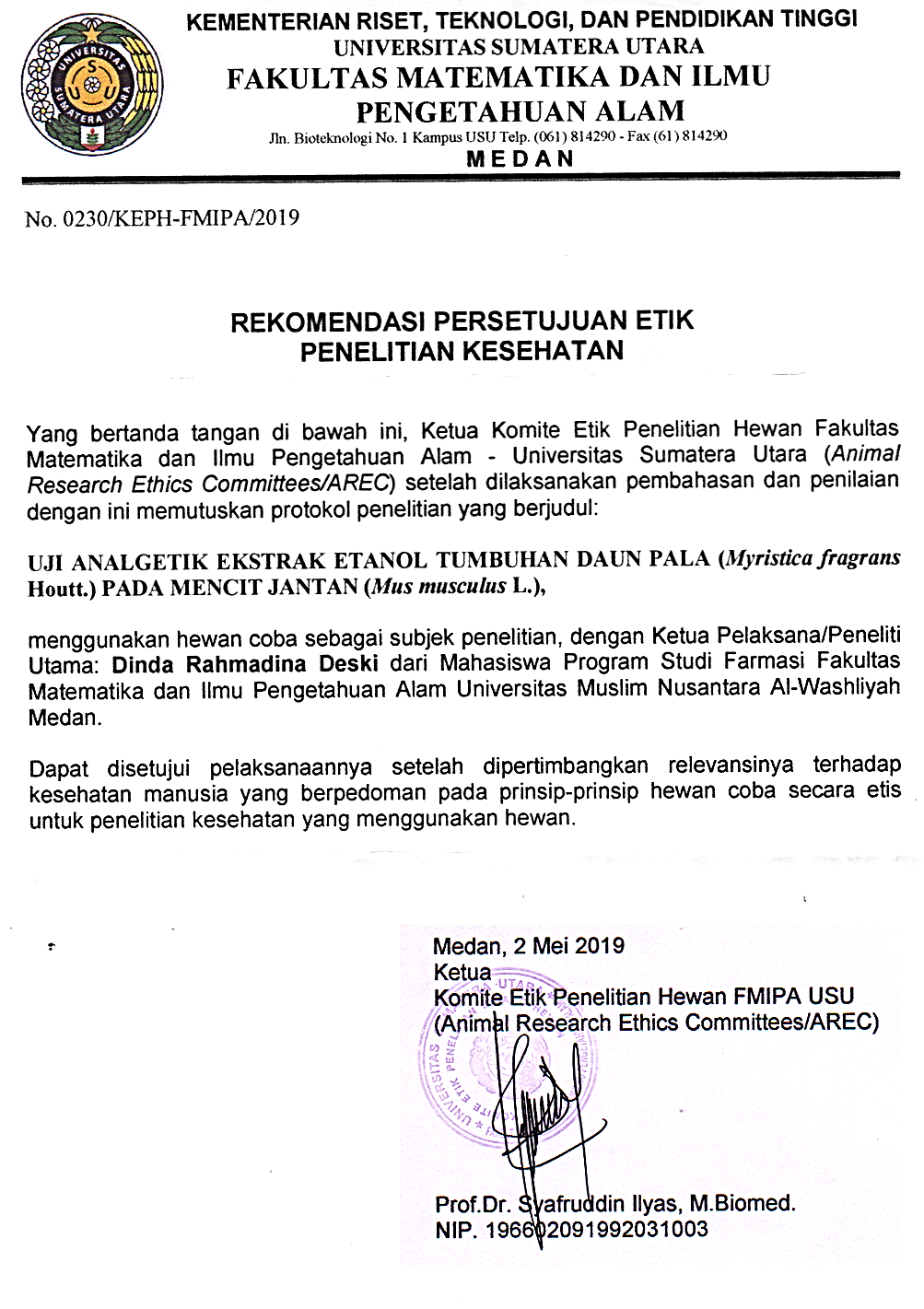
**Lampiran 1.**Hasil Determinasi Tumbuhan



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



**Lampiran 3.**Hasil Pemeriksaan Makroskopik Daun Pala (*Myristica fragrans*

Houtt)

