

POLITEKNIK KESEHATAN TANJUNG KARANG
JURUSAN KESEHATAN LINGKUNGAN

Laporan Tugas Akhir, Mei 2025

Rinaldi Kusuma Wijaya

Gambaran Sanitasi Pada Home Industri Tahu Tempe
Di Gunung Sulah Kota Bandar Lampung

Xii+64 Halaman + 4 tabel + 2 gambar + 7 lampiran

RINGKASAN

Sanitasi merupakan aspek penting dalam menjaga kualitas dan keamanan produk pada industri pengolahan pangan, termasuk home industri tahu tempe. Penelitian ini bertujuan untuk mengetahui gambaran sanitasi pada home industri tahu tempe di Gunung Sulah, Kota Bandar Lampung, tahun 2025.

Metode penelitian yang digunakan adalah deskriptif dengan pendekatan observasional. Data dikumpulkan melalui observasi langsung, wawancara, serta pengukuran parameter fisik dan mikrobiologi air, vektor, lingkungan fisik, dan higiene personal pekerja.

Hasil penelitian menunjukkan bahwa kualitas air bersih secara fisik memenuhi syarat, namun secara mikrobiologi masih ditemukan cemaran *Escherichia coli* dan coliform. Vektor seperti jentik nyamuk, kecoa, dan tikus ditemukan di seluruh lokasi home industri, menandakan sanitasi lingkungan masih kurang. Lingkungan fisik seperti suhu dan pencahayaan belum memenuhi standar ideal, dan laju ventilasi cenderung rendah. Selain itu, higiene personal pekerja masih rendah, ditandai dengan tidak digunakannya alat pelindung diri secara optimal.

Kesimpulan dari penelitian ini adalah aspek sanitasi pada home industri tahu tempe di Gunung Sulah belum sepenuhnya memenuhi standar kesehatan lingkungan terutama air bersih, sehingga diperlukan upaya perbaikan menyeluruh untuk meningkatkan mutu dan keamanan produk serta kesehatan pekerja. Maka disarankan agar pelaku home industri tahu tempe di Gunung Sulah lebih memperhatikan penerapan sanitasi yang baik dalam seluruh proses produksi. Kualitas air yang digunakan perlu dijaga, baik dengan melakukan penyaringan, desinfeksi, maupun pemeriksaan laboratorium secara berkala untuk memastikan tidak terdapat cemaran mikrobiologis seperti *Escherichia coli*, yang dapat membahayakan keamanan produk.

Kata kunci : Sanitasi, Home Industri, Air Bersih, lingkungan Fisik, Vektor
Daftar bacaan : 14 (2015 – 2023)

HEALTH POLYTECHNIC OF TANJUNGKARANG
DEPARTMENT OF ENVIRONMENTAL HEALTH

Final assignment report, May 2025

Rinaldi Kusuma Wijaya

**Overview of Sanitation in home – based tofu and tempeh industries
in Gunung Sulah, Bandar Lampung City**

Xii+64 Pages + 4 tables + 2 figures + 7 appendices

SUMMARY

Sanitation is an important aspect in maintaining product quality and safety in the food processing industry, including the tofu and tempeh home industry. This study aims to determine the description of sanitation in the tofu and tempeh home industry in Gunung Sulah, Bandar Lampung City, in 2025.

The research method used is descriptive with an observational approach. Data were collected through direct observation, interviews, and measurements of physical and microbiological parameters of water, vectors, physical environment, and personal hygiene of workers.

The results of the study showed that the quality of clean water physically meets the requirements, but microbiologically, *Escherichia coli* and coliform contamination was still found. Vectors such as mosquito larvae, cockroaches, and rats were found in all home industry locations, indicating that environmental sanitation is still lacking. The physical environment such as temperature and lighting have not met ideal standards, and the ventilation rate tends to be low. In addition, personal hygiene of workers is still low, indicated by the non-optimal use of personal protective equipment.

The conclusion of this study is that the sanitation aspect in the tofu and tempeh home industry in Gunung Sulah has not fully met environmental health standards, so comprehensive improvement efforts are needed to improve product quality and safety and worker health. It is therefore recommended that tofu and tempeh home industry operators in Gunung Sulah pay more attention to the proper implementation of good sanitation practices throughout the entire production process. The quality of the water used must be maintained, either by filtration, disinfection, or regular laboratory testing to ensure that there is no microbiological contamination, such as *Escherichia coli*, which can compromise the safety of the products.

Keyword : Sanitation , Home Industry, Clean Water, Physical Environment, Vectors.

References : 14 (2015 - 2023)