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FORMULATION AND STABILITY EVALUATION OF OLEUM CACAO "LIP BALM " AS A LIPS BEAUTY

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ABSTRACT

Dry, chapped, and dark-looking lips are problems that often arise due to the fragile and sensitive skin of the lips to external environmental stimuli. To overcome this condition, lip care preparations are needed in order to prevent these lip problems. Lip balm is a lip cosmetic used to prevent dryness and protect the lips from harmful environmental factors. Lip balm provides a moisturizing effect and adds color to the lips. With the increasing public interest in organic cosmetics because they are believed to be safe and almost no chemical reactions are involved in product preparation, One of the organic raw materials used in lip balm as a lip care cosmetic is oleum cacao (brown fat). Oleum cacao is an oil derived from Theobroma cacao seeds that is safe, gentle, and non-reactive. Cocoa beans contain many polyphenolic compounds, including catechins, epicatechins, procyanidins, and anthocyanidins, which have the potential to be natural antioxidants. In this study, oleum cacao was used as the main base for lip balm and was made in 3 concentration variations, namely 10%, 15%, and 20%. After being made according to the designed formula, evaluation of the preparation will be carried out, such as an organoleptic test, homogeneity test, pH test, melting temperature test, irritation test, preference test (hedonic), and preparation stability test using the cycling test method.

Keywords: Lips, lip balm , oleum cacao, antioxidant, physical evaluation test, and preparation stability test.

(xi + 37)

Bibliography (1979-2023)