**Lampiran 1.** Hasil identifikasi tumbuhan pisang raja

**Lampiran 2.** Tumbuhan pisang raja



Tumbuhan Pisang Raja (*Musa Paradisiaca L*.)

Simplisia Bonggol Pisang

Ekstrak Bongol Pisang

**Lampiran 3.** Pengujian hewan

Tikus Putih (*Rattus novergicus*)

Penyuntikan Kaki Tikus Secara Intraplantar

Tapak Kaki Tikus Sebelum Diinkubasi Karagenan

**Lampiran 3.** (Lanjutan)



Tapak Kaki Tikus Setelah Diinkubasi Karagenan

Pemberian Oral Pada Tikus

Pengukuran Inflamasi Dengan Plestismometer

**Lampiran 4.** Alat penelitian

Plestismometer

Rotary Evaporator

**Lampiran 5.** Bagan alir penelitian

Bonggol pisang 10 kg

Dibersihkan dari pengotor

Dicuci bersih dan ditiriskan

Diangin-anginkan

Ditimbang

Bonggol pisang

Dikeringkan pada suhu 40˚C

Ditimbang

Simplisia kering 1 kg

Dihaluskan

Ditimbang

Serbuk simplisia 1 kg

Dimaserasi dengan etanol 96%

Karakterisasi simplisia :

* Pemeriksaan makroskopik dan mikroskopik
* Penetapan kadar air
* Penetapan kadar sari larut dalam air
* Penetapan kadar sari larut dalam etanol
* Penetapan kadar abu total
* Penetepan kadar abu tidak larut asam

