**Lampiran 1.** Hasil Determinasi Tumbuhan



**Lampiran 2.** Ethical Clearance



**Lampiran 3.** Daun rambutan, makroskopik daun rambutan dan serbuk daun rambutan



Simplisia Daun Rambutan





Makroskopik Simplisia Daun Rambutan

Serbuk Simplisia daun rambutan

**Lampiran 4. Hasil Meserasi, Ekstrak Rambutan dan rotary**

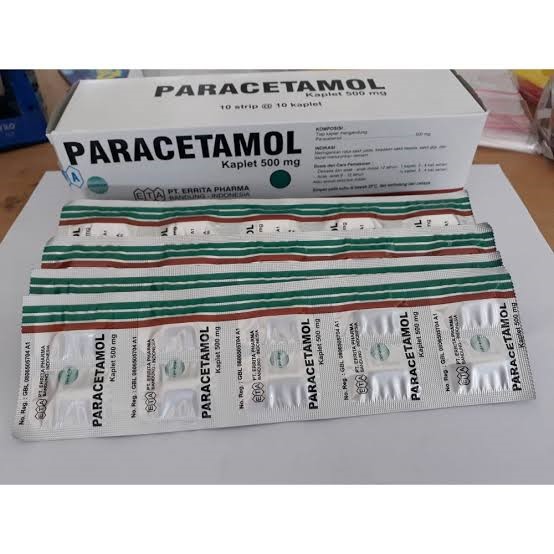


Proses Dalam Pembuatan Ekstrak (Rotary)



Maserat Daun Rambutan Ekstrak Etanol Daun Rambutan

**Lampiran 5.** Vaksin DPT HB (Penginduksi), Paracetamol Dan Termometer

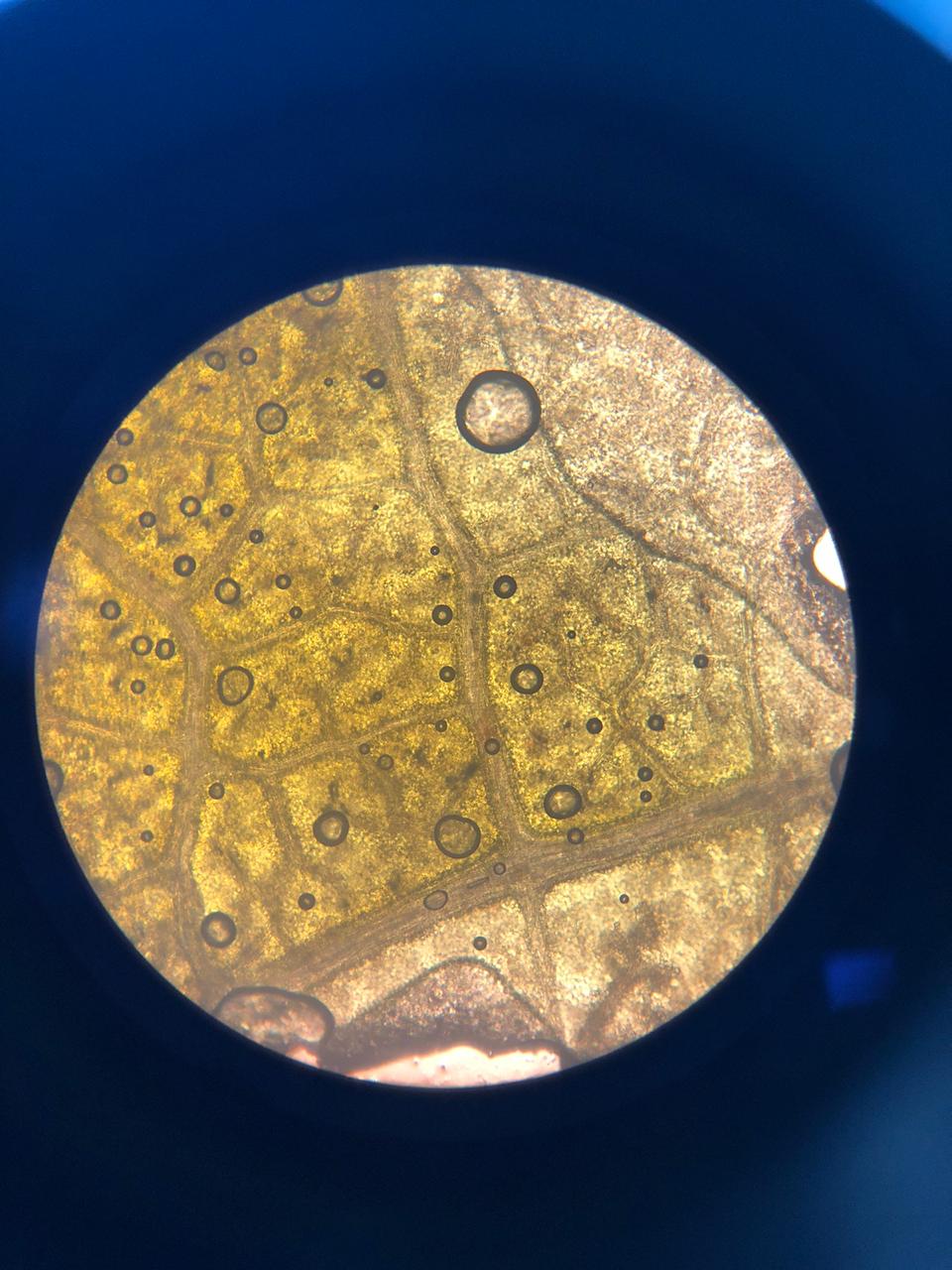
Vaksin DPT HB****

Paracetamol



Termometer

**Lampiran 6.** Hasil Pemeriksaan Mikroskopik Daun Rambutan



A

Mikroskopik Daun Rambutan

Keterangan

A : Sel epidermis Daun Rambutan

**Lampiran 7.** Penetapan Karakterisasi Simplisia

1. Perhitungan penetapan kadar air simplisia

|  |  |  |
| --- | --- | --- |
| Berat sampel | Volume awal | Volume akhir |
| 5 g | 1,6 ml | 1,8 ml |
| 5 g | 1.6 ml | 1,9 ml |
| 5 g | 1,5 ml | 1,8 ml |

% Kadar air simplisia = x 100%

1. Berat simplisia I = 5 g

% Kadar air = x 100% = 5%

1. Berat simplisia II = 5 g

% Kadar air = x 100% = 6%

1. Berat simplisia III = 5 g

% Kadar air =  *x* 100% = 6%

% Kadar air rata-rata = = 5,6 %

**Lampiran 7.** (Lanjutan)

1. Penetapan kadar sari larut dalam air

|  |  |  |
| --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi |
| 5 g | 36,802 g | 36.994 g |
| 5 g | 33,047 g | 33.235 g |
| 5 g | 32.150 g | 32.335 g |

% Kadar sari larut dalam air = berat cawan isi- berat cawan kosong x 100 X 100%

Berat sampel (g) 20

1. Berat simplisia I = 5 g

% Kadar sari larut dalam air = 36,994 g – 36,802 g x 100 x 100% = 19 %

5 20

1. Berat simplisia I I = 5 g

% Kadar sari larut dalam air = 33,235 g – 33,047 g x 100 x 100% = 18 %

5 20

1. Berat simplisia I II = 5 g

% Kadar sari larut dalam air = 32,335 g – 32,150 g x 100 x 100% = 18 %

5 20

% Kadar sari rata-rata = = 18,333 %

**Lampiran 7.** (Lanjutan)

1. Penetapan kadar sari larut dalam etanol

|  |  |  |
| --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi |
| 5 g | 35,623 g | 35,758 g |
| 5 g | 33,150 g | 33,305 g |
| 5 g | 34,022 g | 34,221 g |

% Kadar sari larut dalam etanol = x 100%

1. Berat simplisia I = 5 g

% Kadar sari larut etanol = x 100% = 13 %

1. Berat simplisia I I = 5 g

% Kadar sari larut etanol = x 100% = 15%

1. Berat simplisia I II = 5 g

% Kadar sari larut etanol = x 100% = 19 %

% Kadar sari larut etanol rata-rata = = 15` %

**Lampiran 7.** (Lanjutan)

1. Penetapan kadar abu total

|  |  |  |
| --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi |
| 2g | 58,23 g | 58,29 g |
| 2g | 57,30 g | 57,34 g |
| 2g | 59,50 g | 59,54 g |

% Kadar abu total = x 100%

1. Berat simplisia I = 2 g

% Kadar abu total = x 100% = 3 %

1. Berat simplisia I I = 2 g

% Kadar abu total = x 100% = 2 %

1. Berat simplisia I II = 2 g

% Kadar abu total = x 100% = 2 %

% Kadar abu total rata-rata = = 2,3 %

**Lampiran 7.** (Lanjutan)

1. Penetapan kadar abu tidak larut dalam asam

|  |  |  |
| --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi |
| 2.5 g | 63,13 g | 63,18 g |
| 2.5 g | 65,08 g | 65,12 g |
| 2 .5 g | 60,26 g | 60,30 g |

