RESEARCH AND DEVELOPMENT FINAL PROJECT "PURPLE SWEET POTATO TORTILLA"

(High Potassium, B6, Vitamin C, Fiber, and Antioxidants for Powerful Cancer Prevention and Dietary Program)



Arranged by:

Vera Handayani

1674130010037

PROGRAM STUDI SENI KULINER
AKADEMI KULINER DAN PATISERI
OTTIMMO INTERNASIONAL
SURABAYA

2018

ACKNOWLEDGMENT

Praise and thanks to God Almighty for the successful completion of this report. The Author can complete the writing of a Research and Development Final Project entitled "Purple Sweet Potato Tortilla". 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. Mrs. Tri Rezeki Ambarwatie K.S., SS., MSi as Advisor who has guided, provide guidance and suggestions until the completion of this report.
- 2. Mr. Ryan Yeremia Iskandar, SS. as the Examiner on the presentation.
- 3. Mrs. Dr. Ir. Fadjar Kurnia, MP. as the Examiner on the presentation.
- 4. Mrs. Irra Chrisyanti Dewi, S.Pd, M.S.M. as Head of Study Program Culinary Art Akademi Kuliner dan Patiseri Ottimmo International
- 5. Mr. Zaldy Iskandar, BSc. as Director of Akademi Kuliner dan Patiseri Ottimmo International
- 6. Other parties who wish to be referred to as parents and colleagues, etc.

Finally, the Authors hope that this report can be useful for us all.

Surabaya, 13th August 2018

Vera Handayani

APPROVAL

RESEARCH AND DEVELOPMENT FINAL PROJECT

Purple Sweet Potato Tortilla (High Potassium, B6, Vitamin C, Fiber, and Antioxidants for Powerful Cancer Prevention and Dietary Program)

> Arranged by: Vera Handayani (1674130010037)

Surabaya, 16th August 2018

Approved by:

Advisor

Mr.

Tri Rezeki Ambarwatie K.S., SS., MSi NIP. 19730824 1402 013 Examiner I

Ryan Yeremia Iskandar, SS. NIP. 19821218 1601

023

Examiner II

Dr. Ir. Fadjar Kurnia, MP.

NIP. 0711116601

Director of Akademi Kuliner dan Patiseri Ottimmo International

Zaldy Iskandar, BSc NIP. 197310251201001 Head of Study Program Culinary Art Akademi Kuliner dan Patiseri Ottimmo International

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

EXECUTIVE SUMMARY

Indonesia is one of the countries with a high unemployment rate in the world due to the lack of job availability. Therefore we see a business opportunity in the form of new innovations and using many raw ingredients that are encountered in Indonesia, namely Purple Sweet Potatoes. It can also make the relationship between us and the farmers, and can make a new job for the community to make their lives more prosperous.

Tortilla themselves generally use the basic ingredients of flour and corn, but we make an innovation and a new food trend by replacing the main ingredients into purple sweet potatoes that create an unique flavor and also packaged attractively. The choice of using purple sweet potato as the main ingredient itself was done because we saw that it was not optimal to use purple sweet potatoes as a food and also less well known by the young. With a combination of simple raw ingredients in the form of purple sweet potatoes combined into a modern dish, tortillas are expected to be of interest to all ages ranging from teenagers to adults.

We also pay close attention to all aspects of ingredients contained in our products so as to be able to meet the nutritional and nutrient needs of the human body, and also we do sorting of raw ingredients in order to have stability in accordance with our standards of low calories, high fiber, content of high antioxidant and potassium.

To expand our marketing, we going to promote our products through brochure that will distribute to crowded centers such as malls, campuses and public areas. In the other way using social media such as Instagram, Facebook, Blog and Twitter can help to approach many circles. And in another way, we will join food events, such as bazaar and food festival to widen our publication range.

In hopes to attract customer attention, we use a very eye catching packaging by using hexagonal black carton box with our logo above the lid of the box so the customer might see the product directly. The price that we pegged is Rp 28.000,- for retail and Rp 26.500,- for reseller.

TABLE OF CONTENT

TITLE	•••••	•••••
ACKNOWLEDG	GEMENT	i
	•••••	
	MMARY	
	ITENT	
	ES	
	ES.	
	-	
	RODUCTION	
	Background	
	Objective	
=	CODUCT	
	Description of The Material to be Used	
	Description of The Tools to be Used	
CHAPTER III N	EW PRODUCT PROCESSING SEQU	
•••••		
3.1.	Procedure	
	3.1.1. Standard Operational Procedure	
2.2	3.1.2. Production Method	
	Complete Recipe	
	EW PRODUCT OVERVIEW	
	. Benefits	
4.2.	Nutrition Facts	
	4.2.1. Nutrition Facts of Purple Yam	
	4.2.2. Nutrition Facts of Olive Oil	
	4.2.3. Nutrition Facts of Salt	
	4.2.4. Nutrition Facts of Sugar	
	4.2.5. Nutrition Facts of Purple Yam Tortilla	
	SINESS PLAN	
5.1.	Business Analysis	
	5.1.1. Introduction of Industry	
	5.1.1.1. Vision	
	5.1.1.2. Mission	
	5.1.2. Short Term Objective	
	5.1.3. Long Term Objective5.1.4. Opportunity	
5.2	Market Environment Analysis	
3.2.	5.2.1. Industrial Analysis	
	5.2.1.1 Threat of New Entry	
	5.2.1.2. Supplier Power	
	5.2.1.3. Buyer Power	
	5.2.1.4. Threat of Substitution	

5.2.1.5. Competit	ive Rivaly31
5.3. Marketing Strategy	31
5.3.1. Target Market	31
5.3.2. Marketing Mix	31
5.3.2.1. Product	31
5.3.2.2. People	31
5.3.2.3. Price	32
5.3.2.4. Place	32
5.3.2.5. Promotio	n 32
5.3.2.6. Process	32
5.3.2.7. Physical 1	Evidence32
5.4. SWOT Analysis	
5.4.1. Strength	33
5.4.2. Weakness	33
5.4.3. Opportunity	33
5.4.4. Threat	33
5.5. Product Calculation	33
5.5.1. Variable Cost	33
5.5.2. Overhead Cost	34
5.5.3. Fixed Cost	34
5.5.4. Break Event Point	35
CHAPTER VI CONCLUSION & SUGGES	STION37
6.1. Conclusion	
6.2. Suggestion	38
REFERENCE	
APPENDIX	
Logo Design	
Packaging	
Original Recipe with Approval Star	
	•

LIST OF PICTURE

Picture 1 Purple Sweet Potato	3
Picture 2 Olive Oil	3
Picture 3 Salt	4
Picture 4 Sugar	4
Picture 5 Knife	5
Picture 6 Food Processor	5
Picture 7 Oven	6
Picture 8 Cooling Rack	7
Picture 9 Wooden Board	7
Picture 10 Rolling Pin	8
Picture 11 Mixing Bowl	9
Picture 12 Tong	9
Picture 13 Non-stick Fry Pan	. 10
Picture 14 Ring Cutter	. 10
Picture 15 Plastic Wrap	. 11
Picture 16 Spatula	. 11
Picture 17 Parchment Paper	. 12
Picture 18 Stove	
Picture 19 Baked Purple Sweet Potato	. 16
Picture 20 Chopping Purple Sweet Potato	. 16
Picture 21 Blended Purple Sweet Potato	. 17
Picture 22 Purple Sweet Potato's Dough	. 17
Picture 23 Portion of Dough	. 18
Picture 24 Placed of the Dough	. 18
Picture 25 Roll the Dough	. 19
Picture 26 Dough on Pan	. 19
Picture 27 Cook the Dough	
Picture 28 Nutrition Facts of Purple Sweet Potato	. 24
Picture 29 Nutrition Facts of Olive Oil	. 25
Picture 30 Nutrition Facts of Salt	. 26
Picture 31 Nutrition Facts of Sugar	. 27
Picture 32 Nutrition Facts of Purple Sweet Potato Tortilla	. 28
Picture 33 Logo Design	
Picture 34 Packaging Outer Look	. 41
Picture 35 Packaging Inner Look	

LIST OF TABLE

Table 1 Variable Cost	33
Table 2 Overhead Cost	34
Table 3 Fixed Cost	34