

Formulation and Evaluation of Face Serum using Pineapple and Liquorice Extract

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Abstract: A face serum is a lightweight skincare product that contain a higher concentration of active ingredients which can be applied directly into the skin. The study aims to prepare face serum using pineapple, liquorice extract and are evaluated for their efficacy. Serum was formulated by using emulsion method, in which water phase is pineapple extract, liquorice extract, rose water and oil phase is tween 80, glycerin. Liquorice powder extract was obtained from liquorice root(glycyrrhizaglabra) belongs to the family fabaceae using maceration method and pineapple extract was obtained from pineapple fruit(ananascomosus) belongs to the family bromeliaceae by centrifugation method. We have prepared 4 formulations of our face serum, namely F1, F2, F3, F4. All 4 formulations were evaluated for different parameters. Out of this F4 was selected as best as it satisfies many tests like pH, Spreadablity, Viscosity, Homogeneity, Washability, Smoothness etc. The study indicated that face serum using pineapple and liquorice extract can be effectively used for reducing the ageing signs and dryness of the skin

Keywords: Ananascomosus, Glycyrrhizaglabra, Face serum, Anti-aging