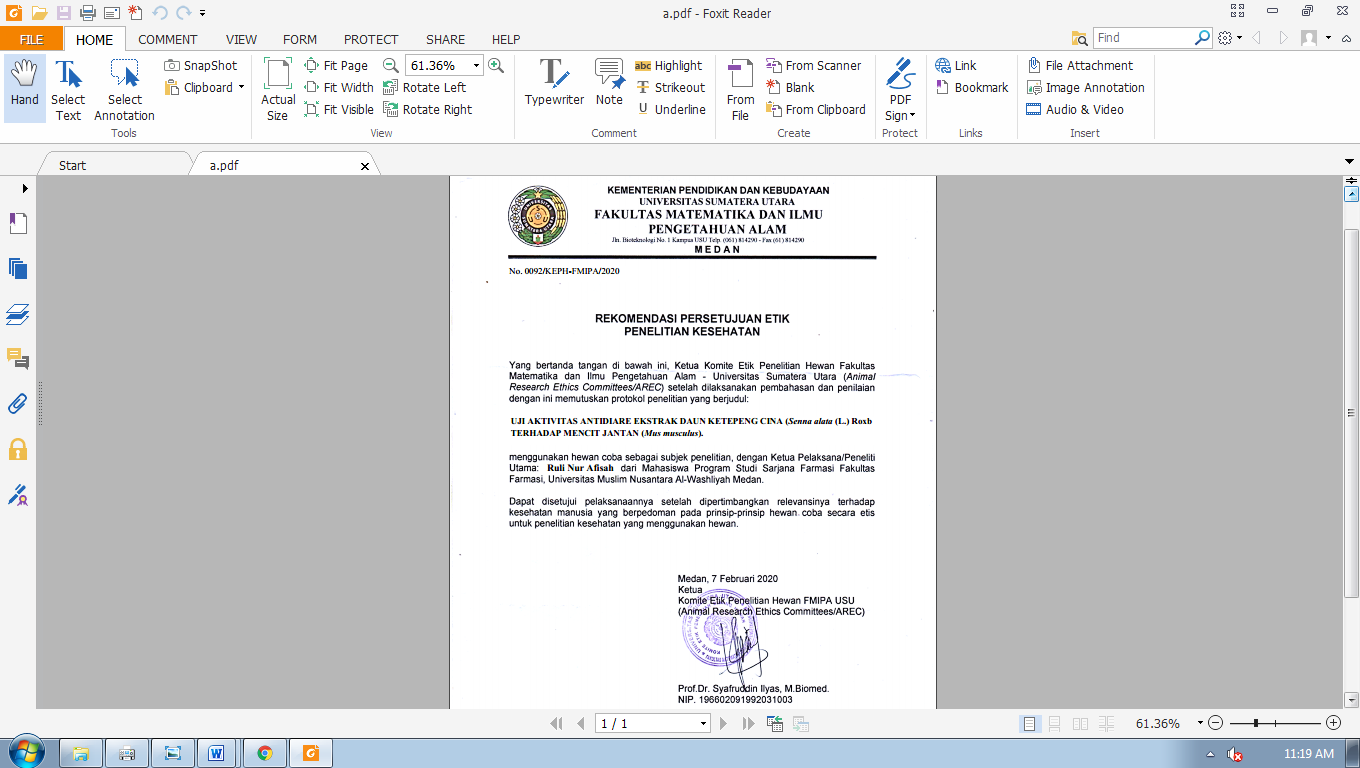
**Lampiran 1.** Hasil Identifikasi Tumbuhan.



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



**Lampiran 3.** Tumbuhan Ketepeng Cina ( *Senna alata* L*.)*





**Lampiran 4.** Makroskopik daun ketepng cina **(** *Senna Alata*L**.)**

****

**Lampiran 5** Mikroskopik daun ketepeng cina



1

3

2

1

Keterangan :

