

Essential oil of three air-dried parts of *Etingera brevilabrum*

Abstract

Essential oil from the air-dried rhizomes, stems and leaves of *Etingera brevilabrum* were hydrodistilled using a Clevenger-type apparatus and identified by GC and GC-MS. Monoterpene hydrocarbons dominated the oils from the stems and leaves (66.8 and 89.8 % respectively) whereas oxygenated monoterpenes were dominant in the rhizomes (40.2 %). Eucalyptol (27.6 %), β -pinene (13.4 %), caryophyllene oxide (10.5 %) and α -thujene (10.1 %) were the major compounds in the rhizomes oil; limonene (28.6 %), β -pinene (21.6 %), α -thujene (13.9 %) and caryophyllene oxide (4.6 %) in the stems; and β -pinene (52.6 %), α -thujene (28.6 %) and σ -cymene (7.8 %) in the leaves.