



FORMULATION AND EVALUATION OF HERBAL LIPSTICK

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ABSTRACT

The most popular use of lipsticks is to improve lip appeal, but they also play a big role in maintaining happiness and good health. In order to achieve this goal and intention, an attempt was made to create a natural Coloured frame for herbal lipsticks. The lipsticks were then evaluated for spreading, stiffness, shine, and gloss, among other sensory aspects, to ensure a high-quality product. Natural materials found in these lipstick preparations include carnauba wax, white bees wax, peppermint oil, castor oil, and almond oil. The goal of the current effort was to create a herbal lipstick that would be widely used by women in our culture with great happiness and little to no side effects, due to the different negative consequences of the synthetic preparation that was previously accessible.

KEYWORDS: Herbal cosmetic. Colour. Lipstick. Formulation.

INTRODUCTION

In contrast to synthetic, which is harmful to human health, the word "herbal" denotes safety. Herbal medications are the fastest-growing market for treating a variety of illnesses. Herbal preparations, such as herbal tablets, herbal tonics, herbal paste, herbal shampoo, herbal sindhur, herbal contraception, and herbal lipstick, have grown in popularity among consumers. Herbal users may choose to take charge of their own medical requirements. Maybe because there are too many people in the personal healthcare system and more synthetic preparations have more negative effects than beneficial aspects, people are turning to herbal therapy. Chemicals called cosmetics are applied to the human body to enhance its appearance.^[1]

Chemicals called cosmetics are applied to the human body to enhance its appearance. Both in developing and developed nations, there is a high demand for skincare products such as lotions, powders, perfumes, lipsticks, fingernail and toe nail polish, eye and facial makeup, permanent waves, colored contact lenses, hair colors, sprays and gels, deodorants, baby products, bath oils, bubble baths, bath salts, butters, and a wide range of other items.^[2]

Due to the generally harmless nature of herbal formulations, there is a considerable market demand for cosmetics made from herbs. Herbal colorants, which are naturally lipophilic, non-toxic, anti-cancer, hypoallergenic, antimicrobial, antioxidant, and protective against skin conditions, are utilized in the formulation of lipsticks. There are several shades of natural colorants, such as purple, rose red, orange, and magenta.^[3]

A lipstick is a cosmetic tool used to enhance a woman's beauty. Herbal lipstick is a cosmetic item that includes colour, texture, oil, scent, preservatives, and protection for the lips. The formulation of the lipstick is used to enhance the appearance of lips. Because natural cosmetics are secure, herbal lipstick is becoming more and more popular. Women can use and handle it easily. This product's size has grown, along with the variety of colour shades, textures, and glosses. Herbal lipsticks have very few negative effects. Natural nutrients or ingredients in herbal lipstick make it safe to use and promote healthy lips. Herbal lipsticks are used to provide lips with a beautiful colour, a smooth texture, and protection.

Ideal properties of herbal lipstick

- * It shouldn't irritate.
- * Plasticity ought to have been necessary
- * It needs to be non-toxic.
- * It ought to be chemically and physically stable.
- * It shouldn't dry out while being stored
- * There shouldn't be any melting or hardening within a tolerable range of climatic temperatures.* It should to preserve the colour of your lips for a lengthier amount of time after application
- * It should have a good taste, smell, and have a pleasant flavour.
- * There must be no big particles present.
- *It should appear bright and dry, with no signs of perspiration.^[4]

Advantages of herbal lipstick

- These are non-toxic, very lipophilic, anti-inflammatory, antioxidant, and used to cure lip leukoderma.
- They provide a wide range of colours.
- It's simple to achieve various shade combinations.
- The ingredients in natural lipstick are entirely pure and safe to use.
- Additionally, they include organic components that promote healthy lips.
- They barely affect appearance at all.
- By adding organic and inorganic acid, a basic colour can be changed into many colours.

Varieties of Lipstick

Depending on consistency, solid lipstick comes in lipstick stick, lipstick pencil, lipstick cream, and liquid lipstick forms. Lipsticks are categorized according to their secondary purpose.

- * Moisturizing lipstick: It shields against ultraviolet radiation with a number of moisturizing ingredients, the majority of which have SPF.
- * Lipstick Nutritive: Because it shields the lips from the weather, this kind of lipstick is perfect for the winter.
- * Lipstick maintenance or care Lipstick: It gives softness and a natural sheen while healing cracks, preventing herpes, and relieving sensitive lip skin.
- * The lipsticks, based on the quantity left to finish, are;
- * Mattel has a thick substance and a shiny, sparkling finish.
- * Satins are well pigmented, semi-opaque, slightly silky to the touch, and have a faint sheen to them.
- * Amplified creams are creamy, well pigmented, creamy in texture, and have a hint of sheen. Creme sheens are cream bases that have a medium to high pigmentation, high hydration, and a smooth, anhydrous feel.
- * A common term for the glittering particles seen in frost lipsticks is "sparkling."
- * Lustre resembles a gloss but is less aggressive; it is semi-glossy, somewhat pigmented, and has a wet texture.
- * Dazzles have a thick consistency and a glossy, glittery finish.
- * Glaze lipsticks feature a low pigmentation, vivid color, and transparency.

- * The lipsticks range in price from; Lipstick that lasts: These have an 8 to 24 hour shelf life.
- * Flavoring lipstick.
- * Lipstick waterproof: The formula of the substance is water-resistant, allowing the lipstick to adhere to it.

The lipsticks are classified as follows based on the amount of coloring.

