32 Syzygium aromaticum (Linn.) Merrill & Perry (Lavanga)

Drug consists of dried flower bud of Syzygium aromaticum (Linn.) Merrill & Perry (syn. Eugenia caryophyllata Thunb.; Caryophyllus aromaticus Linn.) (A, B & C); Fam. Myrtaceae. A medium sized conical evergreen tree up to 12 m high with obliquely oriented branches and simple lanceolate, gland dotted aromatic leaves cultivated in warmer regions mainly Southern states.

A. Twig  
B. Flowering twig  
C. Dried flower buds

Chemical Constituents

Major

Eugenol\textsuperscript{10-12}.

TLC/GLC Details

\textit{β}-Caryophyllene  
Oleomeric acid
TLC profile of test solution of *Syzygium aromaticum* flower buds after derivatization.

1-3: Test solution; 4: Eugenol standard.

**Figure 32.4** GLC fingerprint profile of the essential oil of *Syzygium aromaticum* flower buds.