## CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT REPORT

# UTILIZING TOMATOES AS THE MAIN INGREDIENT OF UMAMI OIL



ARRANGED BY
ALEXANDER KAVIN
2274130010044

CULINARY ART STUDY PROGRAM
OTTIMMO INTERNATIONAL
MASTERGOURMET ACADEMY
SURABAYA
2024

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Surabaya, September 12th, 2024

METERAL ZEMPEE
BDACOALX315214329

Alexander Kavin

#### **APPROVAL 1**

### CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT PROJECT

Name

: Alexander Kavin

Place, Date of Birth : Jakarta, November 25th, 1999

NIM

: 2274130010044

Study Program

: D3 Culinary Art

Title

: Utilizing Tomatoes as the Main Ingredients of Umami Oil

#### This paper has been approved by:

Head of Culinary Arts Study Program,

September 11th, 2024

Advisor,

September 11th, 2024

dhianata, S.TP., M.Sc

NTP. 19900613 1402 016

Anthony Sucipto, A.Md. Par.

NIP. 19960325 2201 085

Director of

Ottimmo International Master Gourmet Academy

ACAL September 11th, 2024

NIP. 19731025 1201 001

#### **APPROVAL 2**

# UTILIZING TOMATOES AS THE MAIN INGREDIENTS OF UMAMI OIL

Culinary Innovation and New Product Development report by:

#### Alexander Kavin

#### 2274130010044

This report has already presented and passed the exam on: (11th September 2024)

#### This paper has been approved by:

Advisor : Anthony Sucipto, A.Md. Par.

1st Examiner : Elma Sulistiya, S.TP., M.Sc.

2nd Examiner: Jessica Hartan, A.Md. Par.

#### **PREFACE**

Praise the Lord for the blessing and opportunity He gave through all hardships in the process of finishing this Culinary Innovation and New Product Development Report.

#### Gratitudes presented towards:

- Chef Zaldy Iskandar, B. Sc as director of Ottimmo International Master Gourmet Academy
- 2. Anthony Sucipto, A.Md. Par. in the role of my advisor who continuously guides and supports me throughout the entire process of writing this report
- Ms. Heni Adhianata, S.TP., M.Sc as the head of the study program of Ottimmo International Master Gourmet Academy

Surabaya, September 12th, 2024

Alexander Kavin

#### **ABSTRACT**

Flavored oils, also known as infused oils, are natural essential oils in which the essential oil is extracted from the main ingredient. Convenient and common method includes hard-pressing ingredients as well as blending an ingredient with oil, and then cooking the mixture to extract the desired flavor. For example, the essential oil of a scallion is extracted from the scallion itself to create scallion oil by using the blending and cooking method. This method has been used since the 11th century in ancient Egypt, Persia, and India. This ingredient can be utilized in many aspects of food making, ranging from baked goods to culinary revolutions. Despite all types of flavored oil known to exist, there is little to no oil product that emphasizes the umami factor. The closest oil-based product that is centered upon umami is chili oil. To counter the lack of umami-focused oil available in the existing market, this study targets the market opportunity to create new trends and innovations in the culinary industry. This study aims to utilize red tomato as the main ingredient, as well as shiitake mushroom, onion, garlic, and shallot as the complementary flavor addition. The study results in a viscous liquid with vibrant orange color and a distinctive smell. The resulting product enhances the already applied seasonings in food and the natural flavor of other ingredients when applied to food samples. One serving of 15 mL of Umami Oil contains 160 Cal with Rp.63,631.- as the selling price of 100g of Umami Oil.

**Keywords:** Flavored oils, Umami oil, Oil

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