

DAFTAR ISI

HALAMAN PENGESAHAN	ii
PERNYATAAN KEASLIAN	iii
HALAMAN PERSEMBAHAN	Error! Bookmark not defined.
KATA PENGANTAR	Error! Bookmark not defined.
DAFTAR ISI	1
DAFTAR GAMBAR	Error! Bookmark not defined.
DAFTAR TABEL	4
BAB I PENDAHULUAN	Error! Bookmark not defined.
1.1 Latar Belakang	Error! Bookmark not defined.
1.2 Perumusan Masalah	Error! Bookmark not defined.
1.3 Tujuan penelitian	Error! Bookmark not defined.
1.2 Manfaat penelitian	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA	Error! Bookmark not defined.
2.1 Tinjauan Pustaka	Error! Bookmark not defined.
2.2 Hipotesis	Error! Bookmark not defined.
BAB III DASAR TEORI	Error! Bookmark not defined.
3.1 Tanaman Labu Kuning	Error! Bookmark not defined.
3.2 Tepung Labu Kuning	Error! Bookmark not defined.
3.3 Protein	Error! Bookmark not defined.
3.4 Karbohidrat	Error! Bookmark not defined.
3.4.1 Monosakarida.....	Error! Bookmark not defined.
3.4.2 Oligosakarida	Error! Bookmark not defined.
3.4.3 Polisakarida.....	Error! Bookmark not defined.
3.5 Serat	Error! Bookmark not defined.
3.6 β -karoten	Error! Bookmark not defined.
3.7 Radikal Bebas	Error! Bookmark not defined.
3.8 Antioksidan	Error! Bookmark not defined.
3.9 Metode DPPH (<i>1,1-difenill-2-pikrilhidrazil</i>)	Error! Bookmark not defined.

3.10 Fermentasi.....	Error! Bookmark not defined.
3.11 Bakteri Asam Laktat (BAL).....	Error! Bookmark not defined.
3.12 Spektrofotometer UV-Vis	Error! Bookmark not defined.
BAB IV METODOLOGI PENELITIAN	Error! Bookmark not defined.
4.1 Alat.....	Error! Bookmark not defined.
4.2 Bahan	Error! Bookmark not defined.
4.3 Cara Kerja	Error! Bookmark not defined.
4.3.1 Pembuatan dan Perhitungan Jumlah Koloni <i>Lactobacillus casei</i>	Error! Bookmark not defined.
4.3.2 Pembuatan Tepung Labu Kuning.....	Error! Bookmark not defined.
4.3.3 Penentuan Kadar Protein.....	Error! Bookmark not defined.
4.3.4 Penentuan Kadar Karbohidrat.....	Error! Bookmark not defined.
4.3.5 Penentuan Kadar Serat	Error! Bookmark not defined.
4.3.6 Penentuan Kadar β -karoten	Error! Bookmark not defined.
4.3.7 Uji Aktivitas Antioksidan	Error! Bookmark not defined.
BAB V HASIL DAN PEMBAHASAN	Error! Bookmark not defined.
5.1 Inokulasi dan perhitungan Kultur Bakteri.....	Error! Bookmark not defined.
5.2 Pembuatan Tepung labu kuning.....	Error! Bookmark not defined.
5.3 Penentuan Kadar Protein.....	Error! Bookmark not defined.
5.4 Penentuan Kadar Karbohidrat.....	Error! Bookmark not defined.
5.5 Penentuan Kadar Serat Kasar.....	Error! Bookmark not defined.
5.6 Penentuan Kandungan β -karoten	Error! Bookmark not defined.
5.7 Penentuan Aktivitas Antioksidan.....	Error! Bookmark not defined.
BAB VI KESIMPULAN DAN SARAN	Error! Bookmark not defined.
DAFTAR PUSTAKA.....	Error! Bookmark not defined.
LAMPIRAN.....	Error! Bookmark not defined.

