Pengembangan Formulasi Minyak Cengkeh (Oleum Cariophylli) Sebagai Counter Irritant Dalam Beberapa Basis Sediaan Topikal.

Abstrak :

Physical stability test and effectiveness of clove oil in absorption base, o/w and w/o creams had been studied. Physical stability test was conducted at the 2nd; 8th; 14th; 30th; and 58th days after the preparation, including organoleptic observation, pH, emulsion type, viscosity, and spreadability. The effectiveness test was done at the 2nd; 16th; 29th, and 44th day on 12 healthy subjects, 19-23 years old, who were chosen randomly. The tests included the intensity of action, onset of action, and duration of action.

By one way Anava analysis (p = 0.05), it could be concluded that the most physically stable preparation was the formula in o/w cream base, while the most effective preparation was the formula in w/o cream base.

Keyword :

Clove oil, counter irritant, physical stability, topical bases