ABSTRAK

Seiring berkembangnya jaman semakin banyak penemuan produk yang dapat merawat penampilan yaitu Masker *peel off* ang dapat mengangkat sel kulit mati, kotoran kulit dan memperbaiki warna dan tekstur kulit wajah. Masker *peel off* yang sedang dikembangkan yaitu menggunakan susu nabati berbahan jagung manis karena kandungan prokaroten, mineral dan dengan adanya kandungan vitamin B1 dapat memberikan efek antioksidan yang mendukung sebagai perawatan kulit wajah sekaligus sebagai *deep cleansing*. Tujuan dalam penelitian ini yaitu mengetahui potensi susu jagung manis dalam pemanfaatan sebagai sediaan *masker peel off.* Penelitian dilakukan secara praeksperimental berupa Rancangan Acak Lengkap (RAL) Faktorial dengan variasi waktu perebusan dan variasi komposisi bubur jagung manis serta evaluasi jagung manis diantaranya meliputi rendemen susu jagung, uji organoleptik, uji kadar air, uji kadar karbohidrat, dan uji kadar protein dan untuk uji kualitas sediaan masker *peel off* diantaranya uji organoleptik, uji pH, uji viskositas, uji daya sebar, dan uji waktu kering. Hasil yang didapatkan pada penelitian ini memiliki organoleptik dengan warna dan tekstur yang sama dan aroma bau lemah dan rasa manis. Nilai viskositas terendah yaitu 2.845 cP dan viskositas tertinggi yaitu 19.043 cP, dengan kadar pH terendah 5,01 dan pH tertinggi yaitu 6,55. Dari hasil dapat disimpulkan bahwa pada penelitian ini terdapat perbedaan pada kualitas sediaan Masker *peel off* dari bahan dasar susu jagung manis berdasarkan lama waktu perebusan jagung manis dan komposisi bubur jagung manis dengan air Namun hasil yang didapat dari masing-masing kelompok masih memenuhi syarat standar sediaan masker *peel off*.

Kata Kunci : masker *peel off,* susu, jagung manis.

ABSTRACT

Along with the development of the era, there are more and more discoveries of products that can treat appearance, namely peel off masks that can remove dead skin cells, skin impurities and improve the color and texture of facial skin. The peel off mask that is being developed is using vegetable milk made from sweet corn because it contains pro-carotene, minerals and the presence of vitamin B1 can provide an antioxidant effect that supports facial skin care as well as deep cleansing. The purpose of this study was to determine the potential of sweet corn milk in its use as a peel off mask preparation. The research was conducted in a pre-experimental way in the form of a Factorial Completely Randomized Design (CRD) with variations in boiling time and variations in the composition of sweet corn porridge and evaluation of sweet corn including corn milk yield, organoleptic test, water content test, carbohydrate content test, and protein content test. The quality of peel off mask preparations include organoleptic test, pH test, viscosity test, dispersion test, and dry time test. The results obtained in this study have organoleptic with the same color and texture and a weak smell and sweet taste. The lowest viscosity value is 2,845 cP and the highest viscosity is 19,043 cP, with the lowest pH level of 5.01 and the highest pH of 6.55. From the results, it can be concluded that in this study there were differences in the quality of the peel off mask preparation from sweet corn milk based on the length of time boiled sweet corn and the composition of sweet corn porridge with water. However, the results obtained from each group still met the standard requirements for mask preparations. peel off.

Keywords: *peel off mask, milk, sweet corn.*