1. Parenkim

2. Berkas pembuluh

3. Serabut sklerenkim

**Lampiran 6.** Alat Rotary Evaporator



**Lampiran 7.** Mencit Saat Pengamatan



mencit Normal



Mencit dalam keadaan diare

**Lampiran 8.**  feses Mencit



Feses NormalFeses Lembek



feses Berlendir

**Lampiran 9.** Bagan Alir Skrining Fitokimia dan Karakterisasi

Simplisia Daun ketepeng cina 10 kg

Di bersihkan dari pengotor kemudian

Di cuci bersih dan di tiriskan

Simplisia Daun Ketepeng cina

kemudian di keringkan di lemari pengering

Di timbang

Simplisia Kering Daun Ketepeng cina 3kg

Di haluskan

Di timbang

Serbuk Simplisia Daun Ketepeng cina 2,7 kg

Dibuat Ekstrak

Karakterisasi

Skrining Fitokimia

Dimaserasi

Dengan Etanol 96%

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
8. Pemeriksaan alkaloid
9. Pemeriksaan flavonoid
10. Pemeriksaan Glikosida
11. Pemeriksaan Glikosida Antrakuinon
12. Pemeriksaan Saponin
13. Pemeriksaan Tanin
14. Pemeriksaan Steroid

maserat

Diuapkan dengan

Rotary evavorator

Ekstrak kental

Uji anti diare

SkriningFitokimia

Hasil

**Lampiran 10.** Bagan Alir Pembuatan Ekstrak Daun Ketepeng

500 g serbuk simplisia daun ketepeng cina

Dimasukkan kedalam bejana

Ditambahkan etanol 96%

Didiamkan selama 5 hari sambil diaduk

Disaring

Ampas

Maserat I

Dimasukkan dengan etanol 96%

Dimaserasi kembali selama 2 hari sambil diaduk

Disaring

Maserat II

Maserat daun Ketepeng

Diperlukan dengan rotary evaporator pada

suhu 60˚C Diuapkan dengan pen

Ekstrak daun Ketepeng cina

**Lampiran 11.** Bagan Pengujian Ekstrak pada Mencit

25 Ekor Mencit jantan putih

Di masukkan kedalam kandang yang bersih dan memiliki ventilasi yang baik

Diberi makan jagung dan diberi minum

Dikondisikan lebih kurang selama 2 minggu

30 Ekor Mencit jantan putih telah terkondisi dengan baik

Dikelompokkan menjadi 5 kelompok

Dipuasakan selama 18 Jam

Diinduksi Olium ricini secara oral

Didiamkan selama 1 jam

Kel. IV

(Diberi EDKC 100 mg/kg BB)

Kel. I

(Diberi CMC 0,5 % BB)

Kel.II

(Diberi diatab)

Kel . III

(Diberi EDKC 50 mg/kg BB)

Kel.V

(Diberi EDKC150 mg/kg BB)

Diamati dalam waktu 6 jam

Hasil uji antidiare

**Lampiran 12.** Perhitungan Hasil Pemeriksaan Penetapan Kadar Air Simplisia

|  |  |  |
| --- | --- | --- |
| Berat sampel | Volume awal | Volume akhir |
| 5,05 | 5,05 | 0,8 |
| 5,07 | 5,07 | 0,9 |
| 5,04 | 5,04 | 0,7 |

% Kadar air simplisia = x 100%

1. Berat simplisia I = 5 g

% Kadar air = x 100% = 6%

1. Berat simplisia II = 5 g

% Kadar air = x 100% = 3%

1. Berat simplisia III = 5 g

% Kadar air =  *x* 100% = 2

**Lampiran 13.** Perhitungan Hasil Pemeriksaan Penetapan Kadar Sari Larut Dalam

Air

|  |  |  |  |
| --- | --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi | Berat sari |
| 5 g | 57,47 g | 75,43 g | 56,89 g |
| 5 g | 65,22g | 82,80 g | 64,35 g |
| 5 g | 50,75 g | 64,08 g | 50,80 g |

% Kadar sari larut dalam air = x 100%

1. Berat simplisia I = 5 g

% Kadar sari larut dalam air = x 100% = 13 %

1. Berat simplisia I I = 5 g

% Kadar sari larut dalam air = x 100% = 12 %

1. Berat simplisia I II = 5 g

% Kadar sari larut dalam air = x 100% = 15 %

% Kadar sari dalam air rata-rata =  **=** 13,3

**Lampiran 14.** Perhitungan Hasil Pemeriksaan Penetapan Kadar Sari Larut Dalam

Etanol

|  |  |  |  |
| --- | --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi | Berat cawan kering |
| 5 g | 58,54 g | 72,60 g | 57,90 g |
| 5 g | 64,21 g | 78,67 g | 64,25 g |
| 5 g | 50,78 g | 64.74 g | 50,89 g |

