

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE

### EUCALYPTUS (SPANISH)

BOTANICAL CLASSIFICATION *Eucalyptus globulus* is a species of the Myrtaceae family. There are over 700 known species of eucalyptus and the essential oils obtained from the various species differ significantly. This essential oil comes from the popular polybractea strain of eucalyptus which is cultivated in Spain and semi-tropical regions.

GENERAL DESCRIPTION A tall, evergreen tree with long, narrow leaves and creamy-white flowers. The essential oil is a colourless liquid with a sharp, camphoraceous, woody-sweet scent.

ORIGIN The trees are cultivated in Spain and the essential oil is steam distilled from the leaves and twigs. The quality of Spanish eucalyptus is generally determined by the eucalyptol (1,8-cineol) content. Eucalyptus 80/85 (i.e. over 80%) eucalyptol is the highest quality.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Eucalyptus is made up of mainly 1,8-cineol with smaller amounts of alpha pinene and numerous other terpenes and minor constituents. The percentage of cineol in this batch is typical of a high quality eucalyptus essential oil and is representative of its sub-species and location.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
1,8-cineol	87.9	> 80
Alpha pinene	3.6	3 – 8
p-cymene	1.9	1 – 3

- GLC analysis carried out at the Scottish Agricultural College, Auchincruive.
- Official stamp: