

ABSTRACT

Amelya Dewi Laskar Pratiwi

TOTAL PLATE COUNT (TPC) OF TABLEWARE IN LONTONG KUPANG VENDORS AT THP KENJERAN SURABAYA

(xiv+ 49 pages+ 12 tables)

Foodborne disease can occur due to several factors, one of which is caused by food contact with the surface of cutlery containing microorganisms. The cause of the total plate count on tableware at THP Kenjeran Surabaya is due to the number of tubs for the equipment washing process only available in one tub and the open storage process of the equipment. This studied aimed to determine the Total Plate Numbers of tableware of kupang lontong traders at THP Kenjeran Surabaya in 2024.

This typed of researched was descriptive. The objected of this researched was lontong kupang traders at THP Kenjeran Surabaya as many as 8 stand. The research samples were used in the form of cutlery consisting of plates and spoons, totaling 16 cutlery items. The Total Plate Count (TPC) test parameters and microbiological clean water samples were included in the study. Data analysis carried out by descriptive analysis based on laboratory tested results and observation sheets/checklists.

The results showed that the TPC of tableware at 8 kupang lontong traders' stands had obtained the qualified category, the quality of clean water physically met the requirements but microbiologically based on the parameters of total coliform bacteria and E.coli had not met the requirements, equipment washing facilities had obtained the sufficient category (60%). The cleanliness of tableware at 8 kupang lontong traders' stand obtained a good category (75%) and a sufficient category (25%).

Conclusion in this study, Plate Numbers Total of tableware in kupang lontong traders at THP Kenjeran Surabaya does not meet the requirements. It is recommended that kupang lontong vendors store their tableware in a closed container and for the THP Kenjeran Surabaya routinely drain water reservoirs and check water distribution channels.

Keywords: TPC, tableware, traders, lontong kupang.

Bibliography: 60 (13 books, 47 journals)

ABSTRAK

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ANGKA LEMPENG TOTAL (ALT) PERALATAN MAKAN PADA PEDAGANG LONTONG KUPANG DI TAMAN HIBURAN PANTAI KENJERAN SURABAYA

(xiv+ 49 Halaman+ 12 tabel)

Penyakit akibat pangan (*foodborne disease*) dapat terjadi akibat beberapa faktor, salah satunya disebabkan adanya kontak makanan dengan permukaan peralatan makan yang mengandung mikroorganisme. Penyebab adanya angka lempeng total pada peralatan makan di THP Kenjeran Surabaya dikarenakan jumlah bak untuk proses pencucian peralatan hanya tersedia satu bak dan proses penyimpanan peralatan secara terbuka. Penelitian ini dilakukan untuk mengidentifikasi Angka Lempeng Total alat makan pedagang lontong kupang di Taman Hiburan Pantai (THP) Kenjeran Surabaya Tahun 2024.

Jenis penelitian ini bersifat deskriptif dengan pendekatan *cross sectional*. Objek penelitian ini yaitu para pedagang lontong kupang di THP Kenjeran Surabaya sebanyak 8 stand. Sampel penelitian yang digunakan berupa alat makan yang terdiri dari piring dan sendok sebanyak 16 peralatan makan dengan parameter uji Angka Lempeng Total (ALT) serta sampel air bersih secara mikrobiologi. Analisis data dilakukan dengan analisa deskriptif berdasarkan hasil uji laboratorium dan lembar observasi/*checklist*.

Hasil penelitian menunjukkan bahwa ALT peralatan makan pada 8 stand pedagang lontong kupang 56% memperoleh kategori memenuhi syarat, kualitas air bersih secara fisik memenuhi syarat tetapi secara mikrobiologi berdasarkan parameter total bakteri *coliform* dan *E.coli* tidak memenuhi syarat, fasilitas pencucian peralatan memperoleh kategori cukup (60%). Kebersihan peralatan makan pada 8 stand pedagang lontong kupang memperoleh kategori baik (75%)

Kesimpulan dalam penelitian ini, Angka Lempeng Total peralatan makan pada pedagang lontong kupang di THP Kenjeran Surabaya tidak memenuhi syarat. Disarankan kepada pedagang lontong kupang menyimpan peralatan makan pada wadah yang tertutup dan bagi pihak THP Kenjeran Surabaya rutin melakukan pengurasan tandon air dan pengecekan saluran pendistribusian air.

Kata kunci : ALT, peralatan makan, pedagang, lontong kupang

Daftar Pustaka : 60 (13 Buku, 47 Jurnal)