BACTERIAL CONTAMINATION LEVEL ON MILKFISH IN PABEAN MARKET SURABAYA BASED ON TOTAL PLATE COUNT TEST

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ABSTRACT

The aims of the research was to know the level of bacterial contamination on milkfish sold in Pabean Market Surabaya, then compared it with Indonesian National Standard (SNI) No: 7388-2009 ie maximum contaminant bacteria in fresh fish is $5 \times 10^5$ CFU/gram. Forty milkfish samples were taken from ten fishmongers at Pabean Market Surabaya. This study was used pour plate method of Total Plate Count test. Total Plate Count was used to determine the level of bacterial contamination on milkfish. The result showed that all samples of milkfish did not exceed the limit of Indonesian National Standard (SNI) No: 7388-2009. The average number of bacterial contamination on milkfish sold in Pabean Market Surabaya was $1,1 \times 10^5$ CFU/gram.

Keywords: Milkfish, Total Plate Count, Traditional market