Formulation of Lipbutter Using Red Dragon Fruit's Extract (HylocereusCostaricensis)As Natural Dyes With Various Oil Phase Concentration

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***Abstract*—Lipbutter is a cosmetic preparation used for people with dry and cracked lips problems. One example of a fruit that can be used as a natural dye is a red dragon fruit *(Hylocereuscostaricensis)* because it contains anthocyanin pigment that serves as a color pigment. Red dragon fruit is a fruit that has several properties such as antioxidants, antimicrobials, boost the immune system and contains some good vitamins for the skin such as vitamin E, vitamin C and vitamin B three. Red dragon fruit can be used as a lip moisturizer and can overcome dry skin that will effective when used regularly. The aim of this research is to make lipbutter preparation using red dragon fruit extract as natural dye, with oil phase concentration (Oleumricini). Red Dragon Fruit extracted using a method of escaping with the extract. Made with three formulas. Lipbutter preparation is evaluated pH, melting point, and organoleptys. The results showed that the lipbutter preparations were made to have good texture and aroma but the color was not stable.It can be concluded with the addition of the concentration of castor oil (Oleumricini) to the preparation to yield the highest average pH preparation. With the right melting point also produces a pH corresponding to the physiological pH of the lips.**

Keywords: **Reddragon fruit, lipbutter, Natural Dyes, Hylocereus Costaricensis**

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