

STUDY OF PHYSICAL, CHEMICAL, MICROBIOLOGICAL ASPECTS OF TRADITIONAL SNACK SOLD BY TRADERS IN PAGOTAN MARKET, GEGER DISTRICT, MADIUN REGENCY IN 2022

Faricha Khoirum Istiqomah¹, Djoko Windu P.Irawan², Sri Poerwati³

Indonesian Ministry of Health
Health Polytechnic of the Ministry of Health Surabaya
Sanitation Study Program, Diploma III Program, Magetan Campus
Department of Environmental Health
Email : farichakhoirum04@gmail.com

ABSTRACT

The number of visitors or buyers who come to buy merchandise that has been peddled, with so much air carried by visitors who pass through traditional hawker vendors who are not covered with food covers that can result in snacks being contaminated with microbes. The condition of the building is quite old, there are some cracked walls, faded paint, and a lot of dust from buying and selling activities and the condition of the place where selling is close to the highway.

This research is included in descriptive research, which describes the quality of traditional snacks sold by traders in the Pagotan market, Geger District, Madiun Regency in 2022 in terms of physical (organoleptic) aspects, namely appearance/color, smell, taste, and texture. Chemical aspects (Rhodamine B and Formalin) and microbiology (germ count). The population in this study were 5 traditional street food vendors at Pagotan Market, Geger District, Madiun Regency. The sample size used in this study were klepon cake, layer cake, green sticky rice diamond, marrow jenang and coconut sticky rice. The sampling technique is by random sampling. From the data obtained, it is included in the table and analyzed.

The results showed that the physical quality (organoleptic) was not good/not qualified. Chemical quality inspection of all samples were good/qualified because they were negative for Rhodamine B and Formalin. Meanwhile, the microbiological quality inspection (germ number) is not good/does not meet the requirements. From this research, the traditional snacks sold by traders at the Pagotan market, Geger District, Madiun Regency in 2022 are not suitable for consumption. For this reason, it is recommended that people be more careful and selective in giving food, especially traditional snacks.

Keywords: traditional snacks, Rhodamin B, Formalin, germ numbers