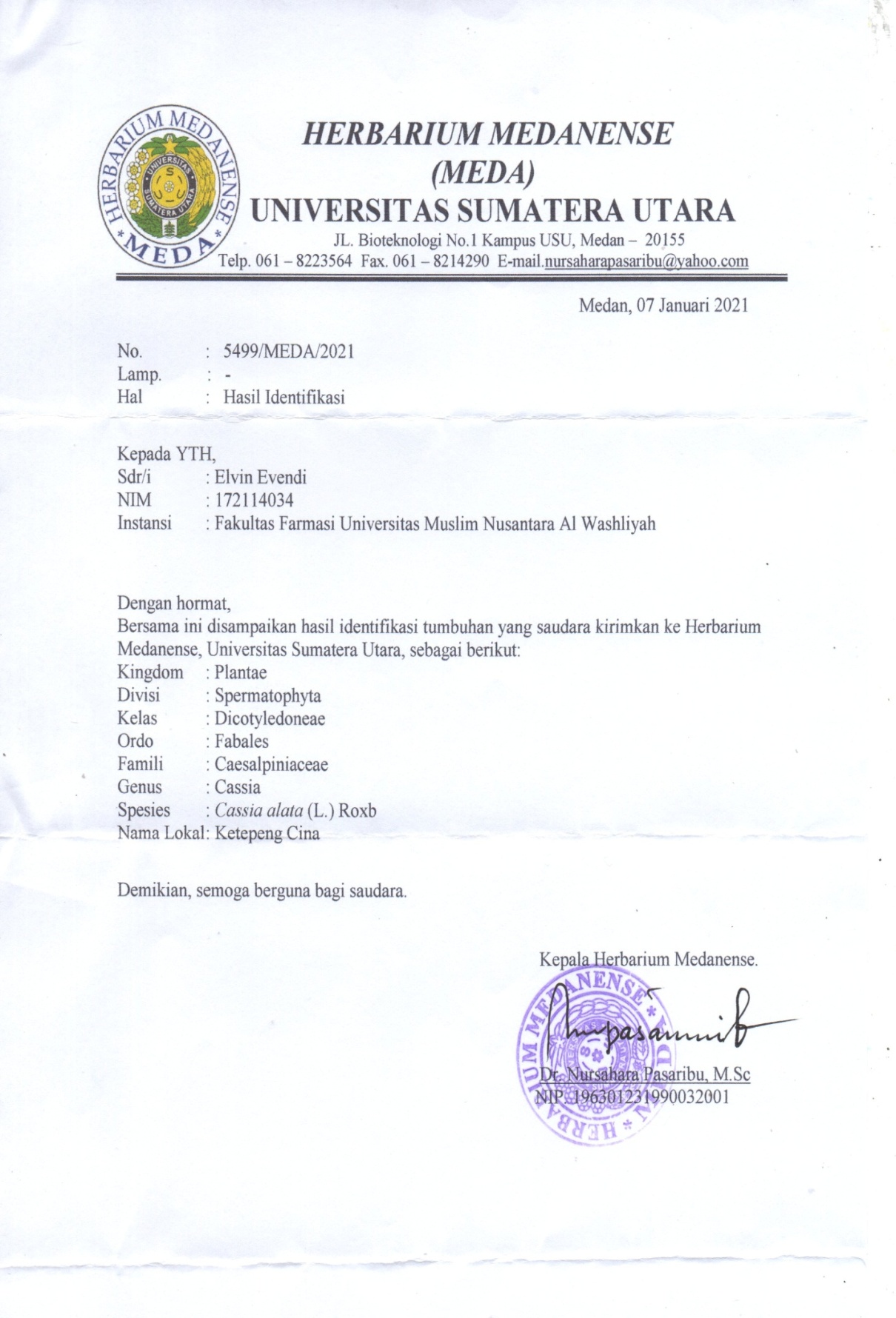
Lampiran 1. Surat Hasil Identifikasi Daun Ketepeng Cina



Lampiran 2. Bagan Alir Pembuatan Simplisia

Daun ketepeng cina segar 12 kg

Sortasi basah

Dicuci bersih

Ditiriskan

Barat basah 8,2 kg

Dikeringkan dilemari

Pengering

Disortasi kering

Berat kering 4,1 kg

Dihaluskan dengan

menggunakan blender

Serbuk simplisia ekstrak etanol daun daun ketepeng cina 500 g

Lampiran 3. Hasil Pengolahan Sampel Daun ketepeng Cina



a. Tanaman ketepeng cina



b. Pengeringan daun ketepeng cina

**Lampiran 3.** (Lanjutan)



c. Daun ketepeng cina kering

****

d. Serbuk halus daun ketepeng cina

**Lampiran 3.** (Lanjutan)



e. Ekstrak daun ketepeng cina

Lampiran 4. Hasil Perhitungan Susut Pengeringan Daun Ketepeng Cina

Susut pengeringan = x 100%

Berat basah = 8,2 kg

Berat kering = 4,1 kg

Susut pengeringan = x 100%

= x 100%

= 50%

Lampiran 5. Bagan Alir Ekstraksi Daun Ketepeng Cina

Serbuk Halus Daun Ketepeng Cina

Ditimbang 500 gr

Dimasukkan dalam bejana

Ditambahkan 75 bagian 96% (3750 ml) diamkan selama 5 hari

Diaduk sesekali dan disaring

Maserat 1

Ampas

Ditambahkan 25 bagian etanol 96%

Diaduk sesekali dan disaring

Ampas II

Maserat I

Dibuang

Maserat I dan II dicampur

Diamkan selama 2 hari

Dipekatkan dengan rotary evaporator

Ekstrak kental

Lampiran 6. Rendemen Ekstrak Etanol Daun Ketepeng Cina

% Rendemen Ekstrak = X 100%

= X 100%

= 12,026 %

Lampiran 7. Bagan Alir Skrining Fitokimia Ekstrak Etanol Daun Ketepeng Cina

1. Tannin

Ekstrak

Positif (+) biru/ hijau kehitaman

+ air panas

+ FeCl3 1%

1. Saponin

Ekstrak

Positif (+) Terbentuk busa

+ air panas

Dikocok

+ HCl 2N

1. Flavonoid

Ekstrak

Positif (+) jingga

+ air panas

Disaring

+ serbuk Mg

+ HCl (p)

