

**THE PREVALENCE OF BACTERIA *Escherichia coli*
ON MEAT OF HORSE SLAUGHTERED RESULT
AT TUMPANG ABATTOIR IN MALANG DISTRICT EAST JAVA**

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ABSTRACT

The purpose of this research was to know the prevalence of *Escherichia coli* isolated from meat of horse slaughtered at Tumpang abattoir in Malang district East Java. The samples used in this research were 12 horse meat from three part of muscle which were *longissimus dorsi medial* (tenderloin) *et lateral* (sirloin) and *abdomen*, The Most Probable Number (MPN) was used to calculate the number of *E. coli*. The results showed that 91,7% horse meat sample at Tumpang abattoir were contaminated with *E. coli* and tenderloin had the lowest contaminated *Escherichia coli* than other samples. The average of *E. coli* contamination on meat of horse slaughtered at Tumpang abattoir was 186 MPN/g.

Key words : *Escherichia coli*, *Most Probable Number*, Horse Meat.