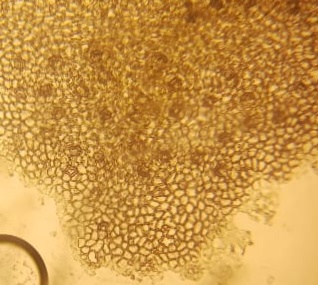


Daun pala segar



Daun pala kering

**Lampiran 4.** Hasil Pemeriksaan Mikroskopik Daun Pala



3

1

2

Perbesaran mikroskopik 40 x 10

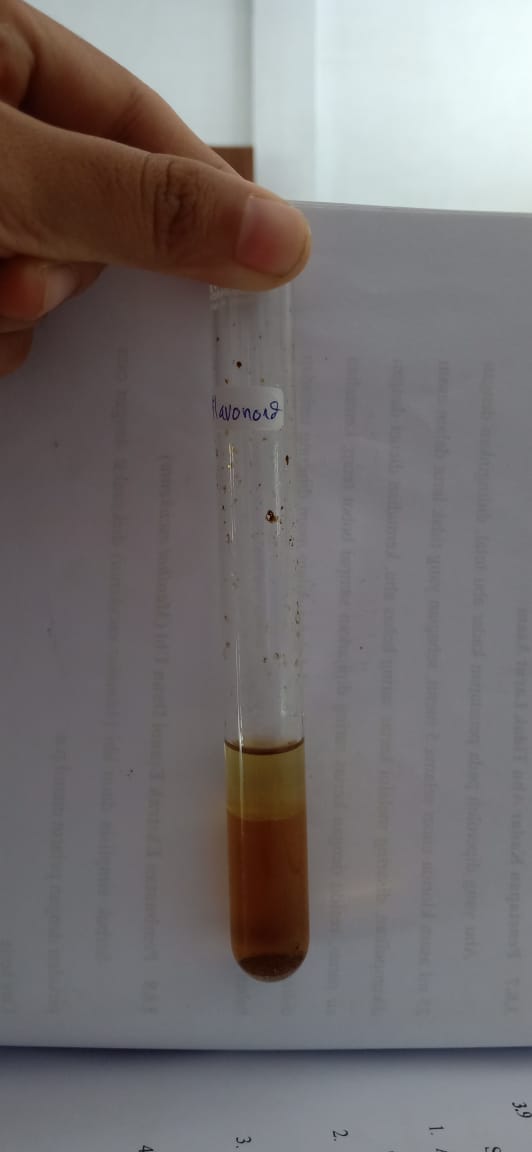
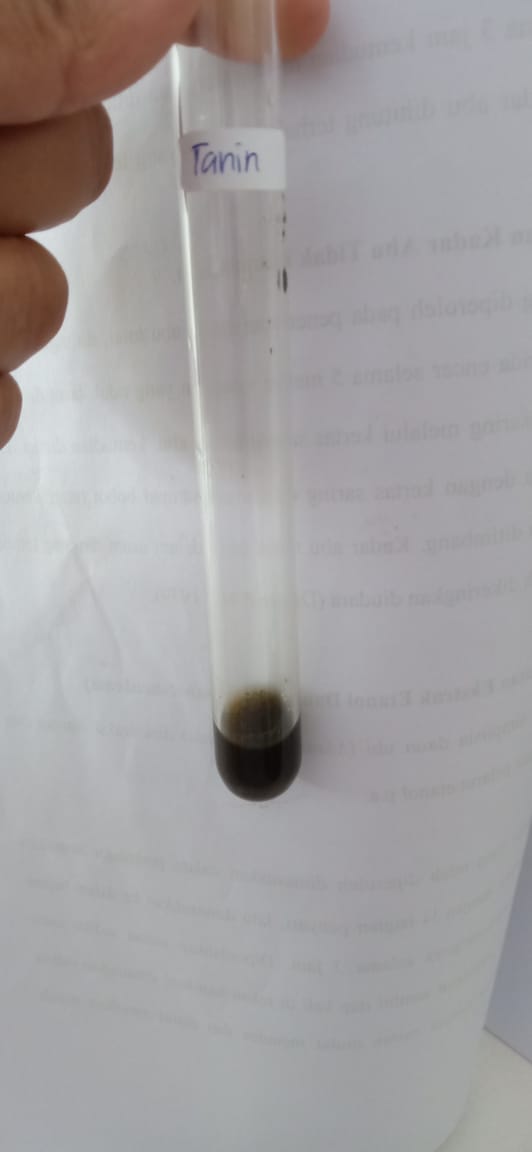
Ket :

1. Minyak atsiri (kuning)

2. Stomata

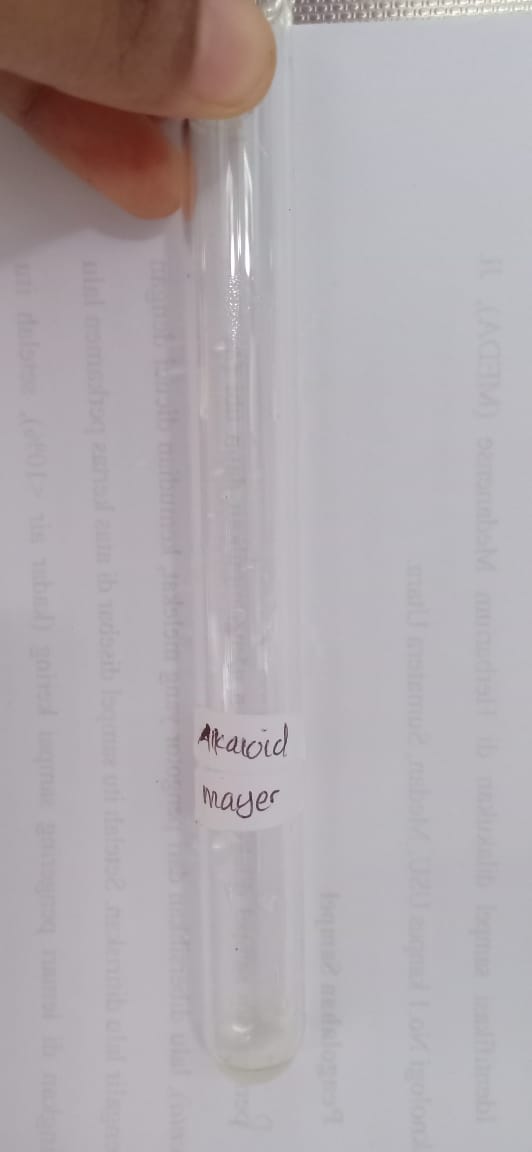
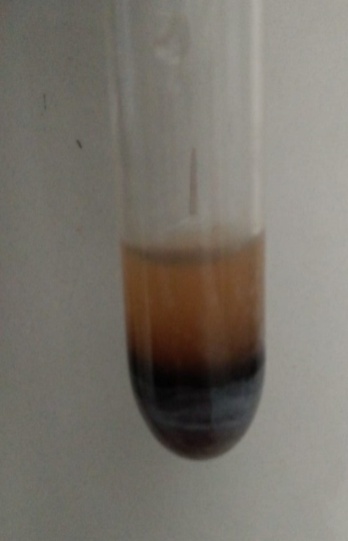
3. jaringan (xylem daan floem)