- * Lipstick without color;
- * Lipstick with neutral colors.
- * Brightly colored lipstick.

Needs and objectives**Needs**

- * Lipsticks provides hydration to the lips
- * Lipstick defines your lips
- * Lipstick complete your looks
- * Lipstick gives you confidence
- * Lipstick acts as a sunscreen

OBJECTIVES

- * Herbal coloring is used to treat leucoderma, especially lip leucoderma. It is non-toxic, highly lipophilic, antioxidant, anti-microbial, and anti-inflammatory.
- * A selection of original colour tones, such as deep majenta, orange, pastel red, rose red, beetroot purple, dark violet, and purplish red deep violet, are available for colorant. By combining these colours in different ways, other tints can be created.
- * Both organic and inorganic acids and bases have the ability to change colour to distinct colours.

DRUG PROFILE

HERBAL MATERIAL	PROPERTIES
Beeswax	Glossy and hardness
Castor oil	Blending properties
Turmeric powder	Colouring agent
Beet root juice	Colouring agent
Lemon juice	Anti-oxidant
Vanilla essence	Preservatives
Food colour	Colouring agent
Ripe fruit of shikhakai	Surfactant

Formulation 1.

Sr.no	Ingredient	Quantity Taken
1.	Beeswax	6gm
2.	Castor oil	6ml
3.	Lemon juice	5ml
4.	Beet root juice	5ml
5.	Shikhakai powder	0.5gm
6.	Vanilla essence	q.s

Formulation 2.

Sr.no	Ingredient	Quantity taken
1	Beeswax	5.5gm
2	Castor oil	5ml
3	Lemon juice	4.5ml
4	Vanilla essence	q.s
5	Turmeric powder	4gm
6	Food colour(orange)	2ml
7.	Shikhakai powder	0.5gm

Formulation 3

Sr. no	Ingredient	Quantity taken
1.	Beeswax	6gm
2.	Castor oil	5.5ml
3.	Lemon juice	4ml
4.	Vanilla essence	q.s
5.	Beet root juice	3ml
6.	Food colour(pink)	3ml
7.	Shikhakai powder	0.5gm

METHODOLOGY

1. Beeswax, castor oil, vanilla essence, beetroot juice, turmeric powder, and lemon juice are used.
2. Following the standard procedure for formulating lipsticks, a herbal lipstick was created.
3. In this recipe, the melting points of castor oil and beeswax were arranged in decreasing order in a porcelain plate set over a water bath.

Sr. no	Evaluation parameter	F1	F2	F3
1	Colour	Pinkish Red	Orange	Beet root colour
2	Odour	Pleasant smell	Pleasant smell	Pleasant smell
3	Ph	6.3	6.4	6.3
4	Skin irritation test	No	No	No
5	Perfume stability	++	+++	+++
6	Aging stability	Smooth	Smooth	Smooth

Women have been using cosmetics for a lot longer now than in previous decades. But lately, the risks posed by these substances have gained more attention. The current study set out to create and assess herbal lipsticks with the intention of reducing the negative effects associated with the readily available synthetic components. As a result, the current study has determined that this herbal lipstick formulation is a better option for women with mild side effects, albeit a comprehensive clinical trial may be conducted to improve the formulation's effectiveness.

Out of the three formulations, formulation 1 is the best.

Evaluation parameter of herbal lipstick

The prepared lipstick formulation was evaluated for following parameter.

4. Beet root juice or turmeric powder are examples of edible coloring materials that are added.
5. At the same temperature, both phases were combined.
6. Lemon juice and vanilla essence were added.
7. After that, an ice bath was used to keep the lipstick mold filled to the brim with the mixture.
8. A blade was used to scrape off any excess material after solidification.
9. After being taken out of the mold, lipstick was burned.
10. Ready-made lipstick was placed inside a lipstick container and applied.
11. The make-up and significance of the various ingredients utilized to make herbal lipstick

RESULTS

1. Colour: The colour of the lipstick was formulation was checked visually
2. Odor: The formulation was smelled in order to assess its odor.
3. Ph: Using pH paper, the formulation of herbal lipstick's pH was ascertained.
4. Skin irritation test: Apply the medication and leave it on for ten minutes.
5. Perfume stability: After 30 days, the herbal lipstick composition was tested to determine its fragrance.
6. Aging stability: A number of characteristics were noted, including bleeding, surface crystallization, and application.

CONCLUSION

Using a herbal lipstick helps to retain the skin's suppleness, stimulate blood flow, and revitalize the lips

and surrounding muscles. One of the advantages of herbal-based cosmetics is their non-toxic composition. It nourishes the skin on the lips. This lipstick gives the lips essential nourishment.

It aids in the removal of lip folds, wrinkles, cracking, and dryness. Lipstick has a cooling, calming, and soothing effect on the lips with minimal exfoliation. They return the natural gloss of the lips in the best possible time. Regular use of natural lip products enhances their attractive color and texture. It aids in the removal of lip folds, wrinkles, cracking, and dryness.

Lipstick has a cooling, calming, and soothing effect on the lips with minimal exfoliation. They return the natural gloss of the lips in the best possible time. Regular application of herbal lipstick can mitigate the negative effects of pollution and severe weather on the lips. They prevent the lips from aging too quickly by preserving the flexibility of the lip cells. Using natural lips can help you effectively control fine lines and wrinkles. We discovered several excellent qualities of the herbal lipstick in our experiment, but more research is required to find out the cosmetics' additional beneficial effects of herbal lipstick.

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