

Coconut oil and calamansi peelings as agent for hair oil chapter

[Environment](#), [Air](#)



Introduction

Background Of the Study

The hair is our crowning glory that holds true for most people since it is one of the things that leave a lasting impression when we first meet someone.

The way that we carry our hair, our haircut, our hairstyle and even hair texture are all visible traits that can greatly affect the way that other people look at you. This is the reason why we need to take extra care of our hair.

Our hair and scalp, just like our skin needs special care and attention.

One way of caring our hair is by using hair oil. This research is about the possibility of oil extracted from calamansi peeling as preservative for hair oil. Hair oil is commonly used by people who have dry hair especially girls. Hair oil moisturizes the scalp, it provides hair into the sebacious glands and promotes hair growth. The calamansi peelings we need in this study is abundant in thePhilippines. We can directly find them in our kitchen, etc. Calamansi peelings contain a preservativecalled Pectin that is generally used in preserving jams and jellies.

In this study, we commonly use the extract of calamansi peelings which has pectin to preserve the fragrance of the coconut oil and which at the same time gives an additional fragrance to the oil. This study employs the importance of this experiment to our economy in the country.

Statement of the Problem

This study will determine the feasibility of the Oil Extracted from Calamansi Peelings as preservative for Hair oil. In so doing, the characteristics will be

compared to commercial hair oil. Most specifically, the researcher aims to: 1. Compare the product to commercial preparations in terms of fragrance

Hypothesis

There is no significant difference between the product and commercial hair oil. D. Significance of the Study The increasingly high prices of goods and cosmetics nowadays are the main problems of the people concerned. One of the greatly needed cosmetic is hair oil which is very important to those people who have dry hair. Since we are aiming to minimize our expenses, we can make use of calamansi peelings that are found in our kitchen. We can make use of the fragrant oil present in the calamansi peelings by extracting it. This research study is worth making.

And it can contribute a lot to our community. It can give people hair oil that is affordable and it can help the country minimize the economic problems. E. Scope and Limitations This study focused on the use of " oil extracted from calamansi peelings as preservative for hair oil". F. Definition of terms Calamansi Peeling - stripped rind that surrounds the pulp. Hair Oil - helps moisturize the scalp, provides hair nutrients to the sebaceous glands and promotes hair growth. Pectin - a soluble gelatinous polysaccharide present in ripe fruit, used as a settling agent for jams and jellies.

Methodology

Materials: - grated coconut - calamansi peelings - water - bowl - pot/frying pan - bottle Procedures: Preparation of the Coconut Oil Put the grated coconut in a bowl and put water in it. Squeeze the grated coconut with water to produce coconut milk. Heat the coconut milk until all the water is dried up and that

left the coconut oil. The Making of the Hair Oil Agent Put the calamansi peelings in the pot with the coconut oil and wait for 5 minutes. After 5 minutes, get the calamansi peelings and put the product in a bottle/container. Cool it first before applying it to the hair. Just gently apply it to your hair.

Testing of the Hair Oil Agent

The Hair Oil Agent was tested first by the researcher. It was applied gently to the hair and has effectiveness in it. The Hair Oil was tested in a survey method H. Review of Related Literature Kalamansi is widely cultivated in the Philippines. This species is a native of the Philippines and does not occur naturally outside of the archipelago. This plant is smooth, somewhat spiny tree, growing from 3 to 5 meters in height. The leaflets are elliptic to oblong-elliptic, 4 to 8 centimeters long. The petioles are very narrowly or scarcely winged, and about 1 centimeters long.

The flowers are axillary, solitary, rarely in pairs, white, and short-stalked. The fruit is yellow when ripe, nearly spherical, 2 to 3.5 centimeters in diameter, 6-7 celled, and thin-skinned. The skin or peel of kalamansi is green to yellowish green or yellow. The peel adheres loosely to the flesh, which contains a few seeds and is light orange in color. It is fairly sour and very much used as a seasoning and for making ?ade?. The whole fruit is made into marmalade. The juice is also concentrated with syrup. The fruit is crushed with gogo and used for cleansing the hair.

Hair Oil is used to moisturize dry hair. It protects the hair from the sun's rays. It also makes the hair shiny and smooth. Hair Oil comes mostly from coconut

milk. Coconut milk is wonderful to use as a hair conditioner. Beauticians who are familiar with coconut swear by it. It softens the hair and conditions the scalp. Using the coconut oil as a pre-wash conditioner can rid a person of dandruff better than a medicated shampoo. Coconut oil, a natural ingredient in the highest sense of the word, has always been recognized for its quality of strengthening the structure of damaged, devitalized hair.

Coconut milk lubricates and softens the hair shaft through the action of minerals such as magnesium, potassium, calcium, and iron. Sources: <http://www.coconut-milk-uk.com/Coconut-Hair-Oil.html> [Http://en.wikipedia.org/wiki/calamansi peelings](http://en.wikipedia.org/wiki/calamansi_peelings) [http://en.wikipedia.org/wiki/hair oil](http://en.wikipedia.org/wiki/hair_oil)

Chapter II

Results and Discussion This page describes the result of the investigation conducted on the " Coconut Oil and Calamansi Peelings as Agent for hair Oil" through its fragrance when applied to the hair. Legend: 1-excellent 2-good 3-

bad

Trial 1

Person	Product	Commercial
1	2	3
2	2	3
3	2	3
4	2	2
5	3	3
6	2	2
7	2	3
8	3	3
9	2	3
10	2	2

Person	Product	Commercial
1	2	2
2	2	3
3	2	3
4	2	3
5	3	2
6	2	2
7	2	3
8	2	3
9	2	3
10	2	3

Discussion: Table I and II showed the application of the Hair oil

through fragrance. Ten different people tested the Hair Oil in each trial. rial 1

showed effectiveness of the product. From the results showed above, the

product can be a good substitute for the commercial ones. SUMMARY The

study was conducted to determine the Feasibility of Coconut Oil and

Calamansi Peelings as Agent for Hair Oil. The Calamansi Peelings found

inside the kitchen were used in the study. ten different people tested the

potency of the Homemade Hair Oil and was able to depict effectivity of the product.

CONCLUSION

As the result; t of the analysis showed in tables 1 and 2, the researcher would say that there is a significant difference between the product and the commercial preparations in terms of fragrance.

RECOMMENDATION

The researcher recommends to the next researcher to conduct more trials of this product to prove its effectiveness.

References

1. www. google. com
2. www. yahoo. com
3. www. wikipedia. com
4. www. encarta. com

ABSTRACT

This study, Coconut Oil and Calamansi Peelings as Agent for Hair Oil, aims to evaluate and compare its quality in terms of fragrance to the commercial preparations. Experiments and a survey were done. A survey was done to compare the fragrance of the product to the commercial ones. Result of the study showed that Coconut Oil and Calamansi Peelings can be used as agent for hair oil because it successfully showed effectiveness.