**Lampiran 5.** Skrining fitokimia



Pemeriksaan Pemeriksaan Pemeriksaan

Flavonoid Saponin Tanin

` Pemeriksaan Pemeriksaan Pemeriksaan glikosida

Steroid Alkaloid

**Lampiran 6.** Alat Rotary Evaporator



a Alat*Rotary evaporator*

**Lampiran 7.** Ekstrak Cara Maserasi dan Ekstrak Etanol Daun pala



1. Ekstrak cara maserasi daun pala



1. Ekstrak Etanol daun pala

**Lampiran 8.**Gambar hewan percobaan

****

Mencit saat di orientasi



Mencit saat di induksi dengan asam asetat 0,5%



Mencit saat diberi ekstrak melalui oral



b. Geliat Mencit

**Lampiran 9.** Perhitungan Hasil Karakterisasi Simplisia Daun Pala (*Myristica fragrans* Houtt) Perhitungan Penetapan Kadar Air

Kadar Air =

BeratSampel : 5 g

Volume 1 : 1,6 ml

Volume 2 :2,03 ml

Kadar Air :

**Lampiran 9.** ( Lanjutan )

Perhitungan Hasil Karakterisasi Simplisia Daun Pala (*Myristica fragrans* Houtt) Perhitungan Penetapan Kadar Abu total

Kadar Abu =

Perlakuan 1

Berat sampel :2 g

Berat abu :0,059 g

Kadar Abu =

Perlakuan 2

Berat sampel :2 g

Beratabu :0,052 g

Kadar Abu =

Perlakuan 3

Berat sampel :2 g

Beratabu :0,049 g

Kadar Abu =

Kadar Abu rata-rata

**Lampiran 9.**( Lanjutan )

Perhitungan Hasil Karakterisasi Simplisia Daun Pala (*Myristica fragrans* Houtt) Perhitungan Penetapan Kadar Tidak Larut Asam

Kadar Abu Tidak Larut Asam =

Perlakuan 1

Berat sampel :2 g

Berat abu :0,012 g

Kadar Abu =

Perlakuan 2

Berat sampel :2 g

Berat abu :0,011

Kadar Abu =

Perlakuan 3

Berat sampel :2 g

Berat abu :0,012 g

Kadar Abu =

Kadar A

bu rata-rata

**Lampiran 9.**( Lanjutan )

Perhitungan Hasil Karakterisasi Simplisia Daun Pala (*Myristica fragrans* Houtt) Perhitungan Penetapan Kadar Sari Larut Air

Kadar Sari Larut Air =

Perlakuan 1

Berat sampel :5 g

Berat sari :0,2150 g

Kadar Sari

Perlakuan 2

Berat sampel :5 g

Berat sari :0,2170 g

Kadar Sari

Perlakuan 3

Berat sampel :5 g

Berat sari :0,2161 g

Kadar Sari

Kadar Sari rata-rata

**Lampiran 9.** ( Lanjutan )

Perhitungan Hasil Karakterisasi Simplisia daunPala (*Myristica fragrans* Houtt) Perhitungan Penetapan Kadar Sari Larut Etanol

Kadar Sari Larut Etanol =

Perlakuan 1

Berat sampel :5 g

Berat sari :0,0585 g

Kadar Sari

Perlakuan 2

Berat sampel :5 g

Berat sari :0,0565 g

Kadar Sari

Perlakuan 3

Berat sampel :5 g

Beratsari :0,0578 g

Kadar Sari

Kadar Sari rata-rata

**Lampiran 10.** Perhitungan Dosis Asam Mefenamat

Dosis Sekali Minum : 500 mg

Dosis Dua kali Minum : 1000 mg

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

Dosis asam mefenamat pada mencit = dosis terapi manusia x 0,0026

= 500 mg x 0,0026 = 1,3 mg / 0,02 kg = 65 mg/kg BB

1. Perhitungan dosis suspense asam mefenamat 1%

Asam mefenamat 1% = 1g/100ml

= 10 mg/ml

Dosis Mencit ( 25 g) = 65 mg / 1000g x 25g = 1,625 mg

Kosentrasi 1% = 1g /100ml = 1000mg /100ml = 10mg / ml

Volume = dosis / kosentrasi

= 1,625mg / 10 mg /ml= 0,16 ml

1. Perhitungan dosis suspense ekstrak etanol daun pala (*Myristica fragrans* Houtt) dosis 50 mg/kg BB kosentrasi 1%

Dosis = (50 mg / 1000 g) x 25 g = 1,25 mg

Kosentrasi 1% = 1g /100ml = 1000mg /100ml = 10mg / ml

Volume = dosis / kosentrasi

= 1,25 mg / 10 mg /ml= 0,125 ml

**Lampiran 10. ( Lanjutan )**

1. Perhitungan dosis suspense ekstrak etanol daun pala (*Myristica fragrans* Houtt) dosis 75 mg/kg BB konsentrasi 1%

Dosis = (75 mg /1000 g) x 25 g = 1,875 mg

Kosentrasi 1% = 1g /100ml = 1000mg /100ml = 10mg / ml

Volume = dosis / kosentrasi

= 1,875 mg / 10mg/ml = 0,187 ml

1. Perhitungan dosis suspense ekstrak etanol daun pala (*Myristica fragrans* Houtt) dosis 100 mg/kg BB kosentrasi 1%

Dosis = (100 mg/1000 g) x 25 g = 2,5 mg

Kosentrasi 1% = 1g /100ml = 1000mg /100ml = 10mg / ml

Volume = dosis / kosentrasi

=2,5 mg / 10mg/ml = 0,25 ml

**Lampiran 11**.Bagan Alir Prosedur Kerja

Pengumpulan Sampel Tumbuhan Daun Pala

Daun Pala 5 Kg

Disortasi Basah

Di cuci dengan air mengalir

Ditiriskan

Ditimbang

Daun Pala

Dikeringkan Dalam Lemari Pengeringan Pada Suhu ± 400 **C**

Disortasi Kering

Ditimbang Kembali

Berat Kering Daun Pala

530 gram

Dihaluskan menggunakan Blender

Disimpan dalam wadah tertutup

Rapat

Serbuk Simplisia Daun Pala 500 gram

Karakterisasi Simplisia

**Lampiran 12.**Bagan Alir Karakterisasi Simplisia Daun Pala (*Myristica fragrans*

Houtt)

