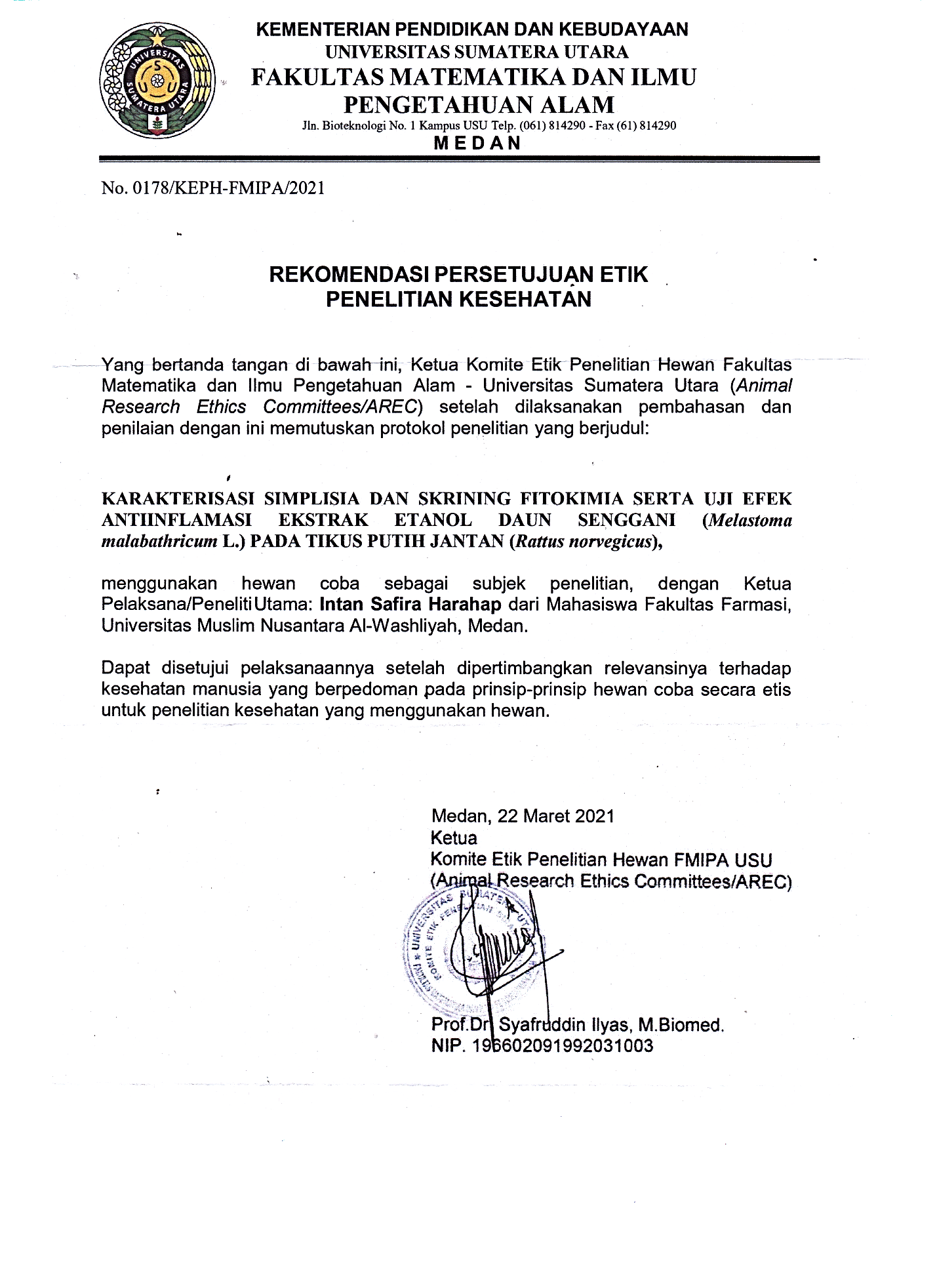
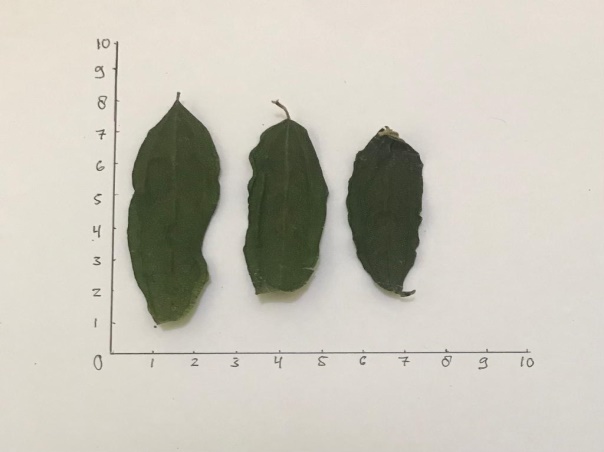
**Lampiran 1**. Surat Determinasi



