

RESEARCH AND DEVELOPMENT FINAL PROJECT

‘KOMIK’

(High Protein Milk from Koro Bean)



OTTIMMO

By

Wulandari P.V. Wuri

1774130010072

CULINARY ARTS STUDY PROGRAM

**OTTIMMO INTERNATIONAL MASTER GOURMET
ACADEMY**

SURABAYA

2019

RESEARCH AND DEVELOPMENT FINAL PROJECT

“KOMIK”

(High Protein Milk From Koro Bean)

Arranged by:

Wulandari Wuri

1774130010072

Surabaya,

Approved by:

Advisor,

Examiner I,

Examiner II,

Yusi Erni Wulan, SE., MSA.

CHEF

penguji

NIP.

NIP.

NIP.

Knowing,

**Director Of OTTIMMO
International Mastergourmet Academy,**

**Head of Study Program Cilinary Art,
OTTIMMO International
Matergourmet Academy,**

Zaldy Iskandar , BSc.
NIP. 197310251201001

Irra Chrisyanti Dewi ,S .Pd., M.S.M
NIP. 197812011702028

PREFACE

First of all I want to thank God for His love and grace so that I can complete the report of Research and Development. The aim this research and development is to fulfill the requirements of diploma 3 graduation at ottimmo international. Besides it, doing this research and development give me a new experience and help me think about things that I have never thought before. On this occasion I will make a healthy and suitable drink for all people, from children to adults. I hope this drink can be well developed and be accepted by my customers.

I also thank Ms. Yusi Erni Wulan, SE., MSA. as my advisor lecturer who has guided me from the beginning of making this research and development report until I can finish it well. Finally, I also did not forget to thank my family, especially my parents who always supported me, also to the chefs and assistant chefs who also helped me patiently and the last for my friends who always faithfully helped me at all times.

Surabaya, June 2019

Wulandari P.V. Wuri.

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 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 plagiarised to other student and/or person.

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

6th, August 2019

.....

EXECUTIVE SUMMARY

KOMIK is a type of milk made from koro beans. The word KOMIK itself stands for the word koro milk. Koro bean have many health benefits such as controlling blood sugar levels because its high protein content. It can proper used for diabetic patients. Koro beans are also rich in fiber, carbohydrates, minerals and vitamin B1. Similar to soybeans, koro beans are also commonly used as tofu or tempeh.

In making KOMIK I use a fairly easy cooking method. The cooking method that i use is boiling, stirring and mixing. You can easily make it if you follow the same method as me. So that the freshness of the milk is maintained properly, make sure you store it in the refrigerator and do not leave the milk too long at room temperature. If you have opened the lid from the package you have to spend it as soon as possible.

KOMIK will be packaged in plastic bottles. In 1 plastic bottle it will contain 150 ml of milk. The price of 1 bottle of KOMIK is Rp. 14,000.

Keyword: Koro Benguk, Koro Bean, KOMIK, benefits.

TABLE OF CONTENT

APPROVAL.....	i
PREFACE.....	ii
PLAGIARISM STATEMENT.....	iii
EXECUTIVE SUMMARY.....	iv
TABLE OF CONTENT.....	v
LIST OF PICTURE.....	viii
LIST OF TABLE.....	ix
CHAPTER I INTRODUCTION.....	1
1.1. Background Of Ingredients.....	1
1.2. Reason For Selection Ingredients.....	2
CHAPTER II INGREDIENTS AND UTENSILS OVERVIEW.....	3
2.1. Description Of The Material To Be Used.....	3
2.1.1. Koro Bean.....	3
2.1.2. Granulated Sugar.....	3
2.1.3. Water.....	4
2.1.4. Pandan Leaves.....	4
2.2. The Tools Used During Processing.....	5
2.2.1. Blender.....	5
2.2.2. Bowl.....	5
2.2.3. Boiler Pot.....	6
2.2.4. Tofu Cloth.....	6
2.2.5. Spatula.....	7
2.2.6. Spoon.....	7
2.2.7. Stove.....	8
2.2.8. Kitchen Digital Scale.....	8
CHAPTER III NEW PRODUCT PROCESSING SEQUENCE.....	9
3.1. The Processing Product By Using Flowchart.....	9
3.2. Complete Recipe Attached.....	10

CHAPTER IV NEW PRODUCTION OVERVIEW.....	11
4.1. The Facts Of Nutrition.....	11
4.1.1. Nutrition Facts Of Koro Benguk.....	11
4.1.2. Nutrition Facts Of Sugar.....	12
4.1.3. Nutrition Facts Of Koro Milk (KOMIK).....	12
4.2. New Product Characteristic.....	13
CHAPTER V BUSINESS PLAN.....	14
5.1. SWOT Analysis.....	14
5.1.1. Strength.....	14
5.1.2. Weakness.....	14
5.1.3. Opportunity.....	14
5.1.4. Threat.....	15
5.2. Marketing Aspect.....	15
5.3. Technical Aspect.....	15
5.4. Financial Aspect.....	16
5.4.1. Variabel Cost.....	16
5.4.2. Fixed Cost.....	17
5.4.3. Overhead Cost.....	18
5.4.4. Cost Of Production.....	18
5.4.5. Selling Price.....	19
5.4.6. Break Even Point.....	19
CHAPTER VI CONCLUSION.....	20
6.1. Conclusion.....	20
6.2. Suggestion.....	20
BIBLIOGRAPHY.....	21
APPENDIX.....	22
a. Packaging Design.....	22
b. Logo Design.....	22
c. Supplier List.....	23
1. Koro Benguk.....	23
2. Sugar.....	23

3. Pandan Leaves.....	23
APPROVED RECIPE ATTACHED.....	24
FORM CONSULTATION.....	25

LIST OF PICTURES

Picture 1. Koro Bean.....	3
Picture 2. Granulated Sugar.....	3
Picture 3. Water.....	4
Picture 4. Pandan Leaves.....	4
Picture 5. Blender.....	5
Picture 6. Bowl.....	5
Picture 7. Boiler Pot.....	6
Picture 8. Tofu Cloth.....	6
Picture 9. Spatula.....	7
Picture 10. Spoon.....	7
Picture 11. Stove.....	8
Picture 12. Kitchen Digital Scale.....	8
Picture 13. Nutrition Facts of Koro Benguk.....	11
Picture 14. Nutrition Facts of Sugar.....	12
Picture 15. Nutrition Facts of Koro Milk (KOMIK).....	12
Picture 16. Packaging Design.....	22
Picture 17. Logo Design.....	22

LIST OF TABLE

Table 1. Flowchart.....	9
Table 2. Variable Cost.....	16
Table 3. Fixed Cost.....	17
Table 4. Overhead Cost.....	18