



## SURVEY THE NUMBER OF *Coliform* AND IDENTIFICATION OF *Escherichia coli* IN SIOMAY VENDORS' RINSE WATER IN SUB-DISTRICT TEMBALANG, SEMARANG

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**Background :** Water has potential for spreading disease through water washed disease. In water washed disease, infection can be caused person to other person through water supply. *Coliform* bacteria is a bacteria group that used as indicator of contamination on the water. *Coliform* that caused diarrhea is *Escherichia coli*

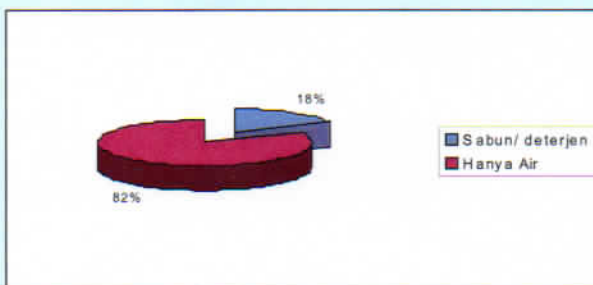
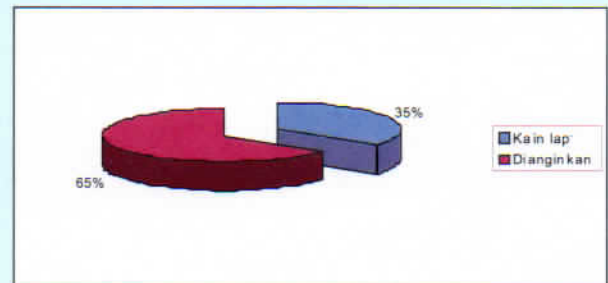
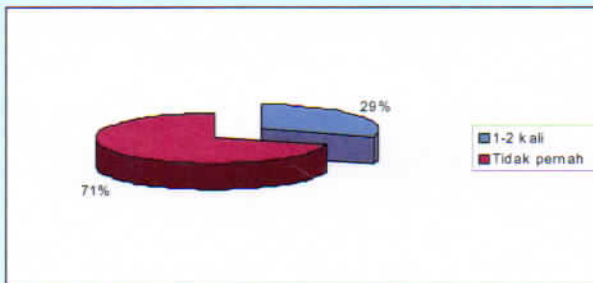


**Objective :** The aim of this research are to know the number of *Coliform* and identify the existence of *E. coli* in Siomay vendor's rinse water in Sub-district Tembalang, District Tembalang, Semarang



**Method :** This research is descriptive with cross sectional design. Population in this research are all Siomay vendor's rinse water in Sub-district Tembalang, District Tembalang, Semarang. The samples is rinse water from 17 Siomay vendor which taken by using purposive sampling technique. Data was analyzed by descriptive.

**Result :** The result of this research indicated that all rinse water contain the number of *Coliform* more than 2.400/ml. While from identification result of *E. coli* known that 11 samples shows positive result to the existence of *E. coli*.



**Conclusion :** A conclusion of this research are all siomay vendor's rinse waters aren't fulfill microbiologies quality standard so that improper to be used for washing eating utensils. Therefore, suggested to siomay vendor so that more pay attention to rinse water sanitation.



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Dear Dwi Sutningsih

On behalf of the Organizing Committee of the International Conference on Biosciences and Biotechnology, we are pleased to inform you that your paper under the title " SURVEY THE NUMBER OF Coliform AND IDENTIFICATION OF Escherichia coli IN SIOMAY VENDORS'S RINSE WATER IN SUB-DISTRICT TEMBALANG, SEMARANG" has been accepted for **Poster Presentation** during the Conference, which will be held on September 23<sup>rd</sup> – 24<sup>th</sup>, 2010, in Bali- Indonesia.

The details of the congress program will be communicated to you at the earliest.

We are looking forward to meeting you in Bali at the conference.

Best regards,

**Dr. Yan Ramona**

Chairman/Secretary of the Organizing Committee

International Conference on Biosciences and Biotechnology 2010  
Bali-Indonesia



# CERTIFICATE OF PARTICIPATION

This is to certify that

***Dwi Sutningsih***

has participated as

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