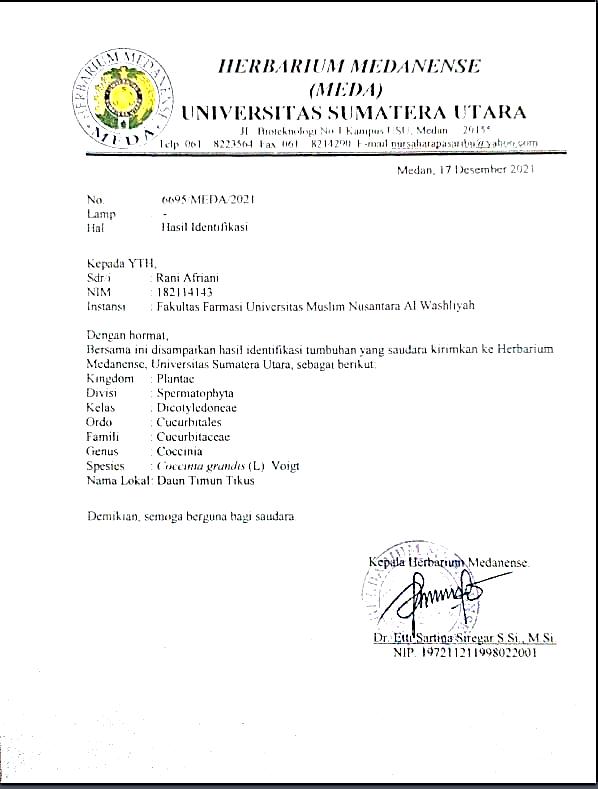
**Lampiran 1.** Hasil Identifikasi Daun Timun Tikus *(Coccinia grandis* (L). Voight)



**Lampiran 2.** Hasil Ethical Clearence



**Lampiran 3.** Bagan alir Penelitian

Daun Timun Tikus

**←** Disortasi basah

**←** Dicuci dengan air mengalir

**←** Ditiriskan

**←** Dikeringkan dengan cara diangin-anginkan

**←** Ditimbang

Berat basah 2 kg

**←** Dikeringkan di lemari pengering

**←** Disortasi kering

**←** Ditimbang

Berat kering 1,34 kg

**←** Dihaluskan menggunakan blender

Berat serbuk 1,10 kg

Ekstraksi

Skrining Fitokimia

Karakterisasi Simplisia

Ekstrak

Pengujian Farmakologi

**Lampiran 4.** Bagan Alir Karakterisasi Simplisia Dan Skrining Fitokimia

Serbuk dan Esktrak Daun Timun Tikus

Skrining Fitokimia

Karakterisasi

1. Makroskopik
2. Mikroskopik
3. Penetapan kadar air
4. Penetapan kadar sari larut air
5. Penetapan kadar sari larut etanol
6. Penetapan kadar abu total
7. Penetapan kadar abu tidak larut dalam asam

Serbuk Simplisia Daun Timun Tikus

1. Pemeriksaan alkaloid
2. Pemeriksaan saponin
3. Pemeriksaan tanin
4. Pemeriksaan flavonoid
5. Pemeriksaan steroid

**Lampiran 5.** Bagan Alir Pembuatan Ekstrak

500 g serbuk simplisia

**←** Dimasukkan ke dalam bejana

**←** Ditambahkan 75 bagian etanol 96%

(3750 ml) didiamkan selama 5 hari

Maserat I

Ampas

**←** Dibilas dengan 25 bagian etanol

96% (1250 ml)

**←** Disaring dan ampasnya diperas

Maserat II

Maserat I dan II dicampur

**←** Dimasukkan ke dalam bejana, diamkan

2 hari dan disaring

**←** Dipekatkan dengan *rotary evaporator*

Ekstrak kental

**Lampiran 6.** Bagan alir pengujian farmakologi

Mencit

Mencit dipuasakan 18-24 jam

Dibagi menjadi 5 kelompok, masing-masing kelompok terdiri 5 ekor

Diinduksi dengan asam asetat 1% secara intraperitoneal (IP)

Mencit nyeri

Diberi perlakuan secara peroral :

CMC 0,5%

Metampiron 1%

EDTT 200 mg/kgBB

EDTT 300 mg/kgBB

EDTT 400 mg/kgBB

Dilihat jumlah geliat tiap 5 menit selama 1 jam

Jumlah geliat

**Lampiran 7.** Tumbuhan Daun Timun Tikus *(Coccinia grandis* (L). Voight)



Simplisia Daun Timun Tikus *(Coccinia grandis* (L). Voight)



Serbuk Simplisia Daun Timun Tikus *(Coccinia grandis* (L). Voight)