% Kadar sari larut dalam etanol = x 100%

1. Berat simplisia I = 5 g

% Kadar sari larut etanol = x100% = 13%

1. Berat simplisia I I = 5 g

% Kadar sari larut etanol = x 100% = 12%

1. Berat simplisia I II = 5 g

% Kadar sari larut etanol = x 100% = 11%

= 12 %

**Lampiran 15.** Perhitungan Hasil Pemeriksaan Penetapan Kadar Abu Total

|  |  |
| --- | --- |
| Berat sampel | Berat abu |
| 2 g | 0,13 |
| 2 g | 0,05 |
| 2 g | 0,06 |

% Kadar abu total = x 100%

1. Berat simplisia I = 5 g

% Kadar abu total = x 100% = 6,5 %

1. Berat simplisia I I = 5 g

% Kadar abu total = x 100% = 2,5 %

1. Berat simplisia I II = 5 g

% Kadar abu total = x 100% = 3 %

% Kadar abu total rata-rata = = 4 %

**Lampiran 16.** Perhitungan Hasil Pemeriksaan Penetapan Kadar Abu Tidak Larut

dalam Asam

|  |  |
| --- | --- |
| Berat sampel | Berat abu |
| 2 g | 0,03 g |
| 2 g | 0,02 g |
| 2 g | 0,03 g |

% Kadar abu tidak larut asam = x 100%

1. Berat simplisia I = 5 g

% Kadar abu tidak larut asam = x 100% = 0,1,5 %

1. Berat simplisia I I = 5 g

% Kadar abu tidak larut asam = x 100% = 1 %

1. Berat simplisia I II = 5 g

% Kadar abu tidak larut asam = x 100% = 1,5 %

% Kadar abu tidak larut asam rata-rata = = 1,3 %

**Lampiran 17**.Perhitungan Dosis Diatab®

1. Dosis diatab®

Konversi dosis manusia ke dosis mencit

Dosis lazim diatab pada manusia 600mg

Manusia = 70kg ke mencit 20gr = 0,0026

Dosis terapi ke mencit:

Dosis terapi manusia X 0,0026

= 600mg X 0,0026 = 1,56mg

= X 1,56 = 78mg/kg BB

Pada konsentrasi 1%

= 1mg/100ml = 10mg/ml

dosis mencit 35gr = X 35gr = 2,73mg

volume = =

= 0,734ml

1. Perhitungan dosis Volume Pemberian Suspensi EDKC

Konsentrasi EDKC = 1% =

Maka untuk membuat suspensi EDKC dengan konsentrasi 1% sebanyak 10ml, EDKC yang diambil sebanyak

1. Dosis EDKC 50mg/kg BB

Volume pemberian suspensi EDKC 50 mg/kg BB:

Jika berat badan mencit 30 g, maka EDKC yang diberikan tiap mencit sebanyak

30g

= X 50 mg = 1,5 mg

1000 g

1,5 mg

Maka, volume yang diberikan = = 0,15 ml

10mg/ml

1. Dosis EDKC 100mg/kg BB

Volume pemberian suspensi EDKC 100 mg/kg BB:

Jika berat badan mencit 30 g, maka EDKC yang diberikan tiap mencit sebanyak

30g

= X 100 mg = 3 mg

1000 g

3 mg

Maka, volume yang diberikan = = 0,3 ml

10mg/ml

1. Dosis EDKC150mg/kgBB

Volume pemberian suspensi EDKC 150 mg/kg BB:

Jika berat badan mencit 30 g, maka EDKC yang diberikan tiap mencit sebanyak

30 g

= X 150 mg = 4,5 mg

1000 g

4,5 mg

Maka, volume yang diberikan = = 0,45 ml

10mg/ml

**Lampiran 18.** Tabel Konversi Antara Jenis Hewan Dengan Manusia (Harmita dan Radji, 2008)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 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 19.** Volume Maksimum Sediaan Uji Yang Diberikan Pada Hewan Uji (Harmita dan Radji, 2008).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 (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 20**. Hasil Pengamatan Mulai Terjadi Diare yang Diinduksi *olium*

