,45 mg

Volume suspensi yang diambil =

=

= 1,8 ml

**Lampiran 13.** (Lanjutan)

**3. Perhitungan Dosis EEBK 100 mg/kg BB**

* Konsentrasi suspensi EEBK

Konsentrasi EEBK 1% = Jumlah EEBK / Volume Suspensi

= 1000 mg / 100 ml

= 10 mg/ml

* BB tikus 200 g atau 0,2 kg
* Perhitungan dosis 100 mg/kgBB

= x 200 g = 20 mg

Volume suspensi yang diberikan =

=

= 2 ml

**4. Perhitungan Dosis EEBK 300 mg/kg BB**

* Konsentrasi suspensi EEBK

Konsentrasi EEBK 3% = Jumlah EEBK / Volume Suspensi

= 3000 mg / 100 ml

= 30 mg/ml

* BB tikus 200 g atau 0,2 kg
* Perhitungan dosis 300 mg/kgBB

= x 200 g = 60 mg

* Volume suspensi yang diberikan =

=

= 2 ml

**Lampiran 13.** (Lanjutan)

1. **Perhitungan Dosis EEBK 500 mg/kg BB**

* Konsentrasi suspensi EEBK

Konsentrasi EEBK 5% = Jumlah EEBK / Volume Suspensi

= 5000 mg / 100 ml

= 50 mg/ml

* BB tikus 200 g atau 0,2 kg
* Perhitungan dosis 500 mg/kgBB

= x 200 g

= 100 mg

* Volume suspensi yang diberikan =

=

= 2 ml

**Lampiran 14**. Perhitungan Persen Radang dan Persen Inhibisi Radang

1. **Persen Radang**

Vt =Volume kaki setelah radang

V0 = Volume kaki sebelum radang

Misalnya:

Ekstrak bunga kecombrang dosis 100 mg/kg BB pada menit ke-60

Diketahui:

Vt = 0.062

Vo =0.052

x 100% = 16.12%

1. **Persen Inhibisi Radang**

(%IR) = x 100%

a = Persen radang rata-rata kelompok kontrol

b= Persen radang rata-rata kelompok perlakuan mendapat bahan uji atau obat pembanding