DAFTAR GAMBAR

- Gambar 1.** Labu Kuning (*Cucurbita moschata*).....**Error! Bookmark not defined.**
- Gambar 2.** Sumber Protein**Error! Bookmark not defined.**
- Gambar 3.** Sumber Karbohidrat**Error! Bookmark not defined.**
- Gambar 4.** Sumber Serat**Error! Bookmark not defined.**
- Gambar 5.** Struktur kimia β -karoten (Winarni, 2006).....**Error! Bookmark not defined.**
- Gambar 6.** Larutan (a)= Media Broth, (b)=Bakteri, (c)=Deret larutan Standar Mc Farland**Error! Bookmark not defined.**
- Gambar 7.** Kurva Standar Mc Farland**Error! Bookmark not defined.**
- Gambar 8.** Tepung Labu Kuning, a=Tanpa Perlakuan, b=Fermentasi 24 Jam, c=Fermentasi 36 Jam, dan d=Fermentasi 48 Jam.....**Error! Bookmark not defined.**
- Gambar 9.** Pengukuran pH pada Tepung Labu Kuning**Error! Bookmark not defined.**
- Gambar 10.** Proses Destruksi Sampel Tepung**Error! Bookmark not defined.**
- Gambar 11.** Larutan Sampel, a=Sebelum Titrasi, b=Setelah Titrasi **Error! Bookmark not defined.**
- Gambar 12.** Mekanisme Reaksi Analisis Gula Reduksi.....**Error! Bookmark not defined.**
- Gambar 13.** Kurva Standar Glukosa.....**Error! Bookmark not defined.**
- Gambar 14.** Proses Refluks**Error! Bookmark not defined.**
- Gambar 15.** Sampel Kering**Error! Bookmark not defined.**
- Gambar 16.** Proses Maserasi Tepung Labu Kuning**Error! Bookmark not defined.**
- Gambar 17.** Kurva Standar β -karoten.....**Error! Bookmark not defined.**
- Gambar 18.** Diagram Batang Pengaruh Fermentasi Terhadap Kadar β -karoten **Error! Bookmark not defined.**
- Gambar 19.** Reaksi Penangkapan Hidrogen Oleh DPPH dari Zat Antioksidan (Sharma dkk, 2010)**Error! Bookmark not defined.**

DAFTAR TABEL

- Tabel 1.** Hasil analisis kadar gizi daging buah labu kuning per 100 gram...**Error! Bookmark not defined.**
- Tabel 2.** Komposisi kimia Labu Kuning segar dan Tepung Labu Kuning...**Error! Bookmark not defined.**
- Tabel 3.** Kadar gizi terhadap aneka tepung umbi-umbian dan buah-buahan**Error! Bookmark not defined.**
- Tabel 4.** Hasil Analisis Kandungan Serat Kasar Tepung Labu Kuning dan Mocaf..... **Error! Bookmark not defined.**
- Tabel 5.** Karoten yang diperoleh dari alam**Error! Bookmark not defined.**
- Tabel 6.** Standar Mc Farland**Error! Bookmark not defined.**
- Tabel 7.** Kadar Protein Tepung Labu Kuning (*Cucurbita moschata*)... **Error! Bookmark not defined.**
- Tabel 8.** Kadar Karbohidrat Tepung Labu Kuning (*Cucurbita moschata*) ..**Error! Bookmark not defined.**
- Tabel 9.** Kadar Serat Kasar Tepung Labu Kuning (*Cucurbita moschata*)...**Error! Bookmark not defined.**
- Tabel 10.** Kadar β -karoten Sampel Tepung Labu Kuning (*Cucurbita moschata*) **Error! Bookmark not defined.**
- Tabel 11.** Nilai IC₅₀ sampel ekstrak Tepung Labu Kuning**Error! Bookmark not defined.**
- Tabel 12.** Hasil Uji Kadar β -karoten dan Nilai IC₅₀ Pada Ekstrak Sampel Tepung **Error! Bookmark not defined.**
- Tabel 13.** Hasil Analisis Aktivitas Antioksidan Tepung Labu Kuning dan Mocaf..... **Error! Bookmark not defined.**
- Tabel 14.** Tingkat Kekuatan Antioksidan Dengan Metode DPPH..... **Error! Bookmark not defined.**