*ricini* Setelah Pemberian Kontrol Positif, Kontrol Negatif dan

Ekstrak Daun Ketepeng cina

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |
|
| Perlakuan | Mulai diare  (menit ke) | | | | | Jumlah | Rata- Rata  (menit ) |
| 1 | 2 | 3 | 4 | 5 |  |  |
| OR+ CMC 0,5 % | 60 | 60 | 65 | 70 | 70 | 325 | 65 |
| OR +Diatap® | 110 | 130 | 130 | 130 | 135 | 635 | 127 |
| OR+ EDKC 50 mg/kg BB | 70 | 75 | 80 | 80 | 80 | 385 | 77 |
| OR+ EDKC 100 mg/kg BB | 110 | 110 | 125 | 130 | 130 | 605 | 121 |
| OR+ EDKC 150 mg/ kg BB | 110 | 130 | 135 | 140 | 140 | 655 | 131 |

OR : Oleum ricini

EDKC : Ekstrak Daun Ketepeng Cina

**Lampiran 21.** Hasil Pengamatan Konsistensi Feses (berlendir, lembek, normal) Meliputi Diameter Serapan dan Berat Feses Setelah Pemberian Kontrol Positif, Kontrol Negatif dan Ekstrak Daun ketepeng cina

* + - 1. Konsistensi Feses Berlendir

|  |  |  |
| --- | --- | --- |
| Perlakuan | Diameter serapan air (cm) | Berat feses  (g) |
| OR+ CMC 0,5% | 1,28 | 0,24 |
| OR+ Diatab® 600 mg | 1,23 | 0,25 |
| OR+ EDKC 50 mg/kg BB | 1,57 | 0,22 |
| OR+ EDKC 100 mg/kg BB | 1,32 | 0,21 |
| OR+ EDKC 150 mg/kg BB | 1,43 | 0,22 |

2. Konsistensi Feses Lembek

|  |  |  |
| --- | --- | --- |
| Perlakuan | Diameter serapan air (cm) | Berat feses  (g) |
| OR+ CMC 0,5 % | 1,62 | 0,18 |
| OR+ Diatab® 600 mg | 1,86 | 0,19 |
| OR+ EDKC 50 mg/kg BB | 1,96 | 0,18 |
| OR+ EDKC 100 mg/kg BB | 1,32 | 0,22 |
| OR+ EDKC 150 mg/kg BB | 0,92 | 0,21 |

1. Konsistensi Feses Normal

|  |  |  |
| --- | --- | --- |
| Perlakuan | Diameter serapan air (cm) | Berat feses  (g) |
| OR+ CMC 0,5% | 1,28 | 0,09 |
| OR+ Diatab® 600 mg | 1,23 | 0,12 |
| OR+ EDKC 50 mg/kg BB | 1,57 | 0,15 |
| OR+ EDKC 100 mg/kg BB | 1,32 | 0,13 |
| OR+ EDKC 200 mg/kg BB | 1,43 | 0,11 |

**Lampiran 22.** Hasil Pengamatan Frekuensi Diare dan Lama Terjadinya Diare pada Mencit yang Telah Diinduksi *Oleum ricini* Setelah Pemberian Kontrol Negatif, Kontrol Positif dan Ekstrak Daunketepeng cina

1. Pengamatan Frekuensi Diare

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Perlakuan | Hewan | | | | | Jumlah | Rata- Rata |
| 1 | 2 | 3 | 4 | 5 |  |  |
| OR+CMC 0,5% BB | 7 | 7 | 8 | 7 | 7 | 36 | 7,2 |
| OR+Diatab ® | 4 | 4 | 3 | 3 | 3 | 17 | 3,4 |
| OR+EDKC 50 mg/kg BB | 6 | 6 | 6 | 6 | 4 | 28 | 5,6 |
| OR+ EDKC 100 mg/kg BB | 4 | 4 | 4 | 3 | 3 | 18 | 3,6 |
| OR+ EDKC 150 mg/ kg BB | 3 | 3 | 3 | 3 | 2 | 14 | 2,8 |

