

PERSETUJUAN PEMBIMBING

Karya Tulis Ilmiah yang Berjudul

**UJI ALT CEMARAN BAKTERI PADA MAKANAN JAJANAN DIPASAR
TRADISIONAL KECAMATAN GENTUMA RAYA KABUPATEN
GORONTALO UTARA**

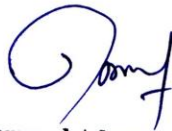
Oleh

SRY ELHAYATI PATILIMA

821312025

Telah diperiksa dan disetujui untuk diuji

Pembimbing I



Mohammad Adam Mustapa S.Si.,M.Si
NIP :19770422 200604 1 003

Pembimbing II



Nur Ain Thomas, S.Si.,M.Si.,Apt
NIP : 19821231 200801 2 012

Mengetahui:

Ketua Program Studi DIII Farmasi



Mohammad Adam Mustapa S.Si.,M.Si
NIP :19770422 200604 1 003

LEMBAR PENGESAHAN

Karya Tulis Ilmiah Yang Berjudul

**UJI ALT CEMARAN BAKTERI PADA MAKANAN JAJANAN DIPASAR
TRADISIONAL KECAMATAN GENTUMA RAYA KABUPATEN
GORONTALO UTARA**

Oleh

SRy ELHAYATI PATILIMA

821312025

Telah dipertahankan di depan dewan penguji

Hari/Tanggal : Selasa, 17 Mei 2016

Waktu : 13.00 WITA s/d selesai

Tim Penguji :

1. **Dr. Widysusanti Abdul Kadir, M.Si.,Apt** _____

NIP. 19830518 201012 2 005

2. **Mohammad Adam Mustapa S.Si.,M.Si** _____

NIP :19770422 200604 1 003

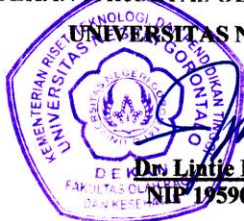
3. **Nur Ain Thomas, S.Si.,M.Si.,Apt** _____

NIP. 19821231 200801 2 012

Gorontalo, 17 Mei 2016

DEKAN FAKULTAS OLAHRAGA DAN KESEHATAN

UNIVERSITAS NEGERI GORONTALO



Dr. Lintje Boekoese, M.Kes

NIP. 1959010 198603 2 003

ABSTRACT

Sry Elhayati Patilim, 2016. *ALT Test of Bacteria Contamination on Snack at Traditional Market of Gentumma Raya Sub-Districts, Gorontalo Utara Districts, Scientific Paper, Diploma Program, Department of Pharmacy, Faculty of Sports and Health, State University of Gorontalo. The Principal Supervisor was Muhammad Adam Mustapa, S.Si., M.Si and the Co-Supervisor was Nur Ain Thomas, S.Si., M.Si., Apt.*

Snack is food and drink which prepare and sell by street vendor at street and crowded places that the buyer eat directly and consume the snack without proper processing and preparing. This research aimed at investigating Bacteria Contamination on Snack at Traditional Market of Gentumma Raya sub-districts, Gorontalo Utara districts which exceeded the threshold that set by Indonesia National Standard. This research used quantitative based on facts that gained from the field or experiment result at laboratory. This research used Pit Plate method with 3 different sample namely Molen, Bakwan and Stuffed soybean cake taken from traditional market of Gentumma Raya sub-districts, Gorontalo Utara districts. Research result showed that molen sample had contaminated as much as $0,6 \times 10^2$ but it does not exceed the maximum limit of Indonesia National Standard which is 1×10^4 koloni/g, Stuffed soybean cake is also contaminated as much as $0,3 \times 10^2$ but it does not also exceed the Indonesia National Standard which is 1×10^4 koloni/g while bakwan has contaminated as much as $1,4 \times 10^2$ and it does not exceed the maximum limit of Indonesia National Standard which is 1×10^4 koloni/g.

Keywords: ALT, Bacteria contamination, snack at traditional market

ABSTRACT

Sry Elhayati Patilim, 2016. *ALT Test of Bacteria Contamination on Snack at Traditional Market of Gentumma Raya Sub-Districts, Gorontalo Utara Districts, Scientific Paper, Diploma Program, Department of Pharmacy, Faculty of Sports and Health, State University of Gorontalo. The Principal Supervisor was Muhammad Adam Mustapa, S.Si., M.Si and the Co-Supervisor was Nur Ain Thomas, S.Si., M.Si., Apt.*

Snack is food and drink which prepare and sell by street vendor at street and crowded places that the buyer eat directly and consume the snack without proper processing and preparing. This research aimed at investigating Bacteria Contamination on Snack at Traditional Market of Gentumma Raya sub-districts, Gorontalo Utara districts which exceeded the threshold that set by Indonesia National Standard. This research used quantitative based on facts that gained from the field or experiment result at laboratory. This research used Pit Plate method with 3 different sample namely Molen, Bakwan and Stuffed soybean cake taken from traditional market of Gentumma Raya sub-districts, Gorontalo Utara districts. Research result showed that molen sample had contaminated as much as $0,6 \times 10^2$ but it does not exceed the maximum limit of Indonesia National Standard which is 1×10^4 koloni/g, Stuffed soybean cake is also contaminated as much as $0,3 \times 10^2$ but it does not also exceed the Indonesia National Standard which is 1×10^4 koloni/g while bakwan has contaminated as much as $1,4 \times 10^2$ and it does not exceed the maximum limit of Indonesia National Standard which is 1×10^4 koloni/g.

Keywords: ALT, Bacteria contamination, snack at traditional market