1. Alkaloid

Ekstrak

+ pereaksi mayer

Positif (+) endapan putih

Positif (+) endapan merah kecklatan

Positif (+) endapan coklat kemerahan

+ pereaksi bouchardat

+ pereaksi dragendorf

1. Steroid/terpenoid

Ekstrask

Dimaserasi 20 ml n-heksan 2 jam

Disaring

5 ml filtrat diuapkan

Residu + 2 tetes asam

asetat anhidrat + 1 tetes

asam sulfat pekat

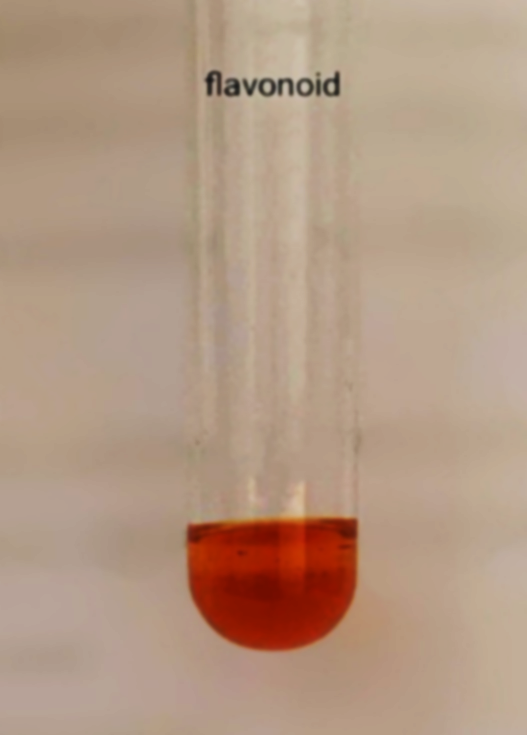
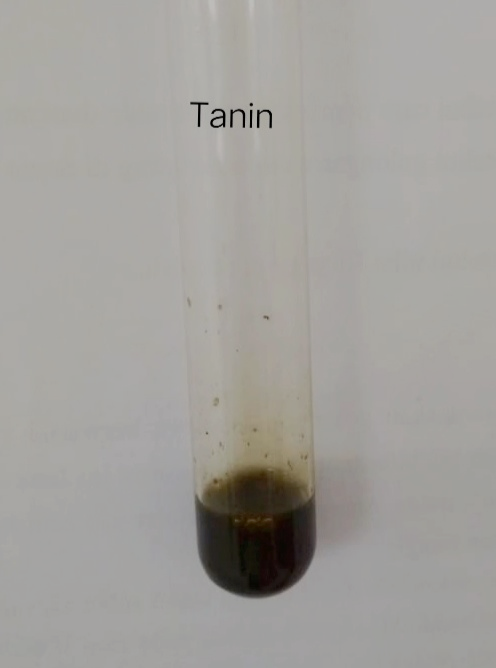
Positif steroid (+) ungu

Positif terpenoid(+) Hijau

Lampiran 8. Hasil Uji Skrining Fitokimia Ekstrak Etanol Daun Ketepeng Cina

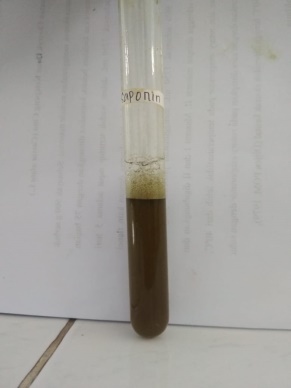


(+) Alkaloid

(+) Flavonoid (+) Tanin

**Lampiran 8.** (Lanjutan)



(+) Saponin (+) Steroid

Lampiran 9. Bagan Alir Pembuatan Sampo Ekstrak Etanol Daun Ketepeng Cina

1. Basis sampo

Letakan lumpang diatas penangas air

Dimasukan asam stearat

Ditambahkan air suling secukupnya

Ditambahkan sedikit demi sedikit *Sodium Lauryl Sulfat*sambil digerus pelan-pelan

Ditambahkan gliserin

Ditambahkan NaCl

Ditambahkan menthol

Digerus hingga homogen

Basis sampo

1. Sediaan sampo berbagai konsentrasi (%)

Basis sampo

Dimasukan kedalam beaker gelas 250 ml yang sudah ditimbang berat kosongnya.

Ditambahkan ekstrak etanol daun ketepeng cina sesuai konsentrasi (%)

Ditambahkan *Esensial oil green tea*

Ditambahkan dengan air suling ad

100 gram

Diaduk hingga homogen

Sediaan sampo daun ketepeng cina

Lampiran 10. Hasil Sediaan Sampo Antiketombe Ekstrak Daun Ketepeng Cina



Gambar sediaan sampo eksrak daun ketepeng cina

Lampiran 11. Perhitungan Densitas*Cycling test*Sampo Esktrak Etanol Daun Ketepeng Cina

1. Sebelum dilakukan *cycling test*

* F0

I Berat Pikno Kosong = 17,9785 g (V0)

Berat Pikno Berisi = 28,6872 g (V1)

Volume Piknometer = 10 ml

=

=

= 1,07g/ml

II Berat Pikno Kosong = 17,9789 g (V0)

Berat Pikno Berisi = 28,5872 g (V1)

Volume Piknometer = 10 ml

=

=

* Organoleptis
* Homogenitas
* Ph
* Tinggi Busa
* Viskositas
* Densitas

**=** 1,06 g/ml

III Berat Pikno Kosong = 17, 9762g (V0)

Berat Pikno Berisi = 28,7872g (V1)

Volume Piknometer = 10 ml

=

=

**=** 1,08 mg/ml

Densitas Rata-rata =

= 1,07g/ml

**Lampiran 12.** (Lanjutan)

* F1

I Berat Pikno Kosong = 16,3286g (V0)

Berat Pikno Berisi = 26,8460g (V1)

Volume Piknometer = 10 ml

=

=

= 1,05g/ml

II Berat Pikno Kosong = 16,1395 g (V0)

Berat Pikno Berisi = 26,6562g (V1)

Volume Piknometer = 10 ml

=

=

= 1,05g/ml

III Berat Pikno Kosong = 16,2510 g (V0)

Berat Pikno Berisi = 26,9751g (V1)

Volume Piknometer = 10 ml

=

=

= 1,07g/ml

Densitas Rata-rata =

= 1,05g/ml

**Lampiran 12.** (Lanjutan)

* F2

I Berat Pikno Kosong = 15, 371g (V0)

Berat Pikno Berisi = 26,7420g (V1)

Volume Piknometer = 10 ml

=

=

= 1,13 g/ml

II Berat Pikno Kosong = 15,5722g (V0)

Berat Pikno Berisi = 26,8720g (V1)

Volume Piknometer = 10 ml

=

=

= 1,12 g/ml

III Berat Pikno Kosong = 15,4621g (V0)

Berat Pikno Berisi = 26,6927 g (V1)

Volume Piknometer = 10 ml

=

=

= 1,123g/ml

Densitas Rata-rata =

= 1,12g/ml

**Lampiran 12.** (Lanjutan)

1. Setelah 3 siklus *cycling test*

* F0

I Berat Pikno Kosong = 17,5860 g (V0)

Berat Pikno Berisi = 28,5623 g (V1)

Volume Piknometer = 10 ml

=

=

= 1,09g/ml

II Berat Pikno Kosong = 17,9789 g (V0)

Berat Pikno Berisi = 28,5872 g (V1)

Volume Piknometer = 10 ml

=

=

**=** 1,06 g/ml

III Berat Pikno Kosong = 17, 6762g (V0)

Berat Pikno Berisi = 28,7872g (V1)

Volume Piknometer = 10 ml

=

=

**=** 1,11 g/ml

Densitas Rata-rata =

= 1,08 g/ml

**Lampiran 12.** (Lanjutan)

* F1

I Berat Pikno Kosong = 17,1755g (V0)

Berat Pikno Berisi = 28,2195g (V1)

Volume Piknometer = 10 ml

=

=

= 1,10g/ml

II Berat Pikno Kosong = 17,1695 g (V0)

Berat Pikno Berisi = 28,4562g (V1)

Volume Piknometer = 10 ml

=

=

= 1,12g/ml

III Berat Pikno Kosong = 17,0910 g (V0)

Berat Pikno Berisi = 28,0210 g (V1)

Volume Piknometer = 10 ml

=

=

= 1,09g/ml

Densitas Rata-rata =

= 1,10g/ml

**Lampiran 12.** (Lanjutan)

* F2

I Berat Pikno Kosong = 17, 6319g (V0)

Berat Pikno Berisi = 28,6062g (V1)

Volume Piknometer = 10 ml

=

=

= 1,09 g/ml

II Berat Pikno Kosong = 17,6722g (V0)

Berat Pikno Berisi = 28,8720g (V1)

Volume Piknometer = 10 ml

=

=

= 1,11 g/ml

III Berat Pikno Kosong = 17,6623g (V0)

Berat Pikno Berisi = 28,5937 g (V1)

Volume Piknometer = 10 ml

=

=

= 1,09g/ml

Densitas Rata-rata =

= 1,09g/ml

**Lampiran 12.** (Lanjutan)

1. Setelah 6 siklus *cycling test*

* F0

I Berat Pikno Kosong = 16,9392 g (V0)

Berat Pikno Berisi = 27,9729g (V1)

