

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE EUCALYPTUS (CITRIODORA)

**BOTANICAL CLASSIFICATION** *Eucalyptus citriodora* is a species of the Myrtaceae family. There are over 700 known species of eucalyptus and the essential oils obtained from the various types differ significantly. This essential oil is often called lemon-scented eucalyptus.

**GENERAL DESCRIPTION** A tall evergreen tree that is fast growing and often used for ornamental purposes. The wood may also be used for timber. The essential oil is produced by steam distillation of the twigs and narrow, tapering leaves. The colourless to pale yellow oil is akin to citronella but with sweeter undertones.

**ORIGIN** As with many of the Eucalyptus family this variety was originally native to Australia. It is now commercially cultivated mainly in Brazil or China.

**GAS LIQUID CHROMATOGRAM** Key components of Natural Touch's essential oil type as indicated by GLC are compared to classic profiles below. This type of eucalyptus has a high percentage of citronellal, usually over 70%. A low percentage of citronellal could indicate that part of this component has been isolated and removed, or that the oil has been mixed with other Eucalyptus species.

| COMPONENT    | NATURAL TOUCH (%) | CLASSIC(%) |
|--------------|-------------------|------------|
| Citronellal  | 76.61             | 68 - 82    |
| Citronellol  | 5.01              | 2 - 8      |
| Isopulegol   | 4.36              | 1 - 8      |
| Alpha pinene | 3.14              | 1 - 7      |

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