

**EUCALYPTUS OIL (Mediterranean)**

BOTANICAL CLASSIFICATION: *Eucalyptus Globulus* tree belongs to *Myrtaceae* family

DESCRIPTION OF BERGAMOT TREE: A tall evergreen tree, with narrow long leaves. Eucalyptus Essential Oil is a pharmaceutical, colourless essential oil, with a sharp camporaceous and woody-sweet smell.

ORIGIN: The trees grow in Spain. The essential oil is steam distilled from leaves and twigs. 85% Spanish Eucalyptus Essential Oil is regarded, as being of highest quality. It contains >85% of 1,8-cineol (also known as eucalyptol).

GAS LIQUID CHROMATOGRAM: Eucalyptus is made up, of mainly 1,8-cineol, with α -pinene being the next major component. Other minor constituents include alcohols and p-cymene. Adulterated Eucalyptus Oil has much lower 1,8-cineol level than 80%.

GLC ANALYSIS COMPONENT	Mediterranean Bergamot (%)	Classic Bergamot (Ivory Coast) (%)
α -pinene	3.5	3-8
1,8-cineol	87.5	>80
p-cymene	2	1-3

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