



## Formulation of Aloe Juice (*Aloe vera* (L) Burm.f.) Sheet Mask as Anti-Aging

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**Abstract :** Anti-aging is a process to prevent or slow the effects of aging resulting in looking fresh, more beautiful, and younger. Various substances contained in aloe is believed to provide anti-aging effects. Sheet mask has this Occlusive Dressing Treatment (ODT) mechanism that made a good absorption and penetration profile. The aim of this research is to formulate aloe juice as an anti-aging sheet mask and testing its effectiveness against the skin of volunteers. The method was experimental method. Preparations of sheet mask was made by adding aloe juice with various concentration, to the essence base. Evaluation of sheet mask preparation includes homogeneity test, viscosity test, pH test, stability test, irritation test, and anti-aging effect using the skin analyzer device. Parameters measured include moisture, evenness, pores, spots and wrinkles. The result showed that the aloe juice can be formulated into sheet mask. The increasing concentration from aloe juice that was formulated in the sheet mask showed the ability as anti-aging shown by the increased of moisture and evenness level, minimized pores, reduced the number of spots and wrinkles.

**Keywords:** aloe vera, sheet mask, anti-aging, skin analyzer.

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