



FORMULATION AND EVALUATION OF RICE WATER SERUM MISS. POOJA MASAL

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Abstract:

Serums are skin care products that have good absorption. They are formulated to contain high doses of certain active ingredients, such as vitamin C and retinol. They are not moisturizers. The main aim of this is to study the serum and use of it.

Introduction :

Rice water is very beneficial for the skin it is used to treat various skin problems. By using the rice water serum glass skin is obtained. Another benefit of rice water serum is it is biocompatible with the skin and produces very few side effects.

OBJECTIVES:

High permeability

Contains high amount of active ingredients

Good absorption

Treat the skin problems to act on a deeper layer

Make skin soft, radiant, and flawless.

MATERIALS AND METHODS :

Sr no.

Ingredients

1

Rice water

2

Aloe vera gel

3

Vitamin e oil

4

Glycerin

TYPES OF FACE SERUM :

Anti-aging serum

Exfoliating serum

Skin brightening

Acne fighting

Hydrating

MARKETED PRODUCTS :

Sr no

Products

1

Kulsum kavya

2

Organica natural herbs

3

Golwelle

4

Anareal

ADVANTAGES :

1. Serums remove such remaining impurities to supply your face with additional and complete cleanse.
2. The appearance of pores can be minimized by regular use of the serum.
3. Serums help reinstate the pH balance of the skin 4. Serum tends to soak quickly into the skin, giving it an instant boost of hydration.
4. They are good humectants since they contain substances like glycerin. It means they aid in the absorption of moisture through the skin. They prepare the skin so that it can absorb the serums and creams that will be used in the future.

Serum can make your skin feel instantly refreshed.

CONCLUSIONS:

The face serum with 96% of rice water is very useful in treating the skin. The serum has good absorption so it produces very quick results.it is an herbal product so it produces fewer side effects

REFERENCE :

1 Cho JM, Lee YH, Baek RM, Lee SW J, Effect of platelet-rich plasma on ultraviolet B induced skin wrinkles in nude mice, *PlastReconstrAesthetSurg*, 2011; 64(2): e31-9.

2. Begoun P, *The original Beauty bible (skincare facts for ageless beauty)*, United States Book trade publisher group, west 1700 Fourth Street Berkeley, California. Edition 1st, 2009; 113. 3. M. Itrat, Zarnigar, Aloe vera a review of its clinical effectiveness, *International research journal of Pharmacy*, 2013; 4(8).

S. Ojha, K. Sonkar, M. Pandey, S. Saraf, Aloe vera gel: A potent nutraceutical, *Journal of natural pharmaceuticals*, 2011; 2(1): 36-39.

Coppini, D.; Paganizzi, P.; Santi, P.; Ghirardini, A. Capacità protettiva nei confronti delle radiazioni solari di derivati di origine vegetale. *Cosm. News* 2001, 136, 15–20 6s Lerma-García, M.J.; Herrero-Martínez, J.M.; Simó-Alfonso, E.F.; Mendonça, C.R.B.; Ramis-Ramos, G. Composition industrial processing and applications of rice bran gammaoryzanol. *Food Chem.* 2009, 115, 389–404. [CrossRef]

