

## Formulation and Evaluation of Facial Scrub Containing Panchamrut and Other Natural Ingredients

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### ABSTRACT

To remain healthy and to appear good, the pores and pores and skin ground requires periodic cleansing to cast off dirt, sebum and exceptional secretions, dead cells, crusts, carried out make-ups, atmospheric change, and strange life style. Use of chemical based totally absolutely topical applications extends fast deterioration of pores and pores and skin and their appendix. This requires straight away and suitable technique which can not only growth advantages to the pores and pores and skin but moreover useful in prolonged length making your pores and pores and skin look charming. The scrub modified into evaluated thru using the parameters along with deep cleansing of pores, smoothening effect, pores and pores and skin glow and effect on pimple. The use of natural additives to fight in competition to acne, wrinkle and moreover to manipulate secretion of oil and to cast off tan is called natural or herbal cosmetics. Herbal cosmetics usually include the plant additives which personal antimicrobial, antioxidant and anti-tan, anti- growing olderer properties. Herbal cosmetics are the maximum steady product to use ordinary and now no longer the usage of a aspect effects and splendor are the product which influences the natural function of pores and pores and skin. In this steering the prepared scrub modified into evaluated for various parameters along with look, pH, spreadability, wash capacity and irritability decided to be satisfied with all required characterizations. Thus, the advanced technique can be used as an effective scrub for using it to go through a healthy and glowing pores and pores and skin.

**KEYWORDS:** Milk, Curd, Sugar, Honey, Coffee, Sandalwood, Clove Oil and Almond Oil

### I. INTRODUCTION

A beauty product or remedy which cleanses and exfoliates the pores and skin of the face.

A weekly facial scrub is vital for a wholesome complexion.

### Benefits of Face Scrub

Say good-bye to useless pores and skin cells

The first and major advantage of the use of a facial scrub is disposing of the useless pores and skin cells out of your face. Dead pores and skin cells make your face appearance dry and dull. These additionally clog your pores and skin pores. Facial scrubs exfoliate your pores and skin very well and cast off the useless pores and skin cells.

### Unclogs Skin Pores

Our bodies produce oils that act as herbal moisturizers. However, on occasion the pores and skin can grow to be too oily because of those herbal oils. The greater oil could be saved on your pores and skin pores, inflicting them to clog. It will ultimately result in pimples breakouts. Exfoliation enables to unclog those pores and save you the possibilities of pimples.

### No extra flaky pores and skin

Many of you could have observed dry patches for your pores and skin. These dry pores and skin patches are called flakes. These are dangerous and additionally make the pores and skin appearance dull. Exfoliating the face the use of a facial scrub will assist you cast off flaky pores and skin. It will result in smoother and brighter pores and skin.

### No extra zits scars

Facial scrubs additionally make a contribution to decreasing zits scars and darkish patches for your pores and skin. A scrub promotes the herbal pores and skin resurfacing process. When you scrub your face, it gets rid of the useless and broken pores and skin cells and lets in the pores and skin to rejuvenate. Dark patches and scars thereby emerge as lighter in tone.

**Prevents Ingrown Hair**

Ingrown hair may be irritating because it performs a vital function in pimple outbreaks. Facial scrubbing is one of the first-rate methods to save you ingrown hair from ruining your facial appearance. Choose a face scrub that has antiseptic residences to make your facial scrubbing more secure and beneficial.

**II. MATERIALS AND METHODS**

**Collection of Material:**

Milk, curd, sugar, honey, ghee and Coffee were purchased from local shop. Sandalwood, clove oil and almond oil were collected from department of Pharmaceutics Rajesh Bhaiyya Tope College of B. Pharmacy, Aurangabad, Maharashtra.

**Ingredients of Panchamrut Herbal Scrub**

Sr. No.	INGREDIENTS	ROLE	QUANTITY
1	Milk	Smoothing effect	5%
2	Curd	Moisturizes, Bleaching effect	5%
3	Sugar	Exfoliation	8%
4	Honey	Antiseptic, Antioxidant and Remove dirt from pores	5%
5	Ghee	Cleansing Agent, Soften and hydrate skin	5%
6	Coffee	Glowing skin, Lightens skin	3%
7	Sandalwood Powder	Smoothing and Cooling Effect	2%
8	Clove Oil	Antioxidant and removes dead skin cells	2%
9	Almond Oil	Antibacterial, Vitamin A, Improves skin complexion and skin tone.	2%
10	Rice Flour	Binding Agent	10%

∞ Collection of Plant Material

**Formulation of Panchamrut Herbal Scrub:**

Step 01: Required amount of curd taken in a beaker. Add milk, honey, sugar and ghee separately in to it with non-stop and homogeneous stirring.

Step 02: Required amount of Clove oil and Almond oil taken in separator beaker then add Coffee Powder and Sandalwood Powder and mixed.

Add the contents of steps 01 into step 02 with gentle continuous stirring in a mortar pestle. Add Rice Flour and dough was formed. The prepared dough was sieved through mesh no.44. By this method the dry granules were prepared and dried under the tray dryer. After drying it was triturated and smooth granules was prepared.

**Evaluation Parameter of Panchamrut Herbal Scrub:**

Formulation was tested for Colour, Odour, Consistency,

Homogeneity and Texture, pH, Spreadability, Washability, Skin irritation.

1. Colour: The Colour of formulation was checked manually and observed as Yellow.
2. Odour: The smell of formulation was checked by applying preparation on hand and feels the fragrance of perfume.
3. Consistency: The consistency of the formulation and particles were used to check the texture and homogeneity of preparation on the skin such as stiffness, grittiness, greasiness effect. Formulation found solid in nature.
4. Homogeneity and texture: It was tested by pressing a small quantity of the formulated scrub between the thumb and index finger.
5. pH: pH of formulation was measured by using a calibrated digital pH meter and result was found to be 7.3.

6. Spreadability: Spreadability of the formulations was determined by measuring the spreading diameter by keeping 1g of sample between two horizontal glass plates (10 cm × 20 cm). The standard weight 20 gm applied on the upper glass plate. The spreading quality checked by visual inspection.
7. Washability: This test was performed directly on skin, formulation applied on skin and wash with normal water, after washing clean and clear skin observed.
8. Skin irritation: Small quantity of the formulation was applied on the dorsal part of hand and kept for few minutes and found to be non-irritant, No redness and edema or any other adverse effects.

### III. RESULTS AND DISCUSSION

#### Evaluation of Panchamrut Herbal Scrub

SR.NO.	PARAMETER	OBSERVATION
1	Colour	Yellowish Brown
2	Odour	Characteristics
3	Consistency	Good
4	Homogeneity and Texture	Smooth
5	pH	7.2
6	Spreadability	Easily Spread
7	Washability	Easily washable
8	Skin irritation	Non-irritant

#### IV. SUMMARY AND CONCLUSION

From the above effects its miles concluded that new Formulation of Panchamrut Herbal Scrub can be steady to use and the sugar as a scrubbing/cleansing agent showing correct effects and as frequently additives are natural additives so opportunities for side effects are less. It can be used for any type of pores and skin i.e. normal pores, oily pores and dry pores. It gives pleasant effects and makes the skin glowing and healthy.

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