

# **RESEARCH AND DEVELOPMENT FINAL PROJECT**

## **Banana Blossom Crackers**



**Calvin Hakinen Salim**

**1974130010049**

**Study Of Culinary Arts OTTIMMO International  
MASTERGOURMET**

**Surabaya**

**2021**

**Approval 2**

**Banana Blossom Crackers**

Research and development report by:

**Calvin Hakinen Salim**


**1974130010049**

This report is already presented

And pass the exam on:

Examiners:

Examiner 1 : Nurul Azizah Choiriyah, S.TP.,M.Sc.



Examiner 2 : Anugerah Dany Priyanto, STP.,M.P.,M.Sc



Examiner 3 : Arya Putra Sudjaja, S.E.



## Approval 1

### RESEARCH AND DEVELOPMENT PROJECT

Name : Calvin Hakinen Salim  
Place, Date of Birth : Surabaya, 17 November 2000  
N.I.M : 1974130010049  
Study Program : D3 Seni Kuliner  
TITLE : Banana Blossom Crackers

### This paper is approved by:

Head of Culinary Arts Study Program,                      Advisor,

Date :


Date :

(Hilda Tjahjani Iskandar, S.E., Ak., CA., M.M)



NIP. 196910292002072

(Arya. Putra Sundjaja, S.E.)



NIP. 198010171703001

Director of

Akademi Kuliner dan Patiseri OTTIMO International

Date :

(Zaldy Iskandar, B.Sc)

NIP. 197310251201001

## PLAGIARISM STATEMENT

I certify that this assignment/report is my own work, based on my personal study and/or research and that I have acknowledged all material and sources used in its preparation, whether they be books, articles, reports, lecture notes, and any other kind of document, electronic or personal communication. I also certify that this assignment/report has not previously been submitted for assessment in any other unit, except where specific permission has been granted from all unit coordinators involved, or at any other time in this unit, and that I have not copied in part or whole or otherwise plagiarized the work of other students and/or persons.

In this statement, I am ready to bear the risk/any sanctions imposed to me in accordance with applicable regulations, if in the future there is a breach of scientific ethics, or you have a claim against the authenticity of my work.

Surabaya, November 25<sup>th</sup> 2021



Calvin Hakinen Salim

## PREFACE

First thing first, I would like to thank my God, Jesus Christ for his blessings and his guidance in order for me to complete this Research and Development report. The main purpose for this report is to develop a new product and it really helps Ottimmo's student to be creative and innovative as we have to create a whole new product. One of the reasons why I came up with the idea of making Banana Blossom Crackers is because cracker is very popular in Indonesia, but it is known as an unhealthy food. So that's why I'm trying to change "crackers" into a whole new level.

During this process of completing this report, I received so much guidance and support. By this, I would like to express my gratitude to the names below:

1. My parents that supported me and provided me with a good education
2. Chef Arya Putra Sundjaja, S.E. as my RnD mentor who has helped me in so many things in order for me to understand the guideline for making this report.
3. Ms. Irra Chrisyanti Dewi as the Head of Study Program at Ottimmo International.
4. Mr. Zaldy Iskandar as the head Director of Ottimmo International.
5. My dearest, Crystalia Diamonda who helped me with a lot of guidance and suggestions.

Surabaya, November 25<sup>th</sup> 2021



Calvin Hakinen Salim

## TABLE OF CONTENT

Hard Cover	
Title Page .....	1
Approval 1 .....	2
Approval 2 .....	3
PLAGIARISM STATEMENT .....	4
PREFACE .....	5
TABLE OF CONTENT .....	6
LIST OF TABLES .....	8
LIST OF PICTURES .....	9
EXECUTIVE SUMMARY .....	10
CHAPTER 1 .....	12
A. Background of The Study .....	12
B. Objective of the Study .....	12
C. Reasons Why I Use Banana Blossom .....	12
CHAPTER 2 .....	13
A. Detail Background of The Main Ingredients .....	13
B. Nutrition Value and Health Benefits of The Main Ingredients .....	16
C. Short Overview of the new Product Characteristic .....	16
D. Utensils Overview .....	17
CHAPTER 3 .....	24
A. Flow Chart .....	21
B. Recipe .....	22
C. Storing Method .....	22
CHAPTER 4 .....	23
A. Nutrition Facts .....	23
B. Description of the New Product .....	29
CHAPTER 5 .....	30
A. SWOT Analysis .....	30
B. Marketing Strategy .....	30
C. Technical Aspect .....	31
D. Legal Aspect .....	31
E. Financial Aspect .....	32

CHAPTER 6 .....	34
A. Summary .....	34
B. Suggestion and Idea About The Product.....	34
BIBLIOGRAPHY .....	35
APPENDIX.....	36
Appendix 1. Logo.....	36
Appendix 2. Label Sticker .....	36
Appendix 3. Packaging.....	37

## LIST OF TABLES

Table 1. Nutrition Facts Table .....	30
Table 2. Cost of Production .....	35
Table 3. Variable Cost .....	35
Table 4. Fixed Cost .....	36



## LIST OF PICTURES

Picture 1. Banana Blossom .....	13
Picture 2. Tapioca Flour.....	13
Picture 3. High Protein Flour .....	13
Picture 4. Garlic .....	14
Picture 5. Chicken Powder.....	14
Picture 6. Water .....	14
Picture 7. Coriander Seeds.....	14
Picture 8. Salt.....	15
Picture 9. PULI .....	15
Picture 10. Vegetable Oil.....	15
Picture 11. Gastronome.....	17
Picture 12. Blender.....	17
Picture 13. Pot.....	17
Picture 14. Wooden Spatula.....	18
Picture 15. Metal Spoon.....	18
Picture 16. Plastic.....	18
Picture 17. String .....	18
Picture 18. Digital Scale .....	19
Picture 19. Box Lid.....	19
Picture 20. Strainer.....	19
Picture 21. Stove .....	20
Picture 22. Chef Knife .....	20
Picture 23. Logo.....	36
Picture 24. Label Sticker.....	36
Picture 25. Packaging .....	37
Picture 26.Product 1 .....	37
Picture 27. Product 2 .....	37

## **EXECUTIVE SUMMARY**

Banana Blossom Crackers is basically an Indonesian style crackers but it is made from banana blossoms. The reasons why I use banana blossoms is because it is healthy and contains a lot of fibre and it is also cheap and easy to find in Surabaya.

Banana Blossom Crackers will be sold using a plastic clip equipped with stickers and labels that have been designed in such a way. Banana Blossom Crackers will be sold for IDR8.500 per pax (120 g).

## **CHAPTER I. INTRODUCTION**

- A. Background of the Study
- B. Objective of the Study
- C. Reasons Why I Use Banana Blossom

## **CHAPTER II. INGREDIENTS AND UTENSILS OVERVIEW**

- A. Detail Background of the Main Ingredients
- B. Nutrition Value and Health Benefits of the Main Ingredients
- C. Short Overview of the new Product Characteristic
- D. Ingredients Overview
- F. Utensils Overview

## **CHAPTER III. NEW PRODUCT PROCESSING SEQUENCE**

- A. Flow Chart
- B. Recipe
- C. Storing Method

## **CHAPTER IV. NEW PRODUCT OVERVIEW**

- A. Nutrition Fact
- B. Description About the New Product

## **CHAPTER V. BUSINESS PLAN**

- A. SWOT Analysis
- B. Marketing Strategy
- C. Technical Aspect
- D. Legal Aspect
- E. Financial Aspect

## **CHAPTER VI. CONCLUSION**

- A. Summary
- B. Suggestion and Idea about the Products

## **BIBLIOGRAPHY**

## **APPENDIX**