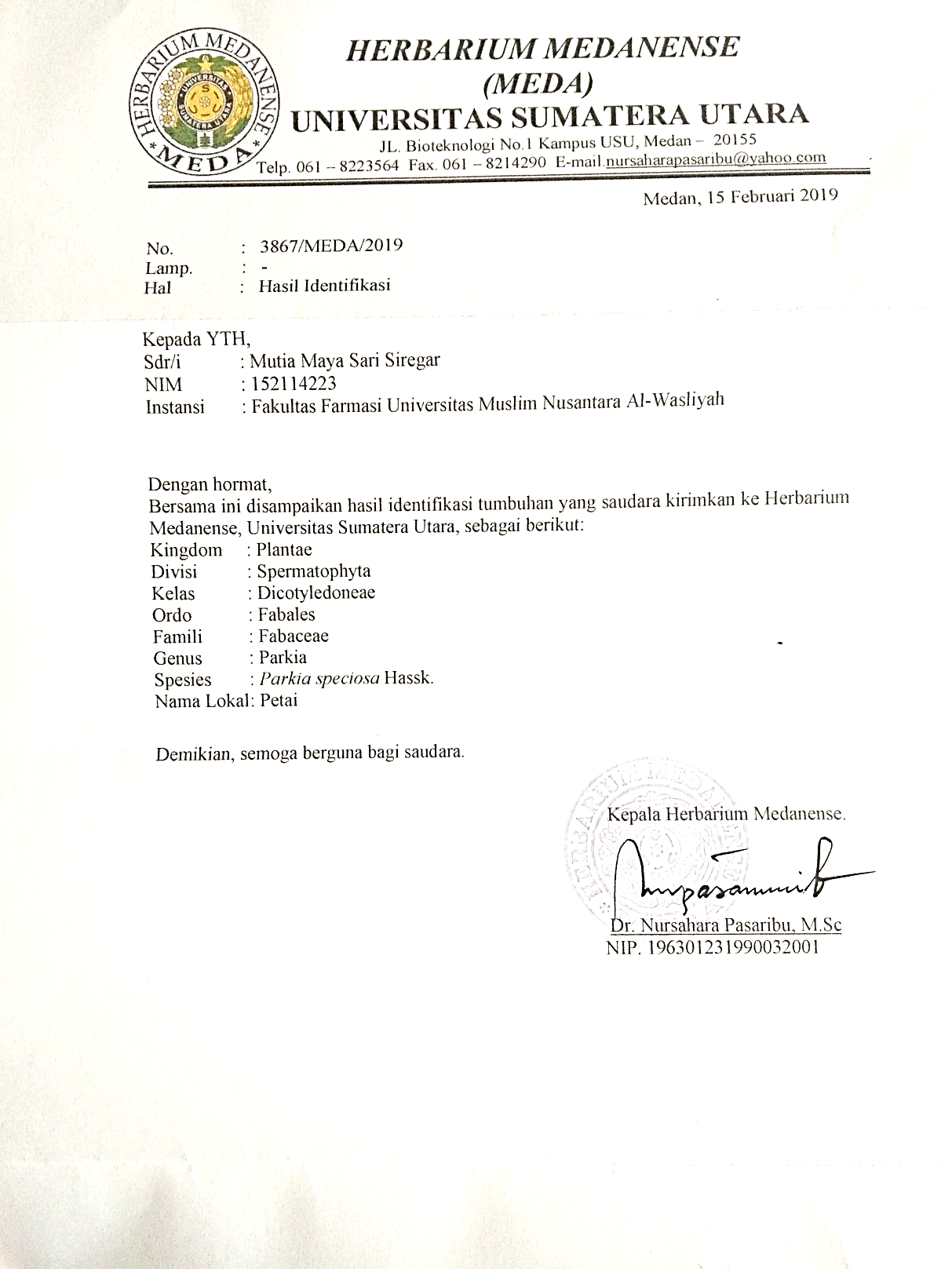
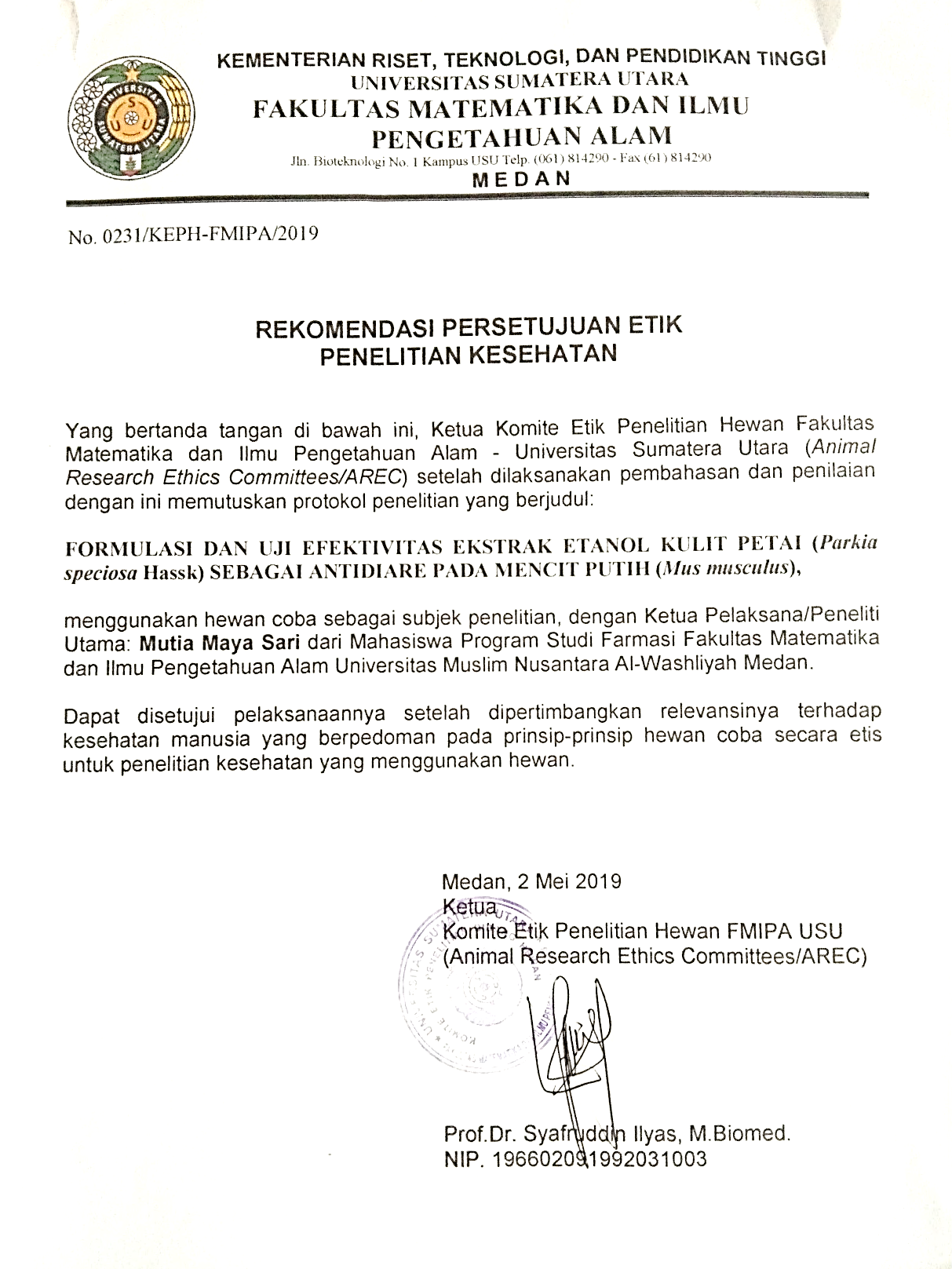
Lampiran 1. Hasil identifikasi tumbuhan

