**DAFTAR ISI**

**LEMBAR PERSYARATAN……………………………….…………………...…i**

**TANDA PERSETUJUAN SKRIPSI........................................................................ii**

**SURAT PERNYATAAN..........................................................................................iii**

**ABSTRAK………………………………………………...….……………………..iv**

**ABSTRACT…………………………………………..………..……………………v**

[KATA PENGANTAR…………………………………..………………………….v](#_Toc68076967)

**DAFTAR ISI……………………………………………..…..……..…............…....ix**

**DAFTAR TABEL…………………………………..……..………………….....…xv**

**DAFTAR GAMBAR……………….…………………………...……………...….xvi**

**DAFTAR LAMPIRAN………………………………………….........…...……...xvii**

[BAB I](#_Toc68076968) [PENDAHULUAN…………………..………...…………………….……......](#_Toc68076969)1

[1.1 Latar Belakang………………………..…………………...............…………..1](#_Toc68076970)

[1.2 Rumusan Masalah…………………………………..……………....………....3](#_Toc68076971)

[1.3 Hipotesis Penelitian………………………………….……………....…….…..3](#_Toc68076972)

[1.4 Tujuan Penelitian………………………………….……………......................3](#_Toc68076973)

[1.5 Manfaat Penelitian………………………………………..…….......……...….4](#_Toc68076974)

[1.6 Kerangka Penelitian………………………………………………………........4](#_Toc68076975)

[BAB II](#_Toc68076976) [TINJAUAN PUSTAKA……………………...……..………………….…...6](#_Toc68076977)

[2.1 Bedak Tabur……………………………….………………..…………….........6](#_Toc68076978)

[2.1.1 Pengertian Bedak Tabur……………………..........………….....…...........6](#_Toc68076979)

[2.1.2 Syarat dan Sifat Bedak Tabur…………………….......................……..…6](#_Toc68076980)

2.1.3 Monografi Bahan Sediaan Bedak Tabur..................................................7

2.2 Kulit..................................................................................................................12

2.2.1 Pengertian Kulit......................................................................................12

2.2.2 Penyakit Kulit.........................................................................................13

2.3 Jamur Kulit.......................................................................................................14

2.3.1 Pengertian Jamur....................................................................................14

2.3.2 Pitiaris Versicolor...................................................................................14

2.3.3 Klasifikasi *Malassezia furfur*.................................................................15

2.4 Ketepeng Cina *(Cassia alata L.)*.......................................................................16

2.4.1 Klasifikasi Ketepeng Cina (Cassia alata L.)..............................................16

[2.4.2 Uraian Ketepeng cina (*Cassia alata L.*)… ……….…….…….....……... 16](#_Toc68076987)

[2.4.3 Morfologi Ketepeng cina…………………...……..........................….....18](#_Toc68076988)

[2.4.4 Lingkungan Tumbuh………………...……….…....................….............20](#_Toc68076989)

2.4.5 Kandungan Kimia Ketepeng Cina *(Cassia alata L.)*................................20

[2.5 Ekstraksi……………………………………………………………...……….20](#_Toc68076991)

[2.6 Uji Aktivitas Anti mikroba………………………………….......……………23](#_Toc68076993)

[2.6.1 Cara Difusi………………………...…....……………...........………......25](#_Toc68076994)

[2.6.2 Cara Turbidimetri……………………….....…………...…….….………](#_Toc68076995)25

[2.6.3 Cara Dilusi……………………………………………….………...……26](#_Toc68076996)

[BAB III](#_Toc68076997) [METODE PENELITIAN………………………….……………….…….27](#_Toc68076998)

3.1 Rancangan Penelitian........................................................................................27

3.1.1 Variabel Penelitian..................................................................................27

3.1.2 Parameter Penelitian...............................................................................27

[3.2 Jadwal dan LokasiPenelitian…........……………………..…………………...27](#_Toc68077003)

[3.2.1 Jadwal Penelitian…………………...………….………………….....…..27](#_Toc68077004)

[3.2.2 Lokasi Penelitian………………...……………………….………….......27](#_Toc68077005)

[3.3 Pengumpulan Tumbuhan……………………………………….…….......…..27](#_Toc68077006)

3.3.1 Pengolahan Tumbuhan..............................................................................28

3.3.2 Identifikasi Tumbuhan..............................................................................28

3.3.3 Pembuatan Ekstrak Daun Ketepeng Cina.................................................28

[3.4 Bahan………………………………….………………………….………......29](#_Toc68077007)

[3.5 Peralatan.................……………………………………………………......…](#_Toc68077008)29

3.6 Pembuatan Larutan Pereaksi............................................................................29

3.6.1 Larutan Pereaksi Bouchardat……………..…..…...................................29

3.6.2 Larutan Pereaksi Mayer……….………………..………..................…...29

3.6.3 Larutan Pereaksi Dragendrof………………………………....................30

3.6.4 Larutan Pereaksi Asam Klorida 2 N……………………..…...............…30

3.6. 5 Larutan Pereaksi Liberman-Burchard…………………….................….31

3.6.6 Larutan Pereaksi Besi (III) Klorida 1%.....................................................31

3.7 Skrining Fitokimia.................................................................................................31

3.7.1 Pemeriksaan Alkoloid...............................................................................31

3.7.2 Pemeriksaan Flavonoid.............................................................................31

3.7.3 Pemeriksaan Tanin....................................................................................32

3.7.4 Pemeriksaan Saponin................................................................................32

3.7.5 Pemeriksaan Steroid/Triterpenoid.............................................................32

3.8 Pembuatan Sediaan Bedak................................................................................33

3.8.1 Formulasi Dasar Sediaan Bedak...............................................................33

3.8.2 Formulasi Sediaan Bedak Modifikasi.......................................................33

3.8.3 Formulasi Sediaan Bedak Ekstrak Etanol Daun Ketepeng Cina..............34

3.8.4 Prosedur Formulasi Sediaan ....................................................................34

3.9 Karakteristik Fisik Sediaan Bedak Ekstrak Etanol Daun Ketepeng Cina........35

3.9.1 Uji Organoleptis........................................................................................35

3.9.2 Uji Homogenitas.......................................................................................35

3.9.3 Uji Stabilitas..............................................................................................35

3.9.4 Uji pH........................................................................................................35

3.9.5 Uji Daya Lekat..........................................................................................36

3.9.6 Uji Derajat Halus.......................................................................................36

3.9.7 Uji Iritasi Kulit..........................................................................................36

3.9.8 Uji Hedonik...............................................................................................37

3.10 Sterilisasi Alat.................................................................................................37

3.11 Pembuatan Media dan Larutan Uji.................................................................37

3.11.1 Pembuatan Media Saboraud Dextrosa Agar (SDA)................................37

3.11.2 Peremajaan Biakan Murni *Malassezia furfur*..........................................37

3.11.3 Pembuatan Larutan Mc.Farland..............................................................38

3.11.4 Pembuatan suspensi Jamur *Malassezia furfur*........................................38

3.11.5 Pembuatan Larutan Uji............................................................................39

3.12 Pengujian Aktivitas Antijamur Sediaan Bedak...............................................39

[BAB IV](#_Toc68077017) [HASIL DAN PEMBAHASAN…………………………………….......…40](#_Toc68077018)

[4.1 Hasil Identifikasi Tumbuhan……………………………………………..…...40](#_Toc68077019)

[4.2 Hasil Pengumpulan Sampel Daun Ketepeng Cina…………………………....40](#_Toc68077020)

[4.3 Hasil Pengolahan Sampel Daun Ketepeng Cina……………………………...40](#_Toc68077021)

[4.4 Hasil Pembuatan Ekstrak Daun Ketepeng Cina……………………………....41](#_Toc68077022)

[4.5 Hasil Identifikasi Metabolit Sekunder………………………………..............42](#_Toc68077023)

[4.6 Hasil Karakteristik Fisik Bedak Ekstrak Etanol Daun Ketepeng Cina……….43](#_Toc68077025)

[4.6.1 Hasil Uji Organoleptis………………………………..…..................…...43](#_Toc68077026)

[4.6.2 Hasil Uji Homogenitas…………………………..……..............………..44](#_Toc68077027)

[4.6.3 Hasil Uji Stabilitas…………………..………….................................….45](#_Toc68077028)

[4.6.4 Hasil Uji pH…………………………………….…….........................…47](#_Toc68077029)

[4.6.5 Hasil Uji Daya Lekat……………................................................……….49](#_Toc68077030)

[4.6.6 Hasil Uji Derajat Halus………………….......……………......................50](#_Toc68077031)

[4.6.7 Hasil Uji Iritasi………………………………...…..….............................51](#_Toc68077032)

4.6.8 Hasil Uji Hedonik......................................................................................53

4.7 Hasil Evaluasi Aktivitas Anti Panu Sediaan Bedak..............................................55

4.7.1 Pengujian Aktivitas Sediaan Bedak Antipanu........................................55

BAB V KESIMPULAN DAN SARAN.....................................................................58

[5.1 Kesimpulan………………………..………..............………………….……..58](#_Toc68077040)

