

ABSTRACT

IDENTIFICATION OF RHODAMINE B ON SEASONING POWDER AT PASAR LARANGAN SIDOARJO WITH THIN LAYER CHROMATOGRAPHY METHOD

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Seasoning powder is a spice whose function is to give a delicious taste to food or snacks. It has various colors ranging from pale orange to red, which are suspected of containing Rhodamine B. Rhodamine B is a synthetic dye that is used as a textile dye and its use has been banned based on Regulation of the Minister of Health of the Republic of Indonesia Number 239 /MenKes/Per/V/85.

This study aims to determine the presence or absence of Rhodamine B in seasoning powder circulating at Pasar Larangan Sidoarjo using the Thin Layer Chromatography (TLC) method, especially for the balado seasoning powder which has a more striking color and is a variant of the seasoning powder that is in great demand.

The results showed that of the 4 samples studied, 1 sample contained Rhodamine B. The Rf value between the Rhodamine B standard and the sample had a difference of ≤ 0.05 , fluoresced yellow under 254 nm UV light and was pink in the color reagent test.

Keywords: *Rhodamine B, Seasoning Powder, Thin Layer Chromatography (TLC)*