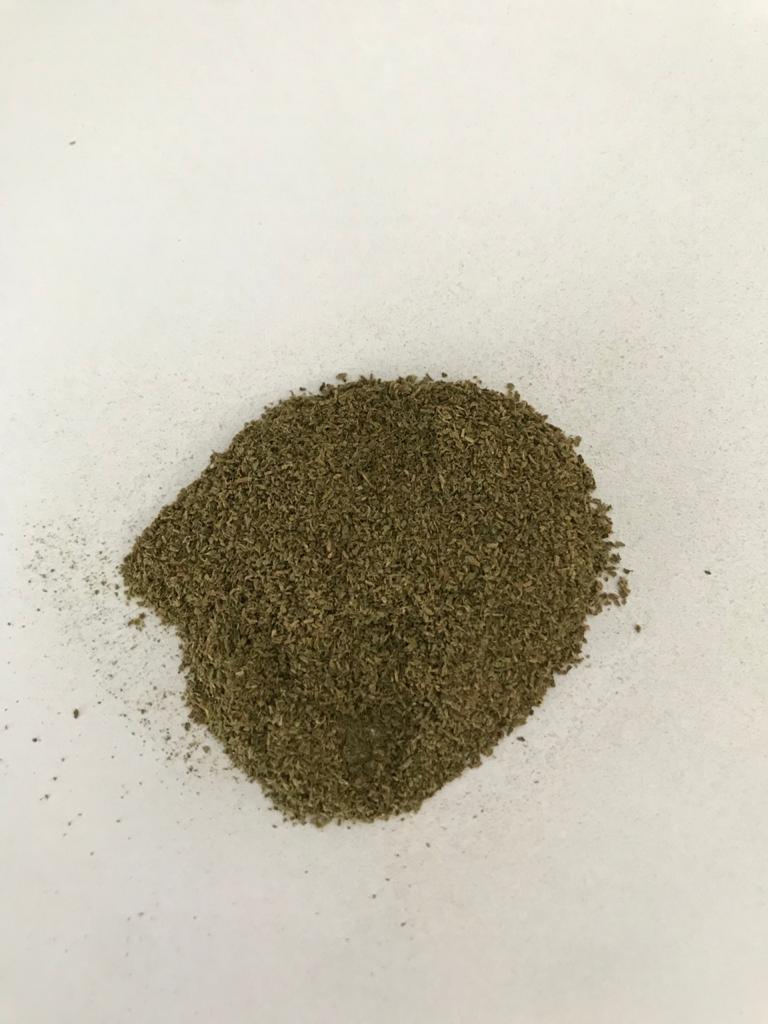
**Lampiran 2**. Etichal Clearance



**Lampiran 3**. Simplisia Daun Senggani, Serbuk Daun Senggani, Ekstrak Etanol Daun Senggani



a. Simplisia Daun Senggani (Melastoma Folium)