LAMPIRAN

Lampiran 2. Surat ethical clearance



Lampiran 3. Gambar tanaman petai



Lampiran 4. Makroskopik kulit petai



Kulit petai



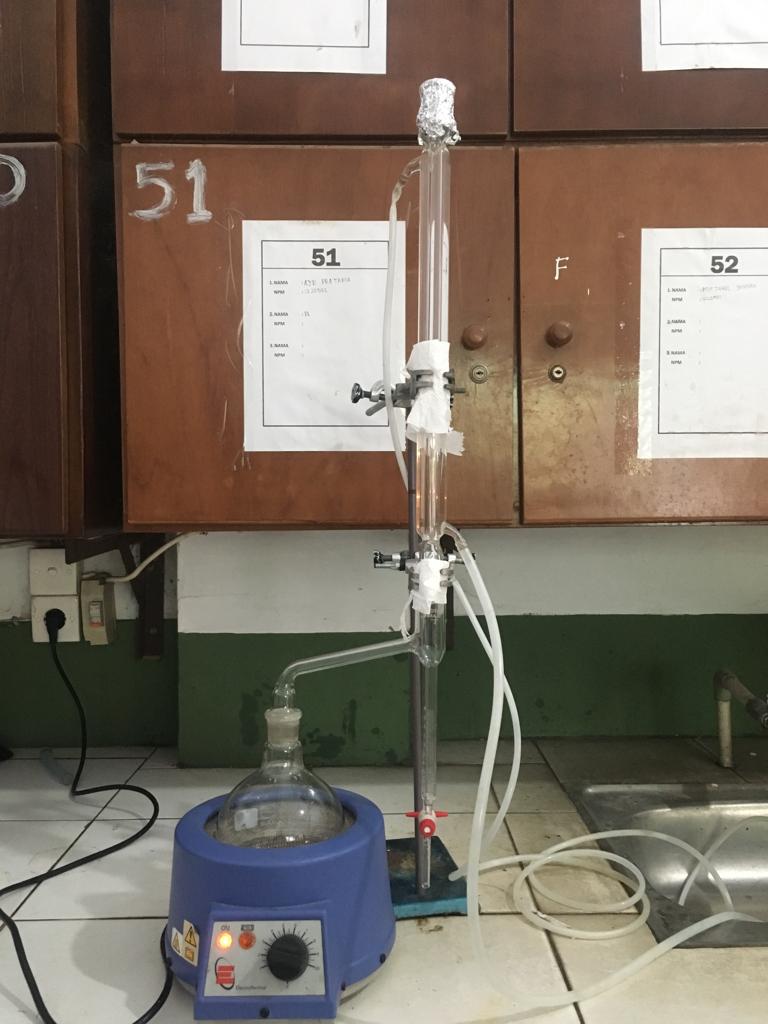
Proses pengeringan kulit petai



Serbuk kulit petai

Lampiran 5. Gambar alat



Alat *Rotary Evaporator*

Gambar Destilasis

Lampiran 6. Bagan Alir Skrining Fitokimia dan Karakterisasi

Simplisia Kulit Petai 12 kg

Dibersihkan dari pengotor kemudian

Dicuci bersih dan di tiriskan

Ditimbang

Simplisia Kulit Petai 11,5 kg

kemudian di keringkan di lemari pengering suhu 40ºC

Di timbang

Simplisia Kering Kulit Petai 8,2 kg

Di haluskan

Di timbang

Serbuk Simplisia Kulit Petai 4,5 kg

Skrining Fitokimia

Karakterisasi

Dibuat Ekstrak

1. Makroskospik
2. Mikroskospik
3. PenetapanKadar Air
4. Penetapan Kadar Sari Larut Dalam Air
5. Penetapan Kadar Sari Larut Dalam Etanol
6. Penetapan Kadar Abu Total
7. Penetapan Kadar Abu Tidak Larut Dalam asam

Dimeserasi dengan Etanol 96 %

1. Pemeriksaan alkaloid
2. Pemeriksaan flavonoid
3. Pemeriksaan Glikosida
4. Pemeriksaan Glikosida Antrakuinon
5. Pemeriksaan Saponin
6. Pemeriksaan Tanin
7. Pemeriksaan Steroid

Meserasi

Diuapkan dengan rotary evavorator

Ekstrak kental

Uji anti diare

SkriningFitokimia

Hasil

Lampiran 7. Bagan alir uji efektivitas antidiare pada mencit

Diadaptasi 2 minggu

Mencit 20 -30 g

Diinduksi oleh Oleum ricini

Diamati selama 1 jam

Semua mencit diuji dalam keadaan diare

Kelompok V

Suspensi EEKP 600 mg/kg BB

Kelompok IV suspensi EEKP 400 mg/kg BB

Kelompok III

suspensi EEKP 200 mg/kg BB

Kelompok 1

CMC 0,5 %

Kelompok II

Loperamid HCL 0.05%

Pengamatan

1. Saat terjadinya diare
2. Berat feses
3. Diameter feses
4. Frekuensi diare
5. Lama terjadi diare

Lampiran 8. Gambar hasil uji mikroskopik kulit petai segar



1 3

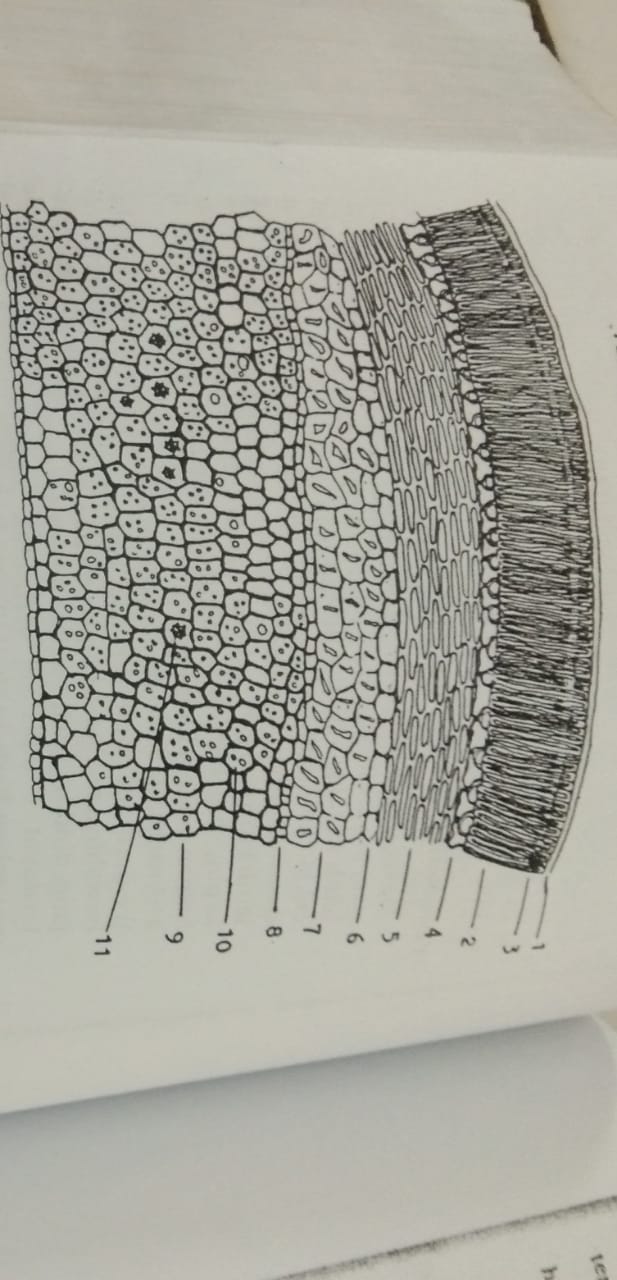
2

Mikroskopik kulit petai perbesaran 10 x 40

Keterangan:

1. Minyak atsiri

2. Sel pipih

3. Hablur kalsium oksalat

4

3

2

1

Mikroskopik Petai Cina

Keterangan :

* + - 1. sel pipih
      2. Minyak Asiri
      3. Hablur kalsium oksalat
      4. Sel Bentuk Piala

Lampiran 9. Perhitungan Hasil Pemeriksaan Karakterisasi Serbuk Simplisia Kuli Petai

1. Hasil Perhitungan Penetapan Kadar Air

Keterangan : V1= Volume awal dari penjenuhan toluen

V2= Volume akhir air dari simplisia

1. Sampel pengulangan I

V1 = 1.8 mL

V2 = 1.5mL

Berat simplisia = 5 g

= 6 %

1. Sampel pengulangan II

V1 = 2.1 mL

V2 = 1.7 mL

Berat simplisia = 5 g

= 8 %

1. Sampel pengulangan III

V1 = 2,2 mL

V2 = 2.0 mL

Berat simplisia = 5 g

= 4 %

Kadar air rata-rata = = 6 %

Lampiran 9. (Lanjutan)

