

THESIS

**OPTIMIZATION OF ANTIOXIDANT ACTIVITY AND
SENSORY ACCEPTABILITY OF JAVA TEA-BASED
FUNCTIONAL DRINK ENRICHED WITH
RED FRUIT OIL EMULSION**

Written as partial fulfillment of the academic requirements
to obtain the degree of *Sarjana Teknologi Pertanian Strata Satu*

By:

NAME : MEI DIANA SONATHA
NPM : 00000007222



**FOOD TECHNOLOGY STUDY PROGRAM
FACULTY OF SCIENCE AND TECHNOLOGY
PELITA HARAPAN UNIVERSITY
TANGERANG
2018**



STATEMENT OF THESIS AUTHENTICITY

I, a student of Food Technology Study Program, Faculty of Science and Technology, Universitas Pelita Harapan,

Name : Mei Diana Sonatha
Student Id. Number : 00000007222
Study Program : Food Technology

hereby declare that my thesis, entitled **“OPTIMIZATION OF ANTIOXIDANT ACTIVITY AND SENSORY ACCEPTABILITY OF JAVA TEA-BASED FUNCTIONAL DRINK ENRICHED WITH RED FRUIT OIL EMULSION”** is:

- 1) An original piece of work, written and completed on my own, based on lecture notes, data observation, reference books, journals and other sources as listed on the work cited section.
- 2) Not a duplication of other writings which have been published or used for obtaining the degree of *Sarjana* in any Universities, except for passages that include information on respective references.
- 3) Not a translation of other work.

I understand that if my statement above is proven untrue, this Thesis will be cancelled.

Tangerang, February 13th, 2018



(MEI DIANA SONATHA)



UNIVERSITAS PELITA HARAPAN
FACULTY OF SCIENCE AND TECHNOLOGY

APPROVAL BY THESIS SUPERVISORS

**OPTIMIZATION OF ANTIOXIDANT ACTIVITY AND
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Written by:

Name : Mei Diana Sonatha
Student Id. Number : 00000007222
Study Program : Food Technology

has been examined in the thesis examination for obtaining the degree of *Sarjana Teknologi Pertanian Strata Satu* in the Food Technology Study Program, Faculty of Science and Technology, Universitas Pelita Harapan, Tangerang, Banten.

Tangerang, February 13th, 2018

Approved by:

Supervisor

Co-Supervisor

(Prof. Dr. Ir. C. Hanny Wijaya, M.Agr.)

(Natania, M.Eng.)

Acknowledged by:

Head of Food Technology Study Program

Dean

(Ir. W. Donald K. Pokatong, M.Sc., Ph.D.)

(Eric Jubilong, Ph.D.)



UNIVERSITAS PELITA HARAPAN
FACULTY OF SCIENCE AND TECHNOLOGY

APPROVAL BY THESIS EXAMINATION COMMITTEE

We the undersigned, certify that a thesis defense has been held on Tuesday, January 30th, 2018 as partial fulfillment of the academic requirements to obtain the degree of *Sarjana Teknologi Pertanian Strata Satu* in Food Technology Study Program, Faculty of Science and Technology, Universitas Pelita Harapan, for the student:

Name : Mei Diana Sonatha
Student Id. Number : 00000007222
Study Program : Food Technology
Faculty : Science and Technology

with the following title "OPTIMIZATION OF ANTIOXIDANT ACTIVITY AND SENSORY ACCEPTABILITY OF JAVA TEA-BASED FUNCTIONAL DRINK ENRICHED WITH RED FRUIT OIL EMULSION", and that the thesis was successfully defended, henceforth approved by the examination committee.

Examiners

Signature

1. Dr. Ir. Hardoko, MS.

Head of Examiners

2. Yuniwaty Halim, M.Sc.

Member

3. Prof. Dr. Ir. C. Hanny Wijaya, M.Agr.

Member



**PERNYATAAN PERSETUJUAN PUBLIKASI KARYA TUGAS
AKHIR DI SITUS PERPUSTAKAAN UNTUK KEPENTINGAN
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Yang bertanda tangan di bawah ini, saya:

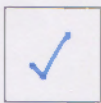
Nama : MEI DIANA SONATHA

Fakultas : SCIENCE AND TECHNOLOGY

Jurusan/ Program Studi : FOOD TECHNOLOGY

No. Pokok Mahasiswa : 00000007222

demi pengembangan ilmu pengetahuan, menyetujui bahwa (isilah dengan tanda \checkmark pada kotak yang disediakan) :



Abstrak karya tugas akhir saya (berupa skripsi/tesis/disertasi/tugas akhir/dll), yang berjudul ..

OPTIMIZATION OF ANTIOXIDANT ACTIVITY AND SENSORY ACCEPTABILITY OF JAVA TEA-BASED FUNCTIONAL DRINK ENRICHED WITH RED FRUIT OIL EMULSION



Teks Lengkap (*Full-text*) karya tugas akhir saya (berpua skripsi/tesis/deisertasi/tugas akhir/dll), beserta perangkat yang diperlukan (bila ada) yang berjudul ..

OPTIMIZATION OF ANTIOXIDANT ACTIVITY AND SENSORY ACCEPTABILITY OF JAVA TEA-BASED FUNCTIONAL DRINK ENRICHED WITH RED FRUIT OIL EMULSION

untuk dipublikasikan pada situs Perpustakaan oleh Universitas/ Sekolah Tinggi Pelita Harapan bagi keperluan akademis.

Demikian Surat Pernyataan ini saya buat dengan sebenarnya.

Dibuat di : TANGERANG

Tanggal : 23 FEBRUARI 2018

Yang membuat pernyataan



(MEI DIANA SONATHA)