IDENTIFICATION OF STAHYLOCOCCUS AUREUS CONTAMINATION IN LIPTINT BASED ON THE EFFECT OF USAGE

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ABSTRACT

The use of liptint is considered lighter and easier to absorb because it has a fairly high water content compared to other forms of lipstick. The use of liptint that is not appropriate and repeatedly with a certain length of storage can be a source of microbial contamination. *Staphylococcus aureus* is a contaminant that is often found in cosmetic preparations, because these bacteria are normal flora whose habitat is on human skin. Considering that *Staphylococcus aureus* contamination has a negative impact on the stability and quality of liptint and harms consumer health, it is important to identify *Staphylococcus aureus* contamination. The purpose of this study was to identify liptint preparations based on the effect of usage methods, namely the treatment of use after bathing with after eating qualitatively using biochemical test methods and gram staining. The results showed that 5 out of 6 samples were contaminated with *Staphylococcus aureus*. Based on these results it can be concluded that the conditions of use can cause the appearance of *Staphylococcus aureus* contamination.

Keywords: Liptint, *Staphylococcus aureus*, Gram stain, Biochemistry