2. Hasil Perhitungan Penetapan Kadar Sari Larut Air

Kadar sari larut air

1. Sampel pengulangan I

Berat sampel : 5 g

Berat Cawan Kosong : 34,96 g

Berat Cawan + sampel : 34.96 g

Kadar sari larut air = 25 %

1. Sampel pengulangan II

Beratsampel :5 g

Berat Cawan Kosong : 28,70 g

Berat Cawan + sampel :28.90 g

Kadar sari larut air = 20%

1. Sampel pengulangan III

Berat sampel :5 g

Berat Cawan Kosong : 35.15 g

Berat Cawan + sampel : 35. 35 g

Kadar sari larut air = 20%

Kadar sari larut air rata-rata = = 21.666 %

**Lampiran 9.** (Lanjutan)

**3.** Hasil Perhitungan Penetapan Kadar Sari Larut Etanol

Kadar sari larut etanol

a. Sampel pengulangan I

Berat sampel : 5 g

Berat Cawan Kosong : 53.25 g

Berat Cawan + sampel :53.30 g

Kadar sari larut air = 5%

b. Sampel pengulangan II

Berat sampel :5 g

Berat Cawan Kosong : 64.40 g

Berat Cawan + sampel : 64.48 g

Kadar sari larut air = 8%

c. Sampel pengulangan III

Berat sampel :5 g

Berat Cawan Kosong : 64.20 g

Berat Cawan + sampel : 64.25 g

Kadar sari larut air = 5%

Kadar sari larut etanol rata-rata = = 6 %

**Lampiran 9.** (Lanjutan)

4.Hasil Perhitungan Penetapan Kadar Abu Total

Kadar abu total

1. Sampel pengulangan I

Berat sampel : 5 g

Berat Krus Kosong : 63 g

Berat Krus Isi : 63,12 g

Kadar abu total = 2.4 %

b. Sampel pengulangan II

Berat sampel : 5 g

Berat Krus Kosong : 59.35 g

Berat Krus Isi : 59.50 g

Kadar abu total = 3 %

c. Sampel pengulangan III

Berat sampel : 5 g

Berat Krus Kosong : 60.25 g

Berat Krus Isi : 60,45 g

Kadar abu total = 4%

Kadar abu total rata-rata = = 3,13%

**Lampiran 9.** (Lanjutan)

5. Hasil Perhitungan Penetapan Kadar Abu Tidak Larut Dalam Asam

Kadar abu tidak larut asam

a. Sampel pengulangan I

Berat sampel : 2,0005 gram

Berat Krus Kosong : 34,48 gram

Berat Krus Isi : 34,52 gram

Kadar abu tidak larut asam = 1,99 %

b. Sampel pengulangan II

Berat sampel : 2,0001 gram

Berat Krus Kosong : 34,48 gram

Berat Krus Isi : 34,51 gram

Kadar abu tidak larut asam = 1,49%

c. Sampel pengulangan III

Berat sampel : 2,0001 gram

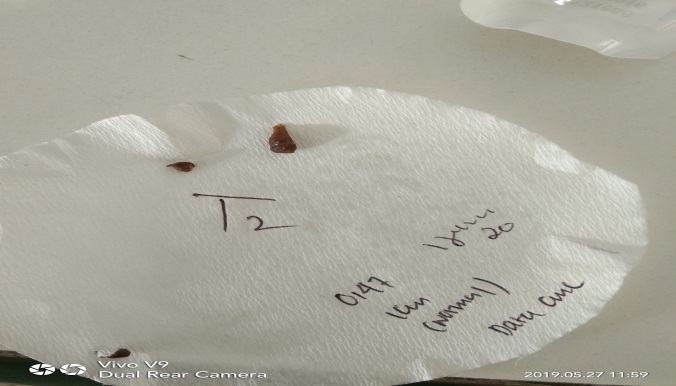
Berat Krus Kosong : 34,48 gram

Berat Krus Isi : 34,50 gram

Kadar abu tidak larut asam = 0,99%

Kadar abu tidak larut asam rata-rata = = 1,49%

Lampiran 10. Gambar feses mencit





feses normal

feses lembek



feses berlemdir

Lampiran 11. Volume Maksimum Sediaan Uji Yang Diberikan Pada Hewan Uji

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Jenis Hewan Uji | Volume maksimum (ml) sesuai jalur pemberian | | | | |
| i.v |  | 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  (300 g) | - | 0,25 | 2-5 | 5,0 | 10,0 |
| Kelinci  (2,5 kg) | 5-10 | 0,5 | 10-20 | 5-10 | 20,0 |
| Kucing  (3 kg) | 5-10 | 1,0 | 10-20 | 5-10 | 50,0 |
| Anjing  (5 kg) | 10-20 | 5,0 | 20-50 | 10,0 | 100,0 |

Keterangan :

i.v = intravena

i.m = intramuskular

i.p = intraperitonial

s.c = subcutan

p.o = peroral

Lampiran 12. Tabel Konversi Antara Jenis Hewan Dengan Manusia.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Mencit  20 g | Tikus  200 g | Marmut  400 g | Kelinci  1,5 kg | Kera  4 kg | Anjing  12 kg | Manusia  70 kg |
| Mencit  20 g | 1,0 | 7,0 | 12,25 | 27,8 | 64,1 | 124,3 | 387,9 |
| Tikus  200 g | 0,14 | 1,0 | 1,74 | 3,0 | 9,2 | 17,8 | 56,0 |
| Marmut  400 g | 0,008 | 0,57 | 1,0 | 2,25 | 5,2 | 10,2 | 31,5 |
| Kelinci  1,5 kg | 0,04 | 0,25 | 0,44 | 1,0 | 2,4 | 4,5 | 14,2 |
| Kera  4 kg | 0,016 | 0,11 | 0,19 | 0,42 | 1,0 | 1,9 | 6,1 |
| Anjing  12 kg | 0,008 | 0,06 | 0,10 | 0,22 | 0,52 | 1,0 | 3,1 |
| Manusia  70 kg | 0,0026 | 0,018 | 0,031 | 0,07 | 0,16 | 0,32 | 1,0 |

