

DAFTAR ISI

HALAMAN JUDUL	Error! Bookmark not defined.
LEMBAR PERSETUJUAN	Error! Bookmark not defined.
LEMBAR PENGESAHAN	Error! Bookmark not defined.
LEMBAR PERTANYAAN	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
ABSTRAK	Error! Bookmark not defined.
ABSTRACT	Error! Bookmark not defined.
DAFTAR ISI.....	ix
DAFTAR GAMBAR.....	xi
DAFTAR TABEL	xii
DAFTAR LAMPIRAN	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 Penelitian.....	Error! Bookmark not defined.
1.4 Manfaat Penelitian.....	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA.....	Error! Bookmark not defined.
2.1 Sotong.....	Error! Bookmark not defined.
2.1.1 Klasifikasi Sotong.....	Error! Bookmark not defined.
2.1.2 Morfologi Sotong.....	Error! Bookmark not defined.
2.2 Kitin.....	Error! Bookmark not defined.
2.3 Kitosan.....	Error! Bookmark not defined.
2.3.1 Uraian Umum Kitosan	Error! Bookmark not defined.
2.3.2 Sifat- Sifat Kitosan.....	Error! Bookmark not defined.
2.3.3 Sintesis Kitosan.....	Error! Bookmark not defined.
BAB III METODE PENELITIAN	Error! Bookmark not defined.

3.1 Bahan Penelitian.....	Error! Bookmark not defined.
3.2 Peralatan Penelitian	Error! Bookmark not defined.
3.3 Lokasi Penelitian dan Waktu Penelitian.....	Error! Bookmark not defined.
3.4 Prosedur Percobaan	Error! Bookmark not defined.
3.4.1 Preparasi Bahan Baku Tulang Sotong ...	Error! Bookmark not defined.
3.4.2 Sintesis Kitosan.....	Error! Bookmark not defined.
3.5 Diagram Alir Penelitian.....	Error! Bookmark not defined.
BAB IV HASIL DAN PEMBAHASAN	Error! Bookmark not defined.
4.1 Determinasi Hewan	Error! Bookmark not defined.
4.2 Preparasi Bahan Baku	Error! Bookmark not defined.
4.3 Proses Sintesis Kitosan.....	Error! Bookmark not defined.
4.4 Identifikasi Senyawa Kitosan.....	Error! Bookmark not defined.
4.5 Karakteristik Kitosan.....	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.....	Error! Bookmark not defined.
LAMPIRAN.....	Error! Bookmark not defined.
RIWAYAT PENULIS.....	Error! Bookmark not defined.

DAFTAR GAMBAR

Gambar 2. 1 Sotong (a), Tulang Sotong (b) (Dokumentasi pribadi, 2020).. Error! Bookmark not defined.
Gambar 2. 2 Struktur Kimia Kitin dan Kitosan (Prado-Audelo <i>et al.</i> , 2020) Error! Bookmark not defined.
Gambar 3. 1 Diagram Alir Penelitian Error! Bookmark not defined.
Gambar 4. 1 Tulang Sotong (a), Serbuk Tulang Sotong (b)..... Error! Bookmark not defined.
Gambar 4. 2 Reaksi Pencampuran Serbuk Tulang Sotong dengan HCl Error! Bookmark not defined.
Gambar 4. 3 Demineralisasi Error! Bookmark not defined.
Gambar 4. 4 <i>Crude</i> Kitin Error! Bookmark not defined.
Gambar 4. 5 Deproteinisasi Error! Bookmark not defined.
Gambar 4. 6 Reaksi Deproteinisasi (Tobing <i>et al.</i> , 2011) .. Error! Bookmark not defined.
Gambar 4. 7 Kitin Error! Bookmark not defined.
Gambar 4. 8 Reaksi Deasetilasi (Fadli <i>et al.</i> , 2017) Error! Bookmark not defined.
Gambar 4. 9 Deasetilasi 4 jam (a), Deasetilasi 6 jam (b), Deasetilasi 8 jam (c) Error! Bookmark not defined.
Gambar 4. 10 Kitosan Deasetilasi 4 jam (a), Kitosan Deasetilasi 6 jam (b), Kitosan Deasetilasi 8 jam (c)..... Error! Bookmark not defined.
Gambar 4. 11 Hasil FTIR Kitosan Deasetilasi 4 jam Error! Bookmark not defined.
Gambar 4. 12 Hasil FTIR Kitosan Deasetilasi 6 jam Error! Bookmark not defined.
Gambar 4. 13 Hasil FTIR Kitosan Deasetilasi 8 jam Error! Bookmark not defined.
Gambar 4. 14 Rendemen Kitosan Error! Bookmark not defined.
Gambar 4. 15 Kadar Air Kitosan Error! Bookmark not defined.
Gambar 4. 16 Kadar Abu Kitosan Error! Bookmark not defined.
Gambar 4. 17 Kelarutan Kitosan Dalam Asam Asetat 2%. Error! Bookmark not defined.
Gambar 4. 18 Derajat Deasetilasi Kitosan Error! Bookmark not defined.