Simplisia

Pemeriksaan Makroskopik Simplisia

Dihaluskan

Serbuk Simplisia Daun Pala

(*Myristica fragrans*Houtt)

Karakterisasi Simplisia

Parameter non spesifik

Parameter Spesifik

* Kadar Air
* Kadar sari larut air
* Kadar sari larut etanol
* Kadar abu total
* Kadar abu tidak larut asam

Mikroskopis

Serbuk Simplsia

**Lampiran 13.**Bagan Alir Pembuatan Ekstrak

Serbuk Simplisia Daun Pala

* Ditimbang serbuk simplisia 500 gram
* Dimasukkan kedalam bejana maserasi
* Ditambahkan 75 bagian pelarut yaitu 3750 ml etanol 96%
* Didiamkan selama 5 hari sambil sesekali diaduk.
* Disaring rendemen setelah 5 hari, filtrate ditampung

Maserat

Ampas

Maserat

* Ditambahkan 25 bagian pelarut (1250 etanol 96%)
* Diendapkan selama 2 hari, disaring kemudian maserat di pekatkan dengan menggunakan alat rotary evaporator.

Ekstrak etanol Tumbuhan Daun Pala 32,5 gram

**Lampiran 14.**Bagan Alir Penelitian

Mencit Putih Jantan 25 Ekor

Adaptasi selama 14 hari

Induksi dengan asam asetat 0,5 %

Dibagi menjadi

5/kelompok

EETDP 100

Mg/kgBB

EETDP 75

Mg/kgBB

EETDP 50

Mg/kgBB

Kontrol

Positif

Kontrol

Negatif

Pengamatan geliat

Analisis Data

**Lampiran 15**. Rumus Fereder

(n-1) (t-1) ≥15

Ket :

n= jumlah dalam setiap kelompok

t= jumlah kelompok

= (n-1) (t-1) ≥15

=(n-1) (5-1) ≥15

=(n-1) 4 ≥15

= 4n- 4 ≥15

=4n ≥19

=n ≥ 4,75 ≈ 5

n= 5

**Lampiran 16.**Tabel volume Maksimum Larutan Sediaan Uji yang DapatDiberikan pada Beberapa Hewan Uji

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Hewan dan BB rata-rata | Mencit  20 g | Tikus  200 g | Marmut  400 g | Kelinci  1,5 kg | Kucing  2 kg | Kera  4 kg | Anjing  12 kg | Manusia  70 kg |
| Mencit  20 g | 1,0 | 7,0 | 12,29 | 27,8 | 28,7 | 64,1 | 124,2 | 387,9 |
| Tikus  200 g | 0,14 | 1,0 | 1,74 | 3,9 | 4,2 | 9,2 | 17,8 | 60,5 |
| Marmut  40 g | 0,08 | 0,57 | 1,0 | 2,25 | 2,4 | 5,2 | 10,2 | 31,5 |
| Kelinci  1,5 g | 0,04 | 0,25 | 0,44 | 1,0 | 1,06 | 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 | 0,10 | 0,22 | 0,24 | 0,52 | 1,0 | 3,1 |
| Manusia | 0,0026 | 0,018 | 0,031 | 0,07 | 0,76 | 0,16 | 0,32 | 1,0 |

**Lampiran 17.** Data Rata-rata Jumlah Geliat Mencit Putih Jantan yang Diinduksi Asam Asetat 1% dan 0,5 % Masing-masing Volume Sebanyak 0,5 ml Diberikan Secara Intraperitoneal Dengan Selang Waktu 5 Menit Selama 1 Jam

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| konsentrasi | Mencit ke- | Menit ke- | | | | | | | | | | | | |
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | Jumlah geliat |
| 1% dalam 0,5 ml | 1 | 7 | 20 | 34 | 27 | 27 | 24 | 22 | 21 | 18 | 14 | 12 | 11 | 237 |
| 2 | 7 | 22 | 30 | 28 | 26 | 23 | 20 | 18 | 17 | 15 | 12 | 10 | 228 |
| 3 | 8 | 23 | 29 | 25 | 24 | 22 | 18 | 17 | 17 | 14 | 11 | 9 | 217 |
| 4 | 9 | 24 | 32 | 27 | 24 | 20 | 17 | 13 | 9 | 7 | 5 | 4 | 191 |
| 5 | 7 | 22 | 29 | 26 | 23 | 19 | 16 | 14 | 12 | 9 | 6 | 4 | 187 |
| 6 | 9 | 22 | 27 | 23 | 20 | 19 | 17 | 14 | 13 | 11 | 10 | 8 | 193 |
| Rata-rata | 7,8 | 22,1 | 30,1 | 26 | 24 | 21,1 | 18,3 | 16,1 | 14,3 | 11,6 | 9,3 | 7,6 | 208,8 |
| 0,5% dalam 0,5 ml | 1 | 11 | 29 | 24 | 22 | 20 | 19 | 17 | 15 | 13 | 11 | 9 | 7 | 197 |
| 2 | 12 | 28 | 26 | 24 | 22 | 19 | 16 | 14 | 12 | 10 | 8 | 6 | 197 |
| 3 | 10 | 27 | 25 | 23 | 20 | 18 | 14 | 12 | 9 | 7 | 6 | 4 | 175 |
| 4 | 13 | 29 | 27 | 25 | 23 | 18 | 15 | 13 | 11 | 9 | 7 | 5 | 195 |
| 5 | 12 | 27 | 25 | 24 | 21 | 17 | 15 | 13 | 9 | 8 | 7 | 4 | 182 |
| 6 | 11 | 27 | 24 | 24 | 20 | 18 | 16 | 14 | 11 | 10 | 8 | 6 | 187 |
| Rata-rata | 11,5 | 27,8 | 25,1 | 23,3 | 21 | 18,1 | 15,5 | 13,5 | 10,8 | 9,1 | 7,5 | 5,3 | 188,8 |

