

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE

### GRAPEFRUIT (BRAZILIAN)

BOTANICAL CLASSIFICATION *Citrus paradisi* is a species of the Rutaceae family. Also known as shaddock oil.

GENERAL DESCRIPTION A cultivated tree with glossy leaves and large fruits (grapefruits). The essential oil is a pale green-yellow liquid with a fresh, slightly sharp citrus scent. Care must be taken to keep the oil sealed in opaque or dark glass containers as it oxidises quickly.

ORIGIN The essential oil is cold-pressed from the outer part of the fresh peel of Brazilian grapefruits.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Grapefruit essential oil comprises mainly limonene. Grapefruit also contains small amounts of gamma terpinenes which, along with different percentages of other minor ingredients, distinguishes it from other citrus essential oils such as sweet orange. Grapefruit also contains numerous traces of aliphatic aldehydes, terpene alcohols and terpene aldehydes. Nootkatone and 1-p-menthane-thiol (trace amounts) give the unique grapefruit odour to the oil.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Limonene	90.9	90 - 95
Myrcene	1.9	2
$\beta$ -caryophyllene		0.3
Linalol		<1
Nootkatone		0.3

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