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## Formulation and Evaluation of Lipstick from Beta Vulgaris

Jayashri .s. kolsure <sup>\*1</sup>, Khalid .U.shaikh<sup>2</sup>, Nandkishor.B. Bawage<sup>3</sup>,shyamalila .B.Bawage.<sup>4</sup>

<sup>1</sup>. B- pharmacy final year Latur college of pharmacy ,Hasegaon,.

<sup>2</sup>. Department of Pharmaceutics ,Latur college of pharmacy ,Hasegaon.

<sup>3</sup>. Department of pharmaceutical Analysis,Latur college of pharmacy ,Hasegaon.

<sup>4</sup>. Department of pharmacognosy, Latur college of pharmacy ,Hasegaon, Tq .Ausa,Dist.Latur -413512 , Maharashtra, India.

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### ABSTRACT

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Now a days herbal lipstick gaining popularity .There are two types of cosmetics i.e.natural and synthetic cosmetic .The natural cosmetic are safe to use and easy to handle by women . synthetic cosmetic may cause allergic reaction and many side effects.There are so many products of makeup items are available in the market like lipstick,mascara,kajal, eyeliner etc.one of the most important product of cosmetic i.e.lipstick .the lipstick used to impart attractive colour and glossy moisture appearance to the lips . lipstick containing synthetic colourant which are made up of harmful chemicals,and these harmful chemicals are very harmful to our skin because it creates so many problems so,the demand of cosmetic containing herbal ingredients increased universally because the herbel does not show any side effects.

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Keywords:- Lipstick,beet velgaries, formulation and evaluation.

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### 1. Introduction

Cosmetics have become an integral part of women's life.one of the best example of cosmetic i.e.Lipstick .the Lipstick is an cosmetic product used to enhance women's beauty.the composition of the cosmetic lipstick is waxes, oil, paraffin, antioxidant, preservatives, flavouring agents.These preparation of lipstick do not give any side effects and do not damage our lips . lipstick is an integral part of women's life and these lipstick are available in different styles, design and packaging of lipstick.

There are two types of lipstick.

- 1.synthetic lipstick
- 2.natural lipstick

#### 1. Synthetic Lipstick

##### ADVANTAGES :-

- Enhance the beauty
- prevention from dehydration
- protect from uv rays
- Increase Confidence.

##### DISADVANTAGES :-

- Traces of heavy metals ( pb, cd, cr, Bi)
- Toxic ingestion
- Blackening of lips

- skin irritation, Inflammation
- Leads towards life threatening disease ( cancer, Renal failure)

#### GOOD CHARACTERS OF LIPSTICK :-

- Non Toxic
- Good plasticity
- Stable both physically and chemically
- Not dry on storage
- the Lipstick maintain colour of lip.
- Shiny and smooth appearance
- Free from sweating.

#### BETA VULGARIS :-

SOURCE :- It is obtained from ripe root of plan beta vulgaris.

FAMILY :- Amaranthaceae

CHARACTER :- beta vulgaris is an herbaceous biennial or rarely perennial plant upto 120cm height. And the wild form of beta vulgaris are distributed in southwestern, northern.

#### BENEFITS OF BEET ROOT :-

- Helps reduce blood pressure.
- Increases your stamina.
- prevent dementia.
- Helps to reduce birth defects.
- prevent respiratory problems.
- Takes care of your eyes and liver.

**Table 1 - General formulation**

Ingredients	Uses	Quantity
Castor oil	Blending agent	8ml
Bees wax	Glossy & appearance	13gm
Lemon juice	Antioxidant	0.5ml
Beet root juice	Colouring agent	10ml
Ripe fruit powder of shikakai	Surfactant	6gm
Orange essence	Flavouring agents	0.5ml
Vanilla essence	Preservative	Q.S

#### ***I.Castor oil :-***

- .It soft supple lips.
- . It relief from cracked lips
- . It is used as superior hydration.

#### ***II.Bees wax :-***

- .Bees wax is used as a thickening agent
- .It is used in lip- balm.

#### ***III.Lemon juice :-***

- .The orange juice is best for dry lips.
- . It is used to healthy lips and prevent cell damage.
- .It is used to smoothness of lips.

## IV .Beet root juice :-

.It is used as a colouring agent.

## V. Ripe fruit powder of shikakai :-

. Hydrates dry skin.

.Gives skin a natural glow.

## VI.Orange essence:-

.It is used in herbal Lipstick.

.It is used as a flavouring agent.

## VII.Vanilla essence :-

.It is used as a preservatives.

.It is used as anti-ageing agent.

.promotes healthy skin.

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## 2 METHOD OF PREPARATION :-

### PROCEDURE :-

1. Collection and authentication of beet root.
2. Extraction of colour pigments from beet root by soxlet extraction in 1:3 ratio ( ethanol: beet root).
3. Formation of Lipstick by using O/W emulsion method (oil+ ethanolic in mortar).
4. All waxes and perfumes emulsifying agent add to mortar by continuous trituration.
5. Emulsion heating continuous triturates .pour into mould
6. Mould keep into refrigerator to convert into solid.and formation of Lipstick are occurred ,and these lipstick placed in Lipstick container.

### EVALUATION OF LIPSTICK :-

The evaluation parameters of lipstick are as follows

Generally the colour of Lipstick is red and the pH is 6.herbal Lipstick has no skin irritation test.and the melting point is 59-61, breaking point is 30.the thixotropic character is 9.and the aging stability is smooth ,and it is soluble in chloroform.

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