**Lampiran 8.** Hasil Karakterisasi Simplisia

Penetapan Kadar Air Penetapan Kadar Sari Larut dalam Air

Penetapan Kadar Sari Larut dalam Penetapan Kadar Abu Total Etanol



Penetapan Kadar Abu Tidak Larut Asam

**Lampiran 9.** Perhitungan karakterisasi simplisia

a. Penetapan kadar air

• Sampel I

Berat sampel = 5 g

Volume I = 1,8 ml

Volume II = 2,3 ml

Kadar air = x 100% = 6 %

• Sampel II

Berat sampel = 5 g

Volume I = 1,8 ml

Volume II = 2,2 ml

Kadar air = x 100% = 8 %

• Sampel III

Berat sampel = 5 g

Volume I = 1,9 ml

Volume II = 2,3 ml

Kadar air = x 100% = 8 %

Kadar air rata-rata = = 7,33 %

**Lampiran 9.** (lanjutan)

b. Penetapan kadar sari larut dalam air

• Sampel I

Berat sampel = 5 g

Berat sari = 0,101 g

• Sampel II

Berat sampel = 5 g

Berat sari = 0,117 g

• Sampel III

Berat sampel = 5 g

Berat sari = 0,106 g

= 10,8 %

**Lampiran 9.** (lanjutan)

c. Penetapan kadar sari larut dalam etanol

• Sampel I

Berat sampel = 5 g

Berat sari = 0,112 g

• Sampel II

Berat sampel = 5 g

Berat sari = 0,098 g

• Sampel III

Berat sampel = 5 g

Berat sari = 0,100 g

= 10,3 %

**Lampiran 9.** (lanjutan)

d. Penetapan kadar abu total

• Sampel I

Berat sampel = 2 g

Berat abu = 0,257 g

• Sampel II

Berat sampel = 2 g

Berat abu = 0,24 g

• Sampel III

Berat sampel = 2 g

Berat abu = 0,139 g

= 12,916 %

**Lampiran 9.** (lanjutan)

e. Penetapan kadar abu tidak larut asam

• Sampel I

Berat sampel = 2 g

Berat abu = 0,008 g

• Sampel II

Berat sampel = 2 g

Berat abu = 0,016 g

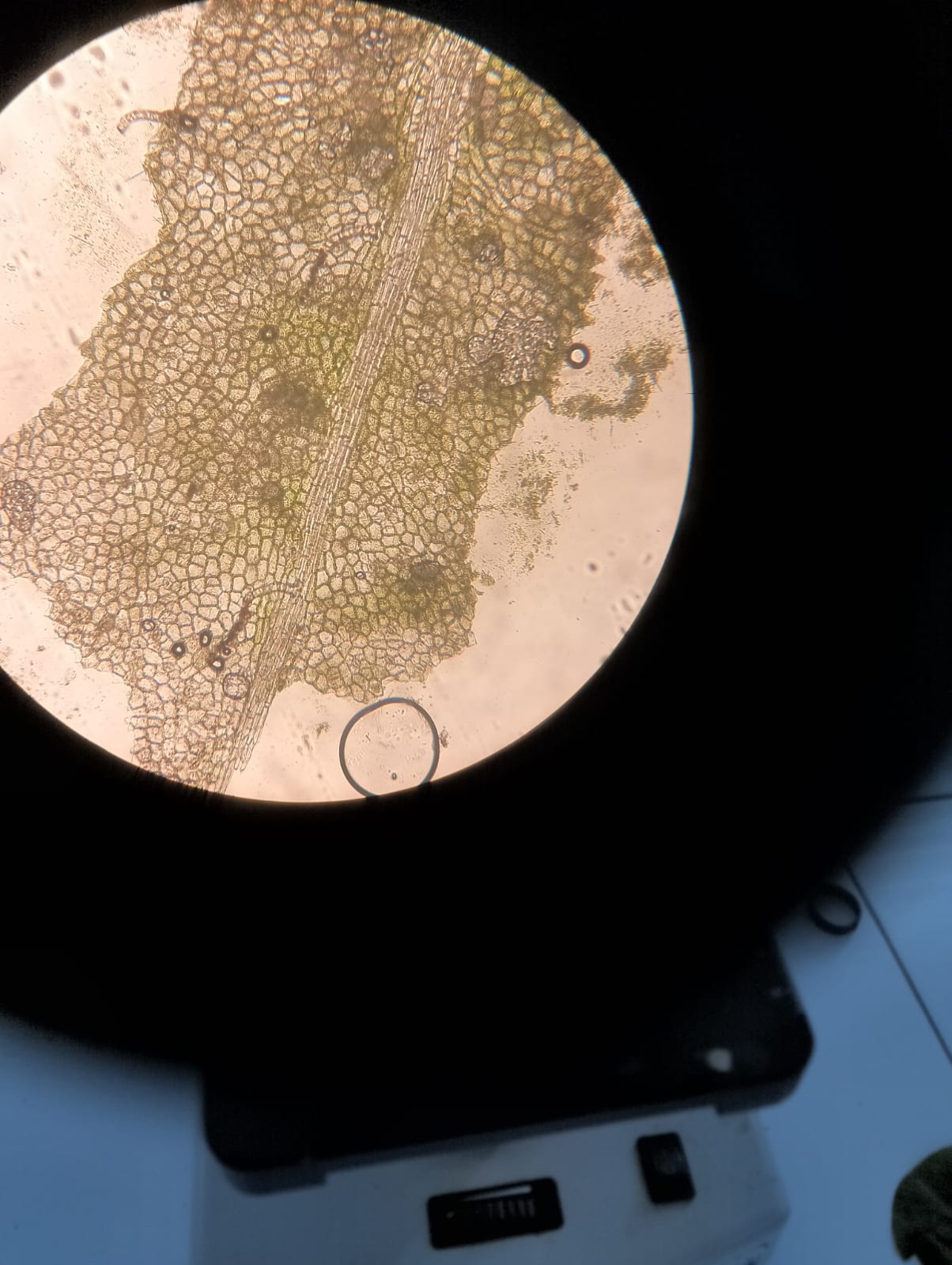
• Sampel III

Berat sampel = 2 g

Berat abu = 0,017 g

**=** 0,68%

**Lampiran 10.** Mikroskopik Daun Timun Tikus (*Coccinia grandis* (L). Voight)



2

3

4

1

Penampang melintang daun timun tikus

Keterangan :

1. Rambut

2. Stomata anomositik

3. Parenkim

4. Berkas Pembuluh

**Lampiran 11.** Hasil Skrining Fitokimia

Serbuk Esktrak Serbuk Ekstrak

Flavonoid (+) Tanin (+)

Serbuk Esktrak Serbuk Esktrak

Saponin (+) Alkaloid (+)



Serbuk Ekstrak

Steroid (+)

**Lampiran 12.** Proses Pembuatan Ekstrak

serbuk dimaserasi selama 5 hari Proses penyaringan

dengan sesekali pengadukan



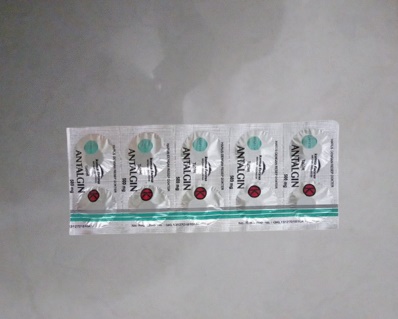
larutan di *rotary evaporator*  Diletakkan dalam *water bath*

**Lampiran 13.** Pengujian Farmakologi

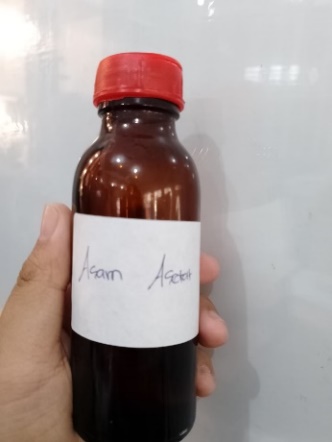
  

Penimbangan ekstrak Pembuatan Suspensi Suspensi ekstrak

ekstrak

Tablet Metampiron 500 mg Suspensi Metampiron 1%

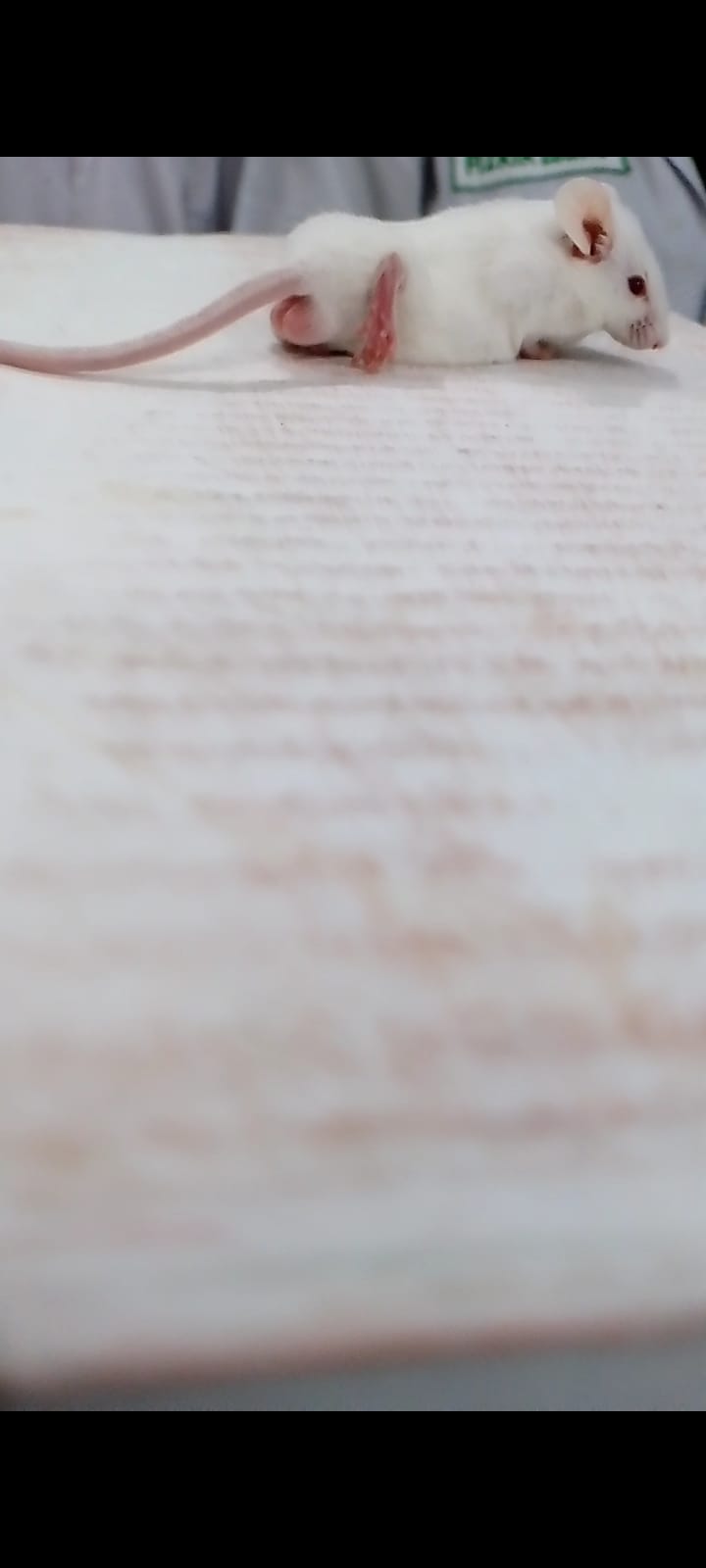
Serbuk CMC Suspensi CMC 0,5% Asam asetat 1%