Ekstrak cair

Dipekatkan dengan

rotary evaporator

Skrining fitokimia

* Alkaloid
* Flavonoid
* Steroid/triterpenoid
* Saponin
* Tanin
* Glikosida

Ekstrak kental

Uji antiinflamasi

- %Radang

- %Inbihasi Radang

**Lampiran 6**. Bagan alir pembuatan simplisia

Bonggol pisang

Dibersihkan dari pengotor

Dicuci bersih dengan air

mengalir

Ditiriskan

Diangin-anginkan

Ditimbang

Berat bonggol pisang setelah dibersihkan

Dikeringkan didalam

lemari pengering

pada suhu 40℃

Disortasi kering

Ditimbang

Berat simplisia 1,3 kg

Dihaluskan menggunakan

blender

Ditimbang

Berat serbuk simplisia 1 kg

Dimasukkan kedalam

wadah

Tertutup rapat

Serbuk simplisia

**Lampiran 7.** Bagan alir pembuatan ekstrak

5 kg serbuk simplisia bonggol pisang

Dimasukkan kedalam bejana

Ditambahkan etanol 96%

sebanyak 75 bagian (37.500 ml) diaduk

Didiamkan selama 5 hari sambil diaduk

Disaring

Ampas

Maserat I

Dimasukkan dengan etanol 96% sebanyak 25 bagian (12.500 ml) dan diaduk

Dimaserasi kembali selama 2 hari sambil diaduk

Disaring

Maserat II

Maserat bonggol pisang

Diperlukan dengan rotary evaporator pada

suhu 60˚C Diuapkan dengan penangas air

Ekstrak etanol bonggol pisang

**Lampiran 8.** Perhitungan hasil pemeriksaan karakteristik simplisia

1. **Penetapan kadar air**

Kadar air =

* **Pengulangan I**

Berat sampel = 5 gr

Volume akhir = 0,35 ml

Volume awal = 0,15 ml

Kadar Air = = 4 %

* **Pengulangan II**

Berat sampel = 5 gr

Volume akhir = 0,35 ml

Volume awal = 0,15 ml

Kadar air = = 4 %

* **Pengulangan III**

Berat sampel = 5 gr

Volume akhir = 0,4 ml

Volume awal = 0,15 ml

Kadar air = = `5 %

kadar air rata-rata = = 4,3%

**Lampiran 8.** (Lanjutan)

1. **Penetapan kadar sari larut dalam air**

Kadar sari larut air =

* **Sampel pengulangan I**

Berat sampel = 5 gr

Berat Cawan Kosong = 50,8442

B1 = 51,0370

B2 = 51,0369

B3 = 51,0369

Bobot rata-rata = 51,0369

Kadar sari larut air = = 19,27%

* **Sampel pengulangan II**

Berat sampel = 5 gr

Berat Cawan Kosong = 105,3764

B1 = 105,6146

B2 = 105,6146

B3 = 105,6146

Bobot rata-rata =105,6146

Kadar sari larut air = = 23,82%

**Lampiran 8.** (Lanjutan)

Kadar sari larut air rata-rata = = 22,03%

* **Sampel pengulangan III**

Berat sampel = 5 gr

Berat Cawan Kosong = 64,3604

B1 = 64,5906

B2 = 64,5905

B3 = 64,5905

Bobot rata-rata = 64,5905

Kadar sari larut air = = 23,01%

Kadar sari larut etanol =

1. **Penetapan kadar sari larut dalam etanol**

* Sampel pengulangan I

Berat sampel = 5 gr

Berat Cawan Kosong = 63,0727

B1 = 63,0958

B2 = 63,0956

B3 = 63,0956

Bobot rata-rata = 63,0956

Kadar sari larut etanol = = 2,29%

**Lampiran 8.** (Lanjutan)

* Sampel pengulangan II

Berat sampel = 5 gr

Berat Cawan Kosong = 61,3690

B1 = 61,3912

B2 = 61,3911

B3 = 61,3911

Bobot rata-rata = 61,3911

Kadar sari larut etanol = = 2,21%

* Sampel pengulangan III

Berat sampel = 5 gr

Berat Cawan Kosong = 61,5021

B1 = 61,5302

B2 = 61,5302

B3 = 61,5302

Bobot rata-rata = 61,5302

