

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE

PATCHOULI (INDONESIAN)

BOTANICAL CLASSIFICATION *Pogostemon cablin* is a species of the Lamiaceae family.

GENERAL DESCRIPTION A tropical rainforest shrub with furry leaves and white flowers. The essential oil is a dark orange-brown coloured liquid with a rich, herby, earthy scent. Unlike most other essential oils patchouli improves with age.

ORIGIN The essential oil is steam distilled from the leaves of Indonesian grown herbs. Indonesian patchouli is generally regarded as the best quality oil compared to other producing countries such as China. The oil is fairly viscous and has a deep orange-red colour.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Pure patchouli contains around 30% patchouli alcohol and up to 60% of patchouli sesquiterpenes (beta patchoulene, alpha patchoulene, alpha bulsenene etc). Adulteration with non-patchouli extenders is relatively easy to spot with GLC analysis and the key check is the patchouli alcohol content which should be at least 30% in a good quality pure oil. Natural Touch's patchouli type is a good match to various other pure patchouli specimens analysed by independent third parties.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Alpha guaiene		16
Seychellene		7
Alpha patchoulene		6.4
Delta guaiene		16.4
β -elemene		1-6
β -caryophyllene		5-20
Patchouliol	30.5	27-40

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