**Lampiran 13.** (lanjutan)

Penimbangan mencit Pemberian Asam Pengambilan Obat

asetat 1% IP

Pemberian Obat Geliat mencit

peroral

**Lampiran 14**. Tabel Konversi Dosis Hewan Percobaan dengan Manusia

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Konvensi | 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  4 kg | 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 15**. Tabel Volume Maksimun Larutan Sediaan Uji Yang Dapat Diberikan Pada Hewan Uji

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 | 2-5 | 2-5 | 2,5 |
| Marmut (250 g) | - | 0,25 | 5,0 | 5,0 | 10,0 |
| Kelinci (2,5 kg) | 5-10 | 0,5 | 5-10 | 5-10 | 20,0 |
| Kucing (3 kg) | 5-10 | 1,0 | 5-10 | 5-10 | 50,0 |
| Anjing (5 kg) | 10-20 | 5,0 | 10,0 | 10,0 | 100,0 |

**Lampiran 16.** Perhitungan dosis

Misal berat mencit 20 g

a. CMC 0,5%

CMC 0,5% = 0,5 g / 100 ml

= 500 mg / 100 ml

= 5 mg / 100 ml

CMC 0,5% pada mencit 20 g = 0,5 g / 100 ml x 20 g

= 0,1 ml

b. Metampiron 1%

Konversi dosis manusia (70 kg) ke mencit (20 g) = 0,0026

Dosis manusia Metampiron = 500 mg

Dosis Metampiron mencit = 500 mg x 0,0026

= 1,3 mg / 0,02 kg BB

= 65 mg/kgBB

Metampiron 1% = 1 g / 100 ml

= 1000 mg / 100 ml

= 10 mg/ml

Jumlah Metampiron = 65 mg / 1000 g x 20 g

= 1,3 mg

Volume yang diambil = 1,3 mg / 10 mg/ml

= 0,13 ml

c. Ekstrak daun timun tikus 1%

VAO 1% = 1 g / 100 ml

= 1000 mg / 100 ml

= 10 mg / ml

• Ekstrak daun timun tikus 200 mg/kgBB

Dosis = 200 mg / 1000 g x 20 g

= 4 mg

Volume yang diambil = 4 mg / 10 mg/ml

= 0,4 ml

• Ekstrak daun timun tikus 300 mg/kgBB

Dosis = 300 mg / 1000 g x 20 g

**Lampiran 16.** (lanjutan)

= 6 mg

Volume yang diambil = 6 mg / 10 mg/ml

= 0,6 ml

• Ekstrak daun timun tikus 400 mg/kgBB

Dosis = 400 mg / 1000 g x 20 g

= 8 mg

Volume yang diambil = 8 mg / 10 mg/ml

= 0,8 ml

**Lampiran 17.** Perhitungan Dosis Ke Manusia

Misal berat manusia 70 kg

a. CMC 0,5%

CMC 0,5% pada manusia 70 kg = 0,5 g / 100 ml x 70.000 g

= 350 ml

b. Metampiron 1%

Konversi dosis manusia (70 kg) ke manusia (70 kg) = 1,0

Dosis manusia Metampiron = 500 mg

Dosis Metampiron manusia = 500 mg/70 kgBB

c. Ekstrak daun timun tikus 1%

VAO 1% = 1 g / 100 ml

= 1000 mg / 100 ml

= 10 mg / ml

• Ekstrak daun timun tikus 200 mg/kgBB

Dosis = 200 mg / 1000 g x 70.000 g

= 14.000 mg

Volume yang diambil = 14.000 mg / 10 mg/ml

= 1.400 ml

• Ekstrak daun timun tikus 300 mg/kgBB

Dosis = 300 mg / 1000 g x 70.000 g

= 21.000 mg

Volume yang diambil = 21.000 mg / 10 mg/ml

= 2.100 ml

• Ekstrak daun timun tikus 400 mg/kgBB

Dosis = 400 mg / 1000 g x 70.000 g

= 28.000 mg

Volume yang diambil = 28.000 mg / 10 mg/ml

= 2.800 ml

**Lampiran 18.** Tabel Konversi Dosis Mencit dan Manusia

|  |  |  |  |
| --- | --- | --- | --- |
| **N0** | **Dosis** | **Tikus (200 g)** | **Manusia (70 Kg)** |
| 1. | Metampiron | 9 mg ( 0,9 ml ) | 500 mg |
| 2. | EDTT 200 mg/Kg BB | 40 mg ( 2 ml ) | 14.000mg (700 ml) |
| 3. | EDTT 300 mg/Kg BB | 60 mg ( 3 ml ) | 21.000mg ( 1050 ml |
| 4. | EDTT 400 mg/ Kg BB | 80 mg ( 6 ml ) | 28.000mg (1400 ml) |

**Lampiran 19.** Data hasil jumlah geliat mencit jantan yang diamati tiap 5 menit selama 1 jam

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Perlakuan** | **Hewan** | **Waktu (menit)** | | | | | | | | | | | |
| **5** | **10** | **15** | **20** | **25** | **30** | **35** | **40** | **45** | **50** | **55** | **60** |
| CMC 1% | 1 | 17 | 33 | 28 | 25 | 22 | 16 | 15 | 15 | 13 | 11 | 10 | 8 |
| 2 | 20 | 36 | 31 | 27 | 25 | 18 | 17 | 17 | 16 | 14 | 12 | 9 |
| 3 | 20 | 36 | 30 | 28 | 26 | 17 | 16 | 15 | 14 | 14 | 11 | 9 |
| 4 | 18 | 34 | 29 | 26 | 24 | 18 | 17 | 16 | 15 | 15 | 13 | 10 |
| 5 | 19 | 37 | 31 | 28 | 25 | 16 | 15 | 14 | 13 | 12 | 10 | 8 |
| **Rata-rata** | 18.8 | 35.2 | 29.8 | 26.8 | 24.4 | 17 | 16 | 15.4 | 14.2 | 13.2 | 11.2 | 8.8 |
| Metampiron 1% | 1 | 19 | 24 | 19 | 16 | 11 | 7 | 5 | 3 | 1 | 0 | 0 | 0 |
| 2 | 18 | 23 | 18 | 14 | 10 | 9 | 7 | 5 | 3 | 2 | 0 | 0 |
| 3 | 21 | 25 | 20 | 15 | 12 | 9 | 4 | 3 | 2 | 1 | 0 | 0 |
| 4 | 20 | 24 | 19 | 12 | 9 | 7 | 6 | 4 | 2 | 1 | 0 | 0 |
| 5 | 21 | 24 | 19 | 14 | 11 | 8 | 5 | 2 | 1 | 0 | 0 | 0 |
| **Rata-rata** | 20 | 24 | 19 | 14 | 10.6 | 8 | 5.4 | 3.4 | 1.8 | 0.8 | 0 | 0 |
| EDTT 200 mg/kg BB | 1 | 18 | 29 | 25 | 18 | 15 | 14 | 11 | 9 | 7 | 5 | 2 | 1 |
| 2 | 17 | 27 | 24 | 19 | 16 | 12 | 10 | 7 | 5 | 3 | 1 | 0 |
| 3 | 19 | 30 | 25 | 20 | 17 | 13 | 10 | 8 | 4 | 2 | 0 | 0 |
| 4 | 18 | 26 | 22 | 19 | 17 | 12 | 13 | 10 | 6 | 4 | 2 | 1 |
| 5 | 17 | 28 | 24 | 16 | 13 | 10 | 9 | 7 | 5 | 2 | 1 | 0 |
| **Rata-rata** | 17.8 | 28 | 24 | 18.4 | 15.60 | 12.2 | 10.6 | 8.2 | 5.4 | 3.2 | 1.2 | 0.4 |

**Lampiran 19.** (lanjutan)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Perlakuan** | **Hewan** | **Waktu (Menit)** | | | | | | | | | | | |
| **5** | **10** | **15** | **20** | **25** | **30** | **35** | **40** | **45** | **50** | **55** | **60** |
| EDTT 300 mg/kg BB | 1 | 16 | 24 | 18 | 16 | 15 | 11 | 8 | 6 | 3 | 1 | 0 | 0 |
| 2 | 18 | 26 | 22 | 18 | 15 | 10 | 9 | 7 | 4 | 3 | 2 | 1 |
| 3 | 17 | 25 | 20 | 18 | 14 | 12 | 7 | 5 | 3 | 2 | 1 | 0 |
| 4 | 17 | 23 | 20 | 16 | 14 | 11 | 7 | 5 | 4 | 2 | 1 | 0 |
| 5 | 15 | 24 | 21 | 19 | 16 | 12 | 8 | 6 | 5 | 3 | 0 | 0 |
| **Rata-rata** | 16.6 | 24.4 | 20.2 | 17.4 | 14.8 | 11.2 | 7.8 | 5.8 | 3.8 | 2.2 | 0.8 | 0.2 |
| EDTT 400 mg/kg BB | 1 | 14 | 24 | 17 | 15 | 12 | 10 | 6 | 3 | 2 | 1 | 0 | 0 |
| 2 | 16 | 26 | 20 | 16 | 13 | 9 | 7 | 5 | 3 | 2 | 1 | 0 |
| 3 | 17 | 23 | 20 | 14 | 10 | 8 | 5 | 4 | 2 | 2 | 1 | 0 |
| 4 | 15 | 22 | 18 | 15 | 11 | 8 | 7 | 5 | 6 | 3 | 2 | 0 |
| 5 | 18 | 25 | 21 | 17 | 11 | 9 | 6 | 6 | 3 | 1 | 0 | 0 |
| **Rata-rata** | 16 | 24 | 19.2 | 15.4 | 11.4 | 8.8 | 6.2 | 4.6 | 3.2 | 1.8 | 0.8 | 0 |

**Lampiran 20.** Perhitungan Persentase Daya Analgesik

a. Metampiron 1%

• 5 menit

Rata-rata geliat Metampiron 1% = 19,8

Rata-rata geliat kontrol negatif CMC 0,5% = 18,8

= 5,31%

• 10 menit

Rata-rata geliat Metampiron 1% = 24

Rata-rata geliat kontrol negatif CMC 0,5% = 35,2

= 31,81%

• 15 menit

Rata-rata geliat Metampiron 1% = 19

Rata-rata geliat kontrol negatif CMC 0,5% = 29,8

= 36,24%

• 20 menit

Rata-rata geliat Metampiron 1% = 14,2

Rata-rata geliat kontrol negatif CMC 0,5% = 26,8

= 47,01%

• 25 menit

Rata-rata geliat Metampiron 1% = 10,6

Rata-rata geliat kontrol negatif CMC 0,5% = 24,4

**Lampiran 20.** (lanjutan)

= 56,56%

• 30 menit

Rata-rata geliat Metampiron 1% = 8

Rata-rata geliat kontrol negatif CMC 0,5% = 17

= 52,94%

• 35 menit

Rata-rata geliat Metampiron 1% = 5,4

Rata-rata geliat kontrol negatif CMC 0,5% = 16

= 66,25%

• 40 menit

Rata-rata geliat Metampiron 1% = 3,4

Rata-rata geliat kontrol negatif CMC 0,5% = 15,4

= 77,92%

• 45 menit

Rata-rata geliat Metampiron 1% = 1,8

Rata-rata geliat kontrol negatif CMC 0,5% = 14,2

= 87,32%

• 50 menit

Rata-rata geliat Metampiron 1% = 0,8

Rata-rata geliat kontrol negatif CMC 0,5% = 13,2

= 93,94%

**Lampiran 20.** (lanjutan)

• 55 menit

Rata-rata geliat Metampiron 1% = 0

Rata-rata geliat kontrol negatif CMC 0,5% = 11,2

= 100%

• 60 menit

Rata-rata geliat Metampiron 1% = 0

Rata-rata geliat kontrol negatif CMC 0,5% = 8,8

= 100%

Jadi, rata-rata persentase daya analgesik kontrol positif metampiron 1% adalah 62,94%.