c. Serbuk Simplisia Daun Senggani d. Ekstrak Etanol Daun Senggani

**Lampiran 4.** Rotary evaporator

****

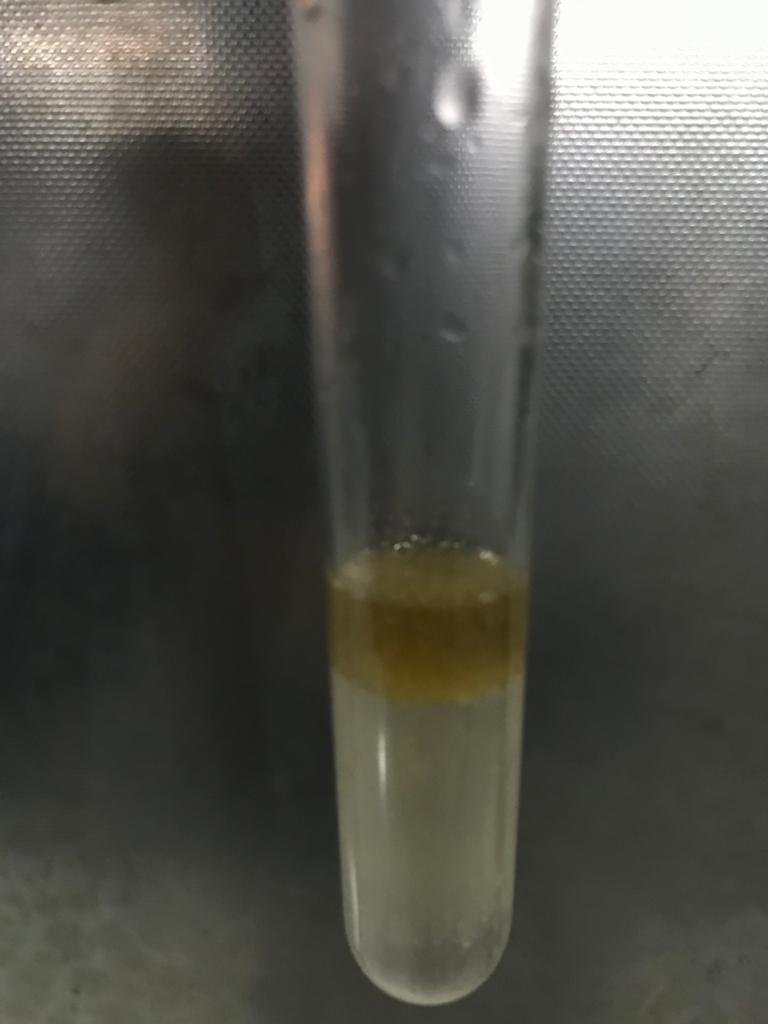
**Lampiran 5.** Proses Maserasi



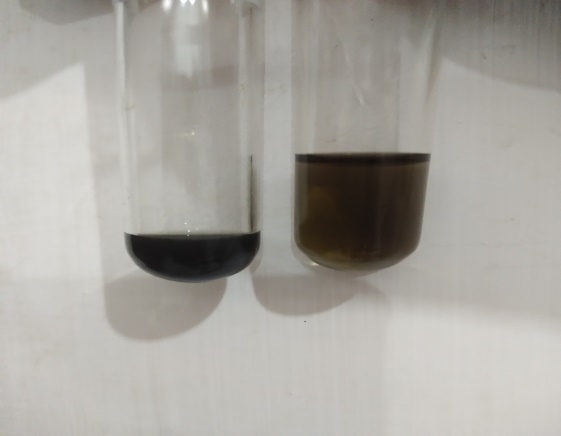
**Lampiran 6**. Hasil Skrining Fitokimia

a. Hasil Skrining Alkaloid Serbuk Simplisia b. Hasil Skrining Alkaloid Ekstrak Etanol Daun Senggani Daun Senggani

c. Hasil Skrining Flavonoid Serbuk Simplisia d. Hasil Skrining Flavonoid Ekstrak Etanol Daun Senggani Daun Senggani



h. Hasil Skrining Tanin Serbuk Simplisia

Dan Ekstrak Etanol Daun Senggani

**Lampiran 6.** Lanjutan

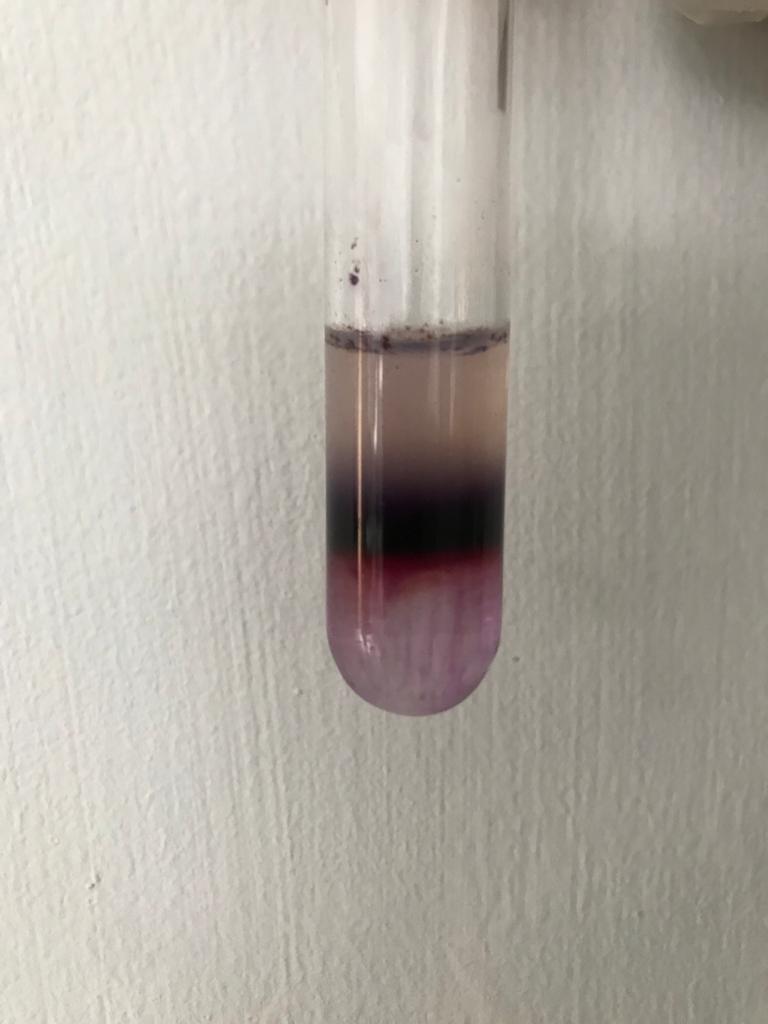
 

i. Hasil Skrining Steroid/Triterpenoid Serbuk j. Hasil Skrining Steroid/Triterpenoid Ekstrak Simplisia Daun Senggani Etanol daun Senggani