Lampiran 13. Perhitungan Konversi Dosis Loperamid HCl

* + - 1. Perhitungan konversi dosis loperamid HCl dari manusia ke mencit:

Dosis loperamid pada manusia (berat 70 kg) = 2-8 mg, tidak melebihi 16 mg/hari

Maka dosis loperamid untuk mencit (20 g) = 0,0026 X 2 mg

= 0,0052 mg / 0,02 kg BB

=0,26 mg/kg BB

ii. Perhitungan pembuatan loperamid HCl 0,05%

kosentrasi loperamid yang digunakan dalam penelitian adalah 0,05% maka untuk membuat suspensi loperamid HCl dengan konsentrasi 0,05% sebanyak 10 ml diperlukan loperamid HCl sebanyak

Dosis mencit setelah dikonversikan 0,26 mg/kg BB

Volume pemberian suspensi loperamid HCl 0,26 mg/kg BB (0.05%)

Kosentrasi => 0,5 mg/ml

Jika berat badan mencit 20 g, maka loperamid yang diberikan tiap mencit sebanyak

Dosis mencit (20g) =

Maka, volume yang diberikan

Loperamid HCl 0,05% yaitu 50 mg dalam 100 ml, jika untuk 10 mg dalam 10 ml. maka loperamid HCl yang digunakan aebanyak 10 mg dalam 10 ml = 2,5 tablet dalam 10 ml

Lampiran 14. Perhitungan Dosis EEKP 2% Dengan dosis 200 mg/kg BB, 400 mg/kg BB dan 600 mg/kg BB

1. Perhitungan dosis, volume pemberian suspensi EEKP

Konsentrasi EEKP = 2 %

2. EEKP dosis 200 mg/kg BB

Maka untuk membuat suspensi EEKP dengan konsentrasi 2 % sebanyak 10 ml, EEKP yang diambil sebanyak

Volume pemberian suspensi EEKP 10 mg/kg BB

Jika berat bedan mencit 30 g, maka EEKP yang diberikan tiap mencit sebanyak

Maka, volume yang diberikan

3. EEKP dosis 400 mg/kg BB

Maka untuk membuat suspensi EEKP dengan konsentrasi 2 % sebanyak 10 ml, EEKP yang diambil sebanyak

Volume pemberian suspensi EEKP 10 mg/kg BB

Jika berat bedan mencit 30 g, maka EEKP yang diberikan tiap mencit sebanyak

Maka, volume yang diberikan

4. EEKP dosis 600 mg/kg BB

Maka untuk membuat suspensi EEKP dengan konsentrasi 2 % sebanyak 10 ml, EEKP yang diambil sebanyak

**Lampiran 14.** (Lanjutan)

Volume pemberian suspensi EEKP 10 mg/kg BB

Jika berat bedan mencit 30 g, maka EEKP yang diberikan tiap mencit sebanyak

Maka, volume yang diberikan

Lampiran 15. Hasil pengamatan saat mulai terjadinya diare yang diinduksi oleum ricini setelah pemberian suspensi CMC Na 0,5 %, suspensi loperamid HCl dan suspensi ekstrak etanol kulit petai (EEKP)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | Hewan | | | | | | Jumlah | Rata-rata (menit) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| OR + CMC Na 0,5 % | 69 | 75 | 82 | 63 | 62 | 73 | 424 | 70.6 |
| OR + Loperamid HCl | 117 | 103 | 112 | 93 | 95 | 92 | 612 | 102 |
| OR + EEKP 200 mg/kg BB | 84 | 87 | 110 | 93 | 75 | 85 | 534 | 89 |
| OR + EEKP 400 mg/kg BB | 79 | 85 | 83 | 63 | 65 | 84 | 459 | 76.5 |
| OR + EEKP 600 mg/ kg BB | 97 | 80 | 104 | 70 | 84 | 90 | 525 | 87.5 |

Keterangan :

OR : Oleum Ricini

EEKP : Ekstrak Etanol Kulit Petai

Lampiran 16. Hasil pengamatan konsistensi feses (berlendir, lembek, normal) meliputi diameter feses dan berat feses setelah pemberian suspensi CMC Na 0,5% b/v, loperamid HCl dan ekstrak etanol kulit petai (EEKP)

* + - 1. feses berlendir

|  |  |  |
| --- | --- | --- |
| Perlakuan | Diameter feses (cm) | Berat feses  (g) |
| OR+CMC Na 0,5% b/v | 1,51 | 0,52 |
| OR+Loperamid HCl | 1,19 | 0,46 |
| OR+EEKP 200 mg/kg BB | 1,49 | 0,65 |
| OR+ EEKP 400 mg/kg BB | 0,96 | 0,55 |
| OR+EEKP 600 mg/kg BB | 0,96 | 0,51 |

* + - 1. feses lembek

|  |  |  |
| --- | --- | --- |
| Perlakuan | Diameter feses (cm) | Berat feses  (g) |
| OR+CMC Na 0,5% b/v | 0,11 | 0,47 |
| OR+Loperamid HCl | 0,94 | 0,54 |
| OR+EEKP 200 mg/kg BB | 1,09 | 0,42 |
| OR+ EEKP 400 mg/kg BB | 1,36 | 0,47 |
| OR+EEKP 600 mg/kg BB | 0,96 | 0,44 |

* + - 1. feses normal

|  |  |  |
| --- | --- | --- |
| Perlakuan | Diameter feses (cm) | Berat feses  (g) |
| OR+CMC Na 0,5% b/v | 0,31 | 0,31 |
| OR+Loperamid | 0,57 | 0,52 |
| OR+EEDA 200 mg/kg BB | 0,85 | 0,44 |
| OR+ EEDA 400 mg/kg BB | 0,81 | 0,41 |
| OR+EEDA 600 mg/kg BB | 0,88 | 0,42 |

Keterangan :

