

# Formulation and Evaluation of “Activated Charcoal Mukha Lepa”

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## ABSTRACT

The objective of this work is to formulate and evaluate a cosmetic herbal activated charcoal Mukha lepa for glowing the skin by using natural ingredients. With the varying concentration, three different formulation containing ingredients such as activated charcoal, bentonite clay, sandal wood, orange peel and turmeric. Where prepared named as F<sub>1</sub>, F<sub>2</sub> & F<sub>3</sub>. All prepared formulation were evaluated by different parameters like organoleptic properties and physico-chemical parameters and stability along with irritancy test. Among all formulation F<sub>2</sub> was found to be good in physical parameters free from skin irritation.

**Key words:** Cosmetics, Mukha lepa, Herbal, Formulation, Evaluation

- Treats acne
- Shrinks pores
- Suitable for all skin type
- Soothes Irritation and skin bites
- Nourishes the skin.
- Help to reduce the pimple, scars and marks.
- Remove dead cells of skin.
- These face pack provide a soothing and relaxing effect on skin.
- Natural face packs make the skin look young and healthy.

## II. MATERIAL AND METHOD

Ingredient used in Activated charcoal MukhaLepa

- Activated charcoal
- Bentonite Clay
- Sandal Wood
- Orange Peel
- Turmeric

## I. INTRODUCTION

Benefits of Activated charcoal mukha lepa

- Flawless skin

TABLE 1 FORMULATION OF FACE PACK

SR.NO	NAME OF INGREDIENT	SCIENTIFIC NAME	F <sub>1</sub>	F <sub>2</sub>	F <sub>3</sub>
1	Activated charcoal	Activated carbon	50	35	40
2	Bentonite clay	vagabond	20	20	20
3	Orange peel	Citrus reticulate	10	30	20
4	Turmeric	Curcuma longa	10	5	10
5	Sandal wood	Tantalum alba	5	10	10

## III. METHOD OF PREPARATION

- ✓ Weighing
- ✓ Mixing
- ✓ Sieving
- ✓ Collection and Storage

- Take prepared face pack powder in a bowl as per requirement and add rose water, honey to mix.
- Mix well and apply over the facial skin.
- Cover the acne and blemishes spots too.
- Kept as it is for complete drying for 20 to 25 min and then wash with cold water.

## IV. PROCEDURE OF MUKHA LEPA APPLICATION



## V. METHOD OF EVALUATION

- Organoleptic Evaluation: ( Nature, color, feel etc.,
- Physical Evaluation (flow property, density etc.,
- Physicochemical Evaluation ( pH)
- Irritancy Test

## VI. RESULT AND DISCUSSION

### 6.1. PHYSICAL PARAMETER

**Table No. 2:** Organoleptic Properties

Sr.no	Parameter	OBSERVATION		
		F <sub>1</sub>	F <sub>2</sub>	F <sub>3</sub>
1	Appearance	Powder (free flowing)	Powder (free flowing)	Powder (free flowing)
2	Color	Black	Greenish	Black greenish
3	Odor	Slight	Slight	Slight
4	Texture	Fine	Fine	Fine
5	Smoothness	Smooth	Smooth	smooth

### 6.2 PHYSICOCHEMICAL PARAMETER

The pH of all formulation lied near to neutral range i.e. in the range 7 to 8 ph.

**Table No. 3:** Physical and Physicochemical Evaluation

Sr.no.	Parameter	OBSERVATION		
		F <sub>1</sub>	F <sub>2</sub>	F <sub>3</sub>
1	pH	8	7	7.3
2	Angle of repose	30.9	30.1	30.3

### 6.3. IRRITANCY TEST

**Table no.4** Irritancy test

SR.NO	EVALUATION	FORMULATION			OBSERVATION
		F <sub>1</sub>	F <sub>2</sub>	F <sub>3</sub>	
1	Irritant	+	-	+	-NO IRRITANT
2	Erythema	-	-	-	-NO IRRITANT
3	Edema	-	-	-	-NO IRRITANT

## VII. CONCLUSION

**In present study, herbal mukha Lepa is formulated as herbal ingredients having less side effects.** Thus in the present work, it is a very good attempt to formulate the herbal face pack containing naturally available ingredients like activated charcoal, bentonite clay, sandal wood, orange peel and turmeric. It is suggested that the

prepared formulation was physical-chemically stable, and possessed characteristics of a standard cosmeceuticals formulation for skincare.