Misalnya

Ekstrak etanol bunga kecombrang 100 mg/kg BB pada menit ke 60

a= 16.10

b= 11.45

Persen radang inhibisi =x 100%= 28.88%

**Lampiran 15.** Data Perlakuan Hewan Uji

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | Vo | 60 menit | | 120 menit | | 180 menit | | 240 menit | | 300 menit | | 360 menit | |
| V1 | % Radang | V2 | % Radang | V3 | % Radang | V4 | % Radang | V5 | % Radang | V6 | % Radang |
| Na CMC 0.5% | 0.056 | 0.065 | 16.07 | 0.07 | 25.00 | 0.073 | 30.36 | 0.078 | 39.29 | 0.085 | 51.79 | 0.087 | 55.36 |
| 0.054 | 0.062 | 14.81 | 0.068 | 25.93 | 0.071 | 31.48 | 0.077 | 42.59 | 0.091 | 68.52 | 0.093 | 72.22 |
| 0.06 | 0.07 | 16.67 | 0.074 | 23.33 | 0.075 | 25.00 | 0.085 | 41.67 | 0.087 | 45.00 | 0.091 | 51.67 |
| 0.057 | 0.067 | 17.54 | 0.071 | 24.56 | 0.076 | 33.33 | 0.086 | 50.88 | 0.093 | 63.16 | 0.094 | 64.91 |
| 0.052 | 0.06 | 15.38 | 0.065 | 25.00 | 0.07 | 34.62 | 0.081 | 55.77 | 0.088 | 69.23 | 0.092 | 76.92 |
| Rata-Rata |  |  | 16.10 |  | 24.76 |  | 30.96 |  | 46.04 |  | 59.54 |  | 64.22 |
| Na Diklofenak | 0.059 | 0.064 | 8.47 | 0.067 | 13.56 | 0.071 | 20.34 | 0.067 | 13.56 | 0.063 | 6.78 | 0.062 | 5.08 |
| 0.067 | 0.069 | 2.99 | 0.072 | 7.46 | 0.075 | 11.94 | 0.072 | 7.46 | 0.07 | 4.48 | 0.068 | 1.49 |
| 0.048 | 0.051 | 6.25 | 0.055 | 14.58 | 0.057 | 18.75 | 0.057 | 18.75 | 0.055 | 14.58 | 0.05 | 4.17 |
| 0.069 | 0.074 | 7.25 | 0.081 | 17.39 | 0.085 | 23.19 | 0.082 | 18.84 | 0.078 | 13.04 | 0.075 | 8.70 |
| 0.063 | 0.066 | 4.76 | 0.07 | 11.11 | 0.073 | 15.87 | 0.067 | 6.35 | 0.065 | 3.17 | 0.065 | 3.17 |
| Rata-Rata |  |  | 5.94 |  | 12.82 |  | 18.02 |  | 12.99 |  | 8.41 |  | 4.52 |
| EEBK 100 mg/kg bb | 0.045 | 0.05 | 11.11 | 0.054 | 20.00 | 0.058 | 28.89 | 0.059 | 31.11 | 0.053 | 17.78 | 0.052 | 15.56 |
| 0.052 | 0.062 | 19.23 | 0.067 | 28.85 | 0.07 | 34.62 | 0.068 | 30.77 | 0.063 | 21.15 | 0.06 | 15.38 |
| 0.057 | 0.062 | 8.77 | 0.068 | 19.30 | 0.07 | 22.81 | 0.07 | 22.81 | 0.067 | 17.54 | 0.065 | 14.04 |
| 0.062 | 0.066 | 6.45 | 0.075 | 20.97 | 0.080 | 29.03 | 0.078 | 25.81 | 0.075 | 20.97 | 0.071 | 14.52 |
| 0.06 | 0.067 | 11.67 | 0.073 | 21.67 | 0.078 | 30.00 | 0.075 | 25.00 | 0.072 | 20.00 | 0.069 | 15.00 |
| Rata-Rata |  |  | 11.45 |  | 22.16 |  | 29.07 |  | 27.10 |  | 19.49 |  | 14.90 |
| **Lampiran 15.** (Lanjutan) | | | | | | | | | | | | | |
| EEBK 300 mg/kg bb | 0.049 | 0.055 | 12.24 | 0.057 | 16.33 | 0.062 | 26.53 | 0.06 | 22.45 | 0.056 | 14.29 | 0.055 | 12.24 |
| 0.053 | 0.058 | 9.43 | 0.063 | 18.87 | 0.066 | 24.53 | 0.064 | 20.75 | 0.061 | 15.09 | 0.06 | 13.21 |
| 0.061 | 0.068 | 11.48 | 0.07 | 14.75 | 0.074 | 21.31 | 0.072 | 18.03 | 0.069 | 13.11 | 0.068 | 11.48 |
| 0.060 | 0.066 | 10.00 | 0.072 | 20.00 | 0.078 | 30.00 | 0.077 | 28.33 | 0.070 | 16.67 | 0.067 | 11.67 |
| 0.059 | 0.064 | 8.47 | 0.068 | 15.25 | 0.073 | 23.73 | 0.07 | 18.64 | 0.068 | 15.25 | 0.065 | 10.17 |
| Rata –Rata |  |  | 10.33 |  | 17.04 |  | 25.22 |  | 21.64 |  | 14.88 |  | 11.75 |
| EEBK 500 mg/kg bb | 0.058 | 0.061 | 5.17 | 0.064 | 10.34 | 0.071 | 22.41 | 0.068 | 17.24 | 0.064 | 10.34 | 0.06 | 3.45 |
| 0.051 | 0.055 | 7.84 | 0.058 | 13.73 | 0.062 | 21.57 | 0.06 | 17.65 | 0.057 | 11.76 | 0.054 | 5.88 |
| 0.044 | 0.047 | 6.82 | 0.051 | 15.91 | 0.055 | 25.00 | 0.053 | 20.45 | 0.049 | 11.36 | 0.046 | 4.55 |
| 0.056 | 0.059 | 5.36 | 0.068 | 21.43 | 0.073 | 30.36 | 0.070 | 25.00 | 0.065 | 16.07 | 0.064 | 14.29 |
| 0.061 | 0.066 | 8.20 | 0.072 | 18.03 | 0.07 | 14.75 | 0.067 | 9.84 | 0.067 | 9.84 | 0.062 | 1.64 |
| Rata –Rata |  |  | 6.68 |  | 15.89 |  | 22.82 |  | 18.04 |  | 11.88 |  | 5.96 |

