CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT FINAL PROJECT SELUANG FISH SOY SAUCE



BY
CECILIA THIARA
2074130010052

STUDY OF CULINARY ART
OTTIMMO INTERNATIONAL
MASTERGOURMET
ACADEMY SURABAYA
2022

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 pennission 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 plagiarised 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 scientific ethics, or you have a claim against the authenticity of my work.

Surabaya, September 29th 2022

METERAL TEMPEL AZ6DZAKX067390066

Cecilia Thiara

APPROVAL 1

CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT **PROJECT**

This paper is approved by:

Name

: Cecilia Thiara

Place, Date of Birth

: Banjarmasin, 18 September 2002

NIM

2074130010052

Study Program

D3 Seni Kuliner

TITLE

Seluang Fish Soy Sauce

Head of Culinary Arts Study Program,

Date: November 18th 2022

Advisor, Date: November 18th 2022

Hilda Tjahjani Iskandar, S.E., Ak., C.A., M.M.

NIP. 19691029 2002 072

Gilbert Yangar Hadiwirawan, A.Md. Par. NIZ. 19900101 1701 041

Director of Akademi Kuliner dan Patiseri OTTIMMO Internasional Date: November 18th 2022

<u>Maidy Iskandar, B.Sc</u> NP. 19731025 1201 001

PREFACE

First of all, I would like to thank to Buddha for His blessings and guidance to complete this Final Project RnD entiled "Seluang Fish Soy Sauce". This project is known as one of the requirement to complete the Diploma III of Culinary Arts and Baking Pastry in Ottimmo International Master Gourmet Academy. The main purpose of this RnD is to increase creativity and innovative as we have to create a new product.

Me as the writer has traveled a long journey in the context of completing the writing of this Final Project. Therefore, with full humility, on this occasion, me as the author should thanks:

- To my parents who always support me to finish this education and also always support me to complete this report.
- To Chef Gilbert Yanuar Hadiwirawan as my RnD Advisor who have helped me in so many things in order for me to understand the guideline for making this report.
- 3. To Mr. Zaldy Iskandar as the head Director of Ottimmo International.
- To Ms. Hilda Tajhjani Iskandar as the Head of Study Program at Ottimmo International Master Gourmet Academy.
- To all chefs and teaching lecturers of Ottimmo International Master Gourmet Academy Surabaya. Thank you for allowing the author to do research and help the author during my research.
- To Ivon Destrianawati, Lauren Marcella Ongkowijaya, Kenny Lim, Desliron Fredyer and My Boarding House friends. Thank you for the help and support me to complete this report.

Surabaya, 29th September 2022

Cecilia Thiara

APPROVAL 2

SELUANG FISH SOY SAUCE

Culinary Innovation and New Product Development report by:

CECILIA THIARA

2074130010052

This report is already presented and pass the exam on :

November 15th 2022

Examiners:

Examiner 1 : Gilbert Yanuar Hadiwirawan, A.Md.Par.

Examiner 2 : Fransisca Romana Titis Suniati,

S.TP., M.Sc.

Examiner 3 : Hilda Tjahjani Iskandar, S.E., Ak.,

C.A., M.M.

PREFACE

First of all, I would like to thank to Buddha for His blessings and guidance to complete this Final Project RnD entiled "Seluang Fish Soy Sauce". This project is known as one of the requirement to complete the Diploma III of Culinary Arts and Baking Pastry in Ottimmo International Master Gourmet Academy. The main purpose of this RnD is to increase creativity and innovative as we have to create a new product.

Me as the writer has traveled a long journey in the context of completing the writing of this Final Project. Therefore, with full humility, on this occasion, me as the author should thanks:

- 1. To my parents who always support me to finish this education and also always support me to complete this report.
- 2. To Chef Gilbert Yanuar Hadiwirawan as my RnD Advisor who have helped me in so many things in order for me to understand the guideline for making this report.
- 3. To Mr. Zaldy Iskandar as the head Director of Ottimmo International.
- 4. To Ms. Hilda Tajhjani Iskandar as the Head of Study Program at Ottimmo International Master Gourmet Academy.
- 5. To all chefs and teaching lecturers of Ottimmo International Master Gourmet Academy Surabaya. Thank you for allowing the author to do research and help the author during my research.
- To Ivon Destrianawati, Lauren Marcella Ongkowijaya, Kenny Lim, Desliron Fredyer and My Boarding House friends. Thank you for the help and support me to complete this report.

Surabaya, 29th September 2022

Cecilia Thiara

TABLE OF CONTENT

PLAGL	ARISM STATEMENT	i
APPRO	VAL 1	ii
	VAL 2	
	CE	
	OF CONTENT	
	F TABLE	
	F FIGURE	
	JTIVE SUMMARY	
	TER 1	
1.1	BACKGROUND OF THE STUDY	
1.1	THE OBJECTIVES OF THE STUDY	
	TER 2	
	DESCRIPTION OF THE MATERIAL TO BE USED	
2.1		
2.2	THE TOOLS USED GURING THE PROCESSING	
2.3	APPROVED AND REVISED RECIPE	
2.4	PRODUCT PROCESSING SEQUENCE USING FLOWCHART	
2.5	PRODUCT PROCESSING	
	TER 3	
3.1	NUTRITIONAL FACT OF THE FINISHED PRODUCT	
3.2	FOOD SAFETY	
CHAPT	TER 4	30
4.1	PRODUCT COST	
4.2	SELLING PRICE	32
4.3	PRODUCT COMPETITIVE ADVANTAGES	33
СНАРТ	TER 5	34
5.1	GENERAL SUMMARY OF THE END OF THE PRODUCT	34
5.2	SUGGESTIONS FOR FUTHER DEVELOPMENT	34
5.3	BENEFITS OF THE STUDY	35
BIBLIC	OGRAPHY	36
APPEN	DIX	38

LIST OF TABLE

Table 1. Classification of Seluang Fish	2
Table 2. Nutritional Content of Seluang Fish	
Table 3. Nutritional content of Low Sodium Salt	
Table 4. Nutritional of Palm Sugar and Brown Sugar	16
Table 5. Nutritional Facts	25
Table 6. Product Cost	30
Table 7. Fixed Cost	30
Table 8. Overhead Cost	31
Table 9. Start Up Cost	31
Table 10. Cost of Production	32

LIST OF FIGURE

Figure 1. Seluang Fish	5
Figure 2. Garlic	6
Figure 3. Ginger	6
Figure 4. Bay Leaves	7
Figure 5. Lososa	
Figure 6. Palm Sugar	8
Figure 7. Mineral Water	8
Figure 8. Plastic	9
Figure 9. Pot	
Figure 10. Knife	
Figure 11. Cutting Board	. 10
Figure 12. Wooden Spatula	. 10
Figure 13. Strainer	. 10
Figure 14. Stove	. 11
Figure 15. Filter Paper	. 11
Figure 16. Bowl	. 11
Figure 17. Spoon	. 12
Figure 18. Digital Scale	. 12
Figure 19. Funnel	. 12
Figure 20. Completed Recipe	
Figure 21. Completed Recipe	. 14
Figure 22. Flowchart of Processing Seluang Fish Soy Sauce	. 18
Figure 23. Wash the fish	. 19
Figure 24. Add low sodium salt	. 19
Figure 25. Mix the low sodium salt	. 20
Figure 26. Put the seluang fish into plastic	. 20
Figure 27. Adding Salt	. 21
Figure 28. Tied and Fermentation	. 21
Figure 29. Put the water	. 22
Figure 30. Put the fermented fish and water	. 22
Figure 31. Add aromatics	. 23
Figure 32. Filter the soy sauce	. 23
Figure 33. The soy sauce is done	24
Figure 34. Nutrition Facts	
Figure 35. Packaging bottle	28
Figure 36. Product Lable	. 29
Figure 37. Low sodium salt lable	. 29
Figure 38. Packaging design	. 38
Figure 39. Product Logo	
Figure 40. Product Lable	. 38
Figure 41. Low sodium salt lable	39

Figure 42. Approved recipe	40
Figure 43. Sensory Test	4
Figure 44. Consultation Form	4