

## ABSTRAK

### HEDONIC TEST OF LIP BALM PREPARATION OF SECANG WOOD EXTRACT (*Caesalpinia sappan* L.) (study on employees of RS Intan Medika Lamongan)

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Secang is widely used as a source of natural pigments for the combination of making lip balm cosmetics. The innovation of *lip balm* coloring with natural coloring agent preparations so that its existence is considered safer to reduce the risk of allergies compared to synthetic dyes. This research is a statistical descriptive research. The study was conducted using the *hedonic* test, which is an *organoleptic* sensory analysis to determine the *acceptability* characteristics of 2 *lip balm* preparations of 1% and 5% sappan wood extract (*Caesalpinia sappan* L.). Data processing was carried out using SPSS 25. *Shapiro-Wilk* normality test data obtained parameters Aroma (F1: 0.152 > 0.05 and F2: 0.000 < 0.05), Color (F1: 0.19 > 0.05 and F2: 0.000 < 0.05), Texture (F1: 0.152 > 0.05 and F2: 0.000 < 0.05) which means the data is not normally distributed, then in the *Wilcoxon test* the results obtained Aroma (0.017 < 0.05), Color (0.017 < 0.05), Texture (0.016 < 0.05) which means there is an influence. A real influence when viewed based on the average in terms of aroma there are values (F1: 2.9 and F2: 4.5), color (F1: 3.1 and F2: 4.5), texture (F1: 3.1 and F2: 4.4). this study concludes that the difference in concentration of secang wood extract (*Caesalpinia sappan* L.) greatly affects the respondents' liking test. greatly affects the respondents' liking test. Suggestions for developing *hedonic* tests with more parameters such as moisture tests using a *skin analyzer*.

**Keywords:** *Hedonic Test, lip balm, secang (Caesalpinia sappan L.)*