k. Hasil Skrining Saponin Serbuk Simplisia Dan

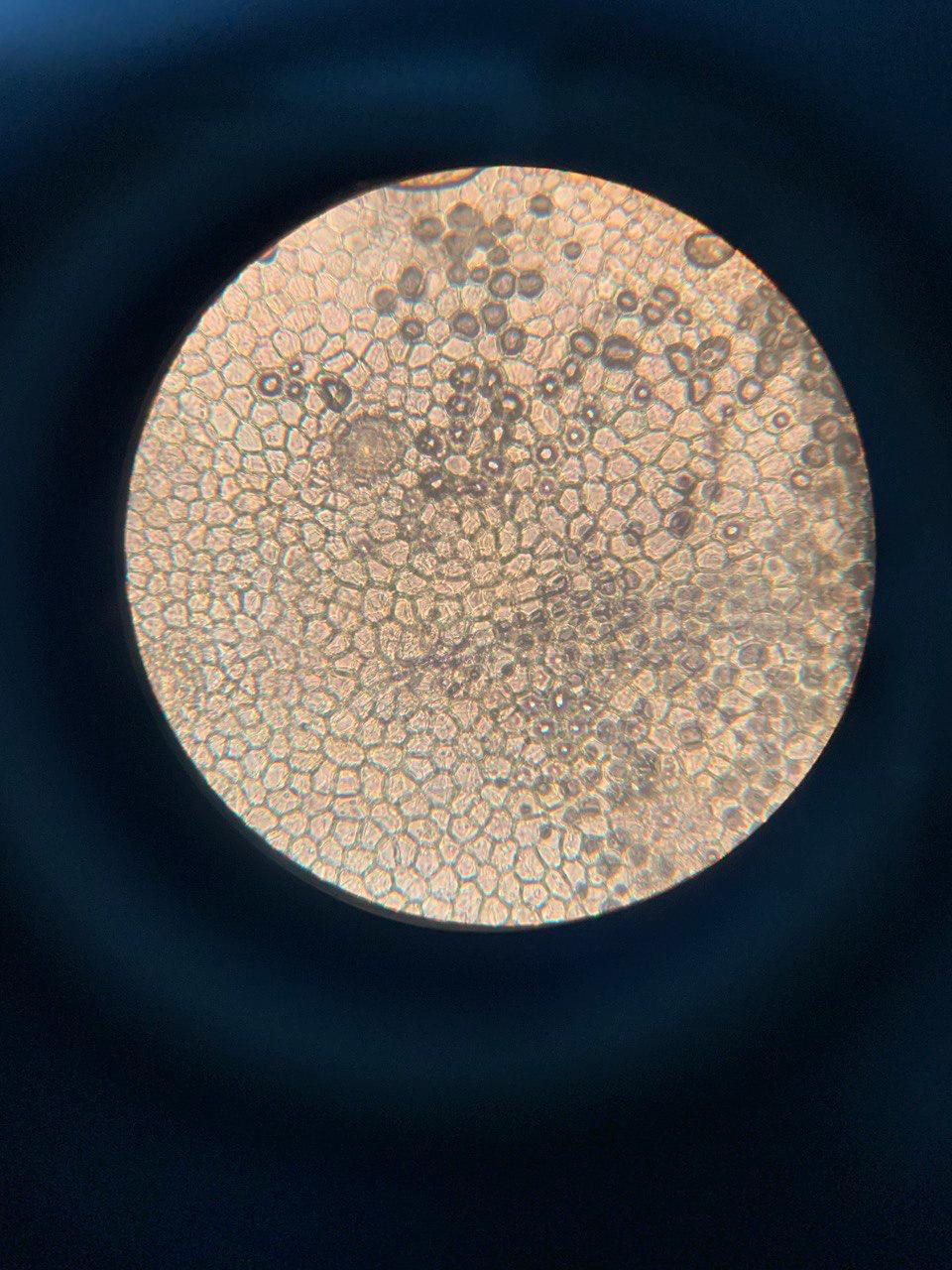
Ekstrak Etanol Daun Senggani

l. Hasil Skrining Glikosida Serbuk Simplisia m. Hasil Skrining Glikosida Ekstrak Etanol

Daun Senggani Daun Senggani

**Lampiran 7.** Mikroskopik Daun Senggani **(*Melastoma malabathricum* L*.*)**



1

Keterangan: 1. Stoma anomositik

**Lampiran 8**. Proses Pemberian Perlakuan

a. Penyuntikan kaki tikus secara intraplantar b. Pengukuran inflamasi dengan pletismometer

c. Kaki tikus setelah radang d. Pemberian obat secara oral

**Lampiran 9.** Bagan Alir Prosedur Kerja

Pengumpulan sampel Daun Senggani

Disortasi basah

Daun Senggani 10 Kg

Di cuci dengan air mengalir

Ditimbang

Ditiriskan

Daun Senggani

Dikeringkan Dalam Lemari Pengeringan pada suhu ± 400C

Disortasi Kering

Ditimbang kembali

Berat kering simplisia daun senggani 7 Kg

Dihaluskan menggunakan blender

Disimpan dalam wadah tertutup rapat

Serbuk Simplisia daun senggani 500 gram

Karakterisasi simplisia

**Lampiran 10.** Bagan Alir Karakerisasi Simplisia Daun Senggani

Simplisia

Pemeriksaan makroskopik simplisia

Dihaluskan

Serbuk simplisia daun *senggani* (*Melastoma malabathricum* L*.*)

Karakterisasi Simplisia

Parameter non spesifik

Parameter spesifik

Mikroskopik serbuk simplisia

* -
* - Kadar air
* - Kadar sari larut air
* - Kadar sari larutetanol
* - Kadar abu total
* - Kadar abu tidak larut asam