Kadar sari larut etanol = = 2,81%

Kadar sari larut etanol rata-rata = = 2,43%

**Lampiran 8.** (Lanjutan)

1. **Penetapan kadar abu total**

Kadar abu total =

* **Sampel pengulangan I**

Berat sampel = 2 gr

Berat Cawan Kosong = 26,7637

B1 = 26,7942

B2 = 26,7640

B3 = 26,7640

Bobot rata-rata = 26,7640

Kadar abu total = = 1,51%

* **Sampel pengulangan II**

Berat sampel = 2 gr

Berat Cawan Kosong = 54,3665

B1 = 54,3970

B2 = 54,3970

B3 = 54,3970

Bobot rata-rata = 54,3970

Kadar abu total = = 1,52%

**Lampiran 8.** (Lanjutan)

* **Sampel pengulangan III**

Berat sampel = 2 gr

Berat Cawan Kosong = 57,9020

B1 = 57,9357

B2 = 57,9356

B3 = 57,9356

Bobot rata-rata = 57,9356

Kadar abu total = = 1,68%

Kadar abu total rata-rata = = 1,57%

1. **Penetapan kadar abu tidak larut dalam asam**

Kadar abu larut asam =

* **Sampel pengulangan I**

Berat sampel = 0,0303 gr

Berat Cawan Kosong = 52,8518

B1 = 52,8522

B2 = 52,8520

B3 = 52,8520

Bobot rata-rata = 52,8520

Kadar abu larut asam = = 0,66%

**Lampiran 8.** (Lanjutan)

* **Sampel pengulangan II**

Berat sampel = 0,0305 gr

Berat Cawan Kosong = 52,7267

B1 = 52,7270

B2 = 52,7270

B3 = 52,7270

Bobot rata-rata = 52,7270

Kadar abu larut asam = = 0,98 %

* **Sampel pengulangan III**

Berat sampel = 0,0336 gr

Berat Cawan Kosong = 52,4849

B1 = 52,4851

B2 = 52,4851

B3 = 52,4851

Bobot rata-rata = 52,4851

Kadar abu larut asam = = 0,59%

Kadar abu larut asam rata-rata = = 0,74%

**Lampiran 9.** Tabel konversi perhitungan dosis (Laurence & Bacharach, 1964)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Mencit 20 g | Tikus 200 g | Marmot 400 g | Kelinci 1,5 kg | Kucing2 kg | Kera 4 kg | Anjing 12 kg | Manusia 70 kg |
| Mencit 20 g | 1.0 | 7.0 | 12.25 | 27.8 | 29.7 | 64.1 | 124.2 | 387.9 |
| Tikus 200 g | 0.14 | 1.0 | 1.74 | 3.9 | 4.2 | 9.2 | 17.8 | 56.0 |
| Marmot 400 g | 0.08 | 0.57 | 1.0 | 2.25 | 2.4 | 5.2 | 10.2 | 31.5 |
| Kelinci 1,5 kg | 0.04 | 0.25 | 0.44 | 1.0 | 1.08 | 2.4 | 4.5 | 14.2 |
| Kucing  2 kg | 0.03 | 0.23 | 0.41 | 0.92 | 1.0 | 2.2 | 4.1 | 13.0 |
| Kera 4 kg | 0.016 | 0.11 | 0.19 | 0.42 | 0.45 | 1.0 | 1.9 | 6.1 |
| Anjing 12 kg | 0.008 | 0.06 | 0.1 | 0.22 | 0.24 | 0.52 | 1.0 | 3.1 |
| Manusia 70 kg | 0.0026 | 0.018 | 0.031 | 0.07 | 0.076 | 0.16 | 0.32 | 1.0 |

**Lampiran 10.** Perhitungan dosis Kontrol positif (Na. diklofenak 25 mg)

Kontrol positif (Na. diklofenak 25 mg) dalam 100 ml

= = 0,025%

Konversi dosis pada tikus = 0,018

Dosis = 25 mg 0,018 = 0,45 mg / 0,2 kg = 2,25 mg/kgBB

**Hewan I**

Berat = 202 g

=

= 202 g = 1,818 ml

**Hewan II**

Berat = 210 g

= 210 g = 1,890 ml

**Hewan III**

Berat = 206 g

= 206 g = 1,854 ml

**Lampiran 10.** (Lanjutan)

**Hewan IV**

Berat = 198 g

= 198 g = 1,782 ml

**Hewan V**

Berat = 201 g

= 201 g = 1,809 ml

**Hewan VI**

Berat = 216 g

= 216 g = 1,944 ml

**Lampiran 11.** Perhitungan dosis Ekstraak etanol bonggol pisang (EEBP)

* + - 1. **Ekstrak etanol bonggol pisang (EEBP)**
         1. **EEBP dosis 100 mg**

