



A BRIEF REVIEW ON HERBAL LIPSTICK

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DOI: <https://doi.org/10.17605/OSF.IO/74AQK>

Article Received on 28/11/2020

Article Revised on 18/12/2020

Article Accepted on 08/01/2021

ABSTRACT

The word cosmetics or makeup are used to enhance appearance. There are so many makeup items are available the market like lipstick, kajal, mascara, eye liner etc. Lipstick is used for the purpose of improve appearance, look attractive and protection of lips for many types damaging UV rays etc. It is available in the market in different variety of shades and form like liquid as well as stick on lips. Lipstick containing synthetic colorants which are made up of harmful chemicals and it is very harmful for our skin. lipstick demonstrate many types of negative effect like- allergy, nausea, dermatitis, and drying of the lips and more serve/used even fatal. So, the demand of the cosmetics containing herbal ingredients increased universally because it is safe. In our research, investigation was made to formulate lipstick containing herbal ingredients, evaluations and their comparison with marketed formulation. Based on the data, it can be concluded that the use of natural colorants in lipstick formulation having very less or no side effect. From ancient times the demand of cosmetics an incredible. Lipstick formulations are used to magnify the beauty of lips. Continuous use long time of synthetic colours in the lipstick may cause serious problems like skin discoloration, lip cancer, skin irritation etc. The adverse effect can be reduced by using natural herbal colour from different natural sources. In this review paper mainly focus on formulation, evaluation and its application.

KEYWORDS: Herbal lipstick, formulation, evaluation.

INTRODUCTION

Cosmetics are the substances that are used to enhances the odor and appearance of human body. Cosmetic word is obtained from the Greek word “kosmetikos” which means the power, arrange and skill in decorating.^[1] In the ancient era around 3000 BC back people used to hunt the animals by decorating different colors and they used to protect themselves by coloring their body to make fear in animals and other enemies.^[2] Cosmetics were discovered long ago and the origination was associated with many factors such as hunting of animals, superstitious belief, religious facts and fighting amongst communities and later it was also related to medical reasons and medicines also.^[3] Cosmetics including substances and products are used to enhance and change the overall appearance of the body. They are designed in such a manner for applying on the face, hair and body. Herbal cosmetics are the cosmetics in which one or more herbal ingredients are used to form base 1,2. Phytochemicals are the substances which present in the herbal cosmetics. This influences the functions of the skin and provides necessary nutrients for healthy glowing skin or hair.^[3] A lipstick is a cosmetics product which is most widely used cosmetics. In implant pigments, oils, waxes, and emollients that provide color, texture, and protection to the lips form

many factors. Many colors and types of lipstick exist. Some types lipsticks are also lip balms, to add color and hydration.^[4] Now a day's the demand of herbal cosmetics in the world market are growing and are inevitable gifts of nature. There are a wide range of herbal cosmetic products to satisfy the needs of women for beautifying purpose. In contrast to the synthetic one the herbal cosmetics are safe on human health.^[5] A good lipstick should have explained features and be agreeable to consumers, such as having appropriate texture and antioxidant properties. Bases, oils, emollients and colorants are during the description of components that allow to the properties of fine lipstick. Texture, melting point and hardness of the lipstick are the dominant characteristics that are modified by varying the ratio of the components that are used in the formulation.^[6] Pigments (colourants) are the components that performance an important role in the lipstick formulation as it composed the aesthetic value of the lipstick. Colorants can be from synthetic and natural sources. Synthetic colours are manufactured chemically. In some case they can be carcinogenic and even fatal. This degree thus direction the use of natural colorants in manufacture of lipstick. Natural colours are extracted from natural sources such as plants, insects, algae.^[7]



Fig – lipstick.

