

Natural Lip Balm

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Abstract: *Cosmetics are unbelievably in demand since historical time. These days people prefers naturally derived cosmetic products. Cosmetic plays a important role in today's life style. Along all cosmetic products, Natural lip balm preparations are most widely used to increase the beauty of lips and add glamour touch and shine to the beauty. Lip balms provides a natural way to promote healthy and moisturized lips. Coloring lips is the ancient practice to increase the beauty of lips and to give shine to the face. Current cosmetic lip products are based on use of toxic chemical ingredients with various adverse effect. That's why it leads to study natural ingredients used to production of natural lip balm. This article reviews on the natural ingredients used for natural lip balm along with their advantages and disadvantages.*

Keywords: Natural, lip balm, cosmetic, lip dryness, lip moistures

I. INTRODUCTION

In today's fastly growing civilization demand for natural products whose production is safe to the environment has increased the production of natural cosmetics. Lip balm is a cosmetic product similar to lipstick which is used to prevent lip dryness and protect against hazardous environmental factors.

This work involved the production of a lip balm by formulated with natural or herbal raw materials and the checking of stability tests: Melting point, evaluation of organoleptic characteristics (colour, odor and appearance) and functionality evaluation (spreadability test).

Natural Lip balms preparations applied on the lips to avoid dryness and protect against adverse environmental pollutant. Natural Lip balm helps to maintain and promote healthy lips

The main ingredients of Lip Balm

- Bees wax
- Mentha oil
- Strawberry pulp
- Beet root powder
- Coca butter

Which provide consistency and work as emollients in the formulation.

Anatomy of Lips

The lips play role as organs which is designed to grazing, suction and speech. It is combination of the skin, superficial fascia, orbicularis muscle and the muscles inserted around it.

The margins of the lips are covered with dry, red mucous membrane, continuous with the skin.

The areolar tissue or submucous layer contains the coronary vessels which completely encircle the buccal orifice near the free margin of the lips.

II. MATERIAL AND METHODS

2.1 Material

- Coca butter,
- Mentha oil
- Strawberry pulp

- Beet root powder
- Bees wax

Ingredients, Function in formulation

Cocoa butter:

Ingredients: (Theobroma cocoa)

Function: Healing property, Hydrating, reduces melting point

Mentha oil: (peppermint oil)

Ingredient: (menthol)

Function: Preservative, perfumery

Strawberry pulp: (Queen of Berry)

Ingredient: (Vitamin C, Glucose)

Function: Flavouring agent

Beet Root Powder: (Red Garden Beet)

Ingredient: (Betaxanthin, Saponin)

Function: colouring agent, food additive

Bees Wax: (Candle Wax)

Ingredient: Oleic acid,

Function: Used as Base for oil preparation, Emmolient

Vitamin E: (Tocopherol)

Function: Antioxidant, Stabilizers.

Preparation of Natural Lip Balm

- The raw materials were weighed on a balance accurate.
- The preparation technique involved heating the solid raw materials in under observation with an using waterbath until complete melting and homogenous mixture is formed at a maximum temperature .

Evaluation Tests of Natural Lip Balm

Preliminary stability Test:

The formulation was evaluated on Preliminary Stability Tests which included Physical characteristics (color, odour and appearance) and spreadability test . As this formulation results in no Physical or spreadability changes, it was submitted to Normal Stability test .

Normal Stability Study

A quantity of 25 g of the formulation was prepared for the Normal Stability Test, in which the Physical characteristics (color, odour, appearance), spreadability and melting point were evaluated for 5 days under the conditions of Room Temperature, Oven and Refrigerator .The samples were well stored.

Melting Point

To check the melting point, the material was made melted to fill capillaries.

The temperature at which melting of the lip balm sample was observed was considered the melting point (Gouvea, 1993).

Organoleptic Characteristics

- Color,
- Appearance were characterized visually with a magnifying glass of 10xmagnification,
- Odour was compared by the evaluator [olfactometer].

Test of Spreadability

The test of spreadability involved of applying the product (at room temperature) repeatedly onto a glass slide to visually observe the uniformity in the formation of the protective layer and whet.

Application of Natural Lip Balm:

- Natural Lip balms are products applied onto the lips to avoid dryness and protect against adverse environmental factors.
- Numerous lip balms of chemical origin are currently available in the market from companies like The body shop, Nivea, Himalaya, Blistex, Babylip etc.
- Natural Lip balm being a product intended for use by both men and women.
- To produce lip balms, it is necessary to balance the concentration of the main ingredients including butters, oils and waxes and other excipients .
- Lip balms are often eaten away by the user and hence it is imperative that health regulators have a microscopic lookat the ingredients that go in to the lip balm.

Advantages of Natural Lip Balm

- Natural Lip balms helps to care the natural health and beauty of the lips.
- The Natural lip balm can use both men and women can use them.
- Natural Lip balm products help to protect lips affected by cold sores, chapping and dryness
- The use of natural lip balm cosmetic to treat the appearance of the face and condition of the skin.

Disadvantages of Natural Lip Balm

- Lip balms made of low quality ingredients can harm the lips seriously.
- Lip balm addiction.
- Compared to commercially-prepared lip balms, homemade lip balms tend to stay on the lips for a shorter duration of time.
- Natural oils have other disadvantages such as greasier and less spreadability.
- Common Ingredients used in Natural Lip Balm

Composition of Natural Lip Balm

INGREDIENTS	QUANTITY	USES
Beeswax	5 %	Used as Base
Mentha oil	2 %	Preservative
Strawberry pulp	15 %	Flavouring Agent
Beet Root Powder	5 %	Lighten up the darker lips
Coca Butter	0.08 %	Healing Property
Vitamin E	5 %	Antioxidant, maintain the stability

Steps Involved in Preparation of Natural Lip Balm

- Step 1: Gather ingredients and supplies.
- Step 2: Melt beeswax in a china dish-A on the burner by using waterbath.
- Step 3: Pour beeswax, Mentha oil, and strawberry pulp into a glass measuring container and add into hot air oven until melted together.
- Step 4: Add in desired amount of Beet Root Powder as a Colouring agent.
- Step 5: Melt the coca butter in china dish-B by heating after melting of coca butter add Vitamin E in it.
- Step 6: Add the china dish- B into china dish- A and mix it properly with continuous starring.
- Step 7: Pour the prepared product in wide mouth container and let cool at room temperature.

III. CONCLUSION

Due to large requirements of beauty increasing products cosmetics industry is growing. This Review paper reviewed the current condition of natural lip balm products. This also studied the natural lip balm involves natural ingredients, evolution tests formulation methods, advantages and disadvantages. Hence it can results in the study has been performed on the natural lip balm products and shown large scope for cosmetic products in future.

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