**Lampiran 11.** Bagan Alir Pembuatan Ekstrak Daun Senggani

Serbuk Simplisia 500g

Dimasukan dalam bejana

Dituangkan dengan 75 bagian etanol 96%

Ditutup dan dibiarkan selama 5 hari sambil diaduk-aduk sesekali

Setelah 5 hari maserat diserkai dan ampasnya diperas

Maserat I

Ampas

Dicuci dengan 25 bagian etanol 96%

Disaring dan ampasnya diperas

Maserat II

Dimasukan kedalam bejana tertutup, dibiarkan selama 2 hari

Maserat I + Maserat II

Dipekatkan dengan *Rotary Evaporator*

Ekstrak etanol kental 96 g

**Lampiran 12.** Bagan Alir Penelitian

Tikus jantan 25 ekor

Induksi dengan karagenan 2%

Dibagi menjadi 5/kelompok

EEDS 300mg/kgBB

Kontrol Negatif

Kontrol positif

EEDS 100 mg/kgBB

EEDS 200 mg/kgBB

Pengamatan Selama 6 Jam

Analisis Data

**Lampiran 13.** Tabel Maksimum Larutan Sediaan Uji Untuk Hewan

Volume maksimum larutan uji yang dapat diberikan pada beberapa hewan uji (Ritschel, 1974).

|  |  |
| --- | --- |
| Jenis Hewan Uji | Volume Maksimum (ml) Selesai 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 2,5 2,5 |
| 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 |

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

Konversi dosis antara jenis hewan dengan manusia (Laurence dan Bacharach, 1964).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Mencit  20 g | Tikus  200 g | Marmut  400 g | Kelinci 1,2 Kg | Kera  4 Kg | Anjing 12 Kg | Manusia 70 Kg |
| Mencit 20 g | 1,0 | 7,0 | 12, 25 | 27,8 | 64,1 | 124,2 | 387,9 |
| Tikus 200 g | 0,14 | 1,0 | 1,74 | 3,9 | 9,2 | 17,8 | 56,0 |
| Marmut 400 g | 0,08 | 0,57 | 1,0 | 2,25 | 5,2 | 10,2 | 31,5 |
| Kelinci 1,2 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 15.** Data Karakterisasi Serbuk Simplisia Daun Senggani

1. Perhitungan Hasil Penetapan Kadar Air (≤10%)

Kadar Air = x 100%

Sampel I

Berat sampel : 5,00 g

Volume I : 1,30 ml

Volume II : 1,60 ml

Kadar air = x 100%

= x 100% = 6,00 %

Sampel II

Berat sampel : 5,00 g

Volume I : 0,90 ml

Volume II : 1,40 ml

Kadar air = x 100%

= x 100% = 10,00 %

Sampel III

Berat sampel : 5,00 g

Volume I : 0,60 ml

Volume II : 0,10 ml

Kadar air = x 100%

= x 100% = 8,00 %

**Lampiran 15.** Lanjutan

Kadar air rata-rata = = 8,00 %

Kadar air pada daun senggani memenuhi syarat yaitu 8%, tidak lebih dari 10%

1. Perhitungan kadar sari yang larut dalam air (≥ 7%)

Kadar sari larut air = x 100%

Sampel I

Berat sampel : 5,00 g

Berat cawan kosong : 67,90 g

Berat cawan + sampel : 68,60 g

= x 100%

= x 100% = 70,00%

Sampel II

Berat sampel : 5,00 g

Berat cawan kosong : 65,00 g

Berat cawan + sampel : 65,30 g

= x 100%

= x 100% = 30,00%

Sampel III

Berat sampel : 5,00 g

**Lampiran 15.** Lanjutan

Berat cawan kosong : 66,20 g

Berat cawan + sampel : 66,40 g

= x 100%

= x 100% = 20,00%

Kadar sari larut dalam air rata-rata = = 40,00%

Kadar sari larut dalam air pada daun senggani memenuhi syarat yaitu 40% tidak kurang dari 7%

1. Perhitungan kadar sari larut dalam etanol (≥3%)

Kadar sari larut etanol= x 100%

Sampel I

Berat sampel : 5,00 g

Berat cawan kosong : 123,70 g

Berat cawan + sampel : 123,35 g

= x 100%

= x 100% = 8,00%

Sampel II

Berat sampel : 5,00 g

Berat cawan kosong : 125,62 g

Berat cawan + sampel : 125,74 g

**Lampiran 15.** Lanjutan

= x 100%

= x 100% = 12,00%

Sampel III

Berat sampel : 5,00 g

Berat cawan kosong : 127,12 g

Berat cawan + sampel : 127,15 g

= x 100%

= x 100% = 3,00%

Kadar sari larut dalam etanol rata-rata = = 7,60%

Kadar sari larut dalam etanol pada daun senggani memenuhi syarat yaitu 7,60% tidak kurang dari 3%

1. Perhitungan kadar abu (≤15%)

Kadar abu = x 100%

Sampel I

Berat sampel : 2,00 g

Berat cawan kosong : 122,63 g

Berat cawan + sampel : 122,77 g

= x 100%

**Lampiran 15.** Lanjutan

= x 100% = 7,00%

Sampel II

Berat sampel : 2,00 g

Berat cawan kosong : 121,17 g

Berat cawan + sampel : 121, 29 g

= x 100%

= x 100% = 6,00%

Sampel III

Berat sampel : 2,00 g

Berat cawan kosong : 127,20 g

Berat cawan + sampel : 127,36 g

= x100%

= x 100% = 8,00%

Kadar abu total rata-rata = = 7,00%

Kadar abu total pada daun senggani memenuhi syarat yaitu 7% tidak lebih dari 15%

1. Perhitungan kadar abu tidak larut dalam asam ( 1%)

Kadar abu = x 100%

Sampel I

**Lampiran 15.** Lanjutan

Berat sampel : 2,00 g

Berat cawan kosong : 122,63 g

Berat cawan + sampel : 122,77 g

= x 100%

= x 100% = 0,50%

Sampel II

Berat sampel : 2,00 g

Berat cawan kosong : 121,17 g

Berat cawan + sampel : 121,19 g

= x 100%

= x 100% = 1,00%

Sampel III

Berat sampel : 2,00 g

Berat cawan kosong : 127,20 g

Berat cawan + sampel : 127,21 g

= x 100%

= x 100% = 0,50%

Kadar abu tidak larut dalam asam rata-rata = = 0,60%

Kadar abu tidak larut dalam asam pada daun senggani memenuhi syarat yaitu 0,60% tidak lebih dari 1%

