

## INTISARI

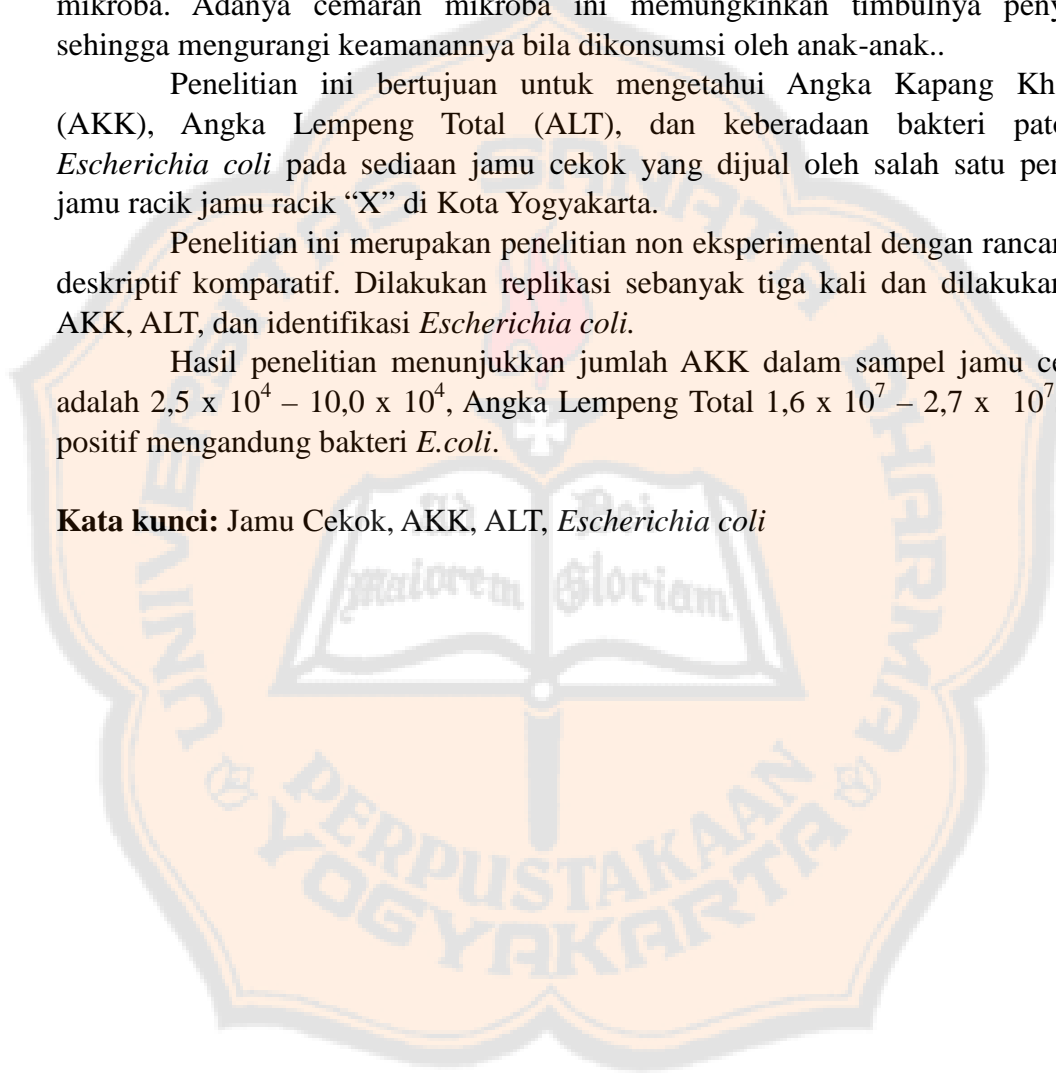
Jamu Cekok merupakan obat tradisional Indonesia yang banyak dikonsumsi oleh masyarakat. Jamu cekok memiliki khasiat menambah nafsu makan, dan kebanyakan dikonsumsi oleh anak-anak. Pembuatan jamu yang kurang memperhatikan sanitasi dan higienitas perlu diwaspadai adanya cemaran mikroba. Adanya cemaran mikroba ini memungkinkan timbulnya penyakit sehingga mengurangi keamanannya bila dikonsumsi oleh anak-anak..

Penelitian ini bertujuan untuk mengetahui Angka Kapang Khamir (AKK), Angka Lempeng Total (ALT), dan keberadaan bakteri patogen *Escherichia coli* pada sediaan jamu cekok yang dijual oleh salah satu penjual jamu racik jamu racik "X" di Kota Yogyakarta.

Penelitian ini merupakan penelitian non eksperimental dengan rancangan deskriptif komparatif. Dilakukan replikasi sebanyak tiga kali dan dilakukan uji AKK, ALT, dan identifikasi *Escherichia coli*.

Hasil penelitian menunjukkan jumlah AKK dalam sampel jamu cekok adalah  $2,5 \times 10^4 - 10,0 \times 10^4$ , Angka Lempeng Total  $1,6 \times 10^7 - 2,7 \times 10^7$  serta positif mengandung bakteri *E.coli*.

**Kata kunci:** Jamu Cekok, AKK, ALT, *Escherichia coli*



## ABSTRACT

*Jamu cekok* is an Indonesian traditional medicine and has been consumed by Indonesian public especially to increase appetite and it is mostly consumed by children. The manufacture processing that is less attention of hygiene and sanitation may increase possibility of microorganism contaminating. Microorganism contaminating may increase diseases and reduce the safety when it is consumed by children.

The research's purpose was to provide information about total plate count, the number of mold/yeast, and the presence of *Escherichia coli* in *jamu cekok* from "X" seller in Yogyakarta.

This research is non-experimental research with descriptive explorative design. Sample replication was counted three times and determination of total plate count, the number of mold/yeast, and identification of *E.coli* were done.

The research's result of *jamu cekok* were show that ranged of total plate count was between  $1,6 \times 10^7 - 2,7 \times 10^7$ , the number of mold/yeast was between  $2,5 \times 10^4 - 10,0 \times 10^4$  and *E.coli* contamination was positive.

**Keywords** : *Jamu cekok*, Number of Mold/Yeast, Total Plate Count, *Escherichia coli*