DAFTAR TABEL

Tabel 2. 1 Komponen Tulang Sotong (A. J. Tony Hendry dalam Bella, 2016)

.....**Error! Bookmark not defined.**



DAFTAR LAMPIRAN

Lampiran 1 Hasil Determinasi Hewan Sotong.....	Error! Bookmark not defined.
Lampiran 2 Lembar Bimbingan Tugas Akhir Dosen Pembimbing 1	Error! Bookmark not defined.
Lampiran 3 Lembar Bimbingan Tugas Akhir Dosen Pembimbing 2	Error! Bookmark not defined.
Lampiran 4 Surat Rekomendasi Melakukan Penelitian Tugas Akhir	Error! Bookmark not defined.
Lampiran 5 Lembar Pengesahan Proposal	Error! Bookmark not defined.
Lampiran 6 Sertifikat Analisis Pengujian FTIR...	Error! Bookmark not defined.
Lampiran 7 Surat Bebas Peminjaman Alat	Error! Bookmark not defined.
Lampiran 8 Surat Permohonan Izin Penelitian	Error! Bookmark not defined.
Lampiran 9 <i>Certificate of Analysis</i> HCl (<i>pro analys</i>)	Error! Bookmark not defined.
Lampiran 10 <i>Certificate of Analysis</i> NaOH (<i>pro analys</i>)...	Error! Bookmark not defined.
Lampiran 11 <i>Certificate of Analysis</i> Aquades.....	Error! Bookmark not defined.
Lampiran 12 Alat Yang Digunakan	Error! Bookmark not defined.
Lampiran 13 Alat Yang Digunakan (Lanjutan) ...	Error! Bookmark not defined.
Lampiran 14 Alat Yang Digunakan (Lanjutan) ...	Error! Bookmark not defined.
Lampiran 15 Bahan Yang Digunakan.....	Error! Bookmark not defined.
Lampiran 16 Preparasi Bahan Baku Tulang Sotong	Error! Bookmark not defined.
Lampiran 17 Demineralisasi	Error! Bookmark not defined.
Lampiran 18 Deproteinisasi	Error! Bookmark not defined.
Lampiran 19 Deasetilasi 4 Jam	Error! Bookmark not defined.
Lampiran 20 Deasetilasi 6 Jam	Error! Bookmark not defined.
Lampiran 21 Deasetilasi 8 Jam	Error! Bookmark not defined.
Lampiran 22 Kitin dan Kitosan	Error! Bookmark not defined.
Lampiran 23 Uji Kadar Air	Error! Bookmark not defined.
Lampiran 24 Uji Kadar Abu.....	Error! Bookmark not defined.
Lampiran 25 Uji Kelarutan.....	Error! Bookmark not defined.
Lampiran 26 Hasil Pengujian FTIR	Error! Bookmark not defined.
Lampiran 27 Hasil Pengujian FTIR (Lanjutan) ...	Error! Bookmark not defined.
Lampiran 28 Perhitungan Rendemen	Error! Bookmark not defined.
Lampiran 29 Perhitungan Rendemen (Lanjutan) .	Error! Bookmark not defined.
Lampiran 30 Perhitungan Kadar Air	Error! Bookmark not defined.
Lampiran 31 Perhitungan Kadar Abu	Error! Bookmark not defined.
Lampiran 32 Perhitungan Derajat Deasetilasi.....	Error! Bookmark not defined.

Lampiran 33 Perhitungan Derajat Deasetilasi Kitosan 4 jam ... **Error! Bookmark not defined.**

Lampiran 34 Perhitungan Derajat Deasetilasi Kitosan 6 jam ... **Error! Bookmark not defined.**

Lampiran 35 Perhitungan Derajat Deasetilasi Kitosan 8 jam ... **Error! Bookmark not defined.**