**Lampiran 18**. Data Hasil Pengamatan Geliat Mencit Putih Jantan Setelah Pemberian Suspensi CMC 0,5%, Asam Mefenamat 1% dan

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Kelompok Perlakuan | Mencit ke- | Menit ke- | | | | | | | | | | | | |
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | Jumlah geliat |
| Kontrol negative suspensi CMC 0,5% | 1 | 35 | 42 | 41 | 37 | 37 | 33 | 31 | 29 | 27 | 25 | 24 | 19 | 380 |
| 2 | 33 | 44 | 39 | 34 | 36 | 32 | 30 | 28 | 26 | 25 | 23 | 16 | 366 |
| 3 | 34 | 47 | 41 | 38 | 34 | 34 | 32 | 30 | 27 | 25 | 21 | 16 | 378 |
| 4 | 35 | 43 | 40 | 35 | 34 | 33 | 30 | 29 | 26 | 25 | 22 | 14 | 366 |
| 5 | 33 | 46 | 41 | 37 | 36 | 34 | 31 | 30 | 27 | 26 | 24 | 19 | 384 |
| Rata-rata | 34,4 | 44,4 | 40,4 | 36,2 | 35,4 | 33,2 | 30,8 | 29,2 | 26,6 | 25,2 | 22,8 | 16,8 | 374,8 |
| Kontrol  Positif Asam Mefenamat  1 % | 1 | 24 | 34 | 23 | 15 | 10 | 8 | 7 | 5 | 4 | 2 | 1 | 0 | 133 |
| 2 | 21 | 33 | 22 | 14 | 9 | 7 | 6 | 4 | 3 | 2 | 2 | 0 | 123 |
| 3 | 23 | 37 | 24 | 16 | 10 | 9 | 8 | 7 | 5 | 4 | 2 | 0 | 145 |
| 4 | 22 | 37 | 23 | 14 | 9 | 9 | 7 | 4 | 4 | 2 | 1 | 0 | 132 |
| 5 | 21 | 36 | 24 | 15 | 11 | 8 | 8 | 4 | 2 | 2 | 0 | 0 | 131 |
| Rata-rata | 22,2 | 35,4 | 23,2 | 14,8 | 9,8 | 8,2 | 7,2 | 4,8 | 3,6 | 2,4 | 12 | 0 | 132,8 |
| EETDP 50 mg/kgBB | 1 | 30 | 32 | 31 | 30 | 29 | 29 | 26 | 24 | 21 | 19 | 15 | 11 | 297 |
| 2 | 31 | 33 | 29 | 27 | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 5 | 237 |
| 3 | 27 | 31 | 26 | 24 | 23 | 22 | 19 | 14 | 13 | 10 | 8 | 7 | 224 |
| 4 | 32 | 37 | 35 | 34 | 32 | 27 | 24 | 23 | 21 | 19 | 15 | 10 | 309 |
| 5 | 24 | 30 | 29 | 26 | 24 | 21 | 17 | 15 | 12 | 11 | 9 | 7 | 225 |
| Rata-rata | 28,8 | 32,6 | 30 | 28,2 | 26 | 23,8 | 20,8 | 18,4 | 16,2 | 14,2 | 11,4 | 8 | 258,4 |
| EETDP 75 mg/kgBB | 1 | 26 | 43 | 36 | 31 | 29 | 25 | 21 | 17 | 14 | 11 | 8 | 4 | 365 |
| 2 | 27 | 41 | 35 | 30 | 28 | 24 | 22 | 16 | 13 | 11 | 7 | 5 | 259 |
| 3 | 29 | 42 | 37 | 32 | 30 | 26 | 21 | 18 | 16 | 14 | 9 | 5 | 279 |
| 4 | 28 | 40 | 36 | 30 | 29 | 24 | 21 | 16 | 15 | 12 | 9 | 6 | 266 |
| 5 | 29 | 41 | 37 | 31 | 30 | 25 | 21 | 17 | 16 | 10 | 8 | 4 | 269 |
| Rata-rata | 27,8 | 41,4 | 36,2 | 30,8 | 29,2 | 24,8 | 20,8 | 16,8 | 14,8 | 11,6 | 8,2 | 4,8 | 267,2 |
| EETDP 100 mg/kgBB | 1 | 27 | 39 | 35 | 29 | 25 | 19 | 17 | 10 | 8 | 7 | 5 | 3 | 224 |
| 2 | 26 | 38 | 31 | 27 | 20 | 16 | 12 | 11 | 8 | 6 | 4 | 2 | 201 |
| 3 | 28 | 40 | 33 | 29 | 12 | 11 | 11 | 9 | 9 | 8 | 5 | 3 | 198 |
| 4 | 14 | 17 | 10 | 7 | 5 | 4 | 4 | 6 | 5 | 5 | 2 | 0 | 79 |
| 5 | 14 | 22 | 17 | 12 | 7 | 7 | 5 | 4 | 4 | 2 | 0 | 0 | 93 |
| Rata-rata | 21,6 | 31,2 | 25,2 | 20,8 | 13,8 | 11,4 | 9,8 | 8 | 6,8 | 5,6 | 3,2 | 1,6 | 159 |