**Lampiran 16.** Perhitungan Dosis

1. Perhitungan Dosis Suspensi Na-CMC 0,5%

Kontrol Negatif CMC (0,5 g ) dalam 100 ml

Berat = 200 g

= x 0.5%

= 1,00 ml

2.Perhitungan Dosis suspensi Na diklofenak

Kontrol Positif (Na diklofenak 25 mg) dalam 100 ml

Konversi dosis pada tikus = 0,018

Dosis = 25 mg x 0,018 = 0,45 mg / 0,2 kg = 2,25 mg/kgBB

Berat = 170 g

= x 170

= 0,3825

=

= 1,53 ml

3. Perhitungan dosis suspense ekstrak etanol daun senggani 100 mg/kgBB

Berat = 200 g

= x 200

= 20 mg

Konsentrasi 2 % = 20 mg/ml

Pemerian = = 1 ml

4. Perhitungan dosis suspense ekstrak etanol daun senggani 200 mg/kgBB

Berat = 180 g

**Lampiran 16.** Lanjutan

= x 180

= 36 mg

Konsentrasi 2 % = 20 mg/ml

Pemerian = = 1,80 ml

5. Perhitungan dosis suspense ekstrak etanol daun senggani 300 mg/kgBB

Berat = 175 g

= x 175

= 52,50 mg

Konsentrasi 2 % = 20 mg/ml

Pemerian = = 2,60 ml

**Lampiran 17**. Data Hewan Uji Setiap Perlakuan

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Perlakuan** | **V₀** | **60 menit** | | **120 menit** | | **180 menit** | | **240 menit** | | **300 menit** | | **360 menit** | |
| **V1** | **% Radang** | **V2** | **% Radang** | **V3** | **% Radang** | **V4** | **% Radang** | **V5** | **% Radang** | **V6** | **% Radang** |
| **CMC 0,5%** | 0,050  0,050  0,060  0,050  0,060 | 0,091  0,093  0,089  0,095  0,097 | 82  86  48,333  90  61,667 | 0,094  0,097  0,095  0,099  0,097 | 88  94  58,333  98  61,667 | 0,092  0,094  0,091  0,095  0,092 | 84  88  51,667  90  53,333 | 0,084  0,088  0,085  0,089  0,088 | 68  76  41,667  78  46,667 | 0,082  0,084  0,079  0,083  0,080 | 64  68  31,667  66  33,333 | 0,071  0,072  0,075  0,073  0,078 | 42  44  25  46  30 |
| **Rata-rata** |  |  | 73,6 |  | 80 |  | 73,4 |  | 62,066 |  | 52,6 |  | 37,4 |
| **Na Diklofenak** | 0,050  0,070  0,060  0,070  0,060 | 0,090  0,096  0,094  0,095  0,094 | 80  37,142  58,333  35,714  56,667 | 0,094  0,097  0,094  0,098  0,099 | 88  38,571  56,667  40  65 | 0,087  0,089  0,089  0,090  0,092 | 74  27,142  48,333  28.571  53,333 | 0,074  0,079  0,081  0,087  0,085 | 48  12.857  35  24,286  41,667 | 0,066  0,077  0,073  0,078  0,076 | 32  10  21,667  11,428  26,667 | 0,054  0,072  0,071  0,063  0,062 | 8  2,857  8,333  4,286  3,333 |
| **Rata-rata** |  |  | 53,671 |  | 57,647 |  | 46,275 |  | 32,362 |  | 20,350 |  | 5,362 |
| **EEDS 100** | 0,050  0,050  0,060  0,050  0,060 | 0,087  0,085  0,091  0,090  0,092 | 74  70  51,666  80  53.333 | 0,094  0,095  0,097  0,096  0,098 | 88  90  61,667  92  63.333 | 0,089  0,090  0,093  0,092  0,094 | 78  80  55  84  56,667 | 0,084  0,082  0,086  0,087  0,090 | 68  64  43.333  74  50 | 0,076  0,075  0,080  0,077  0,087 | 52  50  33,333  54  45 | 0,071  0,070  0,073  0,072  0,075 | 42  40  21.667  44  25 |
| **Rata-rata** |  |  | 65,799 |  | 79 |  | 70,733 |  | 59,86 |  | 46,86 |  | 34,533 |
| **EEDS 200** | 0,060  0,060  0,050  0,050  0,060 | 0,091  0,090  0,086  0,085  0,089 | 51,667  50  72  70  48 | 0,097  0,096  0,093  0,090  0,095 | 61.667  60  86  80  58.333 | 0,094  0,093  0,091  0,088  0,093 | 56,667  55  82  76  55 | 0,087  0,084  0,083  0,084  0,086 | 45  40  66  68  43.333 | 0,076  0,073  0,074  0,075  0,075 | 26.667  21,667  48  50  25 | 0,067  0,064  0,070  0,065  0,070 | 11.666  6,666  40  30  16,667 |
| **Rata-rata** |  |  | 58,333 |  | 69,2 |  | 64,93 |  | 52,466 |  | 34,26 |  | 20,999  6,667  10  12  14  8,333 |
| **EEDS 300** | 0,060  0,050  0,050  0,050  0,060 | 0,088  0,086  0,087  0,087  0,089 | 46,667  72  74  74  48,333 | 0,094  0,092  0,095  0,093  0,096 | 56,667  84  90  86  60 | 0,086  0,083  0,088  0,082  0,088 | 43,333  66  76  64  46,667 | 0,079  0,076  0,080  0,075  0,081 | 31,667  52  60  50  35 | 0,070  0,067  0,069  0,066  0,072 | 16.667  34  38  32  20 | 0,064  0,055  0,056  0,057  0,062 |
| **Rata-rata** |  |  | 63 |  | 75,333 |  | 59,2 |  | 45,733 |  | 28,133 |  | 10,2 |

