**PHYTOCHEMICAL SCREENING AND FORMULATION OF ETHANOL EXTRACT OF DUKU FRUIT SKIN (Lansium domesticum) AS**

**ANTI AGING CREAM**

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**ABSTRAK**

Anti-aging is a preparation that is useful to prevent or overcome the effects of aging such as wrinkles, black spots, rough skin and enlarged pores. Duku fruit skin contains flavonoids that can prevent aging and can improve skin health. Flavonoids work as antioxidants that can counteract free radicals, regulate enzymatic activity and inhibit cell proliferation. To formulate an anti-aging cream sedian by using a duku fruit peel extract and to find out whether containing a duku fruit extract cream can provide an anti-aging effect. Making anti-aging cream extract of fruit skin with a concentration of 2.5%, 5%, 7.5%, and 10%, examination of the test preparation (homogeneity test, pH test, selection of emulsion type, test of the relationship of preparations, irritation test), grouping of volunteers and test anti-aging effects for 4 weeks such as air content (humidity), large pores (pores), blemishes (spots), and wrinkles (wrinkles). All homogeneous cream preparations, having a pH of 5.8 - 6.7, are stable in storage for 12 weeks at room temperature. All fruit skin extract cream preparations have anti-aging effects such as: reducing wrinkles, removing black spots and shrinking pores. Duku fruit skin extract cream cannot irritate the skin. Duku peel extract can be formulated in anti-aging preparations. The duku fruit peel extract cream in providing anti-aging effect is 4 weeks with a concentration of 2.5%, 5%, 7.5%, and 10%.

***Keywords: Duku Fruit Skin Extract, Anti-Aging Cream***