



INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

Formulation of Herbal Face Serum from Indian Herbal

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Abstract— Facial serums are skin care products that the skin can absorb rapidly. They are formulated to contain high doses of certain active ingredients, such as vitamin C and retinol. They are not moisturizers. Instead, they are an additional step in skin care routines selected to address specific skin concerns. Serum get rapidly absorbed and have the ability to penetrate into deeper layers together with its active ingredients, to moisture and deliver added nutrients. serum contain high concentration of active ingredients, so are usually made to contain just a few active ingredients. Due to high concentrations of active ingredients serums produce the desired results faster than other creams or similar products. The formulation containing 96% rice water was biocompatible with the human skin and presented suitable cosmetic properties. Rice water should be thus considered as an anti-aging ingredient to be used as raw material for skincare applications.

KEYWORDS: Rice water, Antiaging,

INTRODUCTION

Serum is a skin care product containing a gel or lightweight lotion or moisturizing consistency and have ability to penetrates deeper to deliver active ingredients into the skin. A good skin Serum may provide your skin a firmer, smoother texture, make pores appear smaller and increase moisture Whether it is moisturizer, antiwrinkle or anti-aging product or skin serum, all these products should contain antioxidants, cell-communicating ingredients and skinidentical ingredients. All skin type needs these ingredients to be as healthy as possible. Gel and liquids preparations are best for oily and combination skin, serums and light lotions are best for normal to dry skin, more emollient lotions and moisturizing creams are best for dry to very dry skin The polysaccharides present in Aloe Vera have excellent moisturizing property and when mixed with essential oils, it makes an excellent skin smoothening moisturizer and sun block lotions. Due to its soothing and cooling qualities Ayurveda recommends Aloe Vera for a number of skin disorders. Aloe Vera extract have antibacterial and anti-fungal activities, which may help in the treatment of minor skin infection.

CLASSIFICATION OF SERUM:

1. Anti-aging serums
2. Skin brightening serums
3. Acne fighting serums
4. Hydrating serums

5. Exfoliating face serums

6. Repairative face serums

LITURATURE REVIEW:

The aim of this project is to design and develop a formulation containing rice water and to evaluate its biological properties, namely, the anti-aging and antioxidant rice water properties Rice water presented in vitrobiological antioxidant activity and elastase inhibitory effect. The formulation containing 96% rice water was biocompatible with the human skin and presented suitable cosmetic properties. Rice water should be thus considered as an anti-aging ingredient to be used as raw material for skincare applications.

AIM:

The aim of this project is to design and develop a formulation containing rice water, rose oil, aloe vera gel to evaluate face serum which containing biological properties, namely, the anti-aging and antioxidant rice water properties.

OBJECTIVE:

The main objective of face serum is

1. Provides hydration
 2. Provides antioxidants and a concentrated dose of nutrients to the skin.
 3. Absorb quickly into skin.
 4. Promotes healthy and glowing skin.
 5. Help to brighten skin
- decreased physical activity in the urban population.

DRUG PROFILE:

1. RICE WATER:

Rice water is a suspension of starch obtained by draining boiled rice or by bolling rice Until it completely dissolves into water. Using rice water for a skin is a natural home remedy that contains amino acids, vitamins, and minerals that are known to protect and repair skin.

Botanical name: *Oryza Sativa*

Synonyms: Bran, corn, Rye

Plant family: Poaceae

Kingdom: Plant

Uses Of Rice Water In Skin Serum:

1. Rice water has anti-ageing benefits
2. use for brighten skin.
3. It can boost skin barrier health.
4. Reduce oiliness from fact

ALOE-VERA GEL:

Aloe vera is a succulent plant species of the genus aloe, Aloe- vera gel has cooling properties and is anti-inflammatory. It is one of the most natural remedies for sunburn or burnt skin. applying this gel helps with a protective layer for the skin, and it also helps to retain moisture. Aloe -vera gel has vitamin C and E, beta carotene in abundance. therefore, it Has anti-ageing properties

Botanical name: Aloe barbadensis miller. **Synonyms:** Aloe perfoliata

Plant family: Asphodelaceae

Kingdom: Plant Division :Tracheophyta vascular

plants Class: Magnoliopsida

Order: Asparagales

Genus: Aloe L

Species: Acibar aloe

EVALUATION TEST:

Evaluation of face serum includes following parameters.

1.Determination of organoleptic properties : The appearance of the serum was judge by its colour, pearlescence and roughness.

2.pH : The pH meter was calibrated and measured the pH by placing beaker in the containing 25 ml serum

3.Homogeneity – The test was done by physical touch with hands.

4.Appearance – The appearance of the serum was found by observing its color, opacity. Etc

5. Irritancy test: The serum was applied on face and observed in equal intervals upto 24 hrs for irritancy ,rdness and edema

6.Determination of emolliency – Emolliency, slipperiness and amount of resdue left after the application of fixed amount of serum was checked.

CONCLUSION:

The aim of the study was to formulate and evaluate extracts of different herbals in to a serum for fairness activity In this present study I will discussed about the benefits of rice for skin. Rice water should be thus considered as an anti-aging ingredient to be used in skincare products. The pharmacological evaluation of serum proved that it produces the fairness action within a week. The study was to formulate different herbals into a serum for moisturizing and glowing activity on skin. aloe vera contain number of vitamins and minerals that have a strong moisturizing capacity and anti – ageing effects to maintain healthy- and fresh-looking skin.

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