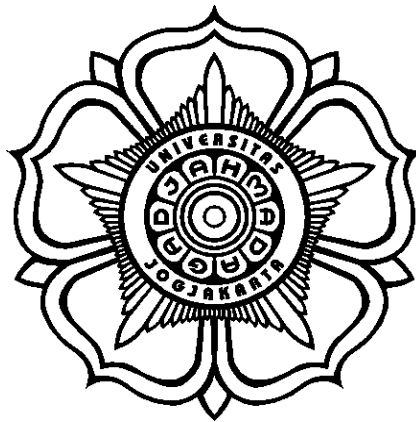


THESIS

**ULTRASOUND-ASSISTED SIMULTANEOUS EXTRACTION FOR
SEROTONIN AND TRYPTOPHAN FROM TOMATOES
(*Solanum lycopersicum* L.)**



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GADJAH MADA UNIVERSITY
YOGYAKARTA
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Presented and complied by
Gisela Karina Asti
21/489403/PTP/01872

Has been defended in front of the Examiner board
on the date December 12th 2023

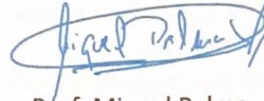
Examiner Board Composition

Supervisor



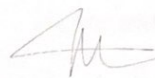
Dr. Widiastuti Setyaningsih, S.T.P., M.Sc.

Co-Supervisor



Prof. Miguel Palma

Co-Supervisor



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

Board Examiners



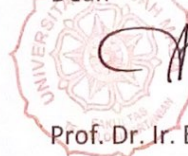
Prof. Dr. Rudi Hari Murti, S.P., M.P.

This thesis has been accepted as a requirement
to obtain the degree of Master
Master in Food Science and Technology

Date : 20 DEC 2023

Faculty of Agricultural Technology
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Prof. Dr. Ir. Eni Harmayani, M.Sc.