

ABSTRACT
pH STABILITY EVALUATION HEDONIC,
AND ORGANOLEPTIC TEST JAMU SAMILAKOR
(Spice Drink Juice Against Corona)

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Samilakor is an herbal drink that functions to increase immunity. The main raw material for Samilakor is ginger. The absence of preservatives used in the Samilakor herbal medicine makes this drink have a limited shelf life. Thus, this study aims to determine the pH stability of the Samilakor drink formulas A and B at storage temperatures of 2-8°C for 1 month, pH testing was carried out on days 1, 7, 14, 21 and 28 and to determine the results of the hedonation test on the Samilakor drink made in 2 formulas. The design of this study was carried out by determining the hedonic test of the respondents and the pH of the Samilakor drink where the samples of formula A and B drinks were stored for 1 month in a refrigerator at 2-8°C. The sample used was 80 respondents and the results of the pH test carried out on the two formulas were tested with storage time, namely days 1,7,14,21 and day 28. The hedonic test results in this study concluded that the majority of the panelists liked the aroma of the Samilakor drink. Formula B. Meanwhile, the results of the organoleptic test showed that the taste was sweet, sour, spicy, and bitter, with the average for both formulas was between 3.41-4.20. The average is in the high rating category. But in general Samilakor B is preferred by the panelists. The results of the pH test on the two formulas with 3 replications and the range from the first to the 28th day did not experience much difference, meaning that the samilakor drink can still be consumed until the 28th day at a temperature of 2-8°C. The pH value of Formulation A is lower (3.59 to 3.68) than that of Formulation B (4.07 to 4.15). This is because the use of lemon and 2 kinds of ginger in Formula B while Formula A uses lime and one type of ginger.

Keywords: Samilakor, pH, hedonic, organoleptic