

Chemical Composition of Volatile Oil from *Cinnamomum zeylanicum* Buds

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Cinnamomum zeylanicum, Volatile Oil, GC-MS Analysis

The hydro-distilled volatile oil of the *Cinnamomum zeylanicum* (*C. zeylanicum*) buds was analyzed using GC and GC-MS for the first time. Thirty-four compounds representing $\approx 98\%$ of the oil was characterized. It consists of terpene hydrocarbons (78%) and oxygenated terpenoids (9%). α -Bergamotene (27.38%) and α -copaene (23.05%) are found to be the major compounds. A comparison of the chemical composition of the oil was made with that of flowers and fruits.