RESEARCH AND DEVELOPMENT PROJECT BLACK TOFU

(Antioxidant Red and Black Beans Tofu)



By: Prelina Andri Felancia 1774130010003

STUDY PROGRAM OF CULINARY ART OTTIMMO INTERNATIONAL MASTERGOURMET ACADEMY SURABAYA 2019

RESEARCH AND DEVELOPMENT NEW PRODUCT FINAL REPORT

"BLACK TOFU"

Tofu made from red and black beans

Arranged by:

PRELINA ANDRI FELANCIA (1774130010003)

Surabaya, 27 Agustus 2019

Approved by:

Nia Rochmawati, S. TP., M.P

Dr. Ir. Fadjar Kurnia Hartati, M.P

Chef Sagita Asih Aldris ...

Chef Kresna Bayu Pranata ..

Knowing,

Director of OTTIMMO International Mastergourmet Academy,

NIP. 197310251201001

Head of Study Program Culinary Arts, OTTIMMO International

Mastergourmet Academy,

Irra Chrisyanti Dewi, S.Pd., M.S.M

NIP. 197812011702028

ACKNOWLEDGEMENT

Praise and thanks to God Almighty for the successful completion of this report. The author can complete the writing of the research and Development final Project entitles "Black Tofu", This report is prepared as one of the requirements to complete the Diploma III of culinary Arts.

In the process of completion of this report, the author has received much guidance and assistance from various parties. To that end, the authors express their sincere thanks to:.

- 1. My beloved parents for helping me and giving the support until completion of this report
- 2. Miss Nia Rochmawati as Advisor, who has guided, provides guidance and suggestion until the completion of this report.
- 3. Miss Irra Chrisyanti Dewi as Head of the Culinary Arts Studies Progam.
- 4. Mr. Zaldy Iskandar as Director of Akademi Kuliner and Patiseri OTTIMMO International Surabaya.
- 5. My dearest friends, Ms. Tiffany Sachio, Ms. Venna Kartika, Ms. Febrina Albionita

Surabaya, August 7th 2019

Prelina Andri Felacia

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.

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 4th 2019

57CFCAFF94B906B30

Prelina Andri Felancia

EXECUTIVE SUMMARY

Tofu is a food that consumed by many people in Asia especially in Indonesia. Tofu is a white to pale brown colored and the texture is soft. Tofu is usually made from soy beans. The alternative ingredients to make tofu are black beans and red beans, both of them has a many benefit and nutrients in health.

The black tofu have a benefit for maintain heart health, digestion, gastric detoxification, controlling blood pressure, prevent diabetes, prevent cancer, anti aging, maintaining bone health, lose weight, prevent impotence, prevent Alzheimer and Parkinson disease, fetal health, and improve the immunity of the body.

For making this black tofu, the ingredients that need are 500gr red beans tofu, 500gr black beans, 30 ml vinegar, and 2lt water. Red beans and black beans must be washed and thrown away the husk, after that soak the red and black beans in 12 hours until red beans and black beans soft. After soak blend the red and black beans until smooth. Then strain the milk with tofu cloth. The milk must boil in the pan than simmer in the low heat. After that put the vinegar and take the curd with spatula and strain with tofu cloth, after that take the curds on mold and press with heavy object as a mortar.

Based on the calculation, known the nutrition from the black tofu are carbohydrate: 92gr, protein: 34gr, and total fat: 3,5gr. One packaging contains 1 tofu, the price is Rp.9.500.

Target market for new product of black tofu is people on diet and vegetarian. People in diet and vegetarian usually need more protein, this new product has a lot of protein, and vegetarian people is need more protein to suitable of meat protein.

The promotion for this new product will use advertising on media social as a youtube, instagram, and paid promote. It is use to introduce a new product and attract customers to buy this product. The advertising will show a benefit for health, this black tofu will sell online at instagram.

Author wants to make a new product innovation by making tofu from red beans and black beans because both of them has a lot of benefit for health. Black tofu expires 3 days after the date of production, Better if the black tofu kept in cold temperature.

Keywrods: Black beans, Red beans, Tofu

TABLE OF CONTENTS

COVER	i
APPROVAL	ii
ACKNOWLEDGEMENT	iii
PLAGIARISM STATMENT	iv
EXECUTIVE SUMMARY	v
TABEL OF CONTENTS	vi
LIST OF TABLE	Vii
LIST OF PICTURE	Viii
CHAPTER 1 INTRODUCTION	1
CHAPTER II INGREDIENTS AND UTENSILS OVER VIEW	3
CHAPTER III NEW PRODUCT PROCESSING SEQUENCE	11
CHAPTER IV NEW PRODUCT OVERVIEW	13
CHAPTER V BUISINESS PLAN	17
CHAPTER VI CONCLUSION	24
REFERENCE	25
APPENDIX	26

LIST OF TABLE

Table 1	SWOT Anakysis off black tofu	17
Table 2	Equipment	22

LIST OF PICTURE

Picture 1.red beans	5
Picture 2. Water	6
Picture 3. Black Beans	6
Picture 4. Vinegar	7
Picture 5. Tofu cloth	8
Picture 6. Mold	8
Picture 7.Stove	9
Picture 8. Blender	9
Picture 9. Pan and Spatula	10
Picture 10. Mortar	10
picture 11. Nutrition facts of red beans	13
picture 12. Nutrition facts of black beans	14
picture 13. Nutrition facts of black tofu	15
Picture 14. Logo	28
Picture 15. Packaging	28
Picture 16. Prepare the ingredients	29
Picture 17. Wash red beans and black beans	29
Picture 18. Blend red beans and black beans until smooth	30
Picture 19. Strain the milk with tofu cloth	30
Picture 20. Strain the milk	31
Picture 21. Boil the milk and simmer	31
picture 22. Put the vinegar and wait until have curd	32
Picture 23. Put the curd into a mold	32
Picture 24. Put the curd into a mold with tofu cloth	33
Picture 25. Press the mold with mortar and wait until hard	33
Picture 26. Tofu already done	34
Picture 27. Supplier list	34