

ABSTRACT

ANALYSIS OF COLIFORM BACTERIA CONTAMINATION IN HOME INDUSTRY BABY PUDDING UTILIZING THE MPN METHOD

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Pudding is a dessert generally made from boiled, steamed, or baked ingredients. The term can also be used for various pastels, which contain a mixture of animal fat, meat, or fruit baked, boiled, or steamed. This research aims to determine the value of MPN in baby puddings originating from areas in Wage District. This experimental research employed the 3-tube series APM method through three methods: the presumption method on LB, the affirmation method on BGLB, and the reinforcement method on EMBA media. The results of the bacteriological tests showed the growth of coliform bacteria in all samples. All three samples were positively contaminated with coliform bacteria. The results concluded that home-industry baby pudding is unsuitable for consumption because it does not fulfil the bacteriological quality requirements set by the Indonesian National Standard (SNI) 7388:2009 in the National Standardization Agency, 20/g.

Keywords : *most probable number*, Home-made baby pudding.