Volume Piknometer = 10 ml

=

=

= 1,10g/ml

II Berat Pikno Kosong = 16,9451 g (V0)

Berat Pikno Berisi = 27,9631g (V1)

Volume Piknometer = 10 ml

=

=

**=** 1,10g/ml

III Berat Pikno Kosong = 16,9371g (V0)

Berat Pikno Berisi = 27,8992g (V1)

Volume Piknometer = 10 ml

=

=

**=** 1,09g/ml

Densitas Rata-rata =

= 1,09 g/ml

**Lampiran 12.** (Lanjutan)

* F1

I Berat Pikno Kosong = 17,4237g (V0)

Berat Pikno Berisi = 28,5321g (V1)

Volume Piknometer = 10 ml

=

=

= 1,11g/ml

II Berat Pikno Kosong = 17,4211g (V0)

Berat Pikno Berisi = 28,5511g (V1)

Volume Piknometer = 10 ml

=

=

= 1,11g/ml

III Berat Pikno Kosong = 17,4915g (V0)

Berat Pikno Berisi = 28,5915g (V1)

Volume Piknometer = 10 ml

=

=

= 1,11g/ml

Densitas Rata-rata =

= 1,11g/ml

**Lampiran 12.** (Lanjutan)

* F2

I Berat Pikno Kosong = 17, 5938g (V0)

Berat Pikno Berisi = 28,8695 g (V1)

Volume Piknometer = 10 ml

=

=

= 1,12 g/ml

II Berat Pikno Kosong = 17,5892g (V0)

Berat Pikno Berisi = 28,8720g (V1)

Volume Piknometer = 10 ml

=

=

= 1,12 g/ml

III Berat Pikno Kosong = 17,5623g (V0)

Berat Pikno Berisi = 28,8537 g (V1)

Volume Piknometer = 10 ml

=

=

= 1,12g/ml

Densitas Rata-rata =

= 1,12 mg/ml

Lampiran 12.Hasil Pengamatan Tinggi Busa Sampo Ekstrak Etanol Daun Ketepeng Cina

a.Hasil Pengamatan Tinggi Busa Sebelum *Cycling test*

1. Tinggi Busa F0

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 24 | 23 |
| 2 | 24 | 22,5 |
| 3 | 23 | 22 |
| Rata-Rata | 23,6 | 22,5 |

2. Tinggi Busa F1

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 25 | 24 |
| 2 | 25,2 | 24 |
| 3 | 26 | 25 |
| Rata-Rata | 25,4 | 24,3 |

3. Tinggi Busa F2

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 28 | 26,5 |
| 2 | 27 | 26 |
| 3 | 27,5 | 26,2 |
| Rata-Rata | 27,5 | 26,23 |

b.Hasil Pengamatan Tinggi Busa Setelah 3 Siklus*Cycling test*

1. Tinggi Busa F0

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 22,5 | 21,2 |
| 2 | 22 | 21 |
| 3 | 23 | 22 |
| Rata-Rata | 22,5 | 21,4 |

2. Tinggi Busa F1

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 25 | 24 |
| 2 | 24 | 23 |
| 3 | 25 | 24 |
| Rata-Rata | 24,6 | 23,6 |

Lampiran 12. (Lanjutan)

3. Tinggi Busa F2

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 25 | 24 |
| 2 | 25 | 24 |
| 3 | 26 | 24,8 |
| Rata-Rata | 25,3 | 24,2 |

c.Hasil Pengamatan Tinggi Busa Setelah 6 Siklus*Cycling test*

1. Tinggi Busa F0

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 19 | 18 |
| 2 | 18 | 17 |
| 3 | 18 | 16,6 |
| Rata-Rata | 18,3 | 17,2 |

2. Tinggi Busa F1

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 20 | 19 |
| 2 | 20 | 19 |
| 3 | 21 | 20 |
| Rata-Rata | 20,3 | 19,3 |

3. Tinggi Busa F2

|  |  |  |
| --- | --- | --- |
| Pengulangan | H0 (cm) | H5 (cm) |
| 1 | 22 | 21 |
| 2 | 22,5 | 21,6 |
| 3 | 23 | 22,2 |
| Rata-Rata | 22,5 | 21,6 |

Lampiran 13. Hasil Viskositas *Cycling test* Sampo Ekstrak Etanol Daun Ketepeng Cina

1. Pengujian Viskostias Sebelum cycling test

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Rpm | Blanko  (cP) | F1  (cP) | F2  (cP) |
| 1 | 30 rpm | 3810 | 4070 | 4160 |
| 2 | 50 rpm | 2050 | 2440 | 2170 |
| 3 | 60 rpm | 1780 | 1820 | 2150 |

2. Pengujian Viskositas Setelah 3 siklus

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Rpm | Blanko (cP) | F1  (cP) | F2  (cP) |
| 1 | 30 rpm | 553,2 | 1590 | 1750 |
| 2 | 50 rpm | 331,9 | 902,6 | 823,3 |
| 3 | 60 rpm | 344,2 | 848,3 | 750,7 |

3. Pengujian Viskositas Setelah 6 Siklus

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Rpm | Blanko  (cP) | F1  (cP) | F2  (cP) |
| 1 | 30 rpm | 569,7 | 1490 | 2020 |
| 2 | 50 rpm | 238,2 | 404,7 | 559,3 |
| 3 | 60 rpm | 343,5 | 371,3 | 471,7 |

Lampiran 14. Perhitungan Hasil Rata-Rata Viskositas Sampo Ekstrak Etanol Daun Ketepeng Cina

1. Sebelum Dilakukan Cyling Test

a. Blanko

viskositas Rata-rata =

= 2546,6 mps

b. F1 (5%)

viskositas Rata-rata =

= 2776,6 mps

c. F2 (10%)

viskositas Rata-rata =

= 2826,6 mps

2. Setelah Dilakukan 3 Siklus

a. Blanko

viskositas Rata-rata =

= 409,7 mps

b. F1 (5%)

viskositas Rata-rata =

=1113,6 mps

c. F2 (10%)

viskositas Rata-rata =

=1108 mps

**Lampiran 14.** (Lanjutan)

2. Setelah Dilakukan 6 Siklus

a. Blanko

viskositas Rata-rata =

= 383,8 mps

b. F1 (5%)

viskositas Rata-rata =

= 755,3 mps

c. F2 (10%)

viskositas Rata-rata =

= 1017 mps

Lampiran 15. Hasil Pengamatan Nilai pH Sampo Ekstrak Etanol Daun Ketepeng

Cina

a.Hasil Pengamatan pH Sebelum *Cycling test*

|  |  |  |  |
| --- | --- | --- | --- |
| Pengulangan | F0 | F1 | F2 |
| 1 | 6,1 | 5,9 | 5,5 |
| 2 | 6,1 | 5,9 | 5,4 |
| 3 | 6,1 | 5,8 | 5,5 |
| Rata-Rata | 6,1 | 5,8 | 5,4 |

b.Hasil Pengamatan pH Setelah 3 Siklus*Cycling test*

|  |  |  |  |
| --- | --- | --- | --- |
| Pengulangan | F0 | F1 | F2 |
| 1 | 6,8 | 6,3 | 6,1 |
| 2 | 6,8 | 6,3 | 6,2 |
| 3 | 6,8 | 6,3 | 6,1 |
| Rata-Rata | 6,8 | 6,3 | 6,1 |

c.Hasil Pengamatan pH Setelah 6 Siklus*Cycling test*

|  |  |  |  |
| --- | --- | --- | --- |
| Pengulangan | F0 | F1 | F2 |
| 1 | 7,3 | 7,2 | 6,9 |
| 2 | 7,3 | 7,2 | 6,9 |
| 3 | 7,3 | 7,1 | 6,9 |
| Rata-Rata | 7,3 | 7,1 | 6,9 |