b. EDTT 200 mg/kgBB

• 5 menit

Rata-rata geliat EDTT 200 mg/kgBB = 17,8

Rata-rata geliat kontrol negatif CMC 0,5% = 18,8

= 5,31%

• 10 menit

Rata-rata geliat EDTT 200 mg/kgBB = 28

Rata-rata geliat kontrol negatif CMC 0,5% = 35,2

= 20,45%

• 15 menit

Rata-rata geliat EDTT 200 mg/kgBB = 24

Rata-rata geliat kontrol negatif CMC 0,5% = 29,8

**Lampiran 20.** (lanjutan)

= 19,46%

• 20 menit

Rata-rata geliat EDTT 200 mg/kgBB = 18,4

Rata-rata geliat kontrol negatif CMC 0,5% = 26,8

= 31,34%

• 25 menit

Rata-rata geliat EDTT 200 mg/kgBB = 15,6

Rata-rata geliat kontrol negatif CMC 0,5% = 24,4

**Lampiran 16.** (lanjutan)

= 36,06%

• 30 menit

Rata-rata geliat EDTT 200 mg/kgBB = 12,2

Rata-rata geliat kontrol negatif CMC 0,5% = 17

= 28,23%

• 35 menit

Rata-rata geliat EDTT 200 mg/kgBB = 10,6

Rata-rata geliat kontrol negatif CMC 0,5% = 16

= 33,75%

• 40 menit

Rata-rata geliat EDTT 200 mg/kgBB = 8,2

Rata-rata geliat kontrol negatif CMC 0,5% = 15,4

= 46,75%

**Lampiran 20.** (lanjutan)

• 45 menit

Rata-rata geliat EDTT 200 mg/kgBB = 5,4

Rata-rata geliat kontrol negatif CMC 0,5% = 14,2

= 61,97%

• 50 menit

Rata-rata geliat EDTT 200 mg/kgBB = 3,2

Rata-rata geliat kontrol negatif CMC 0,5% = 13,2

= 75,76%

• 55 menit

Rata-rata geliat EDTT 200 mg/kgBB = 1,2

Rata-rata geliat kontrol negatif CMC 0,5% = 11,2

= 88,93%

• 60 menit

Rata-rata geliat EDTT 200 mg/kgBB = 0,4

Rata-rata geliat kontrol negatif CMC 0,5% = 8,8

= 95,45%

Jadi, rata-rata persentase daya analgesik EDTT 200 mg/kgBB adalah 45,28%.

c. EDTT 300 mg/kgBB

• 5 menit

Rata-rata geliat EDTT 300 mg/kgBB = 16,6

Rata-rata geliat kontrol negatif CMC 0,5% = 18,8

**Lampiran 20.** (lanjutan)

= 11,7%

• 10 menit

Rata-rata geliat EDTT 300 mg/kgBB = 24,4

Rata-rata geliat kontrol negatif CMC 0,5% = 35,2

= 30,68%

• 15 menit

Rata-rata geliat EDTT 300 mg/kgBB = 20,2

Rata-rata geliat kontrol negatif CMC 0,5% = 29,8

**Lampiran 16.** (lanjutan)

= 32,21%

• 20 menit

Rata-rata geliat EDTT 300 mg/kgBB = 17,4

Rata-rata geliat kontrol negatif CMC 0,5% = 26,8

= 35,07%

• 25 menit

Rata-rata geliat EDTT 300 mg/kgBB = 14,8

Rata-rata geliat kontrol negatif CMC 0,5% = 24,4

**Lampiran 16.** (lanjutan)

= 39,34%

• 30 menit

Rata-rata geliat EDTT 300 mg/kgBB = 11,2

Rata-rata geliat kontrol negatif CMC 0,5% = 17

= 34,88%

**Lampiran 20.** (lanjutan)

• 35 menit

Rata-rata geliat EDTT 300 mg/kgBB = 7,8

Rata-rata geliat kontrol negatif CMC 0,5% = 16

= 51,25%

• 40 menit

Rata-rata geliat EDTT 300 mg/kgBB = 5,8

Rata-rata geliat kontrol negatif CMC 0,5% = 15,4

= 62,33%

• 45 menit

Rata-rata geliat EDTT 300 mg/kgBB = 3,8

Rata-rata geliat kontrol negatif CMC 0,5% = 14,2

= 73,23%

• 50 menit

Rata-rata geliat EDTT 300 mg/kgBB = 2,2

Rata-rata geliat kontrol negatif CMC 0,5% = 13,2

= 83,33%

• 55 menit

Rata-rata geliat EDTT 300 mg/kgBB = 0,8

Rata-rata geliat kontrol negatif CMC 0,5% = 11,2

= 92,85%

**Lampiran 20.** (lanjutan)

• 60 menit

Rata-rata geliat EDTT 300 mg/kgBB = 0,2

Rata-rata geliat kontrol negatif CMC 0,5% = 8,8

= 97,72%

Jadi, rata-rata persentase daya analgesik EDTT 300 mg/kgBB adalah 53,71%.

d. EDTT 400 mg/kgBB

• 5 menit

Rata-rata geliat EDTT 400 mg/kgBB = 16

Rata-rata geliat kontrol negatif CMC 0,5% = 18,8

**Lampiran 16.** (lanjutan)

= 14,89%

• 10 menit

Rata-rata geliat EDTT 400 mg/kgBB = 24

Rata-rata geliat kontrol negatif CMC 0,5% = 35,2

= 31,81%

• 15 menit

Rata-rata geliat EDTT 400 mg/kgBB = 19,2

Rata-rata geliat kontrol negatif CMC 0,5% = 29,8

**Lampiran 16.** (lanjutan)

= 35,57%

• 20 menit

Rata-rata geliat EDTT 400 mg/kgBB = 15,4

Rata-rata geliat kontrol negatif CMC 0,5% = 26,8

**Lampiran 20.** (lanjutan)

= 42,53%

• 25 menit

Rata-rata geliat EDTT 400 mg/kgBB = 11,4

Rata-rata geliat kontrol negatif CMC 0,5% = 24,4

**Lampiran 16.** (lanjutan)

= 53,27%

• 30 menit

Rata-rata geliat EDTT 400 mg/kgBB = 8,8

Rata-rata geliat kontrol negatif CMC 0,5% = 17

= 48,23%

• 35 menit

Rata-rata geliat EDTT 400 mg/kgBB = 6,2

Rata-rata geliat kontrol negatif CMC 0,5% = 16

= 61,25%

• 40 menit

Rata-rata geliat EDTT 400 mg/kgBB = 4,6

Rata-rata geliat kontrol negatif CMC 0,5% = 15,4

= 70,12%

• 45 menit

Rata-rata geliat EDTT 400 mg/kgBB = 3,2

Rata-rata geliat kontrol negatif CMC 0,5% = 14,2

= 77,46%

**Lampiran 20.** (lanjutan)

• 50 menit

Rata-rata geliat EDTT 400 mg/kgBB = 1,8

Rata-rata geliat kontrol negatif CMC 0,5% = 13,2

= 86,36%

• 55 menit

Rata-rata geliat EDTT 400 mg/kgBB = 0,8

Rata-rata geliat kontrol negatif CMC 0,5% = 11,2

= 92,85%

• 60 menit

Rata-rata geliat EDTT 400 mg/kgBB = 0

Rata-rata geliat kontrol negatif CMC 0,5% = 8,8

= 100%

Jadi, rata-rata persentase daya analgesik EDTT 400 mg/kgBB adalah 59,53%.