Ekstrak etanol daun pala Dosis50, 75, dan 100 mg/kg BB Selang Waktu 5 Menit Selama 1 Jam

**Lampiran 19**.Perhitungan SPSS

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normalityc** | | | | | | | | | | | | | | | | | | | |
|  | PERLAKUAN | | | Kolmogorov-Smirnova | | | | | | | | | Shapiro-Wilk | | | | | | |
|  | Statistic | | | | df | Sig. | | | | Statistic | | | df | | Sig. | |
| 5 Menit | 1 | | | .241 | | | | 5 | .200\* | | | | .821 | | | 5 | | .119 | |
| 2 | | | .221 | | | | 5 | .200\* | | | | .902 | | | 5 | | .421 | |
| 3 | | | .243 | | | | 5 | .200\* | | | | .922 | | | 5 | | .544 | |
| 4 | | | .221 | | | | 5 | .200\* | | | | .902 | | | 5 | | .421 | |
| 5 | | | .323 | | | | 5 | .096 | | | | .777 | | | 5 | | .052 | |
| 10 Menit | 1 | | | .141 | | | | 5 | .200\* | | | | .979 | | | 5 | | .928 | |
| 2 | | | .136 | | | | 5 | .200\* | | | | .987 | | | 5 | | .967 | |
| 3 | | | .275 | | | | 5 | .200\* | | | | .879 | | | 5 | | .305 | |
| 4 | | | .136 | | | | 5 | .200\* | | | | .987 | | | 5 | | .967 | |
| 5 | | | .335 | | | | 5 | .070 | | | | .799 | | | 5 | | .079 | |
| 15 Menit | 1 | | | .136 | | | | 5 | .200\* | | | | .987 | | | 5 | | .967 | |
| 2 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 3 | | | .218 | | | | 5 | .200\* | | | | .950 | | | 5 | | .735 | |
| 4 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 5 | | | .300 | | | | 5 | .160 | | | | .858 | | | 5 | | .221 | |
| 20 Menit | 1 | | | .287 | | | | 5 | .200\* | | | | .914 | | | 5 | | .490 | |
| 2 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 3 | | | .221 | | | | 5 | .200\* | | | | .953 | | | 5 | | .758 | |
| 4 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 5 | | | .323 | | | | 5 | .097 | | | | .795 | | | 5 | | .074 | |
| 25 Menit | 1 | | | .273 | | | | 5 | .200\* | | | | .852 | | | 5 | | .201 | |
| 2 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 3 | | | .207 | | | | 5 | .200\* | | | | .947 | | | 5 | | .715 | |
| 4 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 5 | | | .187 | | | | 5 | .200\* | | | | .928 | | | 5 | | .585 | |
| 30 Menit | 1 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 2 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 3 | | | .275 | | | | 5 | .200\* | | | | .879 | | | 5 | | .305 | |
| 4 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 5 | | | .171 | | | | 5 | .200\* | | | | .962 | | | 5 | | .824 | |
| 35 Menit | 1 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 2 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 3 | | | .275 | | | | 5 | .200\* | | | | .879 | | | 5 | | .305 | |
| 4 | | | .180 | | | | 5 | .200\* | | | | .952 | | | 5 | | .754 | |
| 5 | | | .215 | | | | 5 | .200\* | | | | .929 | | | 5 | | .593 | |
| 40Menit | 1 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 2 | | | .330 | | | | 5 | .079 | | | | .735 | | | 5 | | .051 | |
| 3 | | | .294 | | | | 5 | .181 | | | | .825 | | | 5 | | .127 | |
| 4 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 5 | | | .234 | | | | 5 | .200\* | | | | .928 | | | 5 | | .585 | |
| 45 Menit | 1 | | | .450 | | | | 5 | .015 | | | | .638 | | | 5 | | .062 | |
| 2 | | | .237 | | | | 5 | .200\* | | | | .961 | | | 5 | | .814 | |
| 3 | | | .290 | | | | 5 | .197 | | | | .795 | | | 5 | | .073 | |
| 4 | | | .221 | | | | 5 | .200\* | | | | .902 | | | 5 | | .421 | |
| 5 | | | .310 | | | | 5 | .131 | | | | .871 | | | 5 | | .272 | |
| 50 Menit | 1 | | | .141 | | | | 5 | .200\* | | | | .979 | | | 5 | | .928 | |
| 2 | | | .237 | | | | 5 | .200\* | | | | .961 | | | 5 | | .814 | |
| 3 | | | .290 | | | | 5 | .197 | | | | .795 | | | 5 | | .073 | |
| 4 | | | .254 | | | | 5 | .200\* | | | | .914 | | | 5 | | .492 | |
| 5 | | | .197 | | | | 5 | .200\* | | | | .943 | | | 5 | | .685 | |
| 55 Menit | 1 | | | .221 | | | | 5 | .200\* | | | | .902 | | | 5 | | .421 | |
| 2 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 3 | | | .261 | | | | 5 | .200\* | | | | .823 | | | 5 | | .124 | |
| 4 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 5 | | | .244 | | | | 5 | .200\* | | | | .871 | | | 5 | | .272 | |
| 60 Menit | 1 | | | .245 | | | | 5 | .200\* | | | | .871 | | | 5 | | .272 | |
| 3 | | | .258 | | | | 5 | .200\* | | | | .925 | | | 5 | | .563 | |
| 4 | | | .231 | | | | 5 | .200\* | | | | .881 | | | 5 | | .314 | |
| 5 | | | .254 | | | | 5 | .200\* | | | | .803 | | | 5 | | .086 | |
| \*. This is a lower bound of the true significance. | | | | | | | | | | | | | | | | | | | |
| a. Lilliefors Significance Correction | | | | | | | | | | | | | | | | | | | |
| c. 60 is constant when PERLAKUAN = 2. It has been omitted. | | | | | | | | | | | | | | | | | | | |