OR : Oleum Ricini

EEKP : Ekstrak Etanol Kulit Petai

Lampiran 17. Hasil pengamatan mengenai frekuensi diare dan lama terjadinya diare pada mencit yang telah diinduksi oleum ricini setelah pemberian suspensi CMC Na 0,5 % b/v, suspensi loperamid HCl dan suspensi ekstrak etanol kulit petai (EEKP)

1. Pengamatan frekuensi diare

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | Hewan | | | | | | Jumlah | Rata-rata |
| 1 | 2 | 3 | 4 | 5 | 6 |
| OR + CMC Na 0,5% b/v | 6 | 6 | 7 | 6 | 8 | 5 | 38 | 6,3 |
| OR + Loperamid HCl | 6 | 7 | 5 | 4 | 5 | 4 | 31 | 3,5 |
| OR + EKKP 200 mg/kg BB | 7 | 7 | 4 | 5 | 5 | 4 | 32 | 5,3 |
| OR + EEKP 400 mg/kg BB | 4 | 5 | 5 | 7 | 7 | 4 | 32 | 5,3 |
| OR + EEKP 600 mg/kg BB | 5 | 4 | 7 | 7 | 4 | 5 | 32 | 5,3 |

1. Pengamatan lama terjadinya diare setelah pemberian oleum ricini

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | Hewan | | | | | | Jumlah | Rata-rata |
| 1 | 2 | 3 | 4 | 5 | 6 |
| T2-T1 | T2-T1 | T2-T1 | T2-T1 | T2-T1 | T2-T1 |
| OR+ CMC Na 0,5% b/v | 246 | 234 | 270 | 271 | 260 | 242 | 1,522 | 253,8 |
| OR+ Loperamid | 198 | 125 | 140 | 182 | 179 | 172 | 996 | 166,1 |
| OR+ EEKP 200 mg/kg BB | 258 | 193 | 143 | 235 | 304 | 109 | 1242 | 207 |
| OR+ EEKP 400 mg/kg BB | 197 | 126 | 138 | 180 | 175 | 174 | 989 | 165 |
| OR+ EEKP 600 mg/kg BB | 118 | 140 | 111 | 142 | 118 | 121 | 751 | 125,3 |

Keterangan :

OR : Oleum Ricini

EEKP : Ekstrak Etanol Kulit Petai

T1 : Waktu pertama

T2 : Waktu kedua

Lampiran 18. Hasil statistik ANOVA (*Analysis Of Variance*)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| saat terjadinya diare | Between Groups | .353 | 4 | .088 | 7.948 | .000 |
| Within Groups | .278 | 25 | .011 |  |  |
| Total | .631 | 29 |  |  |  |
| berat feses berlendir | Between Groups | 1.775 | 4 | .444 | 3.395 | .004 |
| Within Groups | 3.267 | 25 | .131 |  |  |
| Total | 5.042 | 29 |  |  |  |
| berat feses lembek | Between Groups | 5.245 | 4 | 1.311 | 15.688 | .000 |
| Within Groups | 2.089 | 25 | .084 |  |  |
| Total | 7.334 | 29 |  |  |  |
| berat feses normal | Between Groups | 1.394 | 4 | .349 | 1.763 | .006 |
| Within Groups | 4.944 | 25 | .198 |  |  |
| Total | 6.338 | 29 |  |  |  |
| diameter berlendir | Between Groups | .124 | 4 | .031 | 2.365 | .000 |
| Within Groups | .328 | 25 | .013 |  |  |
| Total | .452 | 29 |  |  |  |
| diameter lembek | Between Groups | .051 | 4 | .013 | .265 | .005 |
| Within Groups | 1.199 | 25 | .048 |  |  |
| Total | 1.250 | 29 |  |  |  |
| diameter normal | Between Groups | .140 | 4 | .035 | 2.471 | .007 |
| Within Groups | .354 | 25 | .014 |  |  |
| Total | .494 | 29 |  |  |  |
| frekuensi diare | Between Groups | 5.133 | 4 | 1.283 | 5.066 | .004 |
| Within Groups | 6.333 | 25 | .253 |  |  |
| Total | 11.467 | 29 |  |  |  |
| lama terjadinya diare | Between Groups | 57150.467 | 4 | 14287.617 | 9.740 | .000 |
| Within Groups | 36673.000 | 25 | 1466.920 |  |  |
| Total | 93823.467 | 29 |  |  |  |

Lampiran 19. Hasil deskriptif data

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | | |
|  | | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Min | Max |
| Lower Bound | Upper Bound |
| 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| saat terjadinya diare | CMC Na 0.5% | 6 | 70.6 | .07607 | .03106 | .6268 | .7865 | .62 | .82 |
| Loperamid HCL 0.05 % | 6 | 1.02 | .10545 | .04305 | .9093 | 1.1307 | .92 | 1.17 |
| Dosis 200 mg/kg BB | 6 | 89 | .11815 | .04824 | .7660 | 1.0140 | .75 | 1.10 |
| Dosis 400 mg/kg BB | 6 | 76.5 | .09915 | .04048 | .6610 | .8690 | .63 | .85 |
| Dosis 600 mg/kg BB | 6 | 87.5 | .12194 | .04978 | .7470 | 1.0030 | .70 | 1.04 |
| Total | 30 | 1.061 | .14753 | .02693 | .7962 | .9064 | .62 | 1.17 |
| berat feses berlendir | CMC Na 0.5% | 6 | .5250 | .06473 | .02643 | .4571 | .5929 | .44 | .61 |
| Loperamid HCL | 6 | .4617 | .06676 | .02725 | .3916 | .5317 | .37 | .54 |
| Dosis 200 mg/kg BB | 6 | .6567 | .15971 | .06520 | .4891 | .8243 | .51 | .88 |
| Dosis 400 mg/kg BB | 6 | .5583 | .09827 | .04012 | .4552 | .6615 | .47 | .74 |
| Dosis mg/kg BB sis 600 | 6 | .5183 | .14770 | .06030 | .3633 | .6733 | .38 | .80 |
| Total | 30 | .5440 | .12489 | .02280 | .4974 | .5906 | .37 | .88 |
| berat feses lembek | CMC Na 0.5% | 6 | .4717 | .07653 | .03124 | .3914 | .5520 | .39 | .61 |
| Loperamid HCL | 6 | .5433 | .09993 | .04080 | .4385 | .6482 | .43 | .70 |
| Dosis 200 mg/kg BB | 6 | .4200 | .45865 | .18724 | .0613 | .9013 | .42 | .94 |
| Dosis 400 mg/kg BB | 6 | .4783 | .07305 | .02982 | .4017 | .5550 | .38 | .57 |
| Dosis 600 mg/kg BB | 6 | .4467 | .09070 | .03703 | .3515 | .5419 | .38 | .60 |
| Total | 30 |  | .20759 | .03790 | .3945 | .5495 | .42 | .94 |
| 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| berat feses normal | CMC Na 0.5% | 6 | .3100 | .16923 | .06909 | .1324 | .4876 | .00 | .49 |
| Loperamid HCL | 6 | .5233 | .16801 | .06859 | .3470 | .6996 | .35 | .80 |
| Dosis 200 mg/kg BB | 6 | .4417 | .09239 | .03772 | .3447 | .5386 | .35 | .58 |
| Dosis 400 mg/kg BB | 6 | .4117 | .04579 | .01869 | .3636 | .4597 | .35 | .47 |
| Dosis 600 mg/kg BB | 6 | .4267 | .05750 | .02348 | .3663 | .4870 | .35 | .52 |
| Total | 30 | .4227 | .13051 | .02383 | .3739 | .4714 | .00 | .80 |
| diameter berlendir | CMC Na 0.5% | 6 | 1.5133 | .66075 | .26975 | .8199 | 2.2067 | .93 | 2.36 |
| Loperamid HCL | 6 | 1.1933 | .15718 | .06417 | 1.0284 | 1.3583 | 1.00 | 1.33 |
| Dosis 200 mg/kg BB | 6 | 1.4967 | .22142 | .09039 | 1.2643 | 1.7290 | 1.20 | 1.87 |
| dosis 400 mg/kg BB | 6 | .9650 | .17649 | .07205 | .7798 | 1.1502 | .66 | 1.20 |
| Dosis 600 mg/kg BB | 6 | .9600 | .33454 | .13658 | .6089 | 1.3111 | .51 | 1.431 |
| Total | 30 | 1.2257 | .41695 | .07612 | 1.0700 | 1.3814 | .51 | 2.36 |
| diameter lembek | CMC Na 0.5% | 6 | .1167 | .28577 | .11667 | -.1832 | .4166 | .00 | .70 |
| Loperamid HCL | 6 | .9400 | .20367 | .08315 | .7263 | 1.1537 | .65 | 1.23 |
| Dosis 200 mg/kg BB | 6 | 1.0917 | .24983 | .10199 | .8295 | 1.3539 | .70 | 1.30 |
| dosis 400 mg/kg BB | 6 | 1.3667 | .40208 | .16415 | .9447 | 1.7886 | .70 | 1.95 |
| Dosis 600 mg/kg BB | 6 | .9667 | .26583 | .10853 | .6877 | 1.2456 | .60 | 1.20 |
| Total | 30 | .8963 | .50289 | .09182 | .7086 | 1.0841 | .00 | 1.95 |
| diameter normal | CMC Na 0.5% | 6 | .3167 | .77567 | .31667 | -.4974 | 1.1307 | .00 | 1.90 |
| Loperamid HCL | 6 | .5717 | .31752 | .12963 | .2385 | .9049 | .30 | 1.20 |
| Dosis 200 mg/kg BB | 6 | .8500 | .31464 | .12845 | .5198 | 1.1802 | .50 | 1.30 |
| dosis 400 mg/kg BB | 6 | .8167 | .40702 | .16617 | .3895 | 1.2438 | .30 | 1.30 |
| Dosis 600 mg/kg BB | 6 | .8833 | .14720 | .06009 | .7289 | 1.0378 | .70 | 1.00 |
| Total | 30 | .6877 | .46751 | .08535 | .5131 | .8622 | .00 | 1.90 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| frekuensi diare | CMC Na 0,5% | 6 | 6.33 | .516 | .211 | 5.79 | 6.88 | 6 | 7 |
| Loperamid HCL | 6 | 5.17 | .408 | .167 | 4.74 | 5.60 | 5 | 6 |
| Dosis 200 | 6 | 5.50 | .548 | .224 | 4.93 | 6.07 | 5 | 6 |
| Dosis 400 | 6 | 5.33 | .516 | .211 | 4.79 | 5.88 | 5 | 6 |
| Dosis 600 | 6 | 5.33 | .516 | .211 | 4.79 | 5.88 | 5 | 6 |
| Total | 30 | 5.53 | .629 | .115 | 5.30 | 5.77 | 5 | 7 |
| lama terjadinya diare | CMC Na 0,5% | 6 | 253.83 | 26.339 | 10.753 | 226.19 | 281.47 | 204 | 272 |
| Loperamid HCL | 6 | 166.17 | 56.333 | 22.998 | 107.05 | 225.28 | 107 | 264 |
| Dosis 200 | 6 | 207.00 | 56.232 | 22.956 | 147.99 | 266.01 | 143 | 304 |
| Dosis 400 | 6 | 165.00 | 11.967 | 4.885 | 152.44 | 177.56 | 148 | 182 |
| Dosis 600 | 6 | 125.33 | 12.738 | 5.200 | 111.97 | 138.70 | 111 | 142 |
| Total | 30 | 183.47 | 56.880 | 10.385 | 162.23 | 204.71 | 107 | 304 |

