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mechanisms-of-miana-leaf-coleus-scutellariodes-l-benth-in-infectious-diseases/

APPENDIX

1. Design and logo of packaging



Figure 31. Front side packaging of MIA



Figure 32. Back side packaging of MIA



Figure 33. Inside packaging of MIA



Figure 34. MIA the pies' logo

2. Supplier list

1. Soy TVP
The soy TVP is bought from Vegan Mart Surabaya. Link:
<https://tokopedia.link/L7YFs6qt9tb>
2. Shiitake Mushroom Stalk
The shiitake mushroom stalk is bought from Minimarket Vegan. Link:
<https://shopee.co.id/product/9932781/628024890?smtt=0.217391099-1665824693.9>
3. Miana leaves
The miana leaves is bought from Maju Jaya Shandika. Link:
<https://tokopedia.link/OcEV11st9tb>
4. Canola oil
The canola oil is bought from Tomato_online. Link:
<https://shopee.co.id/product/48054986/9715022886?smtt=0.217391099-1665856711.9>
5. Egg
The egg is bought from Lotte Mart that is located in Pakuwon Mall, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227
6. All-purpose flour
The all-purpose flour is bought from Hypermart that is located in Supermall, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227
7. Pastry flour
The pastry flour is bought from Hypermart that is located in Supermall, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227
8. Cornstarch flour
The cornstarch flour is bought from Hypermart that is located in Supermall, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227

9. Garlic
The garlic is bought from Alfath Grosir Bahan Jamu. Link:
<https://tokopedia.link/Kc38QLJVaub>
10. Shallot
The shallot is bought from Sayur Moms. Link:
<https://tokopedia.link/L9eZ5MHVaub>
11. Tomato
The tomato is bought from Sayur Moms. Link:
<https://tokopedia.link/H6mtA1iv9tb>
12. Spready Cheddar Cheese
The spread cheddar cheese is bought from Hypermart that is located in Pakuwon Trade Center, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227
13. Full cream milk
The full cream milk is bought from Hypermart that is located in Supermall, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227
14. Margarine
The margarine is bought from Hypermart that is located in Supermall, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227
15. Sugar
The sugar is bought from Hypermart that is located in Supermall, Jl. Mayjend. Jonosewojo No.2, Babatan, Kec. Wiyung, Kota SBY, Jawa Timur 60227
16. Chili flakes
The chili flakes are bought from Pedagang Bermimpi Besar Tangerang. Link: <https://tokopedia.link/khMBBI7t9tb>
17. Parmesan Cheese
The parmesan cheese is bought from DBWOOD. Link:
<https://shopee.co.id/product/72760524/6650868463?smtt=0.217391099-1665856882.9>
18. Salt
The salt is bought from Toko Lestari. Link:
<https://tokopedia.link/UQmRyDiu9tb>
19. Spring Onion
The spring onion is bought from Sayur Moms. Link:
<https://tokopedia.link/cdJZLNhv9tb>
20. Pepper
The pepper is bought from Atoz Ingredients. Link:
<https://tokopedia.link/0AHYODdu9tb>
21. Mushroom powder

The mushroom powder is bought from Little Devan. Link:

<https://tokopedia.link/qQ4WOZcu9tb>

22. Lemon juice

The lemon juice is bought from Hokky Supermarket Graha Famili,
Pradahkalikendal, Dukuhpakis, Surabaya City, East Java 60226

3. Scanned approved recipe

Recipe Name : Miana & Analogue Meatball Savory Pie

Yield : ±8 pcs of mini pie

Main Ingredients : Miana leaves, Soy textured vegetable protein, Shiitake mushrooms

Ingredients :

- Analogue Meatball
 - Main: 60gr soy textured vegetable protein (rehydrated), 25 gr dried shiitake mushroom stalks
 - Flour: 5gr all-purpose flour, 3,5gr cornstarch flour
 - Liquid: 14gr water, 9gr oil, 10gr white egg
 - Others: ½ tsp lemon juice, 7,5gr garlic
 - Seasoning: 2gr totole, 4gr salt, 4gr sugar, ¼ tsp pepper
- Mini Savory Pie Filling
 - 75gr miana leaves (rub with salt, wash and drain), 2pcs garlic, 3 pcs shallot
 - Analogue meatball
 - 1pc tomato (diced)
 - 4-5 pcs spring onion (chopped)
 - Liquid mix: 115mL milk, 1 whole egg, 25gr melted butter/margarine, 50gr cheddar cheese (quickmelt)
 - Chili flakes and parmesan cheese for topping. Salt, totole and pepper for seasoning

Method :

- Analogue Meatball
 1. Rehydrated soy TVP and wash it for 3 times. Soak dried shiitake stalks in water for 2 nights, then flatten it until the fiber is visible. Mix all the ingredients in the blender. Shape it like a mini meatball, then steam for 10 minutes.
- Mini Savory Pie
 1. Mix all the crust ingredients, put on the pie mold and bake for 15 minutes in 180c
 2. Sautee the meatball in a pan, drizzle some lemon juice, give a pinch of chili flakes and oregano. To minimize the bitter taste, blanch miana leaves for 30 seconds. Sautee miana leaves with garlic and shallot until dry, give some seasoning.
 3. Mix milk, whole egg, melted butter, cheddar cheese, a pinch of chili flakes and oregano. Arrange the analogue meatball, miana leaves, and diced tomato on the pie crust. Pour the liquid mix. Topped some parmesan cheese, spring onion, chili flakes.
 4. Bake in 180c for 15 minutes

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Advisor Name : Nurul Azizah Choiriyah, S.TP, M.Sc.

Date & time of submission: 31/3/22 17.30

RECIPE BACKGROUND (50 - 100 WORDS)

This recipe includes Miana leaves and meat alternative from soy textured protein vegetable (TVP) with shiitake mushrooms as main ingredients. Miana leaves are plants that are rich in health benefits. Usually miana is only planted in the yard of the house as a decoration. However, according to the journals and experiences of many people, the leaves are usually used to cure various diseases such as fever, asthma, cough, etc. Meat analog which is processed as meatball chunks from soy TVP and shiitake mushrooms is also used to increase the value of this product.

APPROVAL TABLE (filled by advisor)

CHECK LIST	POINTS	APPROVAL
WASTE MANAGEMENT	20	
PROCESSING METHOD	20	✓
UNIQUE INGREDIENTS	20	✓
PRODUCT OUTLOOK	20	
HEALTH & NUTRITION	15	✓
NEW MODIFICATION	5	✓
TOTAL		

*approval min. 50 points

NOTES (filled by advisor)



4. Sensory Test



Akademi Kuliner & Patiseri
OTTIMMO
INTERNASIONAL
CULINARY ARTS - GASTRONOMY - BAKING & PASTRY ARTS

CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT SENSORY TEST

DATE : 28 April 2022
NAME : Gladys Triana Tanri
NIM : 2074130010025
PRODUCT : Miana leaves & analogue meatball savory pie
ADVISOR : Nurul Azizah Choiriyah, S.TP., M.Sc

PANELIST	SIGHT	SMELL	TEXTURE	TASTE	TOTAL
Panelist 1	√	√	√	√	√
Panelist 2	√	X	√	√	√
Panelist 3	√	√	√	√	√
Panelist 4	√	√	√	√	√
Panelist 5	√	√	√	√	√
Panelist 6	√	√	√	√	√
Panelist 7	√	√	√	√	√
Panelist 8	√	√	√	√	√
Panelist 9	√	√	X	X	X
Panelist 10	√	√	√	√	√

NOTES :



5. Consultation Form



Akademi Kuliner & Pastry
OTTIMMO
 INTERNASIONAL
PERKAMPUSAN KULINER, SAMPUNG, PASURUAN, JAWA BARU

CONSULTATION FORM
CULINARY INNOVATION AND
NEW PRODUCT DEVELOPMENT

Name : Gladys Triana Tanri
 Student Number :
 Advisor :

No	Date	Topic Consultation	Name/ Signature
1.	14/3/ 2022	Ide bahan say TUP	atas nama Nadya
2.	16/3/ 2022	Ide filling pie	atas nama Nadya
3.	21/3/ 2022	Macam * pengolahan yg diperbolehkan	atas nama Nadya
4.	24/3/ 2022	teknik pengolahan dawn miana	a/n Nadya
5.	28/3/ 2022	Ide pengolahan miana caper tdk pait	Nadya
6.	28/9/ 2022	List of Fig, Table, Chapter 1	Nadya

No	Date	Topic Consultation	Name/ Signature
7.	28/9/ 2022	Chapter 2	Nadya
8.	24/10/ 2022	Chapter 3	Nadya
9.	24/10/ 2022	Bibliography Appendix	Nadya
10.	24/10/ 2022	Chapter 5	Nadya