

ABSTRAK

Penggunaan sabun dengan penambahan bahan alam saat ini sedang banyak digunakan, Penambahan bahan alami yang aman bagi kesehatan dapat memberikan pengaruh positif atau fungsi tertentu terhadap sabun cair yang dihasilkan, diantaranya tidak terjadi iritasi atau dampak negatif yang lainnya untuk kulit sensitive. Salah satu parameter mutu produk sabun cair adalah sifat fisiknya, beberapa variabel pengujian pada sifat fisik sabun cair diantaranya warna, bau, homogenitas, viskositas, dan pH serta kestabilannya melalui uji stabilitas. Hasil pengujian sifat fisik produk tersebut dibandingkan dengan standar SNI atau acuannya. Penelitian ini dilakukan dengan menggunakan metode literature review melalui google scholar dan pubmed dari beberapa jurnal dan artikel. Hasil penelitian menunjukan bahwa formulasi sabun cair dengan penambahan ekstrak bahan alam yang sudah masuk kedalam acuan standar sabun cair sebanyak 6 formulasi (pada formulasi daun kumis kucing, daun katuk, daun alpukat, buah nangka, tembakau, dan daun jeruk purut) dan yang tidak termasuk kedalam acuan standar sabun cair sebanyak 14 formulasi. Sabun cair dengan bahan alam yang telah memenuhi standar acuan sifat fisik sabun cair tersebut memiliki potensi untuk dikembangkan lebih lanjut.

Kata Kunci: Sabun, bahan alami, uji sifat fisik

ABSTRACT

The use of soap with the addition of natural ingredients is currently being widely used. The addition of natural ingredients that are safe for health can have a positive effect or certain function on the liquid soap produced, including no irritation or other negative impacts for sensitive skin. One of the quality parameters of liquid soap products is its physical properties, several test variables on the physical properties of liquid soap include color, odor, homogeneity, viscosity, and pH as well as their stability through stability tests. The results of testing the physical properties of the product are compared with the SNI standard or its reference. This research was conducted using the literature review method through Google Scholar and Pubmed from several journals and articles. The results showed that the liquid soap formulation with the addition of extracts of natural ingredients that had entered the standard reference liquid soap were 6 formulations (in the formulation of cat whiskers leaves, katuk leaves, avocado leaves, jackfruit, tobacco, and lime leaves) and which were not included. into the standard reference liquid soap as many as 14 formulations. Liquid soap with natural ingredients that have met the reference standard for the physical properties of liquid soap has the potential to be further developed.

Keywords: Soap, natural ingredients, physical properties test