

Essential Oil Composition of the *Dracocephalum moldavica* L from Xinjiang in China

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ABSTRACT

The essential oil of *Dracocephalum moldavica* L from Xinjiang in China was isolated by hydrodistillation in yield of 0.15 % (w/w). The chemical composition of the essential oil was analyzed by GC and GCMS. Fifty-one compounds accounting for 99.45% of the total oil were identified. The major components were α -Citral (32.55%), β -Citral (23.53%), Acetic acid, geranial ester (21.32%), Trans-Geraniol (3.38%), Nerolacetate (3.38%), Octane (2.14%), and 2,4,6-Trimethyl -3-cyclohexene-1-carboxaldehyde (1.3%). Monoteneperes were the main group of compounds.

KEYWORDS

Dracocephalum moldavica L . essential oil composition . GC-MS

REFERENCES

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