Lampiran 16. HasilUji daya bersih sampo



Gambar rambut yang telah dibersihkan

Lampiran 17.Perhitungan Uji Daya Bersih Sampo Ekstrak Etanol Daun Ketepeng Cina

Rumus : DP = (1- ) × 100%

Keterangan :

DP : *Detergency Power* (%)

T : berat sebum yang sudah dicuci dengan sampo (gram)

C : berat sebum yang menempel pada rambut (gram)

A. Percobaan 1.

1. Blanko

DP = ( 1 - ) × 100%

= ( 1- 0,40) × 100%

= 60%

2. F1

DP = ( 1 - ) × 100%

= ( 1- 0,39) × 100%

= 61%

3. F2

DP = ( 1 - ) × 100%

= ( 1- 0,39) × 100%

= 61%

**Lampiran 17.** (lanjutan)

B. Percobaan 2

1. Blanko

DP = ( 1 - ) × 100%

= ( 1- 0,38) × 100%

= 62%

2. F1

DP = ( 1 - ) × 100%

= ( 1- 0,38) × 100%

= 62%

3. F2

DP = ( 1 - ) × 100%

= ( 1- 0,30) × 100%

= 70%

C. Percobaan 3

1. Blanko

DP = ( 1 - ) × 100%

= ( 1- 0,38) × 100%

= 62%

2. F1

DP = ( 1 - ) × 100%

= ( 1- 0,38) × 100%

= 62%

**Lampiran 17.** (lanjutan)

3. F2

DP = ( 1 - ) × 100%

= ( 1- 0,30) × 100%

= 70%

Rata-rata =

1. F0 =

= 61,33%

2. F1 =

= 61,66%

3. F2 =

= 67%

Lampiran 18. Hasil Uji Iritasi Sampo Ekstrak Etanol Daun Ketepeng Cina



Lampiran 19. Lembar Kuisioner Hedonik Sampo Ekstrak Etanol Daun Ketepeng Cina

**Kuesioner Uji Hedonic Sampo Antiketombe Ekstrak Daun Ketepeng Cina**

Mohon kesediaan saudara / teman-teman untuk mengisikan jawabannya sesuai pendapatnya.

Nama :

Usia :

Tanggal :

Petunjuk :

1. Anda akan menerima 3 (Tiga) sediaan sampo antiketombe ekstrak daun ketepeng cina.

2. Sebelum menilai warna netralkan terlebih dahulu penglihatan anda dengan melihat kertas berwarna hijau yang telah tersedia, dan netralkan penciuman anda dengan menghirup aroma kopi yang telah tersedia.

3. Setelah mencoba formula 0 netralkan kembali penglihatan dan penciuman anda dengan melihat kertas berwana hijau dan mencium aroma kopi yang sudah tetrsedia untuk menilai warna dan aroma dari sediaan faormula 1, dan seterusnya sampai dengan formula 2.

4. Berilah penilaian angka 1 sampai dengan 5 yang sesuai dengan penilaian saudara.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Penilaian | Formula | | |
| F0 (Blanko) | F1 (5%) | F2 (10%) |
| 1 | Bentuk Sampo |  |  |  |
| 2 | Warna Sampo |  |  |  |
| 3 | Aroma Sampo |  |  |  |

Keterangan :

1. Nilai 5 = Sangat Suka

2. Nilai 4 = Suka

3. Nilai 3 = Kurang Suka

4. Nilai 2 = Tidak Suka

5. Nilai 1 = Sangat Tidak Suka

Lampiran 20.Hasil Uji HedonikSampo Ekstrak Etanol Daun Ketepeng Cina

1. Data uji kesukaan bentuk sampo ekstrak ketepeng cina

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Panelis | Data Hasil uji Kesukaan Dari Berbagai Formula Sampo | | | | | |
| Blanko (F0) | | F1 | | F2 | |
| Kode | Nilai | Kode | Nilai | Kode | Nilai |
| 1 | S | 4 | S | 4 | S | 4 |
| 2 | S | 4 | SS | 5 | SS | 5 |
| 3 | SS | 5 | SS | 5 | SS | 5 |
| 4 | S | 4 | SS | 5 | S | 4 |
| 5 | S | 4 | S | 4 | S | 4 |
| 6 | S | 4 | S | 4 | S | 4 |
| 7 | S | 4 | S | 4 | KS | 3 |
| 8 | S | 4 | KS | 3 | SS | 5 |
| 9 | S | 4 | S | 4 | S | 4 |
| 10 | SS | 5 | SS | 5 | SS | 5 |
| 11 | SS | 5 | SS | 5 | SS | 5 |
| 12 | S | 4 | S | 4 | S | 4 |
| 13 | S | 4 | S | 4 | SS | 5 |
| 14 | S | 4 | S | 4 | S | 4 |
| 15 | S | 4 | KS | 3 | KS | 3 |
| 16 | SS | 5 | S | 4 | S | 4 |
| 17 | SS | 5 | S | 4 | S | 4 |
| 18 | SS | 5 | S | 4 | S | 4 |
| 19 | SS | 5 | S | 4 | S | 4 |
| 20 | S | 4 | S | 4 | SS | 5 |
| 21 | SS | 5 | S | 4 | SS | 5 |
| 22 | SS | 5 | SS | 5 | S | 4 |
| 23 | SS | 5 | SS | 5 | SS | 5 |
| 24 | SS | 5 | SS | 5 | KS | 3 |
| 25 | SS | 5 | SS | 5 | S | 4 |
| 26 | S | 4 | S | 4 | S | 4 |
| 27 | S | 4 | SS | 5 | S | 4 |
| 28 | S | 4 | S | 4 | S | 4 |
| 29 | S | 4 | S | 4 | S | 4 |
| 30 | S | 4 | S | 4 | S | 4 |
| **Total** |  | 132 |  | 128 |  | 126 |
| **Rata-rata** |  | 4,4 |  | 4,22 |  | 4,2 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (lanjutan)

1. Hasil Uji Interval Nilai Kesukaan Bentuk F0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Bentuk Pada F0 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,4 | 0,16 |
| 2 | S | 4 | 0,4 | 0,16 |
| 3 | SS | 5 | 0,6 | 0,36 |
| 4 | S | 4 | 0,4 | 0,16 |
| 5 | S | 4 | 0,4 | 0,16 |
| 6 | S | 4 | 0,4 | 0,16 |
| 7 | S | 4 | 0,4 | 0,16 |
| 8 | S | 4 | 0,4 | 0,16 |
| 9 | S | 4 | 0,4 | 0,16 |
| 10 | SS | 5 | 0,6 | 0,36 |
| 11 | SS | 5 | 0,6 | 0,36 |
| 12 | S | 4 | 0,44 | 0,16 |
| 13 | S | 4 | 0,44 | 0,16 |
| 14 | S | 4 | 0,44 | 0,16 |
| 15 | S | 4 | 0,44 | 0,16 |
| 16 | SS | 5 | 0,6 | 0,36 |
| 17 | SS | 5 | 0,6 | 0,36 |
| 18 | SS | 5 | 0,6 | 0,36 |
| 19 | SS | 5 | 0,6 | 0,36 |
| 20 | S | 4 | 0,4 | 0,16 |
| 21 | SS | 5 | 0,6 | 0,36 |
| 22 | SS | 5 | 0,6 | 0,36 |
| 23 | SS | 5 | 0,6 | 0,36 |
| 24 | SS | 5 | 0,6 | 0,36 |
| 25 | SS | 5 | 0,6 | 0,36 |
| 26 | S | 4 | 0,4 | 0,16 |
| 27 | S | 4 | 0,4 | 0,16 |
| 28 | S | 4 | 0,4 | 0,16 |
| 29 | S | 4 | 0,4 | 0,16 |
| 30 | S | 4 | 0,4 | 0,16 |
|  |  | =132  = 4,4 |  | = 7,2  = 0,24 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (lanjutan)