1. Pengamatan Lama Terjadinya Diare Setelah Pemberian *Oleum ricini*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |
| Perlakuan | Hewan | | | | | Jumlah | Rata- Rata |
| I | 2 | 3 | 4 | 5 |  |  |
| T2-T1 | T2-T1 | T2-T1 | T2-T1 | T2-T1 |  |  |
| CMC 0,5 % | 265 | 245 | 271 | 266 | 271 | 1318 | 263.6 |
| OR+ Diatab® | 155 | 135 | 174 | 102 | 95 | 661 | 132.2 |
| OR + 50 Mg/ Kg BB | 184 | 176 | 306 | 231 | 195 | 1092 | 218.4 |
| OR+ EDKC 100 Mg/Kg BB | 136 | 128 | 100 | 147 | `148 | 511 | 127.75 |
| OR+EDKC 150 Mg/ Kg BB | 89 | 122 | 55 | 75 | 81 | 422 | 84.4 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lampiran 23**. Hasil Deskriptif Data | | | | | | | | | | | | | | | |
| **Descriptives** | | | | | | | | | | | | | | | |
|  | N | Mean | | Std. Deviation | | Std. Error | | 95% Confidence Interval for Mean | | | | Minimum | | Maximum | |
| Lower Bound | | Upper Bound | |
| CMC 0,5 % | 5 | 65.0000 | | 5.00000 | | 2.23607 | | 58.7917 | | 71.2083 | | 60.00 | | 70.00 | |
| DIATAB® 600 mg | 5 | 127.0000 | | 9.74679 | | 4.35890 | | 114.8978 | | 139.1022 | | 110.00 | | 135.00 | |
| EDKC 50 mg/kg BB | 5 | 77.0000 | | 4.47214 | | 2.00000 | | 71.4471 | | 82.5529 | | 70.00 | | 80.00 | |
| EDKC 100 mg/kg BB | 5 | 121.0000 | | 10.24695 | | 4.58258 | | 108.2767 | | 133.7233 | | 110.00 | | 130.00 | |
| EDKC 150 kg/mg BB | 5 | 131.0000 | | 12.44990 | | 5.56776 | | 115.5414 | | 146.4586 | | 110.00 | | 140.00 | |
| Total | 25 | 104.2000 | | 29.28595 | | 5.85719 | | 92.1114 | | 116.2886 | | 60.00 | | 140.00 | |
| **Descriptives** | | | | | | | | | | | | | | |
| BERAT FESES BERLENDIR | | | | | | | | | | | | | | |
|  | N | Mean | Std. Deviation | | Std. Error | | 95% Confidence Interval for Mean | | | | Minimum | | Maximum | |
| Lower Bound | | Upper Bound | |
| CMC 0,5 % | 5 | .2480 | .00837 | | .00374 | | .2376 | | .2584 | | .24 | | .26 | |
| DIATAB® 600 mg | 5 | .2520 | .01643 | | .00735 | | .2316 | | .2724 | | .23 | | .27 | |
| EDKC 50 mg/kg BB | 5 | .2260 | .02510 | | .01122 | | .1948 | | .2572 | | .19 | | .25 | |
| EDKC 100 mg/kg BB | 5 | .2160 | .03578 | | .01600 | | .1716 | | .2604 | | .18 | | .26 | |
| EDKC 150 kg/mg BB | 5 | .2240 | .04450 | | .01990 | | .1687 | | .2793 | | .17 | | .28 | |
| Total | 25 | .2332 | .03024 | | .00605 | | .2207 | | .2457 | | .17 | | .28 | |
|  |  |  |  | |  | |  | |  | |  | |  | |
| **Lampiran 23 (**Lanjutan)  **Descriptives** | | | | | | | | | | | | | | |
| BERAT FESES LEMBEK | | | | | | | | | | | | | | |
|  | N | Mean | Std. Deviation | | Std. Error | | 95% Confidence Interval for Mean | | | | Minimum | | Maximum | |
| Lower Bound | | Upper Bound | |
| CMC 0,5 % | 5 | .1840 | .05941 | | .02657 | | .1102 | | .2578 | | .12 | | .27 | |
| DIATAB® 600 mg | 5 | .1940 | .03975 | | .01778 | | .1446 | | .2434 | | .16 | | .25 | |
| EDKC 50 mg/kg BB | 5 | .1840 | .05683 | | .02542 | | .1134 | | .2546 | | .14 | | .26 | |
| EDKC 100 mg/kg BB | 5 | .2220 | .03493 | | .01562 | | .1786 | | .2654 | | .18 | | .26 | |
| EDKC 150 kg/mg BB | 5 | .2120 | .05070 | | .02267 | | .1491 | | .2749 | | .14 | | .26 | |
| Total | 25 | .1992 | .04760 | | .00952 | | .1796 | | .2188 | | .12 | | .27 | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| BERAT FESES NORMAL | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| CMC 0,5 % | 5 | .1220 | .06458 | .02888 | .0418 | .2022 | .06 | .23 |
| DIATAB® 600 mg | 5 | .1280 | .06380 | .02853 | .0488 | .2072 | .04 | .22 |
| EDKC 50 mg/kg BB | 5 | .1500 | .03742 | .01673 | .1035 | .1965 | .12 | .20 |
| EDKC 100 mg/kg BB | 5 | .1380 | .04817 | .02154 | .0782 | .1978 | .08 | .20 |
| EDKC 150 kg/mg BB | 5 | .1100 | .02550 | .01140 | .0783 | .1417 | .09 | .15 |
| Total | 25 | .1296 | .04791 | .00958 | .1098 | .1494 | .04 | .23 |
| **Lampiran 23 (**Lanjutan)  **Descriptives** | | | | | | | | |
| DIAMETER FESES BERLENDIR | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| CMC 0,5 % | 5 | 1.4500 | .05958 | .02665 | 1.3760 | 1.5240 | 1.40 | 1.55 |
| DIATAB® 600 mg | 5 | 1.2380 | .07855 | .03513 | 1.1405 | 1.3355 | 1.13 | 1.35 |
| EDKC 50 mg/kg BB | 5 | 1.5720 | .41560 | .18586 | 1.0560 | 2.0880 | 1.12 | 2.12 |
| EDKC 100 mg/kg BB | 5 | 1.3260 | .10526 | .04707 | 1.1953 | 1.4567 | 1.20 | 1.45 |
| EDKC 150 kg/mg BB | 5 | 1.4360 | .09864 | .04411 | 1.3135 | 1.5585 | 1.34 | 1.57 |
| Total | 25 | 1.4044 | .21776 | .04355 | 1.3145 | 1.4943 | 1.12 | 2.12 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| DIAMETER FESES LEMBEK | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| CMC 0,5 % | 5 | 1.6240 | .08989 | .04020 | 1.5124 | 1.7356 | 1.47 | 1.70 |
| DIATAB® 600 mg | 5 | 1.8640 | .15437 | .06904 | 1.6723 | 2.0557 | 1.74 | 2.13 |
| EDKC 50 mg/kg BB | 5 | 1.9640 | .03362 | .01503 | 1.9223 | 2.0057 | 1.92 | 2.01 |
| EDKC 100 mg/kg BB | 5 | 1.3220 | .14498 | .06484 | 1.1420 | 1.5020 | 1.14 | 1.48 |
| EDKC 150 kg/mg BB | 5 | .9280 | .20584 | .09205 | .6724 | 1.1836 | .65 | 1.12 |
| Total | 25 | 1.5404 | .40595 | .08119 | 1.3728 | 1.7080 | .65 | 2.13 |

