

## ABSTRAK

### ANALISIS KANDUNGAN FORMALIN PADA IKAN CAKALANG (*Katsuwonus Pelamis*) DI PASAR KOTA TERNATE

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Ikan cakalang merupakan hasil perikanan jenis pelagis yang sifatnya mudah rusak, sehingga menyebabkan nelayan dan penjual sering melakukan kecurangan dengan menggunakan bahan pengawet berbahaya seperti formalin. Penelitian ini bertujuan untuk mengidentifikasi kandungan formalin pada ikan cakalang (*katsuwonus pelamis*) yang dijual di Pasar Kota Ternate (Pasar Higienis, Pasar Dufa-dufa dan Pasar Bastiong). Metode pengambilan sampel menggunakan rumus slovin, dimana sampel ikan cakalang yang dianalisis berjumlah 41 sampel yang diambil dari 3 lokasi yaitu 12 sampel di Pasar Dufa-dufa, 19 sampel di Pasar Higienis dan 10 sampel di Pasar Bastiong. Sampel kemudian dianalisis secara kualitatif dengan tes kalium permanganat, data yang diperoleh dari penelitian ini dianalisis menggunakan teknik analisis univariat. Data yang dianalisis dapat disajikan dalam bentuk tabel kemudian dijelaskan dalam bentuk narasi. Ikan cakalang yang diperdagangkan di Pasar Kota Ternate (Pasar Dufa-dufa, Pasar Higienis, dan Pasar Bastiong) tidak mengandung formalin.

**Kata kunci :** Ikan Cakalang, Formalin,  $KMnO_4$ .

## ABSTRACT

### ***ANALYSIS OF FORMALDEHYDE CONTENT IN SKIPJACK TUNA (Katsuwonus pelamis) IN THE MARKET OF TERNATE CITY***

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Skipjack tuna is a pelagic fishery product, has a special characteristic, namely that its body has a shape resembling a torpedo (*fusiform*), is round, elongated has 6-4 black lines extending along the side of the body and is easily damaged, causing fishermen and sellers to cheat by using materials. Harmful preservatives such as formaldehyde. The aims of This study was to identify the formaldehyde content of skipjack tuna (*katsuwonus pelamis*) which is sold in the markets of Ternate City (Dufa-dufa market, Hygienic market and Bastiong market). The method of sampling used the slovin formula, where the skipjack tuna samples analyzed were 41 samples taken from 3 locations. namely 12 samples in the Dufa-dufa market, 19 samples from the Hygienic market and 10 in the Bastiong market. The sample was then analyzed qualitatively with a potassium permanganate test, the data obtained from this study were analyzed using univariate analysis techniques. The data analyzed can be presented in tabular form and then explained in narrative form. Skipjack tuna traded in the market of Ternate City (Dufa-dufa market, Hygienic market and Bastiong market) do not contain formaldehyde.

**Keyword :** Skipjack tuna, Formaldehyde,  $KMnO_4$ .