S =)2

S =

= 0,48

Rentang Nilai Kesukaan

= - +

= 4,4 - +

= (4,4 – 0,15) (4,4 + 0,15)

= 4,254,55

Rentang nilai kesukaan Bentuk sediaan sampo F0 = 4,254,55

**Lampiran 20.** (Lanjutan)

1. Hasil Uji Interval Nilai Kesukaan Bentuk F1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Bentuk Pada F0 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,22 | 0,04 |
| 2 | SS | 5 | 0,78 | 0,6 |
| 3 | SS | 5 | 0,78 | 0,6 |
| 4 | SS | 5 | 0,78 | 0,6 |
| 5 | S | 4 | 0,22 | 0,04 |
| 6 | S | 4 | 0,22 | 0,04 |
| 7 | S | 4 | 0,22 | 0,04 |
| 8 | KS | 3 | 1,22 | 1,48 |
| 9 | S | 4 | 0,22 | 0,04 |
| 10 | SS | 5 | 0,78 | 0,06 |
| 11 | SS | 5 | 0,78 | 0,06 |
| 12 | S | 4 | 0,22 | 0,04 |
| 13 | S | 4 | 0,22 | 0,04 |
| 14 | S | 4 | 0,22 | 0,04 |
| 15 | KS | 3 | 1,22 | 1,48 |
| 16 | S | 4 | 0,22 | 0,04 |
| 17 | S | 4 | 0,22 | 0,04 |
| 18 | S | 4 | 0,22 | 0,04 |
| 19 | S | 4 | 0,22 | 0,04 |
| 20 | S | 4 | 0,22 | 0,04 |
| 21 | S | 4 | 0,22 | 0,04 |
| 22 | SS | 5 | 0,78 | 0,6 |
| 23 | SS | 5 | 0,78 | 0,6 |
| 24 | SS | 5 | 0,78 | 0,6 |
| 25 | SS | 5 | 0,78 | 0,6 |
| 26 | S | 4 | 0,22 | 0,04 |
| 27 | SS | 5 | 0,78 | 0,6 |
| 28 | S | 4 | 0,22 | 0,04 |
| 29 | S | 4 | 0,22 | 0,04 |
| 30 | S | 4 | 0,22 | 0,04 |
|  |  | =128  = 4,22 |  | = 9,68  = 0,32 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,56

Rentang Nilai Kesukaan

= - +

= 4,22 - +

= (4,22 – 0,18) (4,22 + 0,18)

= 4,044,4

Rentang nilai kesukaan Bentuk sediaan sampo F1 = 4,044,4

**Lampiran 20.** (Lanjutan)

1. Hasil Uji Interval Nilai Kesukaan Bentuk F2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Bentuk Pada F0 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,2 | 0,04 |
| 2 | SS | 5 | 0,8 | 0,64 |
| 3 | SS | 5 | 0,8 | 0,64 |
| 4 | S | 4 | 0,2 | 0,04 |
| 5 | S | 4 | 0,2 | 0,04 |
| 6 | S | 4 | 0,2 | 0,04 |
| 7 | KS | 3 | 1,2 | 1,44 |
| 8 | SS | 5 | 0,8 | 0,64 |
| 9 | S | 4 | 0,2 | 0,04 |
| 10 | SS | 5 | 0,8 | 0,64 |
| 11 | SS | 5 | 0,8 | 0,64 |
| 12 | S | 4 | 0,2 | 0,04 |
| 13 | SS | 5 | 0,8 | 0,64 |
| 14 | S | 4 | 0,2 | 0,04 |
| 15 | KS | 3 | 1,2 | 1,44 |
| 16 | S | 4 | 0,2 | 0,04 |
| 17 | S | 4 | 0,2 | 0,04 |
| 18 | S | 4 | 0,2 | 0,04 |
| 19 | S | 4 | 0,2 | 0,04 |
| 20 | SS | 5 | 0,8 | 0,64 |
| 21 | SS | 5 | 0,8 | 0,64 |
| 22 | S | 4 | 0,2 | 0,04 |
| 23 | SS | 5 | 0,8 | 0,64 |
| 24 | KS | 3 | 1,2 | 1,44 |
| 25 | S | 4 | 0,2 | 0,04 |
| 26 | S | 4 | 0,2 | 0,04 |
| 27 | S | 4 | 0,2 | 0,04 |
| 28 | S | 4 | 0,2 | 0,04 |
| 29 | S | 4 | 0,2 | 0,04 |
| 30 | S | 4 | 0,2 | 0,04 |
|  |  | =126  = 4,2 |  | = 10,8  = 0,36 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,6

Rentang Nilai Kesukaan

= - +

= 4,2 - +

= (4,2 – 0,11) (4,2 + 0,11)

= 4,094,31

Rentang nilai kesukaan Bentuk sediaan sampo F2 = 4,094,31

**Lampiran 20.** (Lanjutan)

2. Data Uji Kesukaan Warna Sampo Ekstrak Ketepeng Cina

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Panelis | Data Hasil uji Kesukaan Dari Berbagai Formula Sampo | | | | | |
| Blanko (F0) | | F1 | | F2 | |
| Kode | Nilai | Kode | Nilai | Kode | Nilai |
| 1 | S | 4 | S | 4 | S | 4 |
| 2 | S | 4 | S | 4 | S | 4 |
| 3 | SS | 5 | SS | 5 | SS | 5 |
| 4 | S | 4 | S | 4 | SS | 5 |
| 5 | SS | 5 | SS | 5 | SS | 5 |
| 6 | S | 4 | S | 4 | S | 4 |
| 7 | S | 4 | KS | 3 | S | 4 |
| 8 | S | 4 | S | 4 | S | 4 |
| 9 | S | 4 | S | 4 | S | 4 |
| 10 | SS | 5 | S | 4 | S | 4 |
| 11 | SS | 5 | S | 4 | S | 4 |
| 12 | S | 4 | KS | 3 | KS | 3 |
| 13 | SS | 5 | S | 4 | S | 4 |
| 14 | SS | 5 | SS | 5 | SS | 5 |
| 15 | SS | 5 | S | 4 | S | 4 |
| 16 | SS | 5 | SS | 5 | SS | 5 |
| 17 | SS | 5 | S | 4 | S | 4 |
| 18 | SS | 5 | SS | 5 | SS | 5 |
| 19 | S | 4 | SS | 5 | SS | 5 |
| 20 | SS | 5 | KS | 3 | KS | 3 |
| 21 | SS | 5 | SS | 5 | S | 4 |
| 22 | SS | 5 | KS | 3 | S | 4 |
| 23 | SS | 5 | S | 4 | S | 4 |
| 24 | SS | 5 | S | 4 | KS | 3 |
| 25 | SS | 5 | S | 4 | S | 4 |
| 26 | SS | 5 | KS | 3 | KS | 3 |
| 27 | S | 4 | S | 4 | KS | 3 |
| 28 | SS | 5 | SS | 5 | S | 4 |
| 29 | SS | 5 | S | 4 | S | 4 |
| 30 | S | 4 | S | 4 | S | 4 |
| **Total** |  | 139 |  | 123 |  | 122 |
| **Rata-rata** |  | 4,63 |  | 4,1 |  | 4,06 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

