

Formulation Of Peel-Off Mask From Ethanol Extract Of Water Spinach Leaves As Anti Aging

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Abstract : Aging is a natural process that would be experienced by everyone. Water spinachleaves have a high antioxidants such as flavonoids and cinnamic acid compounds that can be used to prevent premature aging caused by free radicals. Peel-off mask is easy to use and able to clean dead skin cells and dirt in the pores quickly compared to other types of masks. The aim of this research is to formulate and evaluate the effectiveness of peel-off mask from the ethanol extract of water spinach leaves as anti-aging. Evaluation of peel-off 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 results showed concentration ethanol extract of water spinach leaves 3% had best effect on increasing skin moisture and improve skin evenness, minimized pores, reduced the number spots and wrinkles after 4 weeks of treatment.

Keywords : water spinach leaves, aging, free radical, antioxidant, peel-off mask.

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