

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE CAMPHOR (CHINESE)

BOTANICAL CLASSIFICATION *Cinnamomum camphora* is a species of the Lauraceae family. This oil has many synonyms including laurel camphor, true camphor and gum camphor.

GENERAL DESCRIPTION A very hardy evergreen tree which can reach 30 metres in height. It produces clusters of white flowers and red berries, however the oil is distilled from its wood. The tree can live for up to 1000 years and is not considered mature till it is 50 years old.

ORIGIN Grown mainly in the East, principally in Borneo, Sri Lanka, China and Madagascar. It is from China that our clear white camphor originates.

GAS LIQUID CHROMATOGRAM There is a huge variation in the chemical constituents from each sub species of the camphor tree. White, brown, yellow or blue fractions are produced using steam distillation and rectification. All fractions apart from white should be avoided in aromatherapy as they are toxic and carcinogenic. Care should be taken even with the white camphor as in high concentrations it can be a convulsant and neurotoxin. Apart from 1,8-cineol and camphor, terpenes make up most of the white camphor fraction. The higher the camphor component the more careful you need to be with the oil.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Limonene	15.7	15 - 30
1,8-cineole	31.9	30 - 50
Alpha pinene	10.	8 8
Camphene	3.1	< 5
Sabinene	5.9	5 - 10

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