

ABSTRACT

Kiam Pratika Potutu. E. Coli Bacteria Test 2016. At Fruit Ice Yang Di jajakan In Jajan Markets End Gorontalo. Tugas City, Department of Pharmacy. Faculty olaraga And Health. State University of Gorontalo. Adam Mohamad Mustafa Supervisor I, S, Si, M.Sc and Advisor II Dr.Teti S Tuloli S.Farm., M.Si., Apt.

Iced fruit drinks is one type of beverage snacks that are currently consumed by many people, iced fruit drinks have to qualify the quality of drinking water that is not contained *Escherichia coli* in a drink to prevent disease caused by *Escherichia coli*.

The purpose of this study was to determine the description of *Escherichia coli* bacteria in the ice pieces are sold in the market for snack Gorontalo.

Total population and sample in this research is all iced fruit seller in the snack market Gorontalo or as many as three stalls and deksriftif methods to observe the fruit ice vendor that saw the analysis laboratory at the content of *Escherichia coli* in ice fruit.

Data analysis techniques in this study are presented in the ice pieces later than 0 in 100 ml sample.

The results showed that all sellers / manufacture or number three seller (100%) the ice pieces do not apply the principle, among others, food handlers, preparations for the processing of fruit ices, as well as equipment and materials iced fruit not meet health requirements so that based on the results of laboratory tests, proved to the whole fruit ice positive (+) contaminated with the bacteria *Escherichia coli*.

Accordingly, necessary holding of supervision and counseling by the relevant agencies or the Department of Health about the processing of fruit ice so the drinks are marketed meet the health requirements.

Keywords: *Escherichia coli*, Ice Fruit, Bacteria Test

LEMBAR PENGESAHAN

Karya Tulis Ilmiah yang Berjudul:

**UJI BAKTERI *E. COLI* PADA ES BUAH YANG DI PASAR JAJAN KOTA
GORONTALO**

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Waktu : 11.00

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