[5.2 Saran…………..............................………..…......................………………...58](#_Toc68077041)

[**DAFTAR PUSTAKA**…………………………………..………….………………..59](#_Toc68077042)

**DAFTAR TABEL**

**Tabel 4.1** Hasil Pembuatan Sampel Daun Ketepeng Cina………………….........40

**Tabel 4.2** Hasil Pembuatan Ekstrak Daun Ketepeng Cina…………………….....41

**Tabel 4.3** Hasil Skrining Fitokimia Daun Ketepeng Cina…………………....…..42

**Tabel 4.4** Hasil Uji Organoleptis Sediaan Bedak Daun Ketepeng Cina…............43

**Tabel 4.5** Hasil Uji Homogenitas Sediaan Bedak Daun Ketepeng Cina….....…...44

**Tabel 4.6** Hasil Uji Stabilitas Sediaan Bedak Daun Ketepeng Cina...……….......46

**Tabel 4.7** Hasil Uji pH Sediaan Bedak Daun Ketepeng Cina……………......…..48

**Tabel 4.8** Hasil Uji Daya Lekat Sediaan Bedak Daun Ketepeng Cina……......…49

**Tabel 4.9** Hasil Uji Derajat Halus Sediaan Bedak Daun Ketepeng Cina ..…....…51

**Tabel 4.10** Hasil Uji Iritasi Sediaan Bedak Daun Ketepeng Cina………….….......52

**Tabel 4.11** Hasil Interval Nilai Kesukaan Bentuk Sediaan Bedak…………..........54

**Tabel 4.12** Hasil Interval Nilai Kesukaan Aroma Sediaan Bedak……….....…......54

**Tabel 4.13** Hasil Interval Nilai Kesukaan Warna Sediaan Bedak…………….......54

**Tabel 4.14** Hasil Uji Aktivitas Anti Panu Sediaan Bedak Daun Ketepeng Cina...105

**DAFTAR GAMBAR**

**Gambar 2.1** Jamur *Malassezia furfur*……………………………………………….16

**Gambar 2.2** Tanaman Ketepeng Cina………………………………………………19

**Gambar 2.3** Grafik Uji pH Sediaan Bedak................................................................49

**Gambar 2.4** Grafik Uji Daya Lekat Sediaan Bedak...................................................51

**Gambar 2.5** Grafik Persentasi Diameter zona hambat Sediaan Bedak…………..…56

**DAFTAR LAMPIRAN**

**Lampiran 1.** Hasil Determinasi Tanaman……………….………….....................63

**Lampiran 2.** Bagan Alir Proses Pengolahan Simplisia....…….….........................64

**Lampiran 3.** Pengolahan Simplisia Daun Ketepeng Cina……..…...….............…65

**Lampiran 4.** Perhitungan susut Pengeringan.…………………………............….66

**Lampiran 5.** Bagan Alir Pembuatan Ekstrak Etanol Daun Ketepeng Cina…........67

**Lampiran 6.** Hasil Pembuatan Ekstrak Etanol Daun Ketepeng Cina……...……..68

**Lampiran 7.** Perhitungan Rendemen Ekstrak......................….........................…..69

**Lampiran 8.** Bagan Alir Skrining Fitokimia............ ……….....……..........……..70

**Lampiran 9.** Identifikasi Metabolit Sekunder Ketepeng Cina................................71

**Lampiran 10.** Bagan Alir Pembuatan Sediaan Bedak.............................................73

**Lampiran 11.** Hasil Sediaan Bedak Ekstrak Etanol Daun Ketepeng Cina…...........74

**Lampiran 12.** Hasil Uji Karakteristik Sediaan Bedak..............................................75

**Lampiran 13.** Hasil Uji Kesukaan (Hedonik)..........................................................78

**Lampiran 14.** Surat Pernyataan Sukarelawan.........................................................99

**Lampiran 15.** Kuisioner Uji Hedonik.....................................................................100

**Lampiran 16.** Hasil Pembuatan Media dan Larutan Uji.........................................101

**Lampiran 17.** Hasil Uji Aktivitas Anti Panu Sediaan Bedak.................................102

**Lampiran 18.** Perhitungan Zona Hambat Aktivitas Anti Panu.............................103

**Lampiran 19.** Hasil Uji Statistik Aktivitas Anti Panu Sediaan Bedak..................104

**Lampiran 20.** Hasil Produk Sediaan Bedak...........................................................105