

PENGARUH PENAMBAHAN GULA STEVIA (*Stevia rebaudiana bertonii*) PASTA GIGI HERBAL GAMBIR (*Uncaria gambir roxb*) BERBASIS VCO (Virgin Coconut Oil)

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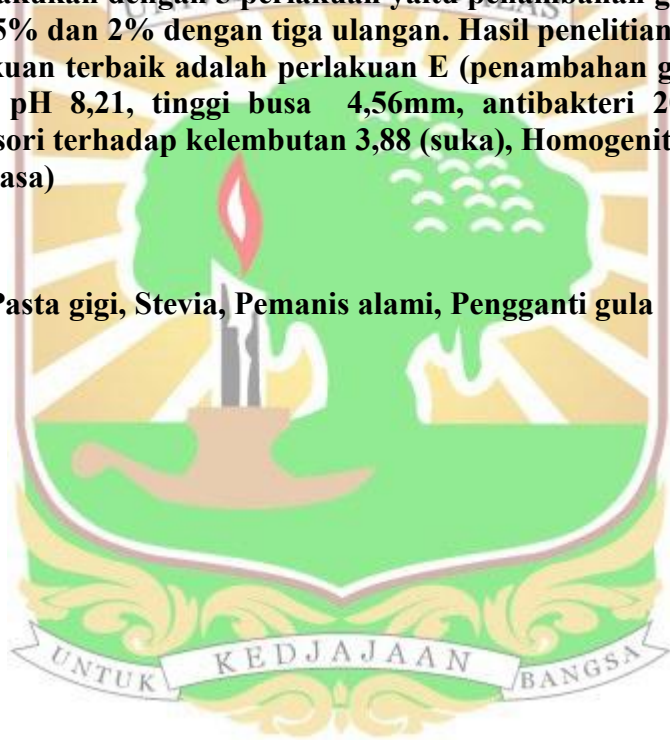
Pengaruh Penambahan Gula Stevia (*Stevia rebaudiana bertonii*) Terhadap Karakteristik Pasta Gigi Herbal Gambir (*Uncaria gambir roxb*) Berbasis Vco (Virgin Coconut Oil)

Adila Solana, Novizar, Diana silvy

ABSTRAK

Pasta gigi merupakan produk yang telah banyak digunakan untuk membersihkan gigi sejak zaman dahulu. Pasta gigi tidak hanya dapat mengurangi atau menghilangkan bau mulut, tetapi juga membersihkan permukaan gigi, menjaga kesehatan gigi dan memberikan sensasi segar. Penelitian ini bertujuan untuk mengetahui pengaruh penambahan gula stevia pada pasta gigi herbal gambir berbasis virgin coconut oil (VCO). Penelitian dilakukan dengan 5 perlakuan yaitu penambahan gula stevia 0%, 0,5%, 1%, 1,5% dan 2% dengan tiga ulangan. Hasil penelitian menunjukkan bahwa perlakuan terbaik adalah perlakuan E (penambahan gula stevia 2%) dengan nilai pH 8,21, tinggi busa 4,56mm, antibakteri 20,86 mm, dan penilaian sensori terhadap kelembutan 3,88 (suka), Homogenitas 3,63 (biasa), Rasa 3,31 (biasa)

Kata kunci – Pasta gigi, Stevia, Pemanis alami, Pengganti gula



Effect of Adding Stevia Sugar (*Stevia rebaudiana bertonii*) on the Characteristics of Gambir Herbal Toothpaste (*Uncaria gambir roxb*) Based on Vco (Virgin Coconut Oil)

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ABSTRACT

Toothpaste is a product that has been widely used to clean teeth since ancient times. Toothpaste can not only reduce or eliminate bad breath, but also clean the surface of the teeth, maintain healthy teeth and provide a fresh sensation. This study aims to determine the effect of adding stevia sugar on virgin coconut oil (VCO)-based gambier herbal toothpaste. The study was carried out with 5 treatments, namely the addition of 0%, 0.5%, 1%, 1.5% and 2% stevia sugar with three replicates. The results showed that the best treatment was E treatment (addition of 2% stevia sugar) with a pH value of 8.21, foam height of 4.56mm, antibacterial 20.86mm, and sensory assessment of softness 3.88 (like), homogeneity 3.63 (normal), taste 3.31 (normal).

Keywords – Toothpaste, Stevia, Natural sweeteners, Sugar substitutes