a. Hasil Uji Interval Nilai Kesukaan Warna F0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Warna Pada F0 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,63 | 0,39 |
| 2 | S | 4 | 0,63 | 0,39 |
| 3 | SS | 5 | 0,37 | 0,13 |
| 4 | S | 4 | 0,63 | 0,39 |
| 5 | SS | 5 | 0,37 | 0,13 |
| 6 | S | 4 | 0,63 | 0,39 |
| 7 | S | 4 | 0,63 | 0,39 |
| 8 | S | 4 | 0,63 | 0,39 |
| 9 | S | 4 | 0,63 | 0,39 |
| 10 | SS | 5 | 0,37 | 0,13 |
| 11 | SS | 5 | 0,37 | 0,13 |
| 12 | S | 4 | 0,63 | 0,39 |
| 13 | SS | 5 | 0,37 | 0,13 |
| 14 | SS | 5 | 0,37 | 0,13 |
| 15 | SS | 5 | 0,37 | 0,13 |
| 16 | SS | 5 | 0,37 | 0,13 |
| 17 | SS | 5 | 0,37 | 0,13 |
| 18 | SS | 5 | 0,37 | 0,13 |
| 19 | S | 4 | 0,63 | 0,39 |
| 20 | SS | 5 | 0,37 | 0,13 |
| 21 | SS | 5 | 0,37 | 0,13 |
| 22 | SS | 5 | 0,37 | 0,13 |
| 23 | SS | 5 | 0,37 | 0,13 |
| 24 | SS | 5 | 0,37 | 0,13 |
| 25 | SS | 5 | 0,37 | 0,13 |
| 26 | SS | 5 | 0,37 | 0,13 |
| 27 | S | 4 | 0,63 | 0,39 |
| 28 | SS | 5 | 0,37 | 0,13 |
| 29 | SS | 5 | 0,37 | 0,13 |
| 30 | S | 4 | 0,63 | 0,39 |
|  |  | =139  = 4,63 |  | = 11,28  = 0,37 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,6

Rentang Nilai Kesukaan

= - +

= 4,63 - +

= (4,63 – 0,19) (4,63 + 0,19)

= 4,444,82

Rentang nilai kesukaan warnasediaan sampo F0 = 4,444,82

**Lampiran 20.** (Lanjutan)

b. Hasil Uji Interval Nilai Kesukaan WarnaF1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Warna Pada F1 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,1 | 0,01 |
| 2 | S | 4 | 0,1 | 0,01 |
| 3 | SS | 5 | 0,9 | 0,81 |
| 4 | S | 4 | 0,1 | 0,01 |
| 5 | SS | 5 | 0,9 | 0,81 |
| 6 | S | 4 | 0,1 | 0,01 |
| 7 | KS | 3 | 1,1 | 1,21 |
| 8 | S | 4 | 0,1 | 0,01 |
| 9 | S | 4 | 0,1 | 0,01 |
| 10 | S | 4 | 0,1 | 0,01 |
| 11 | S | 4 | 0,1 | 0,01 |
| 12 | KS | 3 | 1,1 | 1,21 |
| 13 | S | 4 | 0,1 | 0,01 |
| 14 | SS | 5 | 0,9 | 0,81 |
| 15 | S | 4 | 0,1 | 0,01 |
| 16 | SS | 5 | 0,9 | 0,81 |
| 17 | S | 4 | 0,1 | 0,01 |
| 18 | SS | 5 | 0,9 | 0,81 |
| 19 | SS | 5 | 0,9 | 0,81 |
| 20 | KS | 3 | 1,1 | 1,21 |
| 21 | SS | 5 | 0,9 | 0,81 |
| 22 | KS | 3 | 1,1 | 1,21 |
| 23 | S | 4 | 0,1 | 0,01 |
| 24 | S | 4 | 0,1 | 0,01 |
| 25 | S | 4 | 0,1 | 001, |
| 26 | KS | 3 | 1,1 | 1,21 |
| 27 | S | 4 | 0,1 | 0,01 |
| 28 | SS | 5 | 0,9 | 0,81 |
| 29 | S | 4 | 0,1 | 0,01 |
| 30 | S | 4 | 0,1 | 0,01 |
|  |  | =123  = 4,1 |  | = 13,42  = 0,44 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,66

Rentang Nilai Kesukaan

= - +

= 4,1 - +

= (4,1 – 0,21) (4,1 + 0,21)

= 3,864,31

Rentang nilai kesukaan warna sediaan sampo F1 = 3,864,31

**Lampiran 20.** (Lanjutan)

c. Hasil Uji Interval Nilai Kesukaan WarnaF2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Warna Pada F2 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,06 | 0 |
| 2 | S | 4 | 0,06 | 0 |
| 3 | SS | 5 | 0,94 | 0,88 |
| 4 | SS | 5 | 0,94 | 0,88 |
| 5 | SS | 5 | 0,94 | 0,88 |
| 6 | S | 4 | 0,06 | 0 |
| 7 | S | 4 | 0,06 | 0 |
| 8 | S | 4 | 0,06 | 0 |
| 9 | S | 4 | 0,06 | 0 |
| 10 | S | 4 | 0,06 | 0 |
| 11 | S | 4 | 0,06 | 0 |
| 12 | KS | 3 | 1,06 | 1,12 |
| 13 | S | 4 | 0,06 | 0 |
| 14 | SS | 5 | 0,94 | 0,88 |
| 15 | S | 4 | 0,06 | 0 |
| 16 | SS | 5 | 0,94 | 0,88 |
| 17 | S | 4 | 0,06 | 0 |
| 18 | SS | 5 | 0,94 | 0,88 |
| 19 | SS | 5 | 0,94 | 0,88 |
| 20 | KS | 3 | 1,06 | 1,12 |
| 21 | S | 4 | 0,06 | 0 |
| 22 | S | 4 | 0,06 | 0 |
| 23 | S | 4 | 0,06 | 0 |
| 24 | KS | 3 | 1,06 | 1,12 |
| 25 | S | 4 | 0,06 | 0 |
| 26 | KS | 3 | 1,06 | 1,12 |
| 27 | KS | 3 | 1,06 | 1,12 |
| 28 | S | 4 | 0,06 | 0 |
| 29 | S | 4 | 0,06 | 0 |
| 30 | S | 4 | 0,06 | 0 |
|  |  | =122  = 4,06 |  | = 11,76  = 0,39 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,62

Rentang Nilai Kesukaan

= - +

= 4,06 - +

= (4,06 – 0,2) (4,06 + 0,2)

= 3,864,26

Rentang nilai kesukaan warna sediaan sampo F2 = 3,864,26

**Lampiran 20.**(lanjutan)

3. Data Uji Kesukaan Aroma Sampo Ekstrak Ketepeng Cina

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Panelis | Data Hasil uji Kesukaan Dari Berbagai Formula Sampo | | | | | |
| Blanko (F0) | | F1 | | F2 | |
| Kode | Nilai | Kode | Nilai | Kode | Nilai |
| 1 | S | 4 | S | 4 | S | 4 |
| 2 | S | 4 | S | 4 | S | 4 |
| 3 | SS | 5 | SS | 5 | SS | 5 |
| 4 | SS | 5 | SS | 5 | SS | 5 |
| 5 | SS | 5 | SS | 5 | SS | 5 |
| 6 | S | 4 | KS | 3 | KS | 3 |
| 7 | S | 4 | S | 4 | S | 4 |
| 8 | SS | 5 | S | 4 | S | 4 |
| 9 | S | 4 | S | 4 | SS | 5 |
| 10 | SS | 5 | SS | 5 | SS | 5 |
| 11 | SS | 5 | SS | 5 | S | 4 |
| 12 | S | 4 | KS | 3 | KS | 3 |
| 13 | S | 4 | S | 4 | S | 4 |
| 14 | SS | 5 | SS | 5 | SS | 5 |
| 15 | S | 4 | S | 4 | S | 4 |
| 16 | SS | 5 | S | 4 | S | 4 |
| 17 | S | 4 | SS | 5 | SS | 5 |
| 18 | SS | 5 | SS | 5 | SS | 5 |
| 19 | SS | 5 | S | 4 | S | 4 |
| 20 | SS | 5 | S | 4 | S | 4 |
| 21 | SS | 5 | SS | 5 | KS | 3 |
| 22 | SS | 5 | SS | 5 | SS | 5 |
| 23 | SS | 5 | SS | 5 | S | 4 |
| 24 | SS | 5 | SS | 5 | KS | 3 |
| 25 | SS | 5 | SS | 5 | SS | 5 |
| 26 | SS | 5 | S | 4 | KS | 3 |
| 27 | SS | 5 | SS | 5 | KS | 3 |
| 28 | SS | 5 | SS | 5 | S | 4 |
| 29 | SS | 5 | SS | 5 | S | 4 |
| 30 | S | 4 | S | 4 | S | 4 |
| **Total** |  | 140 |  | 134 |  | 124 |
| **Rata-rata** |  | 4,66 |  | 4,46 |  | 4,13 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