**Hewan I**

Berat = 193 g

= = 19,3 mg

= = 0,965 ml

**Hewan II**

Berat = 210 g

= = 21 mg

= = 1,05 ml

**Hewan III**

Berat = 214 g

= = 21,4 mg

= = 1,07 ml

**Hewan IV**

Berat = 192 g

= = 19,2 mg

= = 0,96 ml

**Lampiran 11.** (Lanjutan)

**Hewan V**

Berat = 196 g

= = 19,6 mg

= = 0,98 ml

**Hewan VI**

Berat = 209 g

= = 20,9 mg

= = 1,045 ml

* + - * 1. **EEBP dosis 200 mg**

**Hewan I**

Berat = 220 g

= = 44 mg

= = 2,2 ml

**Hewan II**

Berat = 208 g

= = 41,6 mg

= = 2,08 ml

**Hewan III**

Berat = 219 g

= = 43,8 mg

= = 2,19 ml

**Lampiran 11.** (Lanjutan)

**Hewan IV**

Berat = 190 g

= = 38 mg

= = 1,9 ml

**Hewan V**

Berat = 211 g

= = 42,2 mg

= = 21,1 ml

**Hewan VI**

Berat = 192 g

= = 38,4 mg

= = 1,92 ml

* + - * 1. **EEBP dosis 300 mg**

**Hewan I**

Berat = 203 g

= = 60,9 mg

= = 3,04 ml

**Hewan II**

Berat = 200 g

= = 60 mg

= = 3 ml

**Lampiran 11.** (Lanjutan)

**Hewan III**

Berat = 214 g

= = 21,4 mg

= = 1,07 ml

**Hewan IV**

Berat = 203 g

= = 60,9 mg

= = 3,04 ml

**Hewan V**

Berat = 193 g

= = 58,8 mg

= = 2,94 ml

**Hewan VI**

Berat = 218 g

= = 65,4 mg

= = 3,27 ml

**Lampiran 12.** Makroskopis bonggol pisang raja (*Musa paradisiaca* L.)



Keterangan

Bentuk : Bulat

Ukuran : Panjang 25,5 cm

Lebar 26 cm

Warna : Coklatan

Bau : Lemah

Rasa : Tawar

**Lampiran 13.** Mikroskopis bonggol pisang raja (*Musa paradisiaca* L.)



a



b



c

Keterangan Gambar :

1. Parenkim
2. Ruang antar sel berisi hablur kalsium oksalat
3. Epidermis

**Lampiran 14.** Data perlakuan hewan uji

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | V0 | Jam ke 1 | | | | Jam ke 2 | | | | Jam ke 3 | | | | Jam ke 4 | | | | Jam ke 5 | | | | Jam ke 6 | | |
| V1 | %R | %IR | V2 | | %R | %IR | V3 | | %R | %IR | V4 | | %R | %IR | V5 | | %R | %IR | V6 | | %R | %IR |
| CMC 0,5% | 0,04 | 0,072 | 80 |  | 0,074 | | 85 |  | 0,072 | | 80 |  | 0,070 | | 75 |  | 0,070 | | 75 |  | 0,068 | | 70 |  |
| 0,04 | 0,078 | 95 |  | 0,080 | | 100 |  | 0,078 | | 95 |  | 0,072 | | 80 |  | 0,072 | | 80 |  | 0,070 | | 75 |  |
| 0,04 | 0,080 | 100 |  | 0,082 | | 105 |  | 0,082 | | 105 |  | 0,076 | | 90 |  | 0,072 | | 80 |  | 0,072 | | 80 |  |
| 0,04 | 0,074 | 85 |  | 0,078 | | 95 |  | 0,076 | | 90 |  | 0,076 | | 90 |  | 0,076 | | 90 |  | 0,072 | | 80 |  |
| 0,04 | 0,080 | 100 |  | 0,082 | | 105 |  | 0,082 | | 105 |  | 0,078 | | 95 |  | 0,076 | | 90 |  | 0,070 | | 75 |  |
| 0,04 | 0,080 | 100 |  | 0,082 | | 105 |  | 0,082 | | 105 |  | 0,074 | | 85 |  | 0,072 | | 80 |  | 0,068 | | 70 |  |
| **Rata-rata** |  |  | **93,33** |  |  | | **99,16** |  |  | | **96,66** |  |  | | **85,83** |  |  | | **82,5** |  |  | | **75** |  |
| Na.  Diklofenak | 0,04 | 0,060 | 50 | 37,5 | 0,068 | | 70 | 17,65 | 0,062 | | 55 | 31,25 | 0,050 | | 25 | 66,67 | 0,048 | | 20 | 73,33 | 0,042 | | 70 | 92,86 |
| 0,04 | 0,070 | 75 | 21,05 | 0,076 | | 90 | 10 | 0,074 | | 85 | 10,53 | 0,062 | | 55 | 68,75 | 0,050 | | 25 | 68,75 | 0,040 | | 75 | 100 |
| 0,03 | 0,052 | 73,33 | 26,67 | 0,056 | | 86,67 | 17,46 | 0,054 | | 80 | 23,81 | 0,046 | | 53,33 | 66,67 | 0,038 | | 26,67 | 66,67 | 0,032 | | 80 | 91,67 |
| 0,03 | 0,050 | 66,67 | 21,57 | 0,054 | | 80 | 15,79 | 0,052 | | 73,33 | 18,52 | 0,048 | | 60 | 33,33 | 0,040 | | 33,33 | 62,96 | 0,030 | | 80 | 100 |
| 0,04 | 0,070 | 75 | 25 | 0,078 | | 95 | 9,52 | 0,070 | | 75 | 28,57 | 0,066 | | 65 | 31,58 | 0,052 | | 30 | 66,67 | 0,040 | | 75 | 100 |
| 0,04 | 0,072 | 80 | 20 | 0,078 | | 95 | 9,52 | 0,068 | | 70 | 33,33 | 0,050 | | 25 | 70,59 | 0,048 | | 20 | 75 | 0,042 | | 70 | 92,86 |
| **Rata-rata** |  |  | **70** | **25,29** |  | | **86,11** | **13,32** |  | | **73,05** | **24,33** |  | | **47,22** | **56,26** |  | | **25,83** | **68,26** |  | | **2,77** | **96,23** |
| EEBP 100  mg/kgBB | 0,04 | 0,070 | 75 | 6,25 | 0,078 | | 95 | -11,7 | 0,074 | | 85 | -6,25 | 0,070 | | 75 | 0 | 0,068 | | 70 | 6,667 | 0,065 | | 62,5 | 10,71 |
| 0,04 | 0,072 | 80 | 15,79 | 0,080 | | 100 | 0 | 0,074 | | 85 | 10,53 | 0,072 | | 80 | 0 | 0,072 | | 80 | 0 | 0,068 | | 70 | 6,667 |
| 0,03 | 0,054 | 80 | 20 | 0,058 | | 93,33 | 11,11 | 0,056 | | 86,67 | 17,46 | 0,054 | | 80 | 11,11 | 0,050 | | 66,67 | 16,67 | 0,046 | | 53,33 | 33,33 |
| 0,04 | 0,070 | 75 | 11,76 | 0,080 | | 100 | -5,26 | 0,072 | | 80 | 11,11 | 0,070 | | 75 | 16,67 | 0,068 | | 70 | 22,22 | 0,064 | | 60 | 25 |
| 0,03 | 0,054 | 80 | 20 | 0,058 | | 93,33 | 11,11 | 0,056 | | 86,67 | 17,46 | 0,052 | | 73,33 | 22,8 | 0,050 | | 66,67 | 25,93 | 0,048 | | 60 | 20 |
| 0,04 | 0,070 | 75 | 25 | 0,080 | | 100 | 4,76 | 0,072 | | 80 | 23,81 | 0,070 | | 75 | 11,76 | 0,068 | | 70 | 12,5 | 0,064 | | 60 | 14,29 |
| **Rata-rata** |  |  | **77,5** | **16,46** |  | | **96,94** | **1,65** |  | | **83,88** | **12,35** |  | | **76,38** | **10,39** |  | | **70,55** | **13,99** |  | | **60,97** | **18,33** |