**Lampiran 23 (**Lanjutan)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| DIAMETER FESES NORMAL | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| CMC 0,5 % | 5 | 1.6240 | .08989 | .04020 | 1.5124 | 1.7356 | 1.47 | 1.70 |
| DIATAB® 600 mg | 5 | 1.8640 | .15437 | .06904 | 1.6723 | 2.0557 | 1.74 | 2.13 |
| EDKC 50 mg/kg BB | 5 | 1.9640 | .03362 | .01503 | 1.9223 | 2.0057 | 1.92 | 2.01 |
| EDKC 100 mg/kg BB | 5 | 1.3220 | .14498 | .06484 | 1.1420 | 1.5020 | 1.14 | 1.48 |
| EDKC 150 kg/mg BB | 5 | .9280 | .20584 | .09205 | .6724 | 1.1836 | .65 | 1.12 |
| Total | 25 | 1.5404 | .40595 | .08119 | 1.3728 | 1.7080 | .65 | 2.13 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| Frekuensi diare | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| CMC 0,5 % | 5 | 7.2000 | .44721 | .20000 | 6.6447 | 7.7553 | 7.00 | 8.00 |
| DIATAB® 600 mg | 5 | 3.4000 | .54772 | .24495 | 2.7199 | 4.0801 | 3.00 | 4.00 |
| EDKC 50 mg/kg BB | 5 | 5.6000 | .89443 | .40000 | 4.4894 | 6.7106 | 4.00 | 6.00 |
| EDKC 100 mg/kg BB | 5 | 3.4000 | .54772 | .24495 | 2.7199 | 4.0801 | 3.00 | 4.00 |
| EDKC 150 kg/mg BB | 5 | 2.8000 | .44721 | .20000 | 2.2447 | 3.3553 | 2.00 | 3.00 |
| Total | 25 | 4.4800 | 1.78232 | .35646 | 3.7443 | 5.2157 | 2.00 | 8.00 |