% Kadar abu tidak larut asam = x 100%

1. Berat simplisia I = 2 g

% Kadar abu tidak larut asam = x 100% = 2,5 %

1. Berat simplisia I I = 2 g

% Kadar abu tidak larut asam = x 100% = 2 %

1. Berat simplisia I II = 2 g

% Kadar abu tidak larut asam = x 100% = 2 %

% Kadar abu tidak larut asam rata-rata = = 2,16 %

**Lampiran 8.** Skrining fitokimia serbuk simplisia





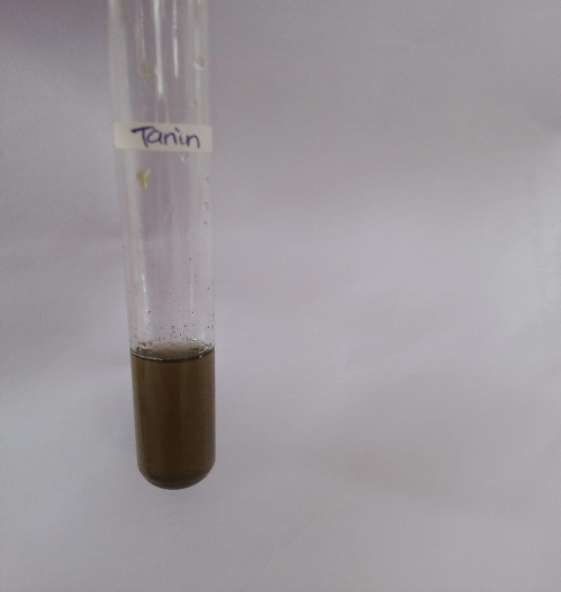
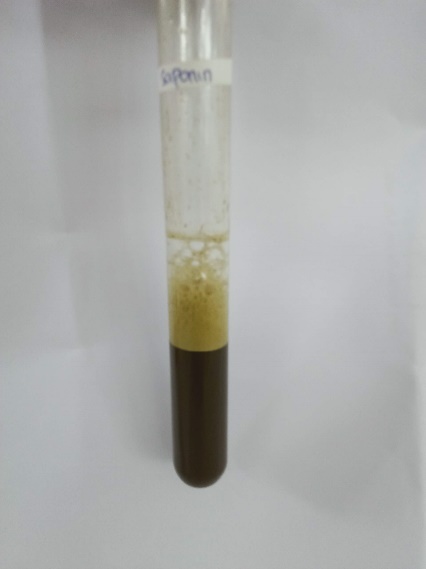
Saponin Tanin Steroid/Triterpernoid





Flavanoid Alkaloid

**Lampiran 9.** Skrining fitokimia ekstrak simplisia

****

Saponin tanin steroid

****

Flavonoid alkaloid

**Lampiran 10.** Bagan alir penelitian, bagan pembutan simplisia, bagan alir pembuatan ekstrak dan bagan alir uji efektivitas antipiretik

1. Bagan alir penelitian

Daun Rambutan Segar

Daun Rambutan

Simplisia

Serbuk simplisia

Karakterisasi Simplisia

Meserasi Simplisia

Maserat

Ekstrak kental

* Penetapan kadar air
* Penetapan kadar abu
* Penetapan kadar abu tidak larut asam
* Penetapan kadar sari larut dalam air
* Penetapan kadar sari larut dalam etanol

Skrining fitokimia

Suspensi ekstrak

Rambutan

* Alkaloid
* Flavonoid
* Steroid/Triterpenoid
* Saponin

- Tanin

* Tannin

Uji efektivitas antipiretik pada tikus putih jantan

Dibersihkan dari pengotor

Dicuci bersih dan ditiriskan

Diangin-anginkan

Ditimbang

Dikeringkan pada suhu 40ºC

Ditimbang

Dihaluskan

Ditimbang

Direndam dengan etanol 96%

Diuapkan dengan rotary evaporator

**Lampiran 10.**  (lanjutan)

2.Bagan alir pembuatan simplisia

Daun Rambutan

Disortasi Basah

Dicuci dengan air mengalir

Ditiriskan

Diangin-anginkan

Dirajang

Ditimbang

Berat Daun Rambutan setelah dirajang

Dikeringkan di dalam lemari pengering pada suhu ± 40ºC

Disortasi kering

Ditimbang

Berat simplisia 5.000 kg

Dihaluskan menggunakan blender

Ditimbang

Berat serbuk simplisia 700 g

Dimasukkan kedalam wadah tertutup rapat

Serbuk simplisia

**Lampiran 10.** (lanjutan)

3.Bagan alir pembuatan ekstrak

500 g Serbuk Simplisia Daun Rambutan

Diekstraksi dengan cara dimaserasi menggunakan pelarut etanol

Ekstrak kental

Karakterisasi simplisia

1.Makroskopik

2.Mikroskopik

3.PK Air

4.PK sari larut dalam etanol

5.PK sari larut dalam air

6.PK abu total

7.PK tidak larut dalam asam

4.PK

Pengujian efektivitas antipiretik terhadap tikus putih jantan

Skrining fitokimia

1. Alkaloid
2. Flavonoid
3. Saponin
4. Tanin
5. Steroid/triterpenoid

Suspensi EEDR

**Lampiran 10.** (lanjutan)

4.Bagan alir pengujian farmakologi

25 ekor tikus putih jantan

Dipuasakan ± 18 jam

Kelompok 2

( 5 ekor )

Kelompok 5

( 5 ekor )

Pengukuran suhu awal

Kelompok 1

(5 ekor )

Kelompok 4

( 5 ekor )

Kelompok 3

( 5 ekor )

Pengukuran suhu awal 1 jam setelah pemberian vaksin DTP-HB

Diberi EEDR 50 mg/kg BB

Kontrol negatif diberi suspensi CMC 0,5%

Diberi EEDR 100 mg/kg BB

Analisis data

Diberi EEDR 200 mg/kg BB

kontrol positif diberi suspensi parasetamol 0,5%

Pengukuran suhu rektak dilakukan setiap 30 menit selama 3 jam

**Lampiran 11.** 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

50

= X 200 g

100

= 1 ml

1. Perhitungan dosis parasetamol

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

Dosis parasetamol untuk manusia dewasa dengan BB (70 kg) = 500 mg

Maka dosis parasetamol pada tikus = dosis terapi manusia x 0,018

= 500 mg x 0,018

= 9 ml

Tikus 200 g 0,2 kg

9 mg

=

0,2 kg

= 45 mg / kg BB

Konsentrasi suspensi parasetamol

Suspensi parasetamol 0,5% = jumlah parasetamol / volume suspensi

= 5 g / 100 ml

= 500 mg / 100 ml

= 5 mg / ml

**Lampiran 11.** (lanjutan)

Dosis untuk tikus = Dosis parasetamol X BB tikus

= 45 mg x 0,2 kg

= 9 ml

Volume suspense yang diambil = dosis parasetamol untuk tikus

Konsentrasi suspense parasetamol

= 9 mg

5 mg / ml

= 1,8 ml

3.Perhitungan dosis EEDR 50 mg/kg

* Konsentrasi suspense EEDR

Konsentrasi EEDR 5% = jumlah EEDR / volume suspense

= 5000 mg /100 ml

= 50 mg/ml

* BB tikus 200 g atau 0,2 kg
* Perhitungan dosis 50 mg/kg BB

= 50

X 200 g

1000

= 10 mg

Volume suspensi yang diberikan = Dosis EEDR

Konsentrasi

= 10 mg

50 mg/ml

= 0,2

**Lampiran 11.** (lanjutan)

4.Perhitungan dosis EEDR 100 mg/kg BB

* Konsentrasi suspensi EEDR

Konsentrasi EEDR 5% = jumlah EEDR / volume suspense

= 5000 mg / 100 ml

= 50 mg/ml

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

= 100 mg

X 200 g

1000 g

= 20 mg

* Volume suspensi yang diberikan = Dosis EEDR

Konsentrasi

= 20 mg

50 mg/ml

= 0,4 ml

1. Perhitungan dosis EEDR 200 mg/kg BB

* Konsentrasi suspensi EEDR

Konsentrasi EEDR 5% = jumlah EEDG / volume suspensi

= 5000 mg / 100 ml

= 50 mg/ml

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



= 20mg

Volume suspensi yang diberikan = dosis EEDR

Konsentrasi

40 mg

50 mg/ml = 0,8 ml

**Lampiran 12.** Data perlakuan hewan

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | Hewan | Suhu awal | Suhu demam | Suhu rektal tikus (⁰C) selang 30 menit | | | | | |
| 30 | 60 | 90 | 120 | 150 | 180 |
| Kontrol Negatif CMC 0,5% | 1 | 36,8 | 38,3 | 38,2 | 38,2 | 38,1 | 38 | 38 | 38 |
| 2 | 36,9 | 38,1 | 38,1 | 38,1 | 38 | 37,9 | 37,8 | 37,7 |
| 3 | 37 | 38,2 | 38 | 38 | 37,9 | 37,7 | 37,7 | 37,6 |
| 4 | 36,9 | 38,3 | 38,2 | 38,2 | 38 | 38 | 37,9 | 37,9 |
| 5 | 37 | 38 | 37,9 | 37,9 | 37,8 | 37,6 | 37,6 | 37,5 |
|  |  |  |  |  |  |  |  |  |  |
| Kontrol positif parasetamol | 1 | 36,7 | 38,2 | 37,7 | 37,5 | 37,4 | 37,1 | 37 | 36,7 |
| 2 | 36,8 | 38 | 37,7 | 37,5 | 37,4 | 37,2 | 37 | 36,8 |
| 3 | 37 | 38,3 | 38 | 37,8 | 37,7 | 37,5 | 37,2 | 36,9 |
| 4 | 36,9 | 38,1 | 37,9 | 37,7 | 37,5 | 37,4 | 37,2 | 37 |
| 5 | 36,9 | 38 | 37,8 | 37,5 | 37,4 | 37,3 | 37,1 | 36,8 |
|  |  |  |  |  |  |  |  |  |  |
| EEDR 50 mg/kg BB | 1 | 36,8 | 38 | 37,9 | 37,7 | 37,6 | 37,5 | 37,4 | 37,2 |
| 2 | 36,7 | 38,4 | 38,2 | 37,9 | 37,8 | 37,7 | 37,5 | 37,4 |
| 3 | 37 | 38,1 | 37,9 | 37,6 | 37,5 | 37,4 | 37,3 | 37,1 |
| 4 | 36,6 | 38,2 | 38 | 37,8 | 37,7 | 37,5 | 37,3 | 37,2 |
| 5 | 36,9 | 38,3 | 38,1 | 37,9 | 37,8 | 37,6 | 37,5 | 37,3 |
|  |  |  |  |  |  |  |  |  |  |
| EEDR 100 mg/kg BB | 1 | 36,5 | 38,1 | 37,8 | 37,7 | 37,6 | 37,5 | 37,4 | 37,2 |
| 2 | 36,6 | 38,2 | 38 | 37,8 | 37,6 | 37,4 | 37,2 | 37 |
| 3 | 37 | 38,2 | 37,7 | 37,6 | 37,5 | 37,4 | 37,2 | 37 |
| 4 | 36,8 | 38,3 | 38 | 37,9 | 37,7 | 37,5 | 37,3 | 37,2 |
| 5 | 36,7 | 38 | 37,8 | 37,7 | 37,6 | 37,5 | 37,4 | 37,1 |
|  |  |  |  |  |  |  |  |  |  |
| EEDR 200 mg/kg BB | 1 | 36,6 | 38 | 37,7 | 37,5 | 37,4 | 37,2 | 37,1 | 36,8 |
| 2 | 36,9 | 38,1 | 37,9 | 37,6 | 37,5 | 37,4 | 37,3 | 36,6 |
| 3 | 36,8 | 38,1 | 38 | 37,7 | 37,6 | 37,2 | 36,8 | 36,5 |
| 4 | 36,7 | 38,2 | 37,6 | 37,4 | 37,4 | 37,3 | 37,2 | 37 |
| 5 | 36,5 | 38,3 | 37 | 37,2 | 37 | 36,8 | 36,6 | 36,5 |

**Lampiran 13.** Tabel konversi dosis (g).

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 14.** Tabel volume maksimum lambung pada hewan (ml)

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

**Lampiran 15.** Hasil SPSS,ANOVA, Dan DUNCAN

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | | |
|  | |  | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| suhu\_awal | CMC 0,5% | 5 | 36,9200 | ,08367 | ,03742 | 36,8161 | 37,0239 | 36,80 | 37,00 |
| PCT | 5 | 36,8600 | ,11402 | ,05099 | 36,7184 | 37,0016 | 36,70 | 37,00 |
| EEDR50 Mg/kg BB | 5 | 36,8000 | ,15811 | ,07071 | 36,6037 | 36,9963 | 36,60 | 37,00 |
| EEDR100 Mg/kg BB | 5 | 36,7200 | ,19235 | ,08602 | 36,4812 | 36,9588 | 36,50 | 37,00 |
| EEDR200 Mg/kg BB | 5 | 36,7000 | ,15811 | ,07071 | 36,5037 | 36,8963 | 36,50 | 36,90 |
| Total | 25 | 36,8000 | ,15811 | ,03162 | 36,7347 | 36,8653 | 36,50 | 37,00 |
| suhu\_demam | CMC 0,5% | 5 | 37,8800 | ,61400 | ,27459 | 37,1176 | 38,6424 | 36,80 | 38,30 |
| PCT | 5 | 38,1200 | ,13038 | ,05831 | 37,9581 | 38,2819 | 38,00 | 38,30 |
| EEDR50 Mg/kg BB | 5 | 38,2000 | ,15811 | ,07071 | 38,0037 | 38,3963 | 38,00 | 38,40 |
| EEDR100 Mg/kg BB | 5 | 38,1600 | ,11402 | ,05099 | 38,0184 | 38,3016 | 38,00 | 38,30 |
| EEDR200 Mg/kg BB | 5 | 38,1400 | ,11402 | ,05099 | 37,9984 | 38,2816 | 38,00 | 38,30 |
| Total | 25 | 38,1000 | ,29580 | ,05916 | 37,9779 | 38,2221 | 36,80 | 38,40 |
| menit30 | CMC 0,5% | 5 | 38,0800 | ,13038 | ,05831 | 37,9181 | 38,2419 | 37,90 | 38,20 |
| PCT | 5 | 37,8200 | ,13038 | ,05831 | 37,6581 | 37,9819 | 37,70 | 38,00 |
| EEDR50 Mg/kg BB | 5 | 38,0200 | ,13038 | ,05831 | 37,8581 | 38,1819 | 37,90 | 38,20 |
| EEDR100 Mg/kg BB | 5 | 37,8600 | ,13416 | ,06000 | 37,6934 | 38,0266 | 37,70 | 38,00 |
| EEDR200 Mg/kg BB | 5 | 37,6400 | ,39115 | ,17493 | 37,1543 | 38,1257 | 37,00 | 38,00 |
| Total | 25 | 37,8840 | ,24947 | ,04989 | 37,7810 | 37,9870 | 37,00 | 38,20 |
| menit60 | CMC 0,5% | 5 | 38,0800 | ,13038 | ,05831 | 37,9181 | 38,2419 | 37,90 | 38,20 |
| PCT | 5 | 37,6000 | ,14142 | ,06325 | 37,4244 | 37,7756 | 37,50 | 37,80 |
| EEDR50 Mg/kg BB | 5 | 37,7800 | ,13038 | ,05831 | 37,6181 | 37,9419 | 37,60 | 37,90 |
| EEDR100 Mg/kg BB | 5 | 37,7400 | ,11402 | ,05099 | 37,5984 | 37,8816 | 37,60 | 37,90 |
| EEDR200 Mg/kg BB | 5 | 37,4800 | ,19235 | ,08602 | 37,2412 | 37,7188 | 37,20 | 37,70 |
| Total | 25 | 37,7360 | ,24474 | ,04895 | 37,6350 | 37,8370 | 37,20 | 38,20 |
| menit90 | CMC 0,5% | 5 | 37,9600 | ,11402 | ,05099 | 37,8184 | 38,1016 | 37,80 | 38,10 |
| PCT | 5 | 37,4800 | ,13038 | ,05831 | 37,3181 | 37,6419 | 37,40 | 37,70 |
| EEDR50 Mg/kg BB | 5 | 37,6800 | ,13038 | ,05831 | 37,5181 | 37,8419 | 37,50 | 37,80 |
| EEDR100 Mg/kg BB | 5 | 37,6000 | ,07071 | ,03162 | 37,5122 | 37,6878 | 37,50 | 37,70 |
| EEDR200 Mg/kg BB | 5 | 37,3800 | ,22804 | ,10198 | 37,0969 | 37,6631 | 37,00 | 37,60 |
| Total | 25 | 37,6200 | ,24152 | ,04830 | 37,5203 | 37,7197 | 37,00 | 38,10 |
| menit120 | CMC 0,5% | 5 | 37,8400 | ,18166 | ,08124 | 37,6144 | 38,0656 | 37,60 | 38,00 |
| PCT | 5 | 37,3000 | ,15811 | ,07071 | 37,1037 | 37,4963 | 37,10 | 37,50 |
| EEDR50 Mg/kg BB | 5 | 37,5400 | ,11402 | ,05099 | 37,3984 | 37,6816 | 37,40 | 37,70 |
| EEDR100 Mg/kg BB | 5 | 37,4600 | ,05477 | ,02449 | 37,3920 | 37,5280 | 37,40 | 37,50 |
| EEDR200 Mg/kg BB | 5 | 37,1800 | ,22804 | ,10198 | 36,8969 | 37,4631 | 36,80 | 37,40 |
| Total | 25 | 37,4640 | ,27215 | ,05443 | 37,3517 | 37,5763 | 36,80 | 38,00 |
| menit150 | CMC 0,5% | 5 | 37,8000 | ,15811 | ,07071 | 37,6037 | 37,9963 | 37,60 | 38,00 |
| PCT | 5 | 37,1000 | ,10000 | ,04472 | 36,9758 | 37,2242 | 37,00 | 37,20 |
| EEDR50 Mg/kg BB | 5 | 37,4000 | ,10000 | ,04472 | 37,2758 | 37,5242 | 37,30 | 37,50 |
| EEDR100 Mg/kg BB | 5 | 37,3000 | ,10000 | ,04472 | 37,1758 | 37,4242 | 37,20 | 37,40 |
| EEDR200 Mg/kg BB | 5 | 37,0000 | ,29155 | ,13038 | 36,6380 | 37,3620 | 36,60 | 37,30 |
| Total | 25 | 37,3200 | ,32275 | ,06455 | 37,1868 | 37,4532 | 36,60 | 38,00 |
| menit180 | CMC 0,5% | 5 | 37,7400 | ,20736 | ,09274 | 37,4825 | 37,9975 | 37,50 | 38,00 |
| PCT | 5 | 36,8400 | ,11402 | ,05099 | 36,6984 | 36,9816 | 36,70 | 37,00 |
| EEDR50 Mg/kg BB | 5 | 37,2400 | ,11402 | ,05099 | 37,0984 | 37,3816 | 37,10 | 37,40 |
| EEDR100 Mg/kg BB | 5 | 37,1000 | ,10000 | ,04472 | 36,9758 | 37,2242 | 37,00 | 37,20 |
| EEDR200 Mg/kg BB | 5 | 36,6800 | ,21679 | ,09695 | 36,4108 | 36,9492 | 36,50 | 37,00 |
| Total | 25 | 37,1200 | ,40104 | ,08021 | 36,9545 | 37,2855 | 36,50 | 38,00 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | | |
|  | | | | | | | |
|  | perlakuan | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| suhu\_awal | CMC 0,5% | ,231 | 5 | ,200\* | ,881 | 5 | ,314 |
| PCT | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| EEDR50 Mg/kg BB | ,136 | 5 | ,200\* | ,987 | 5 | ,967 |
| EEDR100 Mg/kg BB | ,141 | 5 | ,200\* | ,979 | 5 | ,928 |
| EEDR200 Mg/kg BB | ,136 | 5 | ,200\* | ,987 | 5 | ,967 |
| suhu\_demam | CMC 0,5% | ,377 | 5 | ,019 | ,724 | 5 | ,017 |
| PCT | ,221 | 5 | ,200\* | ,902 | 5 | ,421 |
| EEDR50 Mg/kg BB | ,136 | 5 | ,200\* | ,987 | 5 | ,967 |
| EEDR100 Mg/kg BB | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| EEDR200 Mg/kg BB | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| menit30 | CMC 0,5% | ,221 | 5 | ,200\* | ,902 | 5 | ,421 |
| PCT | ,221 | 5 | ,200\* | ,902 | 5 | ,421 |
| EEDR50 Mg/kg BB | ,221 | 5 | ,200\* | ,902 | 5 | ,421 |
| EEDR100 Mg/kg BB | ,273 | 5 | ,200\* | ,852 | 5 | ,201 |
| EEDR200 Mg/kg BB | ,259 | 5 | ,200\* | ,888 | 5 | ,345 |
| menit60 | CMC 0,5% | ,221 | 5 | ,200\* | ,902 | 5 | ,421 |
| PCT | ,360 | 5 | ,033 | ,767 | 5 | ,042 |
| EEDR50 Mg/kg BB | ,221 | 5 | ,200\* | ,902 | 5 | ,421 |
| EEDR100 Mg/kg BB | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| EEDR200 Mg/kg BB | ,141 | 5 | ,200\* | ,979 | 5 | ,928 |
| menit90 | CMC 0,5% | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| PCT | ,330 | 5 | ,079 | ,735 | 5 | ,021 |
| EEDR50 Mg/kg BB | ,221 | 5 | ,200\* | ,902 | 5 | ,421 |
| EEDR100 Mg/kg BB | ,300 | 5 | ,161 | ,883 | 5 | ,325 |
| EEDR200 Mg/kg BB | ,335 | 5 | ,069 | ,860 | 5 | ,228 |
| menit120 | CMC 0,5% | ,229 | 5 | ,200\* | ,867 | 5 | ,254 |
| PCT | ,136 | 5 | ,200\* | ,987 | 5 | ,967 |
| EEDR50 Mg/kg BB | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| EEDR100 Mg/kg BB | ,367 | 5 | ,026 | ,684 | 5 | ,006 |
| EEDR200 Mg/kg BB | ,335 | 5 | ,069 | ,860 | 5 | ,228 |
| menit150 | CMC 0,5% | ,136 | 5 | ,200\* | ,987 | 5 | ,967 |
| PCT | ,241 | 5 | ,200\* | ,821 | 5 | ,119 |
| EEDR50 Mg/kg BB | ,241 | 5 | ,200\* | ,821 | 5 | ,119 |
| EEDR100 Mg/kg BB | ,241 | 5 | ,200\* | ,821 | 5 | ,119 |
| EEDR200 Mg/kg BB | ,234 | 5 | ,200\* | ,928 | 5 | ,585 |
| menit180 | CMC 0,5% | ,180 | 5 | ,200\* | ,952 | 5 | ,754 |
| PCT | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| EEDR50 Mg/kg BB | ,237 | 5 | ,200\* | ,961 | 5 | ,814 |
| EEDR100 Mg/kg BB | ,241 | 5 | ,200\* | ,821 | 5 | ,119 |
| EEDR200 Mg/kg BB | ,244 | 5 | ,200\* | ,871 | 5 | ,272 |
| \*. This is a lower bound of the true significance. | | | | | | | |
| a. Lilliefors Significance Correction | | | | | | | |

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| **Test of Homogeneity of Variances** | | | | |
|  | Levene Statistic | df1 | df2 | Sig. |
| suhu\_awal | ,808 | 4 | 20 | ,534 |
| suhu\_demam | 3,454 | 4 | 20 | ,027 |
| menit30 | 1,884 | 4 | 20 | ,153 |
| menit60 | ,479 | 4 | 20 | ,750 |
| menit90 | 1,042 | 4 | 20 | ,411 |
| menit120 | 1,316 | 4 | 20 | ,298 |
| menit150 | 4,615 | 4 | 20 | ,008 |
| menit180 | 2,305 | 4 | 20 | ,094 |

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| **ANOVA** | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| suhu\_awal | Between Groups | ,172 | 4 | ,043 | 2,009 | ,132 |
| Within Groups | ,428 | 20 | ,021 |  |  |
| Total | ,600 | 24 |  |  |  |
| suhu\_demam | Between Groups | ,320 | 4 | ,080 | ,899 | ,483 |
| Within Groups | 1,780 | 20 | ,089 |  |  |
| Total | 2,100 | 24 |  |  |  |
| menit30 | Between Groups | ,606 | 4 | ,151 | 3,410 | ,028 |
| Within Groups | ,888 | 20 | ,044 |  |  |
| Total | 1,494 | 24 |  |  |  |
| menit60 | Between Groups | 1,022 | 4 | ,255 | 12,279 | ,000 |
| Within Groups | ,416 | 20 | ,021 |  |  |
| Total | 1,438 | 24 |  |  |  |
| menit90 | Between Groups | ,984 | 4 | ,246 | 11,827 | ,000 |
| Within Groups | ,416 | 20 | ,021 |  |  |
| Total | 1,400 | 24 |  |  |  |
| menit120 | Between Groups | 1,274 | 4 | ,318 | 12,635 | ,000 |
| Within Groups | ,504 | 20 | ,025 |  |  |
| Total | 1,778 | 24 |  |  |  |
| menit150 | Between Groups | 1,940 | 4 | ,485 | 17,321 | ,000 |
| Within Groups | ,560 | 20 | ,028 |  |  |
| Total | 2,500 | 24 |  |  |  |
| menit180 | Between Groups | 3,356 | 4 | ,839 | 33,294 | ,000 |
| Within Groups | ,504 | 20 | ,025 |  |  |
| Total | 3,860 | 24 |  |  |  |

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| **suhu\_awal** | | | |
| Duncan | | | |
| perlakuan | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EEDR200 Mg/kg BB | 5 | 36,7000 |  |
| EEDR100 Mg/kg BB | 5 | 36,7200 | 36,7200 |
| EEDR50 Mg/kg BB | 5 | 36,8000 | 36,8000 |
| PCT | 5 | 36,8600 | 36,8600 |
| CMC 0,5% | 5 |  | 36,9200 |
| Sig. |  | ,127 | ,060 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5,000. | | | |

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| **suhu\_demam** | | |
| Duncan | | |
| perlakuan | N | Subset for alpha = 0.05 |
| 1 |
| CMC 0,5% | 5 | 37,8800 |
| PCT | 5 | 38,1200 |
| EEDR200 Mg/kg BB | 5 | 38,1400 |
| EEDR100 Mg/kg BB | 5 | 38,1600 |
| EEDR50 Mg/kg BB | 5 | 38,2000 |
| Sig. |  | ,142 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 5,000.   |  |  |  |  | | --- | --- | --- | --- | | **menit30** | | | | | Duncan | | | | | perlakuan | N | Subset for alpha = 0.05 | | | 1 | 2 | | EEDR200 Mg/kg BB | 5 | 37,6400 |  | | PCT | 5 | 37,8200 | 37,8200 | | EEDR100 Mg/kg BB | 5 | 37,8600 | 37,8600 | | EEDR50 Mg/kg BB | 5 |  | 38,0200 | | CMC 0,5% | 5 |  | 38,0800 | | Sig. |  | ,133 | ,087 | | Means for groups in homogeneous subsets are displayed. | | | | | a. Uses Harmonic Mean Sample Size = 5,000. | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **menit60** | | | | | | Duncan | | | | | | perlakuan | N | Subset for alpha = 0.05 | | | | 1 | 2 | 3 | | EEDR200 Mg/kg BB | 5 | 37,4800 |  |  | | PCT | 5 | 37,6000 | 37,6000 |  | | EEDR100 Mg/kg BB | 5 |  | 37,7400 |  | | EEDR50 Mg/kg BB | 5 |  | 37,7800 |  | | CMC 0,5% | 5 |  |  | 38,0800 | | Sig. |  | ,203 | ,075 | 1,000 | | Means for groups in homogeneous subsets are displayed. | | | | | | a. Uses Harmonic Mean Sample Size = 5,000. | | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **menit90** | | | | | | | Duncan | | | | | | | perlakuan | N | Subset for alpha = 0.05 | | | | | 1 | 2 | 3 | 4 | | EEDR200 Mg/kg BB | 5 | 37,3800 |  |  |  | | PCT | 5 | 37,4800 | 37,4800 |  |  | | EEDR100 Mg/kg BB | 5 |  | 37,6000 | 37,6000 |  | | EEDR50 Mg/kg BB | 5 |  |  | 37,6800 |  | | CMC 0,5% | 5 |  |  |  | 37,9600 | | Sig. |  | ,286 | ,203 | ,391 | 1,000 | | Means for groups in homogeneous subsets are displayed. | | | | | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **menit120** | | | | | | | Duncan | | | | | | | perlakuan | N | Subset for alpha = 0.05 | | | | | 1 | 2 | 3 | 4 | | EEDR200 Mg/kg BB | 5 | 37,1800 |  |  |  | | PCT | 5 | 37,3000 | 37,3000 |  |  | | EEDR100 Mg/kg BB | 5 |  | 37,4600 | 37,4600 |  | | EEDR50 Mg/kg BB | 5 |  |  | 37,5400 |  | | CMC 0,5% | 5 |  |  |  | 37,8400 | | Sig. |  | ,246 | ,127 | ,435 | 1,000 | | Means for groups in homogeneous subsets are displayed. | | | | | | | a. Uses Harmonic Mean Sample Size = 5,000. | | | | | | | | | | | | | | |

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| **menit90** | | | | | |
| Duncan | | | | | |
| perlakuan | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| EEDR200 Mg/kg BB | 5 | 37,3800 |  |  |  |
| PCT | 5 | 37,4800 | 37,4800 |  |  |
| EEDR100 Mg/kg BB | 5 |  | 37,6000 | 37,6000 |  |
| EEDR50 Mg/kg BB | 5 |  |  | 37,6800 |  |
| CMC 0,5% | 5 |  |  |  | 37,9600 |
| Sig. |  | ,286 | ,203 | ,391 | 1,000 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **menit120** | | | | | | | Duncan | | | | | | | perlakuan | N | Subset for alpha = 0.05 | | | | | 1 | 2 | 3 | 4 | | EEDR200 Mg/kg BB | 5 | 37,1800 |  |  |  | | PCT | 5 | 37,3000 | 37,3000 |  |  | | EEDR100 Mg/kg BB | 5 |  | 37,4600 | 37,4600 |  | | EEDR50 Mg/kg BB | 5 |  |  | 37,5400 |  | | CMC 0,5% | 5 |  |  |  | 37,8400 | | Sig. |  | ,246 | ,127 | ,435 | 1,000 | | Means for groups in homogeneous subsets are displayed. | | | | | | | a. Uses Harmonic Mean Sample Size = 5,000. | | | | | |   a. Uses Harmonic Mean Sample Size = 5,000. | | | | | |

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| **menit150** | | | | | |
| Duncan | | | | | |
| perlakuan | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| EEDR200 Mg/kg BB | 5 | 37,0000 |  |  |  |
| PCT | 5 | 37,1000 | 37,1000 |  |  |
| EEDR100 Mg/kg BB | 5 |  | 37,3000 | 37,3000 |  |
| EEDR50 Mg/kg BB | 5 |  |  | 37,4000 |  |
| CMC 0,5% | 5 |  |  |  | 37,8000 |
| Sig. |  | ,356 | ,073 | ,356 | 1,000 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 5,000. | | | | | |

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| **menit180** | | | | |
| Duncan | | | | |
| perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| EEDR200 Mg/kg BB | 5 | 36,6800 |  |  |
| PCT | 5 | 36,8400 |  |  |
| EEDR100 Mg/kg BB | 5 |  | 37,1000 |  |
| EEDR50 Mg/kg BB | 5 |  | 37,2400 |  |
| CMC 0,5% | 5 |  |  | 37,7400 |
| Sig. |  | ,127 | ,178 | 1,000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5,000. | | | | |