

**Penetapan Kadar Fenol Total Ekstrak Etanol Daun Salam yang Diberi  
Perlakuan *Détente Instantanée C ntrol e* (DIC) (Tekanan 1,9 bar dan Waktu  
10,86 detik) pada Berbagai Waktu Ekstraksi**

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**ABSTRAK**

Untuk mengetahui waktu ekstraksi optimal daun salam yang diberi perlakuan *D tente Instantan e C ntrol e* (DIC) (tekanan 1,9 bar dan waktu 10,86 detik) pada berbagai waktu ekstraksi. Sebelum diukur absorbansinya secara spektrofotometri Vis, total fenol direaksikan dengan pereaksi *Folin Ciocalteu*. Absorbansi tersebut diukur pada panjang gelombang 757,5 nm dan digunakan asam galat sebagai pembanding. Persentase hasil dari beberapa waktu ekstraksi 5 menit, 15 menit, 30 menit, 1 jam, 1,5 jam, 3 jam, 4 jam, 5 jam, 6 jam, 7 jam, 8 jam, dan 9 jam masing-masing adalah 10.79%, 10.54%, 11.13%, 13.53%, 13.95%, 14.34%, 13.99%, 15.33%, 14.77%, 15.91%, 17.17%, dan 14.52% maka dengan uji statistik ANAVA dan dilanjutkan uji BNT, dapat diketahui bahwa waktu ekstraksi optimal daun salam adalah 8 jam.

Kata Kunci: Daun Salam, *D tente Instantan e C ntrol e* (DIC), Pereaksi *Folin Ciocalteu*

**Determination of Total Phenol on Extract Etanol of Polyanthi Folium by Pretreated *Détente Instantanée Côtrolée* (DIC) (1,9 bar and 10,86 seconds) at Various Extraction Time**

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**ABSTRACT**

To determine the optimum extraction time of Polyanthi Folium extract by pretreated *Détente Instantanée Côtrolée* (DIC) (1,9 bar and 10,86 seconds) at various extraction time has been done. Before the absorbance measured by visible spectrophotometry, phenol total was reacted with *Folin Ciocalteu* reagent. The absorbance was measured at 757,5 nm and gallic acid solution is used as a standart. The percentages of each extraction time 5 minutes, 15 minutes, 30 minutes, 1 hour, 1,5 hours, 3 hours, 4 hours, 5 hours, 6 hours, 7 hours, 8 hours, 9 hours are 10.79%, 10.54%, 11.13%, 13.53%, 13.95%, 14.34%, 13.99%, 15.33%, 14.77%, 15.91%, 17.17%, dan 14.52% respectively. It was concluded that the optimum extraction time of Polyanthi Folium was 8 hours, using ANOVA and LSD for statistic al test.

Keywords: Polyanthi Folium, *Détente Instantanée Côtrolée* (DIC), *Folin Ciocalteu* reagent