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Formulation and Evaluation of Polyherbal Facial Scrub

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Abstract: *The main objective of the present study was to prepare a polyherbal scrub incorporated into the gel. Nowadays cosmetics have become an important part in the day-to-day life for both men & women to lead a happy & confident life. Keeping in mind that the cosmetic should be free from synthetic chemicals and Drugs, so we came on a conclusion to prepare & evaluate a polyherbal facial scrub to prevent Acne, Scars, Tanning, Wrinkles, Aging, and Redness. Herbal cosmeceuticals usually contain plant parts that possess antimicrobial, antioxidant, and anti-aging properties and are antiseptic. Cosmetics are defined as products used for the purpose of cleaning, beautifying, Enhancing, attractiveness, or changing appearance In this preparation, guava leaves extract, cinnamon, Multani powder, Neem, Turmeric, Arjuna, and green tea is used as active ingredients and incorporated into the gel which is prepared with Carbopol of different grades. Other ingredients like propylene glycol and triethanolamine. Herbal cosmetics are the safest product to use routinely with no side effects and cosmeceuticals are the product that influences the biological function of the skin. Guava seeds are also rich in minerals Antioxidants, vitamin C, Potassium & Fiber, etc. Guava seeds contain mainly 53.6–67.7% dietary fiber, 10.5–16% fat, 7.9–9.6% protein, and 0.9–1.2% ash. The minerals zinc, iron, potassium, phosphorus and manganese are also present in significant amounts in guava seed meal. Guava seeds contain high levels of yellow flavonoids, coumarin, and resveratrol as well as phytic acid.*

Keywords: Polyherbal, Antioxidants, Anti-aging, Maceration, Guava Leaves, Vit. E

I. INTRODUCTION

The demand for herbal cosmetics is high nowadays due to its ability to act as cosmetics and drugs. Skin care products are an important factor in improving the confidence in individuals. Women were thought to be the larger consumers of skin care products but in the present scenario, men are equally concerned about their look. This concept about beauty, look and attractiveness leads to the boom in this field. Cosmeceutical companies produce their product based on skin texture like men require special types of products due to the roughness of their skin than women. The health of a person can also be determined by their skin, another sensory organ. It is made up of substances like amino acids, lipids, and carbohydrates, among others, thus skin needs a balanced diet to be shiny, clear, and healthy. Cosmetics are defined as products used to beautify, cleansing, promoting attractiveness or alternating the appearance. Cosmetics come in a variety of forms and are used worldwide to enhance beauty. For the purpose of enhancing skin beauty, several skin conditions are developed, such as skin protection, sunscreen, anti-acne, and anti-wrinkle products. Some people have natural beauty, while others have it artificially enhanced. The usage of cosmetics and herbal products has substantially expanded in the current climate. A facial scrub is a cosmetic or a beauty product used to exfoliate and clean the skin on the face and body. Blackheads, whiteheads, sebum, and skin cells can all be removed with the help of facial scrubs. It also supports keeping skin looking good. There are many different sorts of cosmetics, and each has a specific function for the skin. There are many reasons why skin gets non glowing and dull, and these can all be efficiently

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treated by using scrubs. There are three different varieties of skin, including dry skin, oily skin, and sensitive skin. Because dead skin cells are removed via routine usage of scrubs, new skin cells are exposed, resulting in skin that is radiant, smooth, soft, and healthy. Face scrubs exfoliate the skin, clear out clogs and oil from pores, keep skin supple, and quicken cell turnover. The mild abrasive agent is key ingredient of face scrub.


Maceration: This is an extraction process in which Coarsely Powderd drug material, leaves or stem bark or root bark, are placed inside a container; menstruum is poured up until it is completely absorbed by the drug. The container is then sealed and stored for at least three days. The contents are shaken periodically, and when packaged inside the bottle it must be shaken from time to time to ensure complete release. At the end of the extraction, the micelle is separated from the marc by filtration or separation. Next, the micelle is then separated from the menstruum by evaporating in the oven or over a water bath. This method is simple and very suitable for thermolabile plant materials.

Formulation of herbal face scrub:

Preparation-

- Weighed accurately all the herbal powders such as amla, Tulsi powder and Multani mitti and weighed accurately all the herbal powders such as amla, sieved through #120 and mixed them together to form a uniform mixture with mortar and pestle.
- Weighed accurately, green tea, cinnamon, coffee, triturated them together to form a uniform mixture. In that mixture added previously prepared herbal drug and triturated to obtain a uniform drug powder of face scrub.
- And then add Glycerine make a paste and 250 ml of distilled water in the beaker and keep it for maceration for 72 hours (3 days) . keep 2 checks per by stirring it.
- After 3 day filter the solution. then evaporate the obtained filtrate.
- After the evaporation extract is obtain then add walnut powder, and other constituents.

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