ABSTRAK

Dalam upaya menanggulangi masalah kerontokan rambut, telah dilakukan penelitian tentang uji efektivitas pertumbuhan rambut dengan air bonggol pisang kepok (*Musa paradisiaca* L. *formatypica*) dalam bentuk sediaan larutan penyubur rambut pada konsentrasi 40% dan 50%. Sediaan diuji stabilitasnya terhadap organoleptis, pH, berat jenis, viskositas dan sifat alir kemudian diuji efektivitasnya terhadap pertumbuhan rambut dengan parameter bobot dan panjang rambut. Uji ini dilakukan selama 30 hari dengan menggunakan hewan coba kelinci. Setelah 30 hari, pada hasil uji stabilitas didapatkan perubahan warna dan pH mengalami penurunan tetapi masih memenuhi spesifikasi sediaan. Sedangkan berat jenis, viskositas dan sifat alir sediaan relatif stabil. Hasil uji efektivitas pertumbuhan rambut menunjukkan bahwa sediaan larutan air bonggol pisang kepok pada konsentrasi 40% berkhasiat sebagai penyubur rambut, sedangkan pada konsentrasi 50% untuk mempercepat pertumbuhan rambut.

ABSTRACT

In the effort to solve the problem of hair drop off, it has been done the experiment on the effectivity of hair growth with liquid of kepok banana's main trunk (*Musa paradisiaca* L. *formatypica)* which is formed in hair fertility solution on 40% and 50% concentration. It is in the shape of hair fertility solution that the concentration is 40% and 50%.Then, the stability of solution is tested on the organoleptic, pH, density, viscosity, and flow characteristics. Its effectivity is also tested to the hair growth by using the parameters of weight and length of the hair. The tests are done for 30 days by using the rabbit. After 30 days, the results of the stability tests show the changing of color and the decreasing of pH, but it still fulfills the specification of solution. Nevertheless, the density, viscosity, and flow characteristics are relatively stable. The test result of effectivity of hair growth shows that liquid of kepok banana's main trunk on 40% concentration is good for hair fertility and 50% concentration is good for the hair growth.