

Essential Oil Composition of *Laurus nobilis* L. of Different Growth Stages Growing in Iran

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The chemical variations of the essential oil from the aerial parts of *Laurus nobilis* L. (Lauraceae) have been studied. Plant material has been harvested at each phenological status (vegetative, before anthesis, full flowering and seed-bearing). The oils were obtained by hydrodistillation of the air-dried samples. Analysis by GC and GC-MS of the essential oils has allowed to identify 39 compounds. The main compounds were 1,8-cineole, *trans*-sabinene hydrate, α -terpinyl acetate, methyl eugenol, sabinene, eugenol and α -pinene.

Key words: *Laurus nobilis* L., Lauraceae, 1,8-Cineole