**Lampiran 14.** (Lanjutan)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | V0 | Jam ke 1 | | | | Jam ke 2 | | | | Jam ke 3 | | | | Jam ke 4 | | | | Jam ke 5 | | | | Jam ke 6 | | |
| V1 | %R | %IR | V2 | | %R | %IR | V3 | | %R | %IR | V4 | | %R | %IR | V5 | | %R | %IR | V6 | | %R | %IR |
| EEBP 200  mg/kgBB | 0,04 | 0,068 | 70 | 12,5 | 0,076 | | 90 | -5,88 | 0,072 | | 80 | 0 | 0,070 | | 75 | 0 | 0,060 | | 50 | 33,33 | 0,050 | | 25 | 64,29 |
| 0,04 | 0,072 | 80 | 15,79 | 0,078 | | 95 | 5 | 0,074 | | 85 | 10,53 | 0,072 | | 80 | 0 | 0,060 | | 50 | 37,5 | 0,052 | | 30 | 60 |
| 0,03 | 0,054 | 80 | 20 | 0,060 | | 100 | 4,76 | 0,056 | | 86,67 | 17,46 | 0,052 | | 73,33 | 18,52 | 0,046 | | 53,33 | 33,33 | 0,038 | | 26,67 | 66,67 |
| 0,04 | 0,072 | 80 | 5,882 | 0,078 | | 95 | 0 | 0,072 | | 80 | 11,11 | 0,070 | | 75 | 16,67 | 0,062 | | 55 | 38,89 | 0,050 | | 25 | 68,75 |
| 0,04 | 0,070 | 75 | 25 | 0,076 | | 90 | 19,29 | 0,072 | | 80 | 23,81 | 0,070 | | 75 | 21,05 | 0,058 | | 45 | 50 | 0,050 | | 25 | 66,67 |
| 0,04 | 0,068 | 70 | 30 | 0,076 | | 90 | 14,29 | 0,070 | | 75 | 28,57 | 0,068 | | 70 | 2,647 | 0,060 | | 50 | 37,5 | 0,054 | | 35 | 50 |
| **Rata-rata** |  |  | **75,83** | **18,19** |  | | **93,33** | **6,24** |  | | **81,11** | **15,24** |  | | **74,72** | **9,81** |  | | **50,55** | **38,42** |  | | **27,77** | **62,72** |
| EEBP 300  mg/kgBB | 0,04 | 0,068 | 70 | 12,5 | 0,074 | | 85 | 0 | 0,074 | | 85 | -6,25 | 0,068 | | 70 | 6,667 | 0,060 | | 50 | 33,33 | 0,044 | | 10 | 85,71 |
| 0,04 | 0,072 | 80 | 15,79 | 0,076 | | 90 | 10 | 0,070 | | 75 | 21,05 | 0,064 | | 60 | 25 | 0,056 | | 40 | 50 | 0,046 | | 15 | 80 |
| 0,03 | 0,052 | 73,33 | 26,67 | 0,058 | | 93,33 | 11,11 | 0,054 | | 80 | 23,81 | 0,048 | | 60 | 33,33 | 0,042 | | 40 | 50 | 0,034 | | 13,33 | 83,33 |
| 0,04 | 0,072 | 80 | 5,882 | 0,076 | | 90 | 5,263 | 0,070 | | 75 | 16,67 | 0,064 | | 60 | 33,33 | 0,054 | | 35 | 61,11 | 0,046 | | 15 | 81,25 |
| 0,04 | 0,068 | 70 | 30 | 0,076 | | 90 | 14,29 | 0,072 | | 80 | 23,81 | 0,062 | | 55 | 42,11 | 0,056 | | 40 | 55,56 | 0,046 | | 15 | 80 |
| 0,04 | 0,068 | 70 | 30 | 0,076 | | 90 | 14,29 | 0,070 | | 75 | 28,57 | 0,064 | | 60 | 29,41 | 0,052 | | 30 | 62,5 | 0,044 | | 10 | 85,71 |
| **Rata-rata** |  |  | **73,88** | **20,13** |  | | **89,72** | **9,15** |  | | **78,33** | **17,94** |  | | **60,83** | **28,30** |  | | **39,16** | **52,08** |  | | **13,05** | **82,66** |