**Lampiran 23 (**Lanjutan)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| Lama Waktu Terjadinya Diare | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| CMC 0,5 % | 5 | 263.6000 | 10.76104 | 4.81248 | 250.2384 | 276.9616 | 245.00 | 271.00 |
| DIATAB® 600 mg | 5 | 132.2000 | 33.80385 | 15.11754 | 90.2270 | 174.1730 | 95.00 | 174.00 |
| EDKC 50 mg/kg BB | 5 | 218.2000 | 52.88383 | 23.65037 | 152.5360 | 283.8640 | 176.00 | 305.00 |
| EDKC 100 mg/kg BB | 5 | 131.8000 | 19.60102 | 8.76584 | 107.4621 | 156.1379 | 100.00 | 148.00 |
| EDKC 150 kg/mg BB | 5 | 84.4000 | 24.49081 | 10.95263 | 53.9906 | 114.8094 | 55.00 | 122.00 |
| Total | 25 | 166.0400 | 72.53245 | 14.50649 | 136.1001 | 195.9799 | 55.00 | 305.00 |



**Lampiran 24.** Hasil Analisis Statistik Menggunakan SPSS Dengan Metode Anova

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| Waktu Mulai Terjadinya Diare | | | | | |
|  | Sum of Squares | Df | Mean Square | F | Sig. |
| Between Groups | 18984.000 | 4 | 4746.000 | 59.325 | .000 |
| Within Groups | 1600.000 | 20 | 80.000 |  |  |
| Total | 20584.000 | 24 |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| BERAT FESES BERLENDIR | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | .005 | 4 | .001 | 1.485 | .244 |
| Within Groups | .017 | 20 | .001 |  |  |
| Total | .022 | 24 |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| BERAT FESES LEMBEK | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | .006 | 4 | .001 | .604 | .664 |
| Within Groups | .049 | 20 | .002 |  |  |
| Total | .054 | 24 |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| BERAT FESES NORMAL | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | .005 | 4 | .001 | .462 | .763 |
| Within Groups | .050 | 20 | .003 |  |  |
| Total | .055 | 24 |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| DIAMETER FESES BERLENDIR | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | .325 | 4 | .081 | 1.999 | .134 |
| Within Groups | .813 | 20 | .041 |  |  |
| Total | 1.138 | 24 |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lampiran 24 ( Lanjutan )**  **ANOVA** | | | | | | | | | | | |
| DIAMETER FESES LEMBEK | | | | | | | | | | | |
|  | | Sum of Squares | | df | | Mean Square | | F | | Sig. | |
| Between Groups | | 3.569 | | 4 | | .892 | | 46.269 | | .000 | |
| Within Groups | | .386 | | 20 | | .019 | |  | |  | |
| Total | | 3.955 | | 24 | |  | |  | |  | |
| **ANOVA** | | | | | | | | | | | |
| DIAMETER FASES NORMAL | | | | | | | | | | | |
|  | | Sum of Squares | | Df | | Mean Square | | F | | Sig. | |
| Between Groups | | .054 | | 4 | | .014 | | .872 | | .498 | |
| Within Groups | | .312 | | 20 | | .016 | |  | |  | |
| Total | | .366 | | 24 | |  | |  | |  | |
| **ANOVA** | | | | | | | | | | | |
| Frekuensi diare | | | | | | | | | | | |
|  | | Sum of Squares | | df | | Mean Square | | F | | Sig. | |
| Between Groups | | 69.040 | | 4 | | 17.260 | | 47.944 | | .000 | |
| Within Groups | | 7.200 | | 20 | | .360 | |  | |  | |
| Total | | 76.240 | | 24 | |  | |  | |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| Lama Waktu Terjadinya Diare | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 106106.160 | 4 | 26526.540 | 26.320 | .000 |
| Within Groups | 20156.800 | 20 | 1007.840 |  |  |
| Total | 126262.960 | 24 |  |  |  |

