

ABSTRACT

(LITERATURE REVIEW)

UTILIZATION OF RED DRAGON FRUIT PEEL EXTRACT (HYLOCEREUS POLYRHIZUS) AS A NATURAL DYE IN COSMETIC PREPARATIONS

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The skin of the red dragon fruit (hylocereus polyrhizus) contains anthocyanin and betasianin compounds which have the potential to become natural dyes in cosmetic preparations in the form of lipstick, blush, and turmeric cream and sour leaves. The use of red dragon fruit peel waste (hylocereus polyrhizus) as a natural dye is expected to be safer, environmentally friendly, and can suppress production waste that continues to increase over time. The characteristics of cosmetic preparations in the form of lipstick, blush, and turmeric cream and acid leaves must pass the dosage quality evaluation test including organoleptic test, homogeneity test, pH test, adhesion test. From the three literature reviews analyzed, the results were obtained that the addition of red dragon fruit peel extract (hylocereus polyrhizus) to turmeric cream preparations and sour leaves gives better results than in lipstick and blush preparations. It is based on the degree of homogeneity & adhesion.

Keywords : red dragon fruit skin, natural dye