PENURUNAN BILANGAN PEROKSIDA PADA MINYAK JELANTAH MENGGUNAKAN BIJI KURMA AJWA
(Phoenix dactylifera L.)

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ABSTRACT

Jelantah oil is an oil that is used repeatedly causing Rancidity (rancid) and the increase in the number of peroxide. Number of peroxides can be lowered by adding a natural antioxidant substances like seeds ajwa dates. The purpose of the research is to study the decline in the number of peroxide on jelantah oil using ajwa palm seeds with variation concentration and long soaking. The method determination number of peroxide is iodometri method. The sample used is jelantah oil by adding ajwa palm seeds with variation concentration of 2, 4, 6, 8, and 10% b/v with the time of soaking for 12 and 24 hours. The result of research is determination of initial peroxide number is 16.68 ± 0.02 mg O₂/100 g. The highest percentage decrease of peroxide number is 17.32 ± 0.0% by adding 10% b/v ajwa palm seeds with soaking for 24 hours.

Key word: Jelantah Oil, The Number of Peroxide, Ajwa Palm Seeds.