

ABSTRAK

IDENTIFIKASI RHODAMIN B PADA CABE MERAH GILING DI PASAR KOTA TERNATE

Rahmat Saputra Luawo, dibawah bimbingan
Nurjanna Albaar dan Misran Lawani
Program Studi Teknologi Hasil Pertanian
Fakultas Pertanian Universitas Khairun Ternate 2021

ABSTRAK

Kebutuhan akan cabe merah giling semakin meningkat sejalan dengan semakin beragamnya jenis dan menu masakan yang menggunakan cabe merah giling. Tujuan penelitian untuk mengetahui adanya Rhodamin B pada cabe merah giling yang dijual di pasar Kota Ternate dan untuk mengetahui kandungan Rhodamin B pada cabe merah giling yang dijual di pasar Kota Ternate. Penelitian ini menggunakan metode survei atau observasi dengan pendekatan deskriptif. Sampel yang digunakan adalah cabe merah giling yang diambil dari 3 pasar di Kota Ternate. Populasi dalam penelitian ini adalah pedagang penjual cabe merah giling yang berjualan di pasar Hingenis, pasar Kota Baru, dan pasar Bastiong di Kota Ternate. Pengambilan sampel dilakukan seminggu sekali, sebanyak tiga kali, pada setiap pedagang cabe merah giling yaitu, 14 pedagang di pasar Higenis, 3 pedagang di pasar Kota Baru, dan 4 pedagang di pasar Bastiong. Sampel diambil sebanyak 250 gr pada setiap pedagang cabe merah giling. Penentuan pedagang yang akan dijadikan sampel menggunakan metode *purposive sampling*. Penelitian ini terdiri dari tiga tahap, yaitu tahap pertama: survei pedagang cabe merah giling, tahap kedua: penyiapan sampel, dan tahap ketiga: pengujian Rhodamin B. Pengujian Rhodamin B dilakukan secara kualitatif dan kuantitatif. Data yang diperoleh dari hasil penelitian dianalisis dengan teknik analisis univariat. Dari hasil uji analisis Rhodamin B pada cabe merah giling di pasar bastiong, pasar kota baru, dan pasar higinies) di Kota Ternate tidak ditemukan cabe merah giling yang mengandung Rhodamin B (negatif).

Kata kunci : Cabe merah, Cabe merah giling, Rhodamin B

ABSTRACT

RHODAMIN B IDENTIFICATION ON GROUND RED CHILIES IN THE MARKET OF TERNATE CITY

Rahmat Saputra Luawo, *Supervised By*
Nurjanna Albaar and Misran Lawani
Program Study of Agricultural Product Technology
Faculty of Agriculture, Khairun University Ternate 2021

ABSTRACT

The need for ground red chilies is increasing in line with the increasing variety of types and menus that use ground red chilies. The research objective was to determine the presence of Rhodamine B in ground red chilies sold in the Ternate City market and to determine the Rhodamine B content in ground red chilies sold in the Ternate City market. This study used a survey or observation method with a descriptive approach. The sample used is ground red chilies taken from 3 markets in Ternate City. The population in this study were traders of milled red chilli selling in the Hingenis market, Kota Baru market, and Bastiong market in Ternate City. Sampling was carried out once a week, three times, for each trader of ground red chillies, namely, 14 traders in the Hygienic market, 3 traders at the Kota Baru market, and 4 traders at the Bastiong market. Samples were taken as much as 250 gr from each trader of ground red chilli. Determination of traders who will be sampled using purposive sampling method. This research consisted of three stages, namely the first stage: a survey of milled red chilli traders, the second stage: sample preparation, and the third stage: the Rhodamin B test. The Rhodamin B testing was carried out qualitatively and quantitatively. The data obtained from the research results were analyzed using univariate analysis techniques. From the results of the Rhodamin B analysis on ground red chilies in the bastiong market, the new city market, and the hygienic market) in Ternate City, no ground red chilies contained Rhodamine B (negative) was found.

Key words: *Red chilies, ground red chilies, Rhodamine B*