a. Hasil Uji Interval Nilai Kesukaan Aroma F0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Aroma Pada F0 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,66 | 0,43 |
| 2 | S | 4 | 0,66 | 0,43 |
| 3 | SS | 5 | 0,34 | 0,11 |
| 4 | SS | 5 | 0,34 | 0,11 |
| 5 | SS | 5 | 0,34 | 0,11 |
| 6 | S | 4 | 0,66 | 0,43 |
| 7 | S | 4 | 0,66 | 0,43 |
| 8 | SS | 5 | 0,34 | 0,11 |
| 9 | S | 4 | 0,66 | 0,43 |
| 10 | SS | 5 | 0,34 | 0,11 |
| 11 | SS | 5 | 0,34 | 0,11 |
| 12 | S | 4 | 0,66 | 0,43 |
| 13 | S | 4 | 0,66 | 0,43 |
| 14 | SS | 5 | 0,34 | 0,11 |
| 15 | S | 4 | 0,66 | 0,43 |
| 16 | SS | 5 | 0,34 | 0,11 |
| 17 | S | 4 | 0,66 | 0,43 |
| 18 | SS | 5 | 0,34 | 0,11 |
| 19 | SS | 5 | 0,34 | 0,11 |
| 20 | SS | 5 | 0,34 | 0,11 |
| 21 | SS | 5 | 0,34 | 0,11 |
| 22 | SS | 5 | 0,34 | 0,11 |
| 23 | SS | 5 | 0,34 | 0,11 |
| 24 | SS | 5 | 0,34 | 0,11 |
| 25 | SS | 5 | 0,34 | 0,11 |
| 26 | SS | 5 | 0,34 | 0,11 |
| 27 | SS | 5 | 0,34 | 0,11 |
| 28 | SS | 5 | 0,34 | 0,11 |
| 29 | SS | 5 | 0,34 | 0,11 |
| 30 | S | 4 | 0,66 | 0,43 |
|  |  | =140  = 4,66 |  | = 8,8  = 0,29 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,53

Rentang Nilai Kesukaan

= - +

= 4,66 - +

= (4,66 – 0,17) (4,66 + 0,17)

= 4,494,83

Rentang nilai kesukaan aromasediaan sampo F0 = 4,494,83

**Lampiran 20.** (Lanjutan)

b. Hasil Uji Interval Nilai Kesukaan Aroma F1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Aroma Pada F1 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,46 | 0,21 |
| 2 | S | 4 | 0,46 | 0,21 |
| 3 | SS | 5 | 0,54 | 0,29 |
| 4 | SS | 5 | 0,54 | 0,29 |
| 5 | SS | 5 | 0,54 | 0,29 |
| 6 | KS | 3 | 1,46 | 2,13 |
| 7 | S | 4 | 0,46 | 0,21 |
| 8 | S | 4 | 0,46 | 0,21 |
| 9 | S | 4 | 0,46 | 0,21 |
| 10 | SS | 5 | 0,54 | 0,29 |
| 11 | SS | 5 | 0,54 | 0,29 |
| 12 | KS | 3 | 1,46 | 2,13 |
| 13 | S | 4 | 0,46 | 0,21 |
| 14 | SS | 5 | 0,54 | 0,29 |
| 15 | S | 4 | 0,46 | 0,21 |
| 16 | S | 4 | 0,46 | 0,21 |
| 17 | SS | 5 | 0,54 | 0,29 |
| 18 | SS | 5 | 0,54 | 0,29 |
| 19 | S | 4 | 0,46 | 0,12 |
| 20 | S | 4 | 0,46 | 0,21 |
| 21 | SS | 5 | 0,54 | 0,29 |
| 22 | SS | 5 | 0,54 | 0,29 |
| 23 | SS | 5 | 0,54 | 0,29 |
| 24 | SS | 5 | 0,54 | 0,29 |
| 25 | SS | 5 | 0,54 | 0,29 |
| 26 | S | 4 | 0,46 | 0,21 |
| 27 | SS | 5 | 0,54 | 0,29 |
| 28 | SS | 5 | 0,54 | 0,29 |
| 29 | SS | 5 | 0,54 | 0,29 |
| 30 | S | 4 | 0,46 | 0,21 |
|  |  | =134  = 4,46 |  | = 11,42  = 0,38 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,61

Rentang Nilai Kesukaan

= - +

= 4,46 - +

= (4,46 – 0,2) (4,46 + 0,2)

= 4,264,66

Rentang nilai kesukaan aroma sediaan sampo F1 = 4,264,66

**Lampiran 20.** (Lanjutan)

c. Hasil Uji Interval Nilai Kesukaan Aroma F2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Panelis | Nilai Kesukaan Aroma Pada F2 | | | |
| Kode | Nilai (Xi) | Xi- | (Xi-2 |
| 1 | S | 4 | 0,13 | 0,01 |
| 2 | S | 4 | 0,13 | 0,01 |
| 3 | SS | 5 | 0,87 | 0,75 |
| 4 | SS | 5 | 0,87 | 0,75 |
| 5 | SS | 5 | 0,87 | 0,75 |
| 6 | KS | 3 | 1,13 | 1,27 |
| 7 | S | 4 | 0,13 | 0,01 |
| 8 | S | 4 | 0,13 | 0,01 |
| 9 | SS | 5 | 0,87 | 0,75 |
| 10 | SS | 5 | 0,87 | 0,75 |
| 11 | S | 4 | 0,13 | 0,01 |
| 12 | KS | 3 | 1,13 | 1,27 |
| 13 | S | 4 | 0,13 | 0,01 |
| 14 | SS | 5 | 0,87 | 0,75 |
| 15 | S | 4 | 0,13 | 0,01 |
| 16 | S | 4 | 0,13 | 0,01 |
| 17 | SS | 5 | 0,87 | 0,75 |
| 18 | SS | 5 | 0,87 | 0,75 |
| 19 | S | 4 | 0,13 | 0,01 |
| 20 | S | 4 | 0,13 | 0,01 |
| 21 | KS | 3 | 1,13 | 1,27 |
| 22 | SS | 5 | 0,87 | 0,75 |
| 23 | S | 4 | 0,13 | 0,01 |
| 24 | KS | 3 | 1,13 | 1,27 |
| 25 | SS | 5 | 0,87 | 0,75 |
| 26 | KS | 3 | 1,13 | 1,27 |
| 27 | KS | 3 | 1,13 | 1,27 |
| 28 | S | 4 | 0,13 | 0,01 |
| 29 | S | 4 | 0,13 | 0,01 |
| 30 | S | 4 | 0,13 | 0,01 |
|  |  | =124  = 4,13 |  | = 15,26  = 0,50 |

Keterangan :

STS = Sangat Tidak Suka

TS = Tidak Suka

KS = Kurang Suka

S = Suka

SS = Sangat Suka

**Lampiran 20.** (Lanjutan)

S =)2

S =

= 0,7

Rentang Nilai Kesukaan

= - +

= 4,13 - +

= (4,13 – 0,23) (4,13 + 0,23)

