

DAFTAR ISI

HALAMAN JUDUL	i
HALAMAN PENGESAHAN	ii
HALAMAN PERSETUJUAN	iii
PERNYATAAN.....	iv
KATA PENGANTAR.....	v
DAFTAR ISI	vii
DAFTAR GAMBAR.....	x
DAFTAR TABEL.....	xiii
INTISARI	xii
ABSTRACT.....	xiii
BAB I PENDAHULUAN.....	Error! Bookmark not defined.
1.1 Latar Belakang	Error! Bookmark not defined.
1.2 Rumusan Masalah	Error! Bookmark not defined.
1.3 Tujuan.....	Error! Bookmark not defined.
1.4 Manfaat.....	Error! Bookmark not defined.
BAB II STUDI PUSTAKA	Error! Bookmark not defined.
2.1 Tinjauan Pustaka	Error! Bookmark not defined.
2.1.1 Tumbuhan Sarang semut.....	Error! Bookmark not defined.
2.1.2 Nanopartikel.....	Error! Bookmark not defined.
2.1.3 Metode Pembuatan Nanopartikel	Error! Bookmark not defined.
2.1.4 Polivinil Alkohol.....	Error! Bookmark not defined.
2.1.5 <i>Poly Lactic-co-Glycolic Acid</i> (PLGA)	Error! Bookmark not defined.
2.1.6 Etil Asetat.....	Error! Bookmark not defined.
2.1.7 Karakterisasi Nanopartikel.....	Error! Bookmark not defined.
2.1.7.1 Morfologi Nanopartikel.....	Error! Bookmark not defined.
2.1.7.2 Pengukuran Ukuran Partikel	Error! Bookmark not defined.
2.1.8 Pengukuran Nilai Zeta Potensial.....	Error! Bookmark not defined.

2.2	Landasan Teori	Error! Bookmark not defined.
2.3	Hipotesis	Error! Bookmark not defined.
BAB III METODOLOGI PENELITIAN		Error! Bookmark not defined.
3.1	Alat dan Bahan	Error! Bookmark not defined.
3.1.1	Alat	Error! Bookmark not defined.
3.1.2	Bahan.....	Error! Bookmark not defined.
3.2	Cara penelitian.....	Error! Bookmark not defined.
3.2.1	Skema penelitian	Error! Bookmark not defined.
3.2.2	Determinasi Tanaman	Error! Bookmark not defined.
3.2.3	Persiapan dan Pengeringan Sarang semut.....	Error! Bookmark not defined.
3.2.4	Ekstraksi sarang semut.....	Error! Bookmark not defined.
3.2.5	Skrining Fitokimia	Error! Bookmark not defined.
3.2.6	Pembuatan Larutan Stok PLGA.....	Error! Bookmark not defined.
3.2.7	Pembuatan larutan PVA.....	Error! Bookmark not defined.
3.2.8	Pembuatan Sediaan Nanopartikel	Error! Bookmark not defined.
3.2.9	Organoleptis Nanopartikel Polimer..	Error! Bookmark not defined.
3.2.10	Karakterisasi Nanopartikel.....	Error! Bookmark not defined.
3.2.10.1	Penentuan Ukuran Partikel	Error! Bookmark not defined.
3.2.10.2	Pengukuran Zeta Potensial.....	Error! Bookmark not defined.
3.2.10.3	Pengujian Morfologi Nanopartikel	Error! Bookmark not defined.
3.2.10.3.1	<i>scanning electron microscopy</i> (SEM)	Error! Bookmark not defined.
3.2	Analisis Hasil	Error! Bookmark not defined.
BAB IV HASIL DAN PEMBAHASAN		Error! Bookmark not defined.
4.1	Determinasi Tanaman.....	Error! Bookmark not defined.
4.2	Hasil Ekstraksi Serbuk akar <i>myrmecodia tuberosa</i> Jack.....	Error! Bookmark not defined.
4.3	Hasil Pengujian Ekstrak akar <i>myrmecodia tuberosa</i> Jack.....	Error! Bookmark not defined.

4.3.1	Hasil Uji Kandungan Senyawa Ekstrak	Error! Bookmark not defined.
4.3.2	Hasil Uji Kandungan Senyawa pada sediaan.	Error! Bookmark not defined.
4.3.3	Organoleptis Nanopartikel Polimer..	Error! Bookmark not defined.
4.5	Karakteristik Nanopartikel Polimer PLGA	Error! Bookmark not defined.
4.5.1	Ukuran Partikel	Error! Bookmark not defined.
4.5.2	Nilai Zeta Potensial	Error! Bookmark not defined.
4.5.3	Pengujian Morfologi	Error! Bookmark not defined.
4.5.3.1	<i>scanning electron microscopy</i> (SEM)	Error! Bookmark not defined.
BAB V KESIMPULAN DAN SARAN		Error! Bookmark not defined.
5.1	Kesimpulan.....	Error! Bookmark not defined.
5.2	Saran.....	Error! Bookmark not defined.
DAFTAR PUSTAKA		34
LAMPIRAN		36

DAFTAR GAMBAR

Gambar 2.1	<i>Myrmecodia tuberosa</i> Jack	4
Gambar 2.2	Struktur Kimia Polivinil Alkohol	5
Gambar 2.3	Struktur PLGA	6
Gambar 2.4	Rangkaian Alat SEM	7
Gambar 3.1	<i>Skema Penelitian</i>	12
Gambar 4.1	Hasil KLT ekstrak.....	18
Gambar 4.2	Hasil KLT ekstrak vs sediaan.....	19
Gambar 4.3	Reaksi uji dragendorf	21
Gambar 4.4	Reaksi steroid dengan reagen Lieberman-Buchard.....	22
Gambar 4.5	Reaksi hidrolisis saponin dalam air.....	24
Gambar 4.6	hasil uji ekstrak dan sediaan	24
Gambar 4.7	Organoleptis Nanopartikel Polimer.....	26
Gambar 4.8	Hasil morfologi SEM.....	30

DAFTAR TABEL

Tabel 2.1 Stabilitas berdasarkan nilai zeta potensial	8
Tabel 3.1 Formula nanopartikel polimer	14
Tabel 4.1 Hasil Uji Organoleptik	17
Tabel 4.2 Hasil Uji Fitokimia Ekstrak	20
Tabel 4.3 Nilai ukuran partikel, PDI formulasi dan zeta potensial	27