ANALYSIS OF THE TOTAL NUMBER OF BACTERIA IN ETAWA GOAT MILK IN KAMPUNG KOPI GOMBENGSAI, BANYUWANGI WITH TOTAL PLATE COUNT (TPC) METHOD

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ABSTRACT

The aim of this study was to find total number bacteria of etawa goat milk in farm as agro-tourism in Gombengsari, Banyuwangi. Eighteen samples taken from three farms in Gombengsari in three weeks and the result showed that 14 samples was exceeding the limit of level of TPC (64.28%) result, according to national standard of Indonesia (SNI) 7388-2009. The average total colony was $7.2 \times 10^7$ CFU/ml. The highest total colony value was $1.9 \times 10^8$ CFU/ml and the lowest contamination value was 0 CFU/ml.

Keywords: Etawa goat milk; microbiologic quality; total plate count