**Lampiran 15.** Hasil persentase radang uji ANOVA

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| J1 | Between Groups | 1944.533 | 4 | 486.133 | 9.822 | .000 |
| Within Groups | 1237.333 | 25 | 49.493 |  |  |
| Total | 3181.867 | 29 |  |  |  |
| J2 | Between Groups | 677.667 | 4 | 169.417 | 4.365 | .008 |
| Within Groups | 970.333 | 25 | 38.813 |  |  |
| Total | 1648.000 | 29 |  |  |  |
| J3 | Between Groups | 1871.467 | 4 | 467.867 | 9.225 | .000 |
| Within Groups | 1268.000 | 25 | 50.720 |  |  |
| Total | 3139.467 | 29 |  |  |  |
| J4 | Between Groups | 5475.800 | 4 | 1368.950 | 16.701 | .000 |
| Within Groups | 2049.167 | 25 | 81.967 |  |  |
| Total | 7524.967 | 29 |  |  |  |
| J5 | Between Groups | 12680.467 | 4 | 3170.117 | 107.900 | .000 |
| Within Groups | 734.500 | 25 | 29.380 |  |  |
| Total | 13414.967 | 29 |  |  |  |
| J6 | Between Groups | 23082.667 | 4 | 5770.667 | 355.775 | .000 |
| Within Groups | 405.500 | 25 | 16.220 |  |  |
| Total | 23488.167 | 29 |  |  |  |