Lampiran 20 Hasil analisis statistik uji beda rata-rata Duncan

**1. Saat mulai terjadinya diare**

| **Saat terjadinya diare** | | | | |
| --- | --- | --- | --- | --- |
| Duncan |  |  |  |  |
| Kelompok | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| CMC Na 0.5% | 6 | 70.67 |  |  |
| EEKP dosis 400 mg/kg BB | 6 | 87.50 | 87.50 |  |
| EEKP dosis 600 mg/kg BB | 6 |  | 89.00 |  |
| EEKP dosis 200 mg/kg BB | 6 |  | 76.00 |  |
| Loperamid HCL 0.05% | 6 |  |  | 102.00 |
| Sig. |  | .347 | .062 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |

**2. Feses berat dan diameter feses**

1. Berat feses

* berat berlendir

| **Berat feses berlendir** | | | |
| --- | --- | --- | --- |
| Duncana | | | |
| Kelompok | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Loperamid HCL 0.05% | 6 | .4617 |  |
| Dosis 600 mg/kg BB | 6 | .5183 | .5183 |
| CMC Na 0.5% | 6 | .5250 | .5250 |
| Dosis 400 mg/kg BB | 6 | .5583 | .5583 |
| Dosis 200 mg/kg BB | 6 |  | .6567 |
| Sig. |  | .193 | .065 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | |

**Lampiran 20.** (lanjutan)

* berat lembek

| **Berat feses lembek** | | |
| --- | --- | --- |
| Duncana | | |
| Kelompok | N | Subset for alpha = 0.05 |
| 1 |
| Dosis 200 mg/kg BB | 6 | .4200 |
| Dosis 600 mg/kg BB | 6 | .4467 |
| CMC Na 0.5% | 6 | .4717 |
| Dosis 400 mg/kg BB | 6 | .4783 |
| Loperamid HCL 0.05% | 6 | .5433 |
| Sig. |  | .392 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | |

* berat normal

| **Berat feses normal** | | | |
| --- | --- | --- | --- |
| Duncana | | | |
| Kelompok | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| CMC Na 0.5% | 6 | .3100 |  |
| Dosis 400 mg/kg BB | 6 | .4117 | .4117 |
| Dosis 600 mg/kg BB | 6 | .4267 | .4267 |
| Dosis 200 mg/kg BB | 6 | .4417 | .4417 |
| Loperamid HCL 0.05% | 6 |  | .5233 |
| Sig. |  | .090 | .149 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | |

1. diameter feses

* diameter berlendir

| **Diameter berlendir** | | | |
| --- | --- | --- | --- |
| Duncana | | | |
| Kelompok | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Dosis 600 mg/kg BB | 6 | .9600 |  |
| dosis 400 mg/kg BB | 6 | .9650 |  |
| Loperamid HCL 0.05 % | 6 | 1.1933 | 1.1933 |
| Dosis 200 mg/kg BB | 6 |  | 1.4967 |
| CMC Na 0.5% | 6 |  | 1.5133 |
| Sig. |  | .302 | .159 |

**Lampiran 20.** (lanjutan)

* diameter lembek

| **Diameter lembek** | | | | |
| --- | --- | --- | --- | --- |
| Duncana | | | | |
| Kelompok | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| CMC Na 0.5% | 6 | .1167 |  |  |
| Loperamid HCL 0.05% | 6 |  | .9400 |  |
| Dosis 600 mg/kg BB | 6 |  | .9667 |  |
| Dosis 200 mg/kg BB | 6 |  | 1.0917 | 1.0917 |
| dosis 400 mg/kg BB | 6 |  |  | 1.3667 |
| Sig. |  | 1.000 | .400 | .112 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | | | |

* diameter normal

| **Diameter normal** | | |
| --- | --- | --- |
| Duncana | | |
| Kelompok | N | Subset for alpha = 0.05 |
| 1 |
| CMC Na 0.5% | 6 | .3167 |
| Loperamid HCL 0.05% | 6 | .5717 |
| dosis 400 mg/kg BB | 6 | .8167 |
| Dosis 200 mg/kg BB | 6 | .8500 |
| Dosis 600 mg/kg BB | 6 | .8833 |
| Sig. |  | .057 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 6.000. | | |

**Lampiran 20.** (lanjutan)

1. Frekuensi diare

| Duncan | **Frekuensi diare** | | | |
| --- | --- | --- | --- | --- |
| Kelompok | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| EEKP dosis 600 mg/kg BB | 6 | 4.6667 |  |  |
| Loperamid HCL 0.05% | 6 | 5.1667 | 5.1667 |  |
| EEKP dosis 400 mg/kg BB | 6 |  | 5.3333 |  |
| EEKP dosis 200 mg/kg BB | 6 |  | 5.6667 |  |
| CMC Na 0.5% | 6 |  |  | 7.3333 |
| Sig. |  | .093 | .111 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |

1. Lama terjadinya diare

| **lama terjadinya diare** | | | | |
| --- | --- | --- | --- | --- |
| Duncana | | | | |
| Kelompok | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| 5. Dosis 600 mg/kg BB | 6 | 125.33 |  |  |
| 4. Dosis 400 mg/kg BB | 6 | 165.00 | 165.00 |  |
| 2.Loperamid HCL | 6 | 166.17 | 166.17 |  |
| 3.Dosis 200 mg/kg BB | 6 |  | 207.00 |  |
| 1.CMC Na 0.5% | 6 |  |  | 253.83 |
| Sig. |  | .092 | .083 | 1.000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
|  | | | | |