Lanjutan

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lampiran 18.** Perhitungan *SPSS Versi 16,0*  **Tests of Normality** | | | | | | | | | | | |
|  | Perlakuan | | Kolmogorov-Smirnova | | | | | Shapiro-Wilk | | | |
|  | Statistic | df | | Sig. | | Statistic | df | | Sig. |
| VO | Kontrol negatif | | .367 | 5 | | .026 | | .984 | 5 | | .626 |
| EEDS 300 | | .231 | 5 | | .200\* | | .881 | 5 | | .314 |
| EEDS 100 | | .367 | 5 | | .026 | | .984 | 5 | | .506 |
| EEDS 200 | | .367 | 5 | | .026 | | .974 | 5 | | .806 |
| Kontrol positif | | .367 | 5 | | .026 | | .954 | 5 | | .116 |
| 60 MENIT | Kontrol negatif | | .220 | 5 | | .200\* | | .956 | 5 | | .777 |
| EEDS 300 | | .241 | 5 | | .200\* | | .903 | 5 | | .427 |
| EEDS 100 | | .198 | 5 | | .200\* | | .951 | 5 | | .742 |
| EEDS 200 | | .323 | 5 | | .096 | | .840 | 5 | | .166 |
| Kontrol positif | | .237 | 5 | | .200\* | | .961 | 5 | | .814 |
| 120 MENIT | Kontrol negatif | | .198 | 5 | | .200\* | | .957 | 5 | | .787 |
| EEDS 300 | | .268 | 5 | | .200\* | | .896 | 5 | | .290 |
| EEDS 100 | | .136 | 5 | | .200\* | | .987 | 5 | | .967 |
| EEDS 200 | | .310 | 5 | | .131 | | .871 | 5 | | .272 |
| Kontrol positif | | .136 | 5 | | .200\* | | .987 | 5 | | .967 |
| 180 MENIT | Kontrol negatif | | .141 | 5 | | .200\* | | .979 | 5 | | .928 |
| EEDS 400 | | .136 | 5 | | .200\* | | .987 | 5 | | .967 |
| EEDS 100 | | .213 | 5 | | .200\* | | .963 | 5 | | .826 |
| EEDS 200 | | .221 | 5 | | .200\* | | .915 | 5 | | .501 |
| Kontrol positif | | .224 | 5 | | .200\* | | .865 | 5 | | .246 |
| 240 MENIT | Kontrol negatif | | .180 | 5 | | .200\* | | .952 | 5 | | .754 |
| EEDS 400 | | .212 | 5 | | .200\* | | .936 | 5 | | .635 |
| EEDS 100 | | .166 | 5 | | .200\* | | .989 | 5 | | .977 |
| EEDS 200 | | .229 | 5 | | .200\* | | .867 | 5 | | .254 |
| Kontrol positif | | .221 | 5 | | .200\* | | .915 | 5 | | .501 |
| 300 MENIT | Kontrol negatif | | .265 | 5 | | .200\* | | .836 | 5 | | .154 |
| EEDS 300 | | .207 | 5 | | .200\* | | .921 | 5 | | .535 |
| EEDS 100 | | .284 | 5 | | .200\* | | .860 | 5 | | .228 |
| EEDS 200 | | .159 | 5 | | .200\* | | .990 | 5 | | .980 |
| Kontrol positif | | .175 | 5 | | .200\* | | .974 | 5 | | .899 |
| 360 MENIT | Kontrol negatif | | .237 | 5 | | .200\* | | .961 | 5 | | .814 |
| EEDS 400 | | .220 | 5 | | .200\* | | .917 | 5 | | .509 |
| EEDS 100 | | .254 | 5 | | .200\* | | .914 | 5 | | .492 |
| EEDS 200 | | .224 | 5 | | .200\* | | .865 | 5 | | .246 |
| Kontrol positif | | .180 | 5 | | .200\* | | .952 | 5 | | .754 |
| \*. This is a lower bound of the true significance. | | | | | | | | | | | |
| **Test of Homogeneity of Variances** | | | | | | | | | | | |
|  | | Levene Statistic | | | df1 | | df2 | | | Sig. | |
| VO | | .542 | | | 4 | | 20 | | | .706 | |
| 60 MENIT | | 1.041 | | | 4 | | 20 | | | .411 | |
| 120 MENIT | | .585 | | | 4 | | 20 | | | .677 | |
| 180 MENIT | | 1.360 | | | 4 | | 20 | | | .283 | |
| 240 MENIT | | 1.734 | | | 4 | | 20 | | | .182 | |
| 300 MENIT | | .821 | | | 4 | | 20 | | | .527 | |
| 360 MENIT | | .770 | | | 4 | | 20 | | | .501 | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | |
|  | | Sum of Squares | Df | Mean Square | F | Sig. |
| VO | Between Groups | .000 | 4 | .000 | 1.579 | .019 |
| Within Groups | .001 | 20 | .000 |  |  |
| Total | .001 | 24 |  |  |  |
| 60 MENIT | Between Groups | .000 | 4 | .000 | 6.524 | .002 |
| Within Groups | .000 | 20 | .000 |  |  |
| Total | .000 | 24 |  |  |  |
| 120 MENIT | Between Groups | .000 | 4 | .000 | 6.235 | .002 |
| Within Groups | .000 | 20 | .000 |  |  |
| Total | .000 | 24 |  |  |  |
| 180 MENIT | Between Groups | .000 | 4 | .000 | 13.612 | .000 |
| Within Groups | .000 | 20 | .000 |  |  |
| Total | .000 | 24 |  |  |  |
| 240 MENIT | Between Groups | .000 | 4 | .000 | 8.240 | .000 |
| Within Groups | .000 | 20 | .000 |  |  |
| Total | .000 | 24 |  |  |  |
| 300 MENIT | Between Groups | .001 | 4 | .000 | 11.037 | .000 |
| Within Groups | .000 | 20 | .000 |  |  |
| Total | .001 | 24 |  |  |  |
| 360 MENIT | Between Groups | .000 | 4 | .000 | 9.854 | .000 |
| Within Groups | .000 | 20 | .000 |  |  |
| Total | .001 | 24 |  |  |  |

