

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE FRANKINCENSE (OLIBANUM)

BOTANICAL CLASSIFICATION *Boswellia carterii* is a species of the Burseraceae family. Also known as olibanum.

GENERAL DESCRIPTION A small tree with pinnate leaves and white flowers. The essential oil is a pale yellow liquid with a warm, rich, sweet-balsamic scent and is obtained from the bark. Natural Touch's frankincense oil is of a high quality and carries a beautiful, rich, long lasting aroma.

ORIGIN The oil is steam distilled from the highest grade amber-brown oleo gum resin from trees in Madi Karin, Somalia. Steam distillation of the raw oleo gum resin takes place locally in England.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Pure frankincense is dominated by alpha pinene, p-cymene and other terpene hydrocarbons. Somalian frankincense is an excellent quality frankincense, widely used in aromatherapy. Many lower grades and different origins of frankincense are sold and as the oil is expensive, adulteration is common. Natural Touch frankincense is pure and unadulterated and compares well to other GLC analyses of pure Somalian frankincense essential oil.

COMPONENT	NATURAL TOUCH(%)	CLASSIC(%)
$\alpha$ - pinene	53.8	34 - 50
$\beta$ - pinene	4.3	5 - 10
p-cymene	2.6	3 - 20
Myrcene	2.8	1 - 6
Limonene	8.6	11 - 15
Sabinene	5.6	1 - 8

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