

THESIS

**EFFECTS OF MIXED YEAST (*Wickerhamomyces anomalus* AND
Kluyveromyces lactis) INOCULATION ON THE VOLATILE COMPOUND
COMPOSITION OF ARABICA COFFEE BEANS (*Coffea arabica*)**



**WHITNEY JOVANKA UTAMI
20/467649/PTP/01781**

**DEPARTMENT OF FOOD AND AGRICULTURAL PRODUCT
TECHNOLOGY
FACULTY OF AGRICULTURAL TECHNOLOGY
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2023**

THESIS

**EFFECTS OF MIXED YEAST (*Wickerhamomyces anomalus* AND
Kluyveromyces lactis) INOCULATION ON THE VOLATILE COMPOUND
COMPOSITION OF ARABICA COFFEE BEANS (*Coffea arabica*)**

This Undergraduate Thesis is Submitted
as Partial Fulfillment of the Requirements for Master's Degree
of Department of Food and Agricultural Products Technology
Faculty of Agricultural Technology



By :

WHITNEY JOVANKA UTAMI

20/467649/PTP/01781

**DEPARTMENT OF FOOD AND AGRICULTURAL PRODUCT
TECHNOLOGY
FACULTY OF AGRICULTURAL TECHNOLOGY
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2023**

TESIS

**Effects of Mixed Yeast (*Wickerhamomyces anomalus* and *Kluyveromyces lactis*) Inoculation on
The Volatile Compound Composition of Arabica Coffee Beans (*Coffea arabica*)**

Dipersembahkan dan disusun oleh

Whitney Jovanka Utami

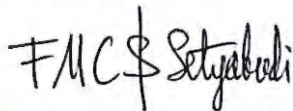
20/467649/PTP/01781

Telah dipertanggungjawabkan di depan Dewan Penguji

Pada tanggal, 5 Juni 2023

Susunan Dewan Penguji

Pembimbing Utama



Dr. nat. techn. Francis M.C. Sigit Setyabudi, STP, M.P.

Anggota Dewan Penguji Lain



Dr. Arima Diah Setiowati, S.T.P., M.Sc.

Pembimbing Pendamping I



Dr. Dian Anggraini, STP., MP., M.Eng.



Dr. Manikharda, S.T.P., M.Agr.

Tesis ini telah diterima sebagai salah satu persyaratan
untuk memperoleh gelar Magister
Magister Ilmu dan Teknologi Pangan

Tanggal : **13 JUL 2023**

Fakultas Teknologi Pertanian

Universitas Gadjah Mada

Dekan



Prof. Dr. Ir. Eni Harmayani, M.Sc.

DECLARATION OF AUTHENTICITY

I, herewith declare that I am Whitney Jovanka Utami wrote this thesis on my own and did not use any unnamed sources or aid. Thus, to the best of my knowledge and belief, this thesis contains no material previously published or written by another person except where due reference is made by correct citation. All contents of this thesis are fully under my responsibility.

This thesis is supervised by Dr.nat.techn. Francis M.C. Sigit Setyabudi, S.T.P, M.P. and Dr. Dian Anggraini Suroto, S.T.P., M.P. and has never been submitted for another degree to any other university or institution.

Yogyakarta, May 23rd 2023



Whitney Jovanka Utami
20/467649/PTP/01781