**Lampiran 16.** Hasil persentase radang uji *Tukey HSD*

|  |  |  |  |
| --- | --- | --- | --- |
| **J1** | | | |
| Tukey HSD | | | |
| % Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Na. Diklofenak 25 mg/kgBB | 6 | 69.8333 |  |
| 300 mg/kgBB | 6 | 73.8333 |  |
| 200 mg/kgBB | 6 | 75.8333 |  |
| 100 mg/kgBB | 6 | 77.5000 |  |
| CMC 0,5% | 6 |  | 93.3333 |
| Sig. |  | .350 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **J2** | | | |
| Tukey HSD | | | |
| % Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Na. Diklofenak 25 mg/kgBB | 6 | 86.0000 |  |
| 300 mg/kgBB | 6 | 89.6667 | 89.6667 |
| 200 mg/kgBB | 6 | 93.3333 | 93.3333 |
| 100 mg/kgBB | 6 |  | 96.8333 |
| CMC 0,5% | 6 |  | 99.1667 |
| Sig. |  | .278 | .093 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **J3** | | | |
| Tukey HSD | | | |
| % Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Na. Diklofenak 25 mg/kgBB | 6 | 73.0000 |  |
| 300 mg/kgBB | 6 | 78.3333 |  |
| 200 mg/kgBB | 6 | 81.0000 |  |
| 100 mg/kgBB | 6 | 83.6667 |  |
| CMC 0,5% | 6 |  | 96.6667 |
| Sig. |  | .102 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | |

**Lampiran 16.** (Lanjutan)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **J4** | | | | |
| Tukey HSD | | | | |
| % Radang | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Na. Diklofenak 25 mg/kgBB | 6 | 47.1667 |  |  |
| 300 mg/kgBB | 6 | 60.8333 | 60.8333 |  |
| 200 mg/kgBB | 6 |  | 74.6667 | 74.6667 |
| 100 mg/kgBB | 6 |  |  | 76.3333 |
| CMC 0,5% | 6 |  |  | 85.8333 |
| Sig. |  | .098 | .092 | .237 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **J5** | | | | | | |
| Tukey HSD | | | | | | |
| % Radang | N | Subset for alpha = 0.05 | | | | |
| 1 | 2 | 3 | 4 | 5 |
| Na. Diklofenak 25 mg/kgBB | 6 | 25.6667 |  |  |  |  |
| 300 mg/kgBB | 6 |  | 39.1667 |  |  |  |
| 200 mg/kgBB | 6 |  |  | 50.5000 |  |  |
| 100 mg/kgBB | 6 |  |  |  | 70.3333 |  |
| CMC 0,5% | 6 |  |  |  |  | 82.5000 |
| Sig. |  | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- |
| **J6** | | | | | | |
| Tukey HSD | | | | | | |
| % Radang | N | Subset for alpha = 0.05 | | | | |
| 1 | 2 | 3 | 4 | 5 |
| Na. Diklofenak 25 mg/kgBB | 6 | 2.6667 |  |  |  |  |
| 300 mg/kgBB | 6 |  | 13.0000 |  |  |  |
| 200 mg/kgBB | 6 |  |  | 27.6667 |  |  |
| 100 mg/kgBB | 6 |  |  |  | 60.8333 |  |
| CMC 0,5% | 6 |  |  |  |  | 75.0000 |
| Sig. |  | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | | | | |

**Lampiran 17.** Hasil persentase inhibisi radang uji ANOVA

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| J1 | Between Groups | 264.333 | 3 | 88.111 | 1.258 | .316 |
| Within Groups | 1401.000 | 20 | 70.050 |  |  |
| Total | 1665.333 | 23 |  |  |  |
| J2 | Between Groups | 386.333 | 3 | 128.778 | 2.957 | .057 |
| Within Groups | 871.000 | 20 | 43.550 |  |  |
| Total | 1257.333 | 23 |  |  |  |
| J3 | Between Groups | 459.792 | 3 | 153.264 | 1.446 | .259 |
| Within Groups | 2119.167 | 20 | 105.958 |  |  |
| Total | 2578.958 | 23 |  |  |  |
| J4 | Between Groups | 8473.125 | 3 | 2824.375 | 17.123 | .000 |
| Within Groups | 3298.833 | 20 | 164.942 |  |  |
| Total | 11771.958 | 23 |  |  |  |
| J5 | Between Groups | 9690.167 | 3 | 3230.056 | 48.805 | .000 |
| Within Groups | 1323.667 | 20 | 66.183 |  |  |
| Total | 11013.833 | 23 |  |  |  |
| J6 | Between Groups | 20800.125 | 3 | 6933.375 | 162.469 | .000 |
| Within Groups | 853.500 | 20 | 42.675 |  |  |
| Total | 21653.625 | 23 |  |  |  |

**Lampiran 18.** Hasil persentase inhibisi radang uji *Tukey HSD*

|  |  |  |
| --- | --- | --- |
| **J1** | | |
| Tukey HSD | | |
| % Inhibisi Radang | N | Subset for alpha = 0.05 |
| 1 |
| 100 mg/kgBB | 6 | 16.1667 |
| 200 mg/kgBB | 6 | 17.8333 |
| 300 mg/kgBB | 6 | 19.6667 |
| Na. Diklofenak 25 mg/kgBB | 6 | 25.0000 |
| Sig. |  | .290 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 6,000. | | |

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| --- | --- | --- | --- |
| **J2** | | | |
| Tukey HSD | | | |
| % Inhibisi Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| 100 mg/kgBB | 6 | 1.6667 |  |
| 200 mg/kgBB | 6 | 7.8333 | 7.8333 |
| 300 mg/kgBB | 6 | 9.0000 | 9.0000 |
| Na. Diklofenak 25 mg/kgBB | 6 |  | 12.8333 |
| Sig. |  | .250 | .566 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 6,000. | | | |

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| --- | --- | --- |
| **J3** | | |
| Tukey HSD | | |
| % Inhibisi Radang | N | Subset for alpha = 0.05 |
| 1 |
| 100 mg/kgBB | 6 | 12.0000 |
| 200 mg/kgBB | 6 | 14.8333 |
| 300 mg/kgBB | 6 | 17.5000 |
| Na. Diklofenak 25 mg/kgBB | 6 | 23.8333 |
| Sig. |  | .224 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 6,000. | | |

**Lampiran 18.** (Lanjutan)

|  |  |  |  |
| --- | --- | --- | --- |
| **J4** | | | |
| Tukey HSD | | | |
| % Inhibisi Radang | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| 200 mg/kgBB | 6 | 9.5000 |  |
| 100 mg/kgBB | 6 | 10.0000 |  |
| 300 mg/kgBB | 6 | 28.0000 |  |
| Na. Diklofenak 25 mg/kgBB | 6 |  | 55.6667 |
| Sig. |  | .091 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 6,000. | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **J5** | | | | | |
| Tukey HSD | | | | | |
| % Inhibisi Radang | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| 100 mg/kgBB | 6 | 13.5000 |  |  |  |
| 200 mg/kgBB | 6 |  | 38.0000 |  |  |
| 300 mg/kgBB | 6 |  |  | 51.8333 |  |
| Na. Diklofenak 25 mg/kgBB | 6 |  |  |  | 68.3333 |
| Sig. |  | 1.000 | 1.000 | 1.000 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 6,000. | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **J6** | | | | | |
| Tukey HSD | | | | | |
| % Inhibisi Radang | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| 100 mg/kgBB | 6 | 18.0000 |  |  |  |
| 200 mg/kgBB | 6 |  | 62.3333 |  |  |
| 300 mg/kgBB | 6 |  |  | 82.3333 |  |
| Na. Diklofenak 25 mg/kgBB | 6 |  |  |  | 95.8333 |
| Sig. |  | 1.000 | 1.000 | 1.000 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 6,000. | | | | | |