

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE

### LAVENDER (PROVENCE, ALPINE)

BOTANICAL CLASSIFICATION *Lavandula angustifolia* is a species of the Lamiaceae family. Also known as true lavender. This Provence alpine species yields an oil far superior in quality to spike lavender (*Lavandula latifolia*) and lavandin (*Lavandula intermedia*).

GENERAL DESCRIPTION An evergreen shrub with pale green leaves and violet-blue flowers. The essential oil is a pale yellow liquid with a deep, sweet, floral-herb like scent. This batch of true Provence lavender was grown at higher levels than less expensive lavenders and lavandin, and has a deep, unrivalled quality to its aroma.

ORIGIN The lavender is grown in the French Provence Alps. The flowering tops were harvested in the early morning 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. True Provence alpine lavender has a high linalyl acetate content (more linalyl acetate than linalool). A high ester content (in the form of linalyl acetate) is indicative of high altitude growing and helps differentiate true alpine lavender from lower altitude, low ester lavenders and related hybrids. Another key indicator of a high quality lavender is a low camphor content, typically below 1%.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Linalyl acetate	44.6	36 - 43
Camphor	<1	< 1
Terpinene - 4 - ol	2.2	1 - 7
Linalool	31.7	30 - 43
$\alpha$ -terpineol	<1	1 - 2

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