CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT REPORT

UTILIZATION OF KLUWIH FRUIT AS THE MAIN INGREDIENT FOR MAKING SAVORY SPREADS



ARRANGED BY AGNES CLAUDYA JESICA PATIRANI 2274130010062

CULINARY ARTS STUDY PROGRAM
OTTIMMO INTERNASIONAL
MASTER GOURMET ACADEMY
SURABAYA

2024

PLAGIARISM STATEMENT

I certify that this assignment is my own work, based on my personal study and 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.

On 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 scientist fic ethics, or you have a claim against the authenticity of my work.

Surabaya, October 3rd, 2024

Agnes Claudya Jesica Patirani

APPROVAL 1

CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT PROJECT

: Agnes Claudya Jesica Patirani Name

: Bajawa, April 20th 2004 Place, Date of Birth

: 2274130010062 NIM Study Program : D3 Culinary Art

: UTILIZATION OF KLUWIH FRUIT AS THE MAIN TITLE

INGREDIENT FOR MAKING SAVORY SPREADS

This paper is approved by:

Head of Culinary Arts Study Program,

June 27th, 2024

Heni Adhianata, S.TP., M.Sc NP. 19900613 1402 016

Advisor,

June 27th, 2024

Filias Kusuma S.E., M.M

NIP. 19871203 2403 023

Director of

Ottimmo International Master Gourmet Academy
June 27th, 2024

NIP. 19731025 1201 001

APPROVAL 2

UTILIZATION OF KLUWIH FRUIT AS THE MAIN INGREDIENT FOR MAKING SAVORY SPREADS

Culinary Innovation and New Product Development report by:

Agnes Claudya Jesica Patirani

2274130010062

This report is already presented and pass the exam on: (October 03rd, 2024)

This paper has been approved by:

Advisor : Filias Kusuma, S.E., M.M

1st Examiner : Novi Indah Permata Sari, S.T., M.Sc.

2nd Examiner : Michael Valent, A.Md. Par.

PREFACE

Praise be to God Almighty because on this occasion I was able to complete this report. Completion of this report intended to fulfill the requirements for participating in an internship.

I also take this opportunity to express my gratitude to:

- Chef Zaldy Iskandar, B. Sc as director of Ottimmo International Culinary Art and Patisserie Academy.
- 2. Mr. Filias Kusuma, S.E., M.M as advisor.
- 3. Ms. Heni Adhianata, S.TP., M.Sc as head of Culinary art study program.
- 4. My Mother, who always support and help me in personally and providing moral & material support for me.
- My friend who has supported the progress of thus report from beginning to end.

That is all I can say, I apologize if there are errors or inconsistence in the use of words or sentences. Hopefully, the following report is helpful for the readers. Thank you.

Surabaya, October 03rd 2024

Agnes Claudya Jesica Patirani

ABSTRACT

Spread is a food in the form of a paste or spread that is typically used to enhance the flavor, texture, or nutritional value of foods such as bread, biscuits, or crackers. Spread is generally convenient and often consumed during breakfast, but it can also be enjoyed at other times, such as for a light lunch or dessert, depending on the type. Spread can be made from various ingredients, including fruits, nuts, cheese, or seasonings. Typically, spreads have a sweet taste, such as fruit jams and honey, or a savory flavor like cream cheese, butter, and margarine. As time progresses, health concerns such as obesity and diabetes have become key considerations for many people. Therefore, this research aims to create a plant-based spread that is both healthy and nutritionally rich, made from a local ingredient, kluwih fruit. This spread is also designed for those who cannot consume animal products. The research results show that the rica-rica kluwih spread has a good texture and appearance. The nutrition value of rica-rica kluwih spread stated that it has 60 Cal/serving with a serving size of 20 g. In addition, the selling price of rica-rica kluwih spread is Rp. 27,500/pack.

Keyword: Kluwih Fruit, Spread, Vegan

TABLE OF CONTENT

| Plagiarism Statment | . ii |
|---|------|
| Approval 1 | iii |
| Approval 2 | iv |
| Preface | . v |
| Abstract | vi |
| Table Of Content | vii |
| Table Of Figures | ix |
| List Of Tables | . x |
| Chapter I Introduction | . 1 |
| 1.1 Background Of The Study | . 1 |
| 1.2 Objectives Of The Study | . 3 |
| Chapter II Literature Review | . 4 |
| 2.1 Ingredient Review | . 4 |
| 2.1.1 Kluwih | . 4 |
| 2.1.2 Kluwih Seeds | . 5 |
| 2.1.3 Rica-Rica | . 6 |
| 2.2 Product Review | . 7 |
| Chapter III Methods | . 8 |
| 3.1 Time And Place | . 8 |
| 3.2 Ingredients And Utensils | . 8 |
| 3.2.1 Ingredients | . 8 |
| 3.2.2 Utensils | 10 |
| 3.3 Processing Methods | 10 |
| 3.4 Flow Chart | 12 |
| Chapter IV Result And Discussion | 13 |
| 4.1 Product Result | 13 |
| 4.2 Nutrition Fact | 14 |
| 4.2.1 Nutrition Table | 14 |
| 4.2.2 Nutrition Calculation | 16 |
| 4.2.3 Nutrition Label. | 18 |
| 4.3 Food Safety And Packaging | 18 |
| 4.3.1 Processing And Storage Temperature. | 18 |

| Appendix | |
|-------------------------------------|----|
| Bibliography | |
| 5.2 Suggestion | 24 |
| 5.1 Conclusion | 24 |
| Chapter V Conclusion And Suggestion | 24 |
| 4.4.2 Selling Price | 23 |
| 4.4.1 Product Cost | 22 |
| 4.4 Financial Aspects | 22 |
| 4.3.3 Product Packaging | 20 |
| 4.3.2 Shelf Life | 19 |

TABLE OF FIGURES

| Figure 2.1 Kluwih | 4 |
|--|---|
| Figure 2.2 Kluwih Seeds | |
| Figure 2.3 Bumbu Rica-rica | |
| Figure 3.1 Flowchart Rica-rica kluwih Spread | |
| Figure 4.1 Rica-rica Kluwih Spread | |
| Figure 4.2 Glass Jar | |
| Figure 4.3 Logo | |

LIST OF TABLES

| Table 3.1 Ingredients for Spread | 8 |
|---|---|
| Table 3.2 Utensils for spread | |
| Table 4. 1 Nutritional Value of Kluwih per 100g | |
| Table 4. 2 Nutritional Value of Tofu Skin per 100g | |
| Table 4. 3 Nutritional Value of Rica-rica Kluwih Spread | |
| Table 4. 4 Cost of Ingredients | |
| Table 4. 5 Packaging Cost | |
| Table 4. 6 Total Cost | |