**Lampiran 21.** Perhitungan Persentase Efektivitas Analgesik

a. Kontrol positif metampiron 1%

%Daya analgesik kontrol positif metampiron 1% = 62,94%

%Daya analgesik kontrol positif metampiron 1% = 62,94%

= 100%

b. EDTT 200 mg/kgBB

%Daya analgesik EDTT 200 mg/kgBB = 45,28%

%Daya analgesik kontrol positif metampiron 1% = 62,94%

= 71,94%

b. EDTT 300 mg/kgBB

%Daya analgesik EDTT 300 mg/kgBB = 53,71%

%Daya analgesik kontrol positif metampiron 1% = 62,94%

= 85,33%

b. EDTT 400 mg/kgBB

%Daya analgesik EDTT 200 mg/kgBB = 59,53%

%Daya analgesik kontrol positif metampiron 1% = 62,94%

= 94,58%

**Lampiran 22.** Hasil Uji Normalitas

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | | | | | | | | | | | | | |
|  | | Perlakuan | Kolmogorov-Smirnova | | | | | | | | | Shapiro-Wilk | | | | | | |
| Statistic | | | | df | | | Sig. | | Statistic | | df | | Sig. | | |
| Menit ke 5 | | CMC 0,5% | .221 | | | | 5 | | | .200\* | | .902 | | 5 | | .421 | | |
| Metampiron | .221 | | | | 5 | | | .200\* | | .902 | | 5 | | .421 | | |
| EDTT 200mg/kgBB | .231 | | | | 5 | | | .200\* | | .881 | | 5 | | .314 | | |
| EDTT 300mg/kgBB | .237 | | | | 5 | | | .200\* | | .961 | | 5 | | .814 | | |
| EDTT 400mg/kgBB | .136 | | | | 5 | | | .200\* | | .987 | | 5 | | .967 | | |
| Menit ke 10 | CMC 0,5% | | | .287 | | 5 | | | .200\* | | | .914 | | 5 | | | .490 | |
| Metampiron | | | .300 | | 5 | | | .161 | | | .883 | | 5 | | | .325 | |
| EDTT 200mg/kgBB | | | .136 | | 5 | | | .200\* | | | .987 | | 5 | | | .967 | |
| EDTT 300mg/kgBB | | | .237 | | 5 | | | .200\* | | | .961 | | 5 | | | .814 | |
| EDTT 400mg/kgBB | | | .136 | | 5 | | | .200\* | | | .987 | | 5 | | | .967 | |
| Menit ke 15 | CMC 0,5% | | | .221 | | 5 | | | .200\* | | | .902 | | 5 | | | .421 | | |
| Metampiron | | | .300 | | 5 | | | .161 | | | .883 | | 5 | | | .325 | | |
| EDTT 200mg/kgBB | | | .300 | | 5 | | | .161 | | | .833 | | 5 | | | .146 | | |
| EDTT 300mg/kgBB | | | .246 | | 5 | | | .200\* | | | .956 | | 5 | | | .777 | | |
| EDTT 400mg/kgBB | | | .287 | | 5 | | | .200\* | | | .914 | | 5 | | | .490 | | |
| Menit ke 20 | CMC 0,5% | | | | .221 | | | 5 | | | .200\* | | .902 | | 5 | | | .421 | | |
| Metampiron | | | | .246 | | | 5 | | | .200\* | | .956 | | 5 | | | .777 | | |
| EDTT 200mg/kgBB | | | | .254 | | | 5 | | | .200\* | | .914 | | 5 | | | .492 | | |
| EDTT 300mg/kgBB | | | | .273 | | | 5 | | | .200\* | | .852 | | 5 | | | .201 | | |
| EDTT 400mg/kgBB | | | | .237 | | | 5 | | | .200\* | | .961 | | 5 | | | .814 | | |

**Lampiran 22.** (lanjutan)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Menit ke 25 | CMC 0,5% | .254 | | 5 | | .200\* | | .914 | | 5 | | .492 | |
| Metampiron | .237 | | 5 | | .200\* | | .961 | | 5 | | .814 | |
| EDTT 200mg/kgBB | .201 | | 5 | | .200\* | | .881 | | 5 | | .314 | |
| EDTT 300mg/kgBB | .231 | | 5 | | .200\* | | .881 | | 5 | | .314 | |
| EDTT 400mg/kgBB | .237 | | 5 | | .200\* | | .961 | | 5 | | .814 | |
| Menit ke 30 | CMC 0,5% | | .241 | | 5 | | .200\* | | .821 | | 5 | | .119 | |
| Metampiron | | .241 | | 5 | | .200\* | | .821 | | 5 | | .119 | |
| EDTT 200mg/kgBB | | .246 | | 5 | | .200\* | | .956 | | 5 | | .777 | |
| EDTT 300mg/kgBB | | .231 | | 5 | | .200\* | | .881 | | 5 | | .314 | |
| EDTT 400mg/kgBB | | .231 | | 5 | | .200\* | | .881 | | 5 | | .314 | |
| Menit ke 35 | CMC 0,5% | | .241 | | 5 | | .200\* | | .821 | | 5 | | .119 | | |
| Metampiron | | .237 | | 5 | | .200\* | | .961 | | 5 | | .814 | | |
| EDTT 200mg/kgBB | | .254 | | 5 | | .200\* | | .914 | | 5 | | .492 | | |
| EDTT 300mg/kgBB | | .231 | | 5 | | .200\* | | .881 | | 5 | | .314 | | |
| EDTT 400mg/kgBB | | .231 | | 5 | | .200\* | | .881 | | 5 | | .314 | | |
| Menit ke 40 | CMC 0,5% | | .237 | | 5 | | .200\* | | .961 | | 5 | | .814 | | |
| Metampiron | | .237 | | 5 | | .200\* | | .961 | | 5 | | .814 | | |
| EDTT 200mg/kgBB | | .221 | | 5 | | .200\* | | .902 | | 5 | | .421 | | |
| EDTT 300mg/kgBB | | .231 | | 5 | | .200\* | | .881 | | 5 | | .314 | | |
| EDTT 400mg/kgBB | | .237 | | 5 | | .200\* | | .961 | | 5 | | .814 | | |

**Lampiran 22.** (lanjutan)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Menit ke 45 | CMC 0,5% | .221 | 5 | .200\* | .902 | 5 | .421 |
| Metampiron | .231 | 5 | .200\* | .881 | 5 | .314 |
| EDTT 200mg/kgBB | .237 | 5 | .200\* | .961 | 5 | .814 |
| EDTT 300mg/kgBB | .231 | 5 | .200\* | .881 | 5 | .314 |
| EDTT 400mg/kgBB | .348 | 5 | .047 | .779 | 5 | .054 |
| Menit ke 50 | CMC 0,5% | .287 | 5 | .200\* | .914 | 5 | .490 |
| Metampiron | .231 | 5 | .200\* | .881 | 5 | .314 |
| EDTT 200mg/kgBB | .221 | 5 | .200\* | .902 | 5 | .421 |
| EDTT 300mg/kgBB | .231 | 5 | .200\* | .881 | 5 | .314 |
| EDTT 400mg/kgBB | .231 | 5 | .200\* | .881 | 5 | .314 |
| Menit ke 55 | CMC 0,5% | .221 | 5 | .200\* | .902 | 5 | .421 |
| Metampiron | . | 5 | . | . | 5 | . |
| EDTT 200mg/kgBB | .231 | 5 | .200\* | .881 | 5 | .314 |
| EDTT 300mg/kgBB | .231 | 5 | .200\* | .881 | 5 | .314 |
| EDTT 400mg/kgBB | .231 | 5 | .200\* | .881 | 5 | .314 |
| Menit ke 60 | CMC 0,5% | .231 | 5 | .200\* | .881 | 5 | .314 | |
| Metampiron | . | 5 | . | . | 5 | . | |
| EDTT 200mg/kgBB | .367 | 5 | .026 | .684 | 5 | .006 | |
| EDTT 300mg/kgBB | .473 | 5 | .001 | .552 | 5 | .000 | |
| EDTT 400mg/kgBB | . | 5 | . | . | 5 | . | |

|  |
| --- |
| \*. This is a lower bound of the true significance. |
| a. Lilliefors Significance Correction |