| **Test of Homogeneity of Variances** | | | | | | | | | | | | | | | | | | | |
|  | | Levene Statistic | | | df1 | | | | | df2 | | | | Sig. | | | | | |
| 5 Menit | | .197 | | | 4 | | | | | 20 | | | | .530 | | | | | |
| 10 Menit | | .934 | | | 4 | | | | | 20 | | | | .493 | | | | | |
| 15 Menit | | .597 | | | 4 | | | | | 20 | | | | .710 | | | | | |
| 20 Menit | | .229 | | | 4 | | | | | 20 | | | | .201 | | | | | |
| 25 Menit | | .034 | | | 4 | | | | | 20 | | | | .`150 | | | | | |
| 30 Menit | | .177 | | | 4 | | | | | 20 | | | | .409 | | | | | |
| 35 Menit | | .395 | | | 4 | | | | | 20 | | | | .801 | | | | | |
| 40 Menit | | .136 | | | 4 | | | | | 20 | | | | .690 | | | | | |
| 45 Menit | | .597 | | | 4 | | | | | 20 | | | | .309 | | | | | |
| 50 Menit | | .732 | | | 4 | | | | | 20 | | | | .171 | | | | | |
| 55 Menit | | .069 | | | 4 | | | | | 20 | | | | .670 | | | | | |
| 60 Menit | | .422 | | | 4 | | | | | 20 | | | | .451 | | | | | |
| **ANOVA** | | | | | | | | | | | | | | | | | | | |
|  | | | | | | Sum of Squares | | | df | | | Mean Square | | | | | F | | Sig. |
| 5 Menit | | Between Groups | | | | 525.040 | | | 4 | | | 131.260 | | | | | 9.322 | | .000 |
| Within Groups | | | | 281.600 | | | 20 | | | 14.080 | | | | |  | |  |
| Total | | | | 806.640 | | | 24 | | |  | | | | |  | |  |
| 10 Menit | | Between Groups | | | | 665.360 | | | 4 | | | 166.340 | | | | | 5.853 | | .003 |
| Within Groups | | | | 568.400 | | | 20 | | | 28.420 | | | | |  | |  |
| Total | | | | 1233.760 | | | 24 | | |  | | | | |  | |  |
| 15 Menit | | Between Groups | | | | 1112.240 | | | 4 | | | 278.060 | | | | | 10.141 | | .000 |
| Within Groups | | | | 548.400 | | | 20 | | | 27.420 | | | | |  | |  |
| Total | | | | 1660.640 | | | 24 | | |  | | | | |  | |  |
| 20 Menit | | Between Groups | | | | 1421.360 | | | 4 | | | 355.340 | | | | | 13.720 | | .000 |
| Within Groups | | | | 518.000 | | | 20 | | | 25.900 | | | | |  | |  |
| Total | | | | 1939.360 | | | 24 | | |  | | | | |  | |  |
| 25 Menit | | Between Groups | | | | 2320.160 | | | 4 | | | 580.040 | | | | | 31.118 | | .000 |
| Within Groups | | | | 372.800 | | | 20 | | | 18.640 | | | | |  | |  |
| Total | | | | 2692.960 | | | 24 | | |  | | | | |  | |  |
| 30 Menit | | Between Groups | | | | 2122.640 | | | 4 | | | 530.660 | | | | | 47.296 | | .000 |
| Within Groups | | | | 224.400 | | | 20 | | | 11.220 | | | | |  | |  |
| Total | | | | 2347.040 | | | 24 | | |  | | | | |  | |  |
| 35 Menit | | Between Groups | | | | 1873.600 | | | 4 | | | 468.400 | | | | | 46.747 | | .000 |
| Within Groups | | | | 200.400 | | | 20 | | | 10.020 | | | | |  | |  |
| Total | | | | 2074.000 | | | 24 | | |  | | | | |  | |  |
| 40 Menit | | Between Groups | | | | 1842.560 | | | 4 | | | 460.640 | | | | | 67.941 | | .000 |
| Within Groups | | | | 135.600 | | | 20 | | | 6.780 | | | | |  | |  |
| Total | | | | 1978.160 | | | 24 | | |  | | | | |  | |  |
| 45 Menit | | Between Groups | | | | 1893.200 | | | 4 | | | 473.300 | | | | | 52.942 | | .000 |
| Within Groups | | | | 178.800 | | | 20 | | | 8.940 | | | | |  | |  |
| Total | | | | 2072.000 | | | 24 | | |  | | | | |  | |  |
| 50 Menit | | Between Groups | | | | 1381.040 | | | 4 | | | 345.260 | | | | | 53.446 | | .000 |
| Within Groups | | | | 129.200 | | | 20 | | | 6.460 | | | | |  | |  |
| Total | | | | 1510.240 | | | 24 | | |  | | | | |  | |  |
| 55 Menit | | Between Groups | | | | 1486.640 | | | 4 | | | 371.660 | | | | | 97.293 | | .000 |
| Within Groups | | | | 76.400 | | | 20 | | | 3.820 | | | | |  | |  |
| Total | | | | 1563.040 | | | 24 | | |  | | | | |  | |  |
| 60 Menit | | Between Groups | | | | 885.760 | | | 4 | | | 221.440 | | | | | 80.818 | | .000 |
| Within Groups | | | | 54.800 | | | 20 | | | 2.740 | | | | |  | |  |
| Total | | | | 940.560 | | | 24 | | |  | | | | |  | |  |
|  | | | | | | | | | | | | | | | | | | | |
| **5 Menit**  Tukey HSDa | | | | | | | | | | | | | | | | | | | |
| PERLAKUAN | | | N | | | | Subset for alpha = 0.05 | | | | | | | | | | | | |
| a | | | | b | | | | C | | | | |
| kontrol positif | | | 5 | | | | 21.6000 | | | |  | | | |  | | | | |
| EETDP 100 | | | 5 | | | | 22.2000 | | | | 22.2000 | | | |  | | | | |
| EETDP 75 | | | 5 | | | | 27.8000 | | | | 27.8000 | | | | 27.8000 | | | | |
| EETDP 50 | | | 5 | | | |  | | | | 28.8000 | | | | 28.8000 | | | | |
| Kontrol negatif | | | 5 | | | |  | | | |  | | | | 34.0000 | | | | |
| Sig. | | |  | | | | .106 | | | | .076 | | | | .106 | | | | |
| Means for groups in homogeneous subsets are displayed. | | | | | | | | | | | | | | | | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | | | | | | | | | | | | | | | | |

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| **10 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 31.2000 |  |  |
| EETDP 100 | 5 | 33.8000 | 33.8000 |  |
| EETDP 75 | 5 | 35.0000 | 35.0000 | 35.0000 |
| EETDP 50 | 5 |  | 42.0000 | 42.0000 |
| Kontrol negatif | 5 |  |  | 44.8000 |
| Sig. |  | .791 | .147 | .060 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

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| **15 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 23.2000 |  |  |
| EETDP 100 | 5 | 25.2000 |  |  |
| EETDP 75 | 5 | 30.0000 | 30.0000 |  |
| EETDP 50 | 5 |  | 36.2000 | 36.2000 |
| Kontrol negatif | 5 |  |  | 41.0000 |
| Sig. |  | .278 | .363 | .605 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |
| **20 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 14.8000 |  |  |
| EETDP 100 | 5 | 20.8000 | 20.8000 |  |
| EETDP 75 | 5 |  | 28.2000 | 28.2000 |
| EETDP 50 | 5 |  |  | 30.8000 |
| Kontrol negatif | 5 |  |  | 36.2000 |
| Sig. |  | .367 | .186 | .134 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |
| **25 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 9.8000 |  |  |
| EETDP 100 | 5 | 13.8000 |  |  |
| EETDP 75 | 5 |  | 26.6000 |  |
| EETDP 50 | 5 |  | 29.2000 | 29.2000 |
| Kontrol negatif | 5 |  |  | 35.4000 |
| Sig. |  | .595 | .873 | .195 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |
| **30 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 8.2000 |  |  |
| EETDP 100 | 5 | 11.4000 |  |  |
| EETDP 75 | 5 |  | 23.8000 |  |
| EETDP 50 | 5 |  | 24.8000 |  |
| Kontrol negatif | 5 |  |  | 33.2000 |
| Sig. |  | .568 | .989 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |
| **35 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 7.2000 |  |  |
| EETDP 100 | 5 | 9.8000 |  |  |
| EETDP 75 | 5 |  | 20.8000 |  |
| EETDP 50 | 5 |  | 22.4000 |  |
| Kontrol negatif | 5 |  |  | 30.8000 |
| Sig. |  | .695 | .928 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |
| **40 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 4.8000 |  |  |
| EETDP 100 | 5 | 8.0000 |  |  |
| EETDP 75 | 5 |  | 16.8000 |  |
| EETDP 50 | 5 |  | 18.4000 |  |
| Kontrol negatif | 5 |  |  | 29.2000 |
| Sig. |  | .328 | .865 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |
| **45 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 3.6000 |  |  |
| EETDP 100 | 5 | 6.8000 |  |  |
| EETDP 75 | 5 |  | 14.8000 |  |
| EETDP 50 | 5 |  | 16.2000 |  |
| Kontrol negatif | 5 |  |  | 28.6000 |
| Sig. |  | .461 | .944 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

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| **50 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | 2.4000 |  |  |
| EETDP 100 | 5 | 5.6000 |  |  |
| EETDP 75 | 5 |  | 11.6000 |  |
| EETDP 50 | 5 |  | 14.2000 |  |
| Kontrol negatif | 5 |  |  | 23.8000 |
| Sig. |  | .306 | .504 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

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| **55 Menit** | | | | |
| Tukey HSDa | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| a | b | c |
| kontrol positif | 5 | .8000 |  |  |
| EETDP 100 | 5 | 3.2000 |  |  |
| EETDP 75 | 5 |  | 8.2000 |  |
| EETDP 50 | 5 |  | 11.4000 |  |
| Kontrol negatif | 5 |  |  | 22.8000 |
| Sig. |  | .329 | .111 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

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| **60 Menit** | | | | | |
| Tukey HSDa | | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | | |
| a | b | c | d |
| kontrol positif | 5 | .2000 |  |  |  |
| EETDP 100 | 5 | 1.6000 |  |  |  |
| EETDP 75 | 5 |  | 4.8000 |  |  |
| EETDP 50 | 5 |  |  | 8.0000 |  |
| Kontrol negatif | 5 |  |  |  | 16.8000 |
| Sig. |  | .557 | 1.000 | 1.000 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | | |