

**APPROVAL SHEET  
THESIS DEFENCE**

It is hereby stated that the thesis with the title :

**FORMULATION AND TESTING OF PHYSICAL CHARACTERISTICS  
OF HERBAL LIP BALM PREPARATIONS OF (*Areca catechu Linn*) SEED  
EXTRACTS AS NATURAL DYE**

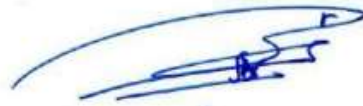
Written by:

**Stevania Bunga Madaniah  
402019718030**

It has been reviewed and recommended to meet scientific standards, in terms of both scope and quality.

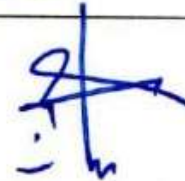
**Mentor 1**

apt. Satwika Budi Sawitri, M.Farm  
NIDN/NIY.210785



**Mentor 2**

apt. Ahyana Fitriani, M.Si  
NIDN/NIY. 210874



**Examiner 1**

apt. Nadia Iha Fatihah, M.Clin.Pharm  
NIDN/NIY. 210827



Head of Study Program



apt. Nadia Iha Fatihah, S.Farm., M.Clin.Pharm.

NIDN/NIY. 210827

**VALIDITY SHEET**

It is hereby stated that the thesis with the title :

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Written by:

**Stevania Bunga Madaniah  
402019718030**

It has been reviewed and recommended to meet scientific standards, in terms of both scope and quality.

**Mentor 1**

apt. Satwika Budi Sawitri. M.Farm  
NIDN/NIY.210875



**Examiner 1**

apt. Nadia Iha Fatihah, M.Clin.Pharm  
NIDN/NIY. 210827



**Examiner 2**

apt. Ahyana Fitriani, M.Si  
NIDN/NIY. 210874



**Aproved by,  
Head of Pharmacy Study Program**



apt. Nadia Iha Fatihah, S.Farm., M.Clin.Pharm.

NIDN/NIY. 210827

## DECLARATION

I hereby,

Name : Stevania Bunga Madaniah  
Registered Number : 402019718030  
Faculty : Health Science  
Department : Pharmacy  
Title : FORMULATION AND PHYSICAL  
EXAMINATION OF *Areca catechu* Linn SEED AS  
NATURAL DYE IN HERBAL LIP BALM  
PREPARATION

I sincerely declare that this thesis originally belongs to my own work and not belongs to other researchers for different degrees. Furthermore, this thesis is never published before, except for some parts with their original references.

Otherwise, if it finds that this thesis is plagiarism, I am ready to be ceased academically.

Ngawi, Jumadal Ula 21<sup>th</sup>, 1444 H  
December 15<sup>th</sup>, 2022 M

Author,



**Stevania Bunga Madaniah**  
**402019718030**

## FOREWORD

*Bismillahirrahmanirrahim...*

*Alhamdulillah Rabbi Al alamin.....*

I hereby pray Puja and praise Allah Swt for his blessings and mercy I was able to complete the preparation of this thesis. The title of my thesis is “Formulation and Test of Physical Characteristics of Herbal Lip Balm Preparations Betel Nut Seed Extract ( Areca Catechu L) As A Natural Dyes”. This thesis is submitted to meet the requirements for passing the Thesis course at the Faculty of Health, Darussalam Gontor University. It is undeniable that to complete the work on this thesis requires hard effort and prayer. However, this thesis work would not have been completed without the loved ones around me who were very supportive and helpful. My thanks go unto the :

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Ngawi, 29 November 2022

**Writer**

**(Stevania Bunga Madaniah)**

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