VOLATILE AROMA COMPONENTS OF BELI FLOWERS *(AEGLE MARMELOS)*

B. Champa Edirisinghe, Gamini S Jayatilake
Ceylon Institute of Scientific & Industrial Research, Colombo 7.

In connection with the development of herbal teas utilizing Sri Lankan herbs for export market, aroma volatiles of flowers of *Aegle marmelos* were studied. An essence of dried flowers of beli was obtained by well established procedures and it possessed the characteristic aroma of the flowers. The components of the essence were identified as far as possible by capillary gas chromatography-mass spectroscopy. The mass spectra of the identified sample components agreed well with those in the literature,[1,2] within instrumental variability. Literature Kovats retention indices of these components also served as supportive evidence of identity.[2]

Terpene hydrocarbons comprised ca 56% of the sample, seven monoterpenes contributing ca 51.5% and four sesquiterpenes contributing ca 4.5% Limonene (18%) and β-phellandrene (15%) were the major constituents.

The GC-MS analysis provided by Kings College, University of London is acknowledged.

References

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