= 3,94,36

Rentang nilai kesukaan aroma sediaan sampo F2 = 3,94,36

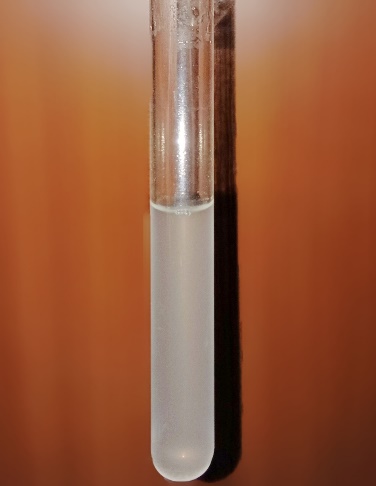
Lampiran 21.Hasil Pembuatan Media dan Larutan Uji



a. Hasil Pembuatan Media SDA (Saboraud Dexstrosa Agar)

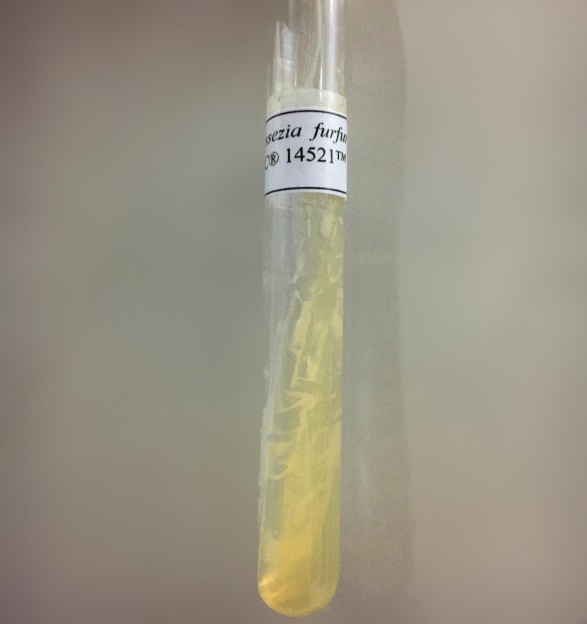


b. Hasil Pembuatan Larutan Suspensi Jamur

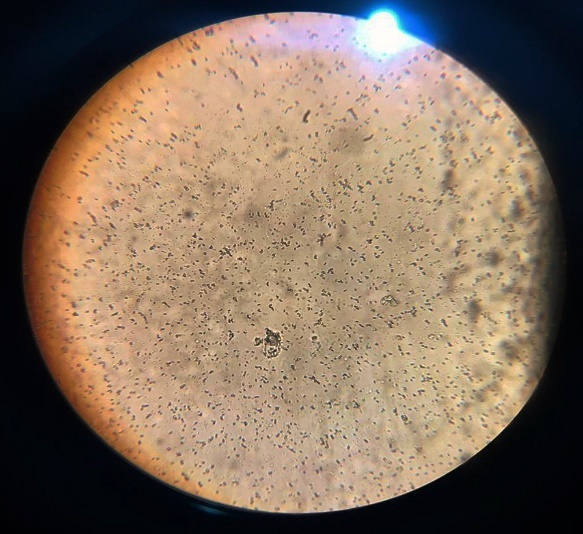


c. Hasil Pembuatan Standar Mc. Farland

Lampiran 22.Hasil Peremajaan *Malassezia furfur*

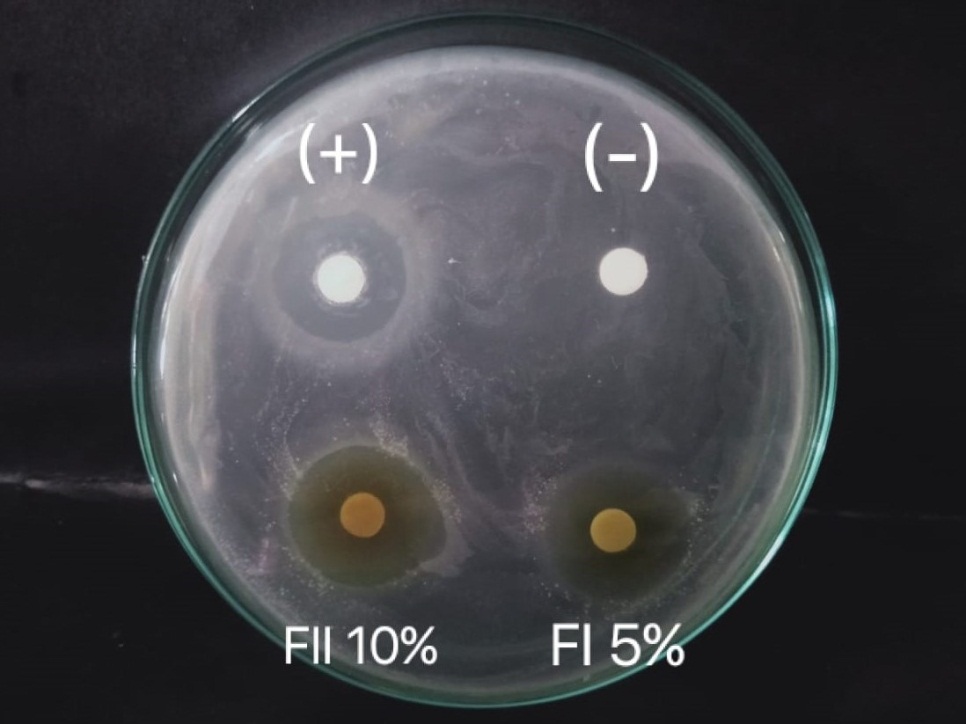


Lampiran 23.Hasil Pengamatan *Malassezia furfur*



Lampiran 24. Hasil Uji Daya Hambat Sampo Ekstrak Etanol Daun Ketepeng

Cina Terhadap *Malassezia furfur*





Lampiran 25. Data SPSS Uji Daya Hambat SampoEkstrak Etanol Daun

Ketepeng Cina

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normalitya** | | | | | | | |
|  | formulasi sediaan sampo | Kolmogorov-Smirnovb | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| diameter daya hambat | F1 | .175 | 3 | . | 1.000 | 3 | 1.000 |
| F2 | .175 | 3 | . | 1.000 | 3 | 1.000 |
| kontrol positif | .175 | 3 | . | 1.000 | 3 | 1.000 |
| a. diameter daya hambat is constant when formulasi sediaan sampo = blanko. It has been omitted. | | | | | | | |
| b. Lilliefors Significance Correction | | | | | | | |

**Oneway**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| diameter daya hambat | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
| Lower Bound | Upper Bound |
| blanko | 3 | .000 | .0000 | .0000 | .000 | .000 | .0 | .0 |
| F1 | 3 | 20.000 | .5000 | .2887 | 18.758 | 21.242 | 19.5 | 20.5 |
| F2 | 3 | 22.000 | 1.0000 | .5774 | 19.516 | 24.484 | 21.0 | 23.0 |
| kontrol positif | 3 | 18.500 | .5000 | .2887 | 17.258 | 19.742 | 18.0 | 19.0 |
| Total | 12 | 15.125 | 9.2272 | 2.6637 | 9.262 | 20.988 | .0 | 23.0 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test of Homogeneity of Variances** | | | |
| diameter daya hambat | | | |
| Levene Statistic | df1 | df2 | Sig. |
| 1.778 | 3 | 8 | .229 |

**Lampiran 25.**(Lanjutan)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| diameter daya hambat | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 933.563 | 3 | 311.188 | 829.833 | .000 |
| Within Groups | 3.000 | 8 | .375 |  |  |
| Total | 936.563 | 11 |  |  |  |

**Post Hoc Tests**

**Homogeneous Subsets**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **diameter daya hambat** | | | | | |
| Tukey B | | | | | |
| formulasi sediaan sampo | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| Blanko | 3 | .000 |  |  |  |
| kontrol positif | 3 |  | 18.500 |  |  |
| F1 | 3 |  |  | 20.000 |  |
| F2 | 3 |  |  |  | 22.000 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 3.000. | | | | | |