|  |  |  |
| --- | --- | --- |
| **VO** | | |
| TukeyHSDa | | |
| Perlakuan | N | Subset for alpha = 0.05 |
| 1 |
| kontrol positif | 5 | .05400 |
| EEDS 300 | 5 | .05400 |
| EEDS 200 | 5 | .05400 |
| EEDS 100 | 5 | .05600 |
| Kontrol negative | 5 | .06200 |
| Sig. |  | .279 |
| Means for groups in homogeneous subsets are displayed. | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **60 MENIT** | | | |
| TukeyHSDa | | | |
| Perlakuan | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Kontrol positif | 5 | .09180 |  |
| EEDS 300 | 5 | .09400 |  |
| EEDS 200 | 5 | .09640 |  |
| EEDS 100 | 5 | .09700 |  |
| Kontrol negative | 5 |  | .09720 |
| Sig. |  | .473 | .148 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | |

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| --- | --- | --- | --- | --- |
| **120 MENIT** | | | | |
| TukeyHSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Kontrol positif | 5 | .08740 |  |  |
| EEDS 300 | 5 | .08840 | .08840 |  |
| EEDS 200 | 5 | .08960 | .08960 |  |
| EEDS 100 | 5 |  | .09260 |  |
| Kontrol negative | 5 |  |  | .09440 |
| Sig. |  | .662 | .111 | .054 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

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| --- | --- | --- | --- | --- |
| **180 MENIT** | | | | |
| TukeyHSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Kontrol positif | 5 | .08540 |  |  |
| EEDS 300 | 5 | .09000 | .09000 |  |
| EEDS 200 | 5 | .09240 | .09240 |  |
| EEDS 100 | 5 |  | .09380 |  |
| Kontrol negative | 5 |  |  | .09420 |
| Sig. |  | 1.000 | .082 | .695 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |
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| --- | --- | --- | --- | --- |
| **240 MENIT** | | | | |
| TukeyHSDa | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Kontrol positif | 5 | .07820 |  |  |
| EEDS 300 | 5 | .08200 | .08200 |  |
| EEDS 200 | 5 | .08560 | .08560 |  |
| EEDS 100 | 5 | .08600 | .08600 |  |
| Kontrol negative | 5 |  |  | .08760 |
| Sig. |  | .283 | .239 | .817 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | |

**300 MENIT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TukeyHSDa | | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| Kontrol positif | 5 | .06880 |  |  |  |
| EEDS 300 | 5 | .07340 | .07340 |  |  |
| EEDS 200 | 5 |  | .07480 | .07480 |  |
| EEDS 100 | 5 |  |  | .07980 |  |
| Kontrol negative | 5 |  |  |  | .08200 |
| Sig. |  | .054 | .093 | .065 | .859 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | | |

**360 MENIT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TukeyHSDa | | | | | |
| Perlakuan | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| Kontrol positif | 5 | .06160 |  |  |  |
| EEDS 300 | 5 | .06480 | .06480 |  |  |
| EEDS 200 | 5 |  | .06740 | .06740 |  |
| EEDS 100 | 5 |  |  | .07160 |  |
| Kontrol negative | 5 |  |  |  | .07260 |
| Sig. |  | .056 | .176 | .084 | .263 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 5.000. | | | | | |