

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE

JASMINE (EGYPTIAN, ABSOLUTE)

BOTANICAL CLASSIFICATION *Jasminum officinale* var. *grandiflorum* is a species of the Oleaceae family.

GENERAL DESCRIPTION A perennial tropical/subtropical shrub which grows up to 10m high and has fragrant white flowers. The absolute is a dark orange-brown, viscous liquid with an enticing, deep, sweet, floral aroma.

ORIGIN The shrubs grow in the Nile Delta region of Gharbiya in Egypt and the oil is prepared from jasmine flowers picked at dawn (jasmine flowers yield better quality oil, and more oil, when picked just before sunrise than at any other time of the day).

GAS LIQUID CHROMATOGRAM Key components in Natural Touch's oil type, as indicated by GLC, are compared to classic profiles below. The GLC trace for our Egyptian jasmine closely matches traces from a variety of pure jasmine samples from the same region analysed by independent scientists (published *Perfumer & Flavorist*, 1992). Pure jasmine is made up of mainly benzyl acetate, linalool and phytol with small amounts of numerous other components present in small percentages.

The GLC profiles of jasmine oils extracted during daylight hours show different levels of indole and other components present. It is not known exactly how, but these changes in constituent percentages have a detrimental effect on the richness of the oil and its aroma.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Linalool	11.6	4.7 - 6.8
Benzyl acetate	33.9	22.7 - 26.6
cis-Jasmone	2.3	2.4 - 3.6
Eugenol	3.0	2.68 - 3.4
iso-Phytol	2.0	2.2 - 9.1
Phytol	29.6	11.3 - 14.8

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