

**THE EFFECT OF GINGER JUICE (*Zingiber officinale*) ON MILKFISH
(*Chanos chanos*) TOTAL BAKTERIAL**

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ABSTRACT

The aim of this research was to know the antibacterial effect of ginger juice (*Zingiber officinale*) on the total of bacterial colonies in milkfish from fishpond Kalang Anyar, Sidoarjo as the parameter. The milkfish samples were divided into 100 pieces and each sample was 5 grams. The research method was completely randomized design by using four concentration of ginger juice 0%, 10%, 15%, and 20% and five storage time 0 hours, 6 hours, 12 hours, 18 hours, and 24 hours. The obtained data then were analyzed by ANOVA. The result of this research showed significantly different ($P < 0,05$) between the control and treatment the total of bacterial colonies. Based on those result, it could be concluded that ginger juice affecting in decreasing total of bacterial colonies.

Keywords : ginger juice, total bacterial, milkfish