Ideal Characteristics of A Good Lipstick

- A. It should be long lasting
- B. Smooth and easy to apply.
- C. Non-irritant and non-toxic.
- D. It should not dry on storage.
- E. It should have required plasticity.
- F. It should be free from gritty particle.
- G. Should have attractive colour and shine.
- H. Free from grittiness and should be non-drying.
- I. It should be stable (physically and chemically).
- J. It should have pleasant taste, odour and flavour.
- K. Don't lose its smooth and shiny appearance during storage.
- L. Its appearance should be smooth, shiny and free from sweating.
- M. Stable during its shelf life- means free from bloom or sweating during storage.
- N. It should not melt or harden within reasonable variation of climatic temperature.^[8,9]

ADVANTAGES

- A. The ingredients in the natural lipstick are all natural and are safe to use.
- B. They also contain natural nutrients that keep lips healthy.

- C. They have fewer or no aspect impacts.
- D. They are non-toxic, highly lipophilic, antioxidant, anti-microbial, anti-inflammatory and are used in leucoderma of lips.
- E. Extensive range of colours to choose from.
- F. Colorant has different original shades of colours from purplish red, ruby red, beetroot purple, dark violet, pastel red, pale red, purplish red, rose red, deep magenta, dark purple, orange, deep violet.
- G. Different combinations and shades can be obtained from these colours.
- H. By adding organic and inorganic acid and base colour may be changed to different shades.^[10]

METHOD OF PREPARATION

- A. First, melt and mix the raw ingredients for the separately according to their melting point.
- B. Heat the solvents, oils, waxes in separate stainless steel or ceramic containers.
- C. Then mix solvent and liquid with the colour pigments.
- D. Mix the pigment mass with the hot wax.
- E. Then pour this into tubing moulds, cool, and separate the lipstick from the mould and fit it in the lipstick case.^[11]



Fig. Preparation of lipstick.

Evaluation Parameters of Herbal Lipstick

It is very necessary to maintain a uniformity criterion for herbal lipstick, keeping this view in mind the formulated

herbal lipsticks evaluated on the parameters such as melting point, breaking point force of application, surface anomalies, solubility, pH, skin irritation etc.

A) Melting point

The melting point determination is most important as it is an indication of the limit of safe storage. The melting point of is determined by capillary tube method, the capillary is filling and keep in the capillary apparatus.

B) Breaking point

In this parameter is in done to determine the strength of lipstick. The lipstick is located horizontally in a socket inch away from the edge of support. The weight is gradually increase by a specific value (10 gm) at specific interval of 30 second and weight.^[12]

C) Force of application

This test is done for comparative measurement of the force to be applied for application. A slice of procedure brown paper kept on a shadow graph balance and lipstick is applied at 45° angle to cover a 1 sq. Inch area until fully covered. The obtain pressure reading is an indicate to the force of application.

D) Surface anomalies

This studied is performed for the detection of surface defects, such as detect formation crystals on surfaces, detect contamination by moulds, fungi etc.

E) Aging stability

The product is stored in 40°C for 1 hours. Various parameters such as bleeding, crystallization of on surface and ease of application were observe.^[13]

F) Solubility test

The formulation is dissolved in various solvents to observe the solubility of the lipstick.

G) pH parameter

The pH of formulated herbal lipstick is determined using pH meter.

H) Skin irritation test

In the skin irritation test is performed by Apply the lipstick on the skin for near about 10 min and observe.

I) Perfume stability

The formulation herbal lipstick is tested after 30 days, to record fragrance.^[14]

CONCLUSION

This review provides on the use of herbal ingredients on the preparation of lipsticks having minimum or no side effect. In last some decades there has been dreadful promotion in use of cosmetics by women as a beautifying agent. Lipstick formulated using different natural ingredients such as Bees wax, Carnauba wax, Castor oil, Coconut oil, Olive oil, Vanilla, Strawberry and Rose essence, Cinnamon bark powder, Turmeric powder, Beetroot powder, Cocoa powder, Pomegranate juice, Carrot juice, Tomato juice, Vitamin E and lemon juice. Study concluded that herbal lipstick can be successfully.

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