

Novel Herbal Drug Delivery in Cosmetics

Pradnya Gadhire, S. K. Bais, Simran Kolekar

Fabtech College of Pharmacy, Sangola, Solapur, Maharashtra, India

simrankolekar12@gmail.com

Abstract: *Cosmetics made from plants or herbs that are a combination of many different natural chemicals or compounds are referred to as herbal cosmetics. The specifications of the herbal ingredients, the formulation's structure, and the manufacturing procedure are, in this context, crucial factors that influence the final quality and stability of herbal cosmetics. If a cosmetic is natural or organic, it must also be manufactured in accordance with the applicable international standard for technical definitions and criteria of natural and organic cosmetic ingredients and products (ISO 22716). (ISO 16128). Vesicular, particular, and emulsifying agent drug delivery systems are the most favored drug delivery systems among the many used in herbal cosmetics. The benefits of such systems for herbal cosmetics include higher efficacy, increased stability, and a decreased allergenic potential of specific herbal compounds. Thus it is possible to increase the efficacy, stability, and safety of the finished product by selecting an appropriate drug delivery system for a herbal cosmetic. The fulfilment of quality requirements during production, after packing, and during shelf life would be crucial in order to meet long-term stability and dermatological safety, in addition to the advantages previously mentioned. Since herbal cosmetics have become more challenging.*

Keywords: Natural sources, novel delivery techniques, standards, herbal cosmetics

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