**Lampiran 25**. Hasil Analisis Statistik Menggunakan SPSS Dengan Metode Tukey

|  |  |  |  |
| --- | --- | --- | --- |
| **Waktu Mulai Terjadinya Diare** | | | |
| Tukey HSD | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| CMC 0,5 % | 5 | 65.0000 |  |
| EDKC 50 mg/kg BB | 5 | 77.0000 |  |
| EDKC 100 mg/kg BB | 5 |  | 121.0000 |
| DIATAB® 600 mg | 5 |  | 127.0000 |
| EDKC 150 kg/mg BB | 5 |  | 131.0000 |
| Sig. |  | .250 | .418 |

|  |  |  |
| --- | --- | --- |
| **BERAT FESES BERLENDIR** | | |
| Tukey HSD | | |
| PERLAKUAN | N | Subset for alpha = 0.05 |
| 1 |
| EDKC 100 mg/kg BB | 5 | .2160 |
| EDKC 150 kg/mg BB | 5 | .2240 |
| EDKC 50 mg/kg BB | 5 | .2260 |
| CMC 0,5 % | 5 | .2480 |
| DIATAB® 600 mg | 5 | .2520 |
| Sig. |  | .322 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DIAMETER FESES LEMBEK** | | | | | | |
| Tukey HSD | | | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | | | |
| 1 | 2 | | 3 | 4 |
| EDKC 150 kg/mg BB | 5 | .9280 |  | |  |  |
| EDKC 100 mg/kg BB | 5 |  | 1.3220 | |  |  |
| CMC 0,5 % | 5 |  |  | | 1.6240 |  |
| DIATAB® 600 mg | 5 |  |  | | 1.8640 | 1.8640 |
| EDKC 50 mg/kg BB | 5 |  |  | |  | 1.9640 |
| Sig. |  | 1.000 | 1.000 | | .084 | .785 |
| **DIAMETER FESES NORMAL** | | | |
| Tukey HSD | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | |
| 1 | |
| EDKC 150 kg/mg BB | 5 | .2600 | |
| EDKC 50 mg/kg BB | 5 | .2600 | |
| DIATAB® 600 mg | 5 | .3200 | |
| CMC 0,5 % | 5 | .3400 | |
| EDKC 100 mg/kg BB | 5 | .3800 | |
| Sig. |  | .563 | |

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| --- | --- | --- | --- | --- |
| **Frekuensi diare** | | | | |
| Tukey HSD | | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| EDKC 150 kg/mg BB | 5 | 2.8000 |  |  |
| DIATAB® 600 mg | 5 | 3.4000 |  |  |
| EDKC 100 mg/kg BB | 5 | 3.4000 |  |  |
| EDKC 50 mg/kg BB | 5 |  | 5.6000 |  |
| CMC 0,5 % | 5 |  |  | 7.2000 |
|  |  |  |  |  |
|  |  |  |  |  |
| Sig. |  | .525 | 1.000 | 1.000 |
|  | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Lama Terjadinya Diare** | | | |
| Tukey HSD | | | |
| PERLAKUAN | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| EDKC 150 kg/mg BB | 5 | 84.4000 |  |
| EDKC 100 mg/kg BB | 5 | 131.8000 |  |
| DIATAB® 600 mg | 5 | 132.2000 |  |
| EDKC 50 mg/kg BB | 5 |  | 218.2000 |
| CMC 0,5 % | 5 |  | 263.6000 |
| Sig. |  | .162 | .199 |