**Lampiran 16.** Hasil Uji SPSS Normalitsa Persen Udem

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| Menit\_60 | Between Groups | .000 | 4 | .000 | 1.021 | .421 |
| Within Groups | .001 | 20 | .000 |  |  |
| Total | .001 | 24 |  |  |  |
| Menit\_120 | Between Groups | .000 | 4 | .000 | .717 | .590 |
| Within Groups | .001 | 20 | .000 |  |  |
| Total | .001 | 24 |  |  |  |
| Menit\_180 | Between Groups | .000 | 4 | .000 | .623 | .652 |
| Within Groups | .001 | 20 | .000 |  |  |
| Total | .001 | 24 |  |  |  |
| Menit\_240 | Between Groups | .001 | 4 | .000 | 4.376 | .011 |
| Within Groups | .001 | 20 | .000 |  |  |
| Total | .002 | 24 |  |  |  |
| Menit\_300 | Between Groups | .003 | 4 | .001 | 12.585 | .000 |
| Within Groups | .001 | 20 | .000 |  |  |
| Total | .003 | 24 |  |  |  |
| Menit\_360 | Between Groups | .004 | 4 | .001 | 19.495 | .000 |
| Within Groups | .001 | 20 | .000 |  |  |
| Total | .005 | 24 |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Menit\_60** | | |
| Tukey HSDa | | |
| Volume Radang | N | Subset for alpha = 0.05 |
| 1 |
| EEBK 500 mg/kgBB | 5 | .05760 |
| EEBK 100 mg/kgBB | 5 | .06140 |
| EEBK 300 mg/kgBB | 5 | .06220 |
| CMC 0,5% | 5 | .06480 |
| Na.Diklofenak | 5 | .06480 |
| Sig. |  | .438 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | |

|  |  |  |
| --- | --- | --- |
| **Menit\_120** | | |
| Tukey HSDa | | |
| Volume Radang | N | Subset for alpha = 0.05 |
| 1 |
| EEBK 500 mg/kgBB | 5 | .06260 |
| EEBK 300 mg/kgBB | 5 | .06600 |
| EEBK 100 mg/kgBB | 5 | .06740 |
| Na.Diklofenak | 5 | .06900 |
| CMC 0,5% | 5 | .06960 |
| Sig. |  | .574 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | |

|  |  |  |
| --- | --- | --- |
| **Menit\_180** | | |
| Tukey HSDa | | |
| Volume Radang | N | Subset for alpha = 0.05 |
| 1 |
| EEBK 500 mg/kgBB | 5 | .06620 |
| EEBK 300 mg/kgBB | 5 | .07060 |
| EEBK 100 mg/kgBB | 5 | .07120 |
| Na.Diklofenak | 5 | .07220 |
| CMC 0,5% | 5 | .07300 |
| Sig. |  | .615 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_240** | | | |
| Tukey HSDa | | | |
| Volume Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 500 mg/kgBB | 5 | .06360 |  |
| EEBK 300 mg/kgBB | 5 | .06860 | .06860 |
| Na.Diklofenak | 5 | .06900 | .06900 |
| EEBK 100 mg/kgBB | 5 | .07000 | .07000 |
| CMC 0,5% | 5 |  | .08140 |
| Sig. |  | .610 | .062 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_300** | | | |
| Tukey HSDa | | | |
| Volume Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 500 mg/kgBB | 5 | .06040 |  |
| EEBK 300 mg/kgBB | 5 | .06480 |  |
| EEBK 100 mg/kgBB | 5 | .06600 |  |
| Na.Diklofenak | 5 | .06620 |  |
| CMC 0,5% | 5 |  | .08880 |
| Sig. |  | .694 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_360** | | | |
| Tukey HSDa | | | |
| Volume Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 500 mg/kgBB | 5 | .05720 |  |
| EEBK 300 mg/kgBB | 5 | .06300 |  |
| EEBK 100 mg/kgBB | 5 | .06340 |  |
| Na.Diklofenak | 5 | .06400 |  |
| CMC 0,5% | 5 |  | .09140 |
| Sig. |  | .529 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