**Lampiran 23.** Hasil Uji Homogenitas

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test of Homogeneity of Variances** | | | | | | | | | | | | | | | |
|  | | | Levene Statistic | | df1 | | | | df2 | | | | Sig. | | |
| Menit ke 5 | | Based on Mean | .585 | | 4 | | | | 20 | | | | .677 | | |
| Based on Median | .481 | | 4 | | | | 20 | | | | .749 | | |
| Based on Median and with adjusted df | .481 | | 4 | | | | 18.573 | | | | .749 | | |
| Based on trimmed mean | .559 | | 4 | | | | 20 | | | | .695 | | |
| Menit ke 10 | Based on Mean | | | 1.507 | | | | 4 | | | | 20 | | | .238 |
| Based on Median | | | .780 | | | | 4 | | | | 20 | | | .551 |
| Based on Median and with adjusted df | | | .780 | | | | 4 | | | | 15.110 | | | .555 |
| Based on trimmed mean | | | 1.488 | | | | 4 | | | | 20 | | | .243 |
| Menit ke 15 | Based on Mean | | | 1.226 | | 4 | | | | 20 | | | .331 | | | |
| Based on Median | | | .548 | | 4 | | | | 20 | | | .703 | | | |
| Based on Median and with adjusted df | | | .548 | | 4 | | | | 14.949 | | | .704 | | | |
| Based on trimmed mean | | | 1.207 | | 4 | | | | 20 | | | .339 | | | |
| Menit ke 20 | Based on Mean | | | .096 | | 4 | | | | 20 | | | .982 | | | |
| Based on Median | | | .043 | | 4 | | | | 20 | | | .996 | | | |
| Based on Median and with adjusted df | | | .043 | | 4 | | | | 17.707 | | | .996 | | | |
| Based on trimmed mean | | | .094 | | 4 | | | | 20 | | | .983 | | | |
| Menit ke 25 | Based on Mean | | | .651 | | | 4 | | | | 20 | | | .633 | | | |
| Based on Median | | | .295 | | | 4 | | | | 20 | | | .877 | | | |
| Based on Median and with adjusted df | | | .295 | | | 4 | | | | 16.269 | | | .877 | | | |
| Based on trimmed mean | | | .595 | | | 4 | | | | 20 | | | .670 | | | |

**Lampiran 23.** (lanjutan)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Menit ke 30 | Based on Mean | | .414 | | | 4 | | | 20 | | | .797 | | |
| Based on Median | | .350 | | | 4 | | | 20 | | | .841 | | |
| Based on Median and with adjusted df | | .350 | | | 4 | | | 12.698 | | | .839 | | |
| Based on trimmed mean | | .419 | | | 4 | | | 20 | | | .793 | | |
| Menit ke 35 | Based on Mean | | .605 | | | 4 | | | 20 | | | .664 | | |
| Based on Median | | .233 | | | 4 | | | 20 | | | .916 | | |
| Based on Median and with adjusted df | | .233 | | | 4 | | | 12.162 | | | .914 | | |
| Based on trimmed mean | | .565 | | | 4 | | | 20 | | | .691 | | |
| Menit ke 40 | | Based on Mean | | .334 | | | 4 | | | 20 | | | .852 | | |
| Based on Median | | .172 | | | 4 | | | 20 | | | .950 | | |
| Based on Median and with adjusted df | | .172 | | | 4 | | | 18.586 | | | .950 | | |
| Based on trimmed mean | | .310 | | | 4 | | | 20 | | | .868 | | |
| Menit ke 45 | | Based on Mean | | .563 | | | 4 | | | 20 | | | .692 | | |
| Based on Median | | .303 | | | 4 | | | 20 | | | .872 | | |
| Based on Median and with adjusted df | | .303 | | | 4 | | | 13.741 | | | .871 | | |
| Based on trimmed mean | | .440 | | | 4 | | | 20 | | | .778 | | |
| Menit ke 50 | | Based on Mean | | | 2.055 | | | 4 | | | 20 | | | .125 | | |
| Based on Median | | | .645 | | | 4 | | | 20 | | | .637 | | |
| Based on Median and with adjusted df | | | .645 | | | 4 | | | 11.273 | | | .641 | | |
| Based on trimmed mean | | | 1.972 | | | 4 | | | 20 | | | .138 | | |

**Lampiran 23.** (lanjutan)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Menit ke 55 | Based on Mean | 3.825 | 4 | 20 | .018 |
| Based on Median | 2.286 | 4 | 20 | .096 |
| Based on Median and with adjusted df | 2.286 | 4 | 15.077 | .108 |
| Based on trimmed mean | 3.797 | 4 | 20 | .019 |
| Menit ke 60 | Based on Mean | 7.529 | 4 | 20 | .001 | |
| Based on Median | 2.125 | 4 | 20 | .115 | |
| Based on Median and with adjusted df | 2.125 | 4 | 11.636 | .142 | |
| Based on trimmed mean | 7.211 | 4 | 20 | .001 | |

**Lampiran 24.** Hasil Uji *One Way* ANOVA

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| Menit ke 5 | | | | | |
|  | Sum of Squares | Df | Mean Square | F | Sig. |
| Between Groups | 48.400 | 4 | 12.100 | 7.658 | .001 |
| Within Groups | 31.600 | 20 | 1.580 |  |  |
| Total | 80.000 | 24 |  |  |  |
| Menit ke 10 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 464.640 | 4 | 116.160 | 61.137 | .000 |
| Within Groups | 38.000 | 20 | 1.900 |  |  |
| Total | 502.640 | 24 |  |  |  |
| Menit ke 15 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 419.760 | 4 | 104.940 | 61.012 | .000 |
| Within Groups | 34.400 | 20 | 1.720 |  |  |
| Total | 454.160 | 24 |  |  |  |
| Menit ke 20 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 490.960 | 4 | 122.740 | 65.989 | .000 |
| Within Groups | 37.200 | 20 | 1.860 |  |  |
| Total | 528.160 | 24 |  |  |  |
| Menit ke 25 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 602.160 | 4 | 150.540 | 89.607 | .000 |
| Within Groups | 33.600 | 20 | 1.680 |  |  |
| Total | 635.760 | 24 |  |  |  |

**Lampiran 24.** (lanjutan)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Menit ke 30 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 251.760 | 4 | 62.940 | 56.196 | .000 |
| Within Groups | 22.400 | 20 | 1.120 |  |  |
| Total | 274.160 | 24 |  |  |  |
| Menit ke 35 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 368.000 | 4 | 92.000 | 76.667 | .000 |
| Within Groups | 24.000 | 20 | 1.200 |  |  |
| Total | 392.000 | 24 |  |  |  |
| Menit ke 40 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 455.040 | 4 | 113.760 | 90.286 | .000 |
| Within Groups | 25.200 | 20 | 1.260 |  |  |
| Total | 480.240 | 24 |  |  |  |
| Menit ke 45 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 487.040 | 4 | 121.760 | 85.746 | .000 |
| Within Groups | 28.400 | 20 | 1.420 |  |  |
| Total | 515.440 | 24 |  |  |  |
| Menit ke 50 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 516.560 | 4 | 129.140 | 99.338 | .000 |
| Within Groups | 26.000 | 20 | 1.300 |  |  |
| Total | 542.560 | 24 |  |  |  |

