

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE LAVENDER (FRENCH)

BOTANICAL CLASSIFICATION *Lavandula angustifolia* is a species of the Lamiaceae family. The same species as the Provence alpine lavender but grown at lower altitude. *Lavandula angustifolia* species produce superior oil to spike lavender and lavandin species.

GENERAL DESCRIPTION An evergreen shrub with pale green leaves and violet-blue flowers. The essential oil is a pale yellow liquid with a sweet, floral herb like scent. True lavender species such as this one generally have lower camphor and higher ester contents than cheaper hybrids.

ORIGIN The lavender is grown in the foothills of the French alps and in surrounding areas. The flowering tops were harvested and steam distilled whilst fresh.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. A linalyl acetate percentage of over 30% and a low camphor content (under 6%) typifies a quality lavender and differentiates it from spike lavenders and lavandins. Spike lavenders and lavandins contain between 8% and 18% camphor. (Spike lavender, it should be noted, is significantly different to true lavender, being made up of mainly linalool, 1,8-cineol and camphor with little linalyl acetate.)

COMPONENT	NATURAL TOUCH(%)	CLASSIC(%)
Linalyl acetate	34.4	> 30
Alpha terpineol	1.3	1 - 5.5
Terpinene - 4 -ol	10.8	2 - 13
Linalool	34.4	34 - 45
Camphor	< 1	1 - 6

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