**Lampiran 17.** Hasil Uji Spss Normalitsa Persen Radang

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| Menit\_60 | Between Groups | 333.862 | 4 | 83.465 | 12.569 | .000 |
| Within Groups | 132.811 | 20 | 6.641 |  |  |
| Total | 466.673 | 24 |  |  |  |
| Menit\_120 | Between Groups | 469.147 | 4 | 117.287 | 11.127 | .000 |
| Within Groups | 210.813 | 20 | 10.541 |  |  |
| Total | 679.960 | 24 |  |  |  |
| Menit\_180 | Between Groups | 526.928 | 4 | 131.732 | 7.096 | .001 |
| Within Groups | 371.295 | 20 | 18.565 |  |  |
| Total | 898.222 | 24 |  |  |  |
| Menit\_240 | Between Groups | 3254.700 | 4 | 813.675 | 27.981 | .000 |
| Within Groups | 581.601 | 20 | 29.080 |  |  |
| Total | 3836.301 | 24 |  |  |  |
| Menit\_300 | Between Groups | 8749.669 | 4 | 2187.417 | 72.031 | .000 |
| Within Groups | 607.353 | 20 | 30.368 |  |  |
| Total | 9357.021 | 24 |  |  |  |
| Menit\_360 | Between Groups | 12426.642 | 4 | 3106.661 | 104.684 | .000 |
| Within Groups | 593.533 | 20 | 29.677 |  |  |
| Total | 13020.175 | 24 |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit\_60** | | | | |
| Tukey HSDa | | | | |
| Persen Radang | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Na.Diklofenak | 5 | 5.94400 |  |  |
| EEBK 500 mg/kgBB | 5 | 6.67800 | 6.67800 |  |
| EEBK 300 mg/kgBB | 5 | 10.32400 | 10.32400 |  |
| EEBK 100 mg/kgBB | 5 |  | 11.44600 | 11.44600 |
| CMC 0,5% | 5 |  |  | 16.09400 |
| Sig. |  | .092 | .057 | .066 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit\_120** | | | | |
| Tukey HSDa | | | | |
| Persen Radang | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Na.Diklofenak | 5 | 12.82000 |  |  |
| EEBK 500 mg/kgBB | 5 | 15.88800 |  |  |
| EEBK 300 mg/kgBB | 5 | 17.04000 | 17.04000 |  |
| EEBK 100 mg/kgBB | 5 |  | 22.15800 | 22.15800 |
| CMC 0,5% | 5 |  |  | 24.76400 |
| Sig. |  | .277 | .132 | .712 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_180** | | | |
| Tukey HSDa | | | |
| Persen Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Na.Diklofenak | 5 | 18.01800 |  |
| EEBK 500 mg/kgBB | 5 | 22.81800 | 22.81800 |
| EEBK 300 mg/kgBB | 5 | 25.22000 | 25.22000 |
| EEBK 100 mg/kgBB | 5 |  | 29.07000 |
| CMC 0,5% | 5 |  | 30.95800 |
| Sig. |  | .100 | .051 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit\_240** | | | | |
| Tukey HSDa | | | | |
| Persen Radang | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Na.Diklofenak | 5 | 12.99200 |  |  |
| EEBK 500 mg/kgBB | 5 | 18.03600 | 18.03600 |  |
| EEBK 300 mg/kgBB | 5 | 21.64000 | 21.64000 |  |
| EEBK 100 mg/kgBB | 5 |  | 27.10000 |  |
| CMC 0,5% | 5 |  |  | 46.04000 |
| Sig. |  | .122 | .097 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit\_300** | | | | |
| Tukey HSDa | | | | |
| Persen Radang | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Na.Diklofenak | 5 | 8.41000 |  |  |
| EEBK 500 mg/kgBB | 5 | 11.87400 | 11.87400 |  |
| EEBK 300 mg/kgBB | 5 | 14.88200 | 14.88200 |  |
| EEBK 100 mg/kgBB | 5 |  | 19.48800 |  |
| CMC 0,5% | 5 |  |  | 59.54000 |
| Sig. |  | .371 | .226 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit\_360** | | | | |
| Tukey HSDa | | | | |
| Persen Radang | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Na.Diklofenak | 5 | 4.52200 |  |  |
| EEBK 500 mg/kgBB | 5 | 5.96200 | 5.96200 |  |
| EEBK 300 mg/kgBB | 5 | 11.75400 | 11.75400 |  |
| EEBK 100 mg/kgBB | 5 |  | 14.90000 |  |
| CMC 0,5% | 5 |  |  | 64.21600 |
| Sig. |  | .259 | .109 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

**Lampiran 18.** Hasil Uji Spss Normalitsa Persen Inhibisi Radang

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| Menit\_60 | Between Groups | 2812.121 | 3 | 937.374 | 6.276 | .005 |
| Within Groups | 2389.859 | 16 | 149.366 |  |  |
| Total | 5201.981 | 19 |  |  |  |
| Menit\_120 | Between Groups | 2713.076 | 3 | 904.359 | 5.464 | .009 |
| Within Groups | 2648.024 | 16 | 165.502 |  |  |
| Total | 5361.100 | 19 |  |  |  |
| Menit\_180 | Between Groups | 2585.464 | 3 | 861.821 | 4.089 | .025 |
| Within Groups | 3372.004 | 16 | 210.750 |  |  |
| Total | 5957.468 | 19 |  |  |  |
| Menit\_240 | Between Groups | 2582.801 | 3 | 860.934 | 5.074 | .012 |
| Within Groups | 2714.658 | 16 | 169.666 |  |  |
| Total | 5297.459 | 19 |  |  |  |
| Menit\_300 | Between Groups | 865.618 | 3 | 288.539 | 6.439 | .005 |
| Within Groups | 716.968 | 16 | 44.811 |  |  |
| Total | 1582.586 | 19 |  |  |  |
| Menit\_360 | Between Groups | 891.603 | 3 | 297.201 | 11.491 | .000 |
| Within Groups | 413.834 | 16 | 25.865 |  |  |
| Total | 1305.436 | 19 |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit\_60** | | | | |
| Tukey HSDa | | | | |
| Persen Inhibisi Radang | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| EEBK 300 mg/kgBB | 5 | 35.84000 |  |  |
| EEBK 100 mg/kgBB | 5 | 39.08800 | 39.08800 |  |
| EEBK 500 mg/kgBB | 5 |  | 58.03000 | 58.03000 |
| Na.Diklofenak | 5 |  |  | 63.47400 |
| Sig. |  | .974 | .107 | .894 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_120** | | | |
|  | | | |
| Tukey HSDa | | | |
| Persen Inhibisi Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 100 mg/kgBB | 5 | 15.30200 |  |
| EEBK 300 mg/kgBB | 5 | 31.24600 | 31.24600 |
| EEBK 500 mg/kgBB | 5 | 35.62600 | 35.62600 |
| Na.Diklofenak | 5 |  | 47.84600 |
| Sig. |  | .098 | .215 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_180** | | | |
| Tukey HSDa | | | |
| Persen Inhibisi Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 100 mg/kgBB | 5 | 9.95800 |  |
| EEBK 300 mg/kgBB | 5 | 18.18000 | 18.18000 |
| EEBK 500 mg/kgBB | 5 | 24.79400 | 24.79400 |
| Na.Diklofenak | 5 |  | 40.92800 |
| Sig. |  | .398 | .102 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_240** | | | |
| Tukey HSDa | | | |
| Persen Inhibisi Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 100 mg/kgBB | 5 | 39.65600 |  |
| EEBK 300 mg/kgBB | 5 | 52.34600 | 52.34600 |
| EEBK 500 mg/kgBB | 5 | 59.76200 | 59.76200 |
| Na.Diklofenak | 5 |  | 70.91200 |
| Sig. |  | .109 | .151 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_300** | | | |
| Tukey HSDa | | | |
| Persen Inhibisi Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 100 mg/kgBB | 5 | 66.74400 |  |
| EEBK 300 mg/kgBB | 5 | 74.56400 | 74.56400 |
| EEBK 500 mg/kgBB | 5 |  | 79.58800 |
| Na.Diklofenak | 5 |  | 84.54600 |
| Sig. |  | .289 | .126 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit\_360** | | | |
| Tukey HSDa | | | |
| Persen Inhibisi Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEBK 100 mg/kgBB | 5 | 76.31600 |  |
| EEBK 300 mg/kgBB | 5 | 81.23800 |  |
| EEBK 500 mg/kgBB | 5 |  | 90.53800 |
| Na.Diklofenak | 5 |  | 92.63000 |
| Sig. |  | .444 | .914 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |