

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND OF THE STUDY

Banana peel is a waste of bananas that are often encountered. Banana peels are rarely used as food by the local community even though the carbohydrate content in banana peels is high. Utilization of individual banana peels is very low, because most people use banana peels as animal feed or let them pile up into garbage so that they pollute the environment. In general, the nutritional content of banana peels is very much consisting of minerals, vitamins, carbohydrates, proteins, fats and others. Based on the research results of chemical analysis, the composition of banana peels is water 69.8%, carbohydrates 18.5%, fat 2.11%, protein 0.32%, calcium 715 mg/100g, phosphorus 117 mg/100g, iron 1.6 mg. /100g, vitamin B 0.12 mg/100g, vitamin C 17.5 mg/100g.

This brownie pancake highlight the classic flavor combination of chocolate, and bananas, except that no bananas are used, just banana peels. The peels have a surprising amount of banana flavour, not to mention potassium, fibre, and antioxidants. They also help to ensure a incredibly moist pancake.

In banana peels brownies pancake, we choose very ripe and frozen banana peels (the kind you would use for banana bread). We use peels from eating ripe but not really ripe bananas will also work, but you will get less of a pronounced banana flavour. Freezing and thawing the banana peels enables you to soften them without cooking. You can store the peels in a airtight container in the freezer for months, and

you'll be prepared to cook this pancake whenever the mood strikes. It will take 3 hours for the peels to freeze and 1 hour for them to thaw at room temperature.

Nutrition and Health Benefits :

- a. Depression Relief
- b. Digestive Health
- c. Better Eyesight
- d. Lower Cancer Risk
- e. Banana peels also rich of Vitamin B6, Vitamin B12, Magnesium, Potassium, Fiber, Protein, Polyphenols, Carotenoids, and Antioxidants.

1.2 THE OBJECTIVE OF THE STUDY

- a. Identify if banana peels can be used as brownie pancake
- b. Identify the taste of banana peels brownie pancake
- c. Investigate the market potential in Indonesia
- d. Determine that the product concept that is suitable for development
- e. Assemble, determine, and test a process to produce a product
- f. Prepare cost and a definite price range for these products
- g. Plan the market strategy for the final product

1.3 THE BENEFITS OF THE STUDY

- a. Develop ideas and creativity
- b. Developing and / or creating products that are not yet on the market
- c. Identify of the risk