**Lampiran 24.** (lanjutan)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Menit ke 55 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 444.800 | 4 | 111.200 | 146.316 | .000 |
| Within Groups | 15.200 | 20 | .760 |  |  |
| Total | 460.000 | 24 |  |  |  |
| Menit ke 60 | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 299.840 | 4 | 74.960 | 312.333 | .000 |
| Within Groups | 4.800 | 20 | .240 |  |  |
| Total | 304.640 | 24 |  |  |  |

**Lampiran 25.** Hasil Uji *Tukey HSD*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit ke 5** | | | | |
| Tukey HSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| EDTT 400mg/kgBB | 5 | 16.00 |  |  |
| EDTT 300mg/kgBB | 5 | 16.60 | 16.60 |  |
| EDTT 200mg/kgBB | 5 | 17.80 | 17.80 | 17.80 |
| CMC 0,5% | 5 |  | 18.80 | 18.80 |
| Metampiron | 5 |  |  | 19.80 |
| Sig. |  | .198 | .078 | .127 |
| **Menit ke 10** | | | | |
| Tukey HSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Metampiron | 5 | 24.00 |  |  |
| EDTT 400mg/kgBB | 5 | 24.00 |  |  |
| EDTT 300mg/kgBB | 5 | 24.40 |  |  |
| EDTT 200mg/kgBB | 5 |  | 28.00 |  |
| CMC 0,5% | 5 |  |  | 35.20 |
| Sig. |  | .990 | 1.000 | 1.000 |

**Lampiran 25.** (lanjutan)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Menit ke 15** | | | | | | | | | |
| Tukey HSDa | | | | | | | | | |
| Perlakuan | | N | | Subset for alpha = 0.05 | | | | | |
| 1 | | 2 | | 3 | |
| Metampiron | | 5 | | 19.00 | |  | |  | |
| EDTT 400mg/kgBB | | 5 | | 19.20 | |  | |  | |
| EDTT 300mg/kgBB | | 5 | | 20.20 | |  | |  | |
| EDTT 200mg/kgBB | | 5 | |  | | 24.00 | |  | |
| CMC 0,5% | | 5 | |  | |  | | 29.80 | |
| Sig. | |  | | .606 | | 1.000 | | 1.000 | |
| **Menit ke 20** | | | | | | | | | |
| Tukey HSDa | | | | | | | | | |
| Perlakuan | N | | Subset for alpha = 0.05 | | | | | | |
| 1 | | 2 | | 3 | | 4 |
| Metampiron | 5 | | 14.20 | |  | |  | |  |
| EDTT 400mg/kgBB | 5 | | 15.40 | | 15.40 | |  | |  |
| EDTT 300mg/kgBB | 5 | |  | | 17.40 | | 17.40 | |  |
| EDTT 200mg/kgBB | 5 | |  | |  | | 18.40 | |  |
| CMC 0,5% | 5 | |  | |  | |  | | 26.80 |
| Sig. |  | | .640 | | .180 | | .774 | | 1.000 |

**Lampiran 25.** (lanjutan)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit ke 25** | | | | |
| Tukey HSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Metampiron | 5 | 10.60 |  |  |
| EDTT 400mg/kgBB | 5 | 11.40 |  |  |
| EDTT 300mg/kgBB | 5 |  | 14.80 |  |
| EDTT 200mg/kgBB | 5 |  | 15.60 |  |
| CMC 0,5% | 5 |  |  | 24.40 |
| Sig. |  | .863 | .863 | 1.000 |
| **Menit ke 30** | | | | |
| Tukey HSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Metampiron | 5 | 8.00 |  |  |
| EDTT 400mg/kgBB | 5 | 8.80 |  |  |
| EDTT 300mg/kgBB | 5 |  | 11.20 |  |
| EDTT 200mg/kgBB | 5 |  | 12.20 |  |
| CMC 0,5% | 5 |  |  | 17.00 |
| Sig. |  | .754 | .578 | 1.000 |

**Lampiran 25.** (lanjutan)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Menit ke 35** | | | | | | | | | |
| Tukey HSDa | | | | | | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | | | | | | |
| 1 | | 2 | | 3 | | 4 | |
| Metampiron | 5 | 5.40 | |  | |  | |  | |
| EDTT 400mg/kgBB | 5 | 6.20 | | 6.20 | |  | |  | |
| EDTT 300mg/kgBB | 5 |  | | 7.80 | |  | |  | |
| EDTT 200mg/kgBB | 5 |  | |  | | 10.60 | |  | |
| CMC 0,5% | 5 |  | |  | |  | | 16.00 | |
| Sig. |  | .776 | | .183 | | 1.000 | | 1.000 | |
| **Menit ke 40** | | | | | | | | | | |
| Tukey HSDa | | | | | | | | | | |
| Perlakuan | N | | Subset for alpha = 0.05 | | | | | | | |
| 1 | | 2 | | 3 | | 4 | |
| Metampiron | 5 | | 3.40 | |  | |  | |  | |
| EDTT 400mg/kgBB | 5 | | 4.60 | | 4.60 | |  | |  | |
| EDTT 300mg/kgBB | 5 | |  | | 5.80 | |  | |  | |
| EDTT 200mg/kgBB | 5 | |  | |  | | 8.20 | |  | |
| CMC 0,5% | 5 | |  | |  | |  | | 15.40 | |
| Sig. |  | | .462 | | .462 | | 1.000 | | 1.000 | |

**Lampiran 25.** (lanjutan)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Menit ke 45** | | | | |
| Tukey HSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Metampiron | 5 | 1.80 |  |  |
| EDTT 400mg/kgBB | 5 | 3.20 | 3.20 |  |
| EDTT 300mg/kgBB | 5 | 3.80 | 3.80 |  |
| EDTT 200mg/kgBB | 5 |  | 5.40 |  |
| CMC 0,5% | 5 |  |  | 14.20 |
| Sig. |  | .098 | .058 | 1.000 |
| **Menit ke 50** | | | | |
| Tukey HSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Metampiron | 5 | .80 |  |  |
| EDTT 400mg/kgBB | 5 | 1.80 | 1.80 |  |
| EDTT 300mg/kgBB | 5 | 2.20 | 2.20 |  |
| EDTT 200mg/kgBB | 5 |  | 3.20 |  |
| CMC 0,5% | 5 |  |  | 13.20 |
| Sig. |  | .329 | .329 | 1.000 |

**Lampiran 25.** (lanjutan)

|  |  |  |  |
| --- | --- | --- | --- |
| **Menit ke 55** | | | |
| Tukey HSDa | | | |
| Perlakuan | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Metampiron | 5 | .00 |  |
| EDTT 300mg/kgBB | 5 | .80 |  |
| EDTT 400mg/kgBB | 5 | .80 |  |
| EDTT 200mg/kgBB | 5 | 1.20 |  |
| CMC 0,5% | 5 |  | 11.20 |
| Sig. |  | .229 | 1.000 |
| **Menit ke 60** | | | |
| Tukey HSDa | | | |
| Perlakuan | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Metampiron | 5 | .00 |  |
| EDTT 400mg/kgBB | 5 | .00 |  |
| EDTT 300mg/kgBB | 5 | .20 |  |
| EDTT 200mg/kgBB | 5 | .40 |  |
| CMC 0,5% | 5 |  | 8.80 |
| Sig. |  | .699 | 1.000 |