

## **ABSTRACT**

**(RESUME ARTIKEL)**

### **IDENTIFICATION OF RHODAMIN B IN CRACKERS WITH THIN LAYER CHROMATOGRAPHY**

**Nurlita Rizka Amelia**

Crackers a type of dried food made from a material containing starch. Crackers that circulate on the market have distinct characteristics as well as shape crackers. Coloring agents consist of natural and artificial dyes. According to the Decree of Director General of Food and Drugs Department of Health No. 00386/C/SK/II/90 on changes to the attachment of Regulation of the Minister of Health No. 239/Menkes/Per/V/85, there are 5 dyes that are prohibited from being added into food, medicine and cosmetics. One of which is a synthetic dye that is commonly known as Rhodamine B. The aim of this study is to determine whether there is Rhodamine B in a red *kerupuk* circulating in North Jakarta markets, Manado City, Banjarmasin City, Payakumbuh City and Pangkalan Bun City, followed by identification using thin layer chromatography (TLC). The Result showed that some samples from North Jakarta City, Manado City, Banjarmasin City contained the substance Rhodamin B in *kerupuk*, while the samples in the City of Pangkalan Bun and Payakumbuh were safe for consumption.

**Keywords :** *Rhodamine B, wet crackers, Thin Layer Chromatography*