

Formulation and Evaluation of Herbal Face Wash

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Abstract: Herbal formulations have enlarging demand in the world market as a source of food, cosmetics, and medicinal purposes. The aim of this study is to formulate and evaluate the herbal face wash. There are three forms of herbal face wash i.e., gel, cream and liquid-based face wash. We have studied on liquid-based herbal face wash. Ingredients required in this formulation are extracted by the Maceration extraction method. Turmeric (*Curcuma longa*), Aloe Vera (*Aloe barbadense* Linn), Lemon (*Citrus Limon*) source of vitamin C, Neem (*Azadirachta indica*) are very helpful and do not have any side effects. All herbal ingredients are easily available in the surrounding area.

All the plants that have been used in this article have better antioxidant, antimicrobial, and anti-inflammatory properties. There are a number of formulations available on the market with different variety of active pharmaceutical ingredients for the treatment of acne and others skin problems especially for face. Changing environmental conditions and many pollutants, especially UV rays, are harmful for the human body. They're damaging our skin, so cosmetics are part of taking care of the skin and body parts. As we know that face is sensitive part of body The Neem has more medicinal properties, leaves and their chemical constituents have been demonstrated to exhibit anti-inflammatory, anti-hyperglycemic, antiulcer, anti-malaria, antifungal, antibacterial, antimutagenic, and anti-carcinogenic properties. This is a study to evaluate the dermal safety and efficacy of the herbal formulation. There was a remarkable decreasing in the oiliness of the facial skin and an associated minimization of arising facial problems. Few subjects also noticed improvements in skin complexion. The present work deals with Preparation of Extracts, preparation & evaluation of the herbal face wash. It is essential to evaluate the formulation to check their efficiency and effectiveness by using above parameters color, Oduor, appearance, consistency, Washability, PH & Spread ability. Formulation showed no lumps along with easy Washability, good Spread ability and neutral PH. This study presents the formulation and evaluation of a herbal face wash designed to meet the growing demand for natural and safe skincare products. The formulation process involved selecting a blend of herbal extracts known for their skin-friendly properties, along with appropriate surfactants, thickeners, and preservatives to ensure stability and efficacy. Physicochemical characteristics such as pH, viscosity. and foamability were evaluated to assess product quality. Additionally, sensory analysis was conducted to gauge user preferences regarding fragrance, texture, and overall experience. Microbiological tests were performed to confirm product safety. The results indicated that the formulated herbal face wash exhibited desirable properties, including balanced pH, suitable viscosity, and satisfactory foam formation.

Sensory evaluations revealed positive consumer acceptance, with preferences for natural fragrance and smooth texture. Microbial studies confirmed the product's microbial safety for consumer use. Overall, the formulated herbal face wash offers a promising option for individuals seeking natural and effective skincare solutions. Acne and pimples are treated using herbal face washes. Herbal Facewash eliminates excess oil without eliminating nutrients from the skin and contains rich plant-based components like feverfew (*Tanacetum parthenium*) and neem.

Azadirachta indica). The building blocks of finished herbal medicines are known as herbal preparations. These can be comminuted or powdered herbal ingredients as well as extracts, tinctures, and fatty oils of herbal materials. The demand for herbal formulations is rising on the global market. Establishing the herbal face wash with aqueous neem leaf, tulsi leaf, and orange peel extracts is a very commendable effort. The herbal face wash formulation was more effective than the commercial face wash. Since all of the ingredients in this composition are herbal, they are safe for the skin and trustworthy.

Keywords: Acne, Dark Circles, Pimple, Tan, Herbal face wash, Hydro alcoholic, Turmeric, Acne vulgaris, UV rays, anti-inflammatory, Anticarcinogenic