

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE

YLANG YLANG (EXTRA)

BOTANICAL CLASSIFICATION *Cananga odorata* forma *genuina* is a cultivated species of the Annonaceae family. Ylang ylang extra is the highest quality distillate yielded by the ylang ylang flowers. *C. odorata* forma *macrophylla* (wild species) produces cananga oil.

GENERAL DESCRIPTION A tall tropical tree with large, fragrant flowers. The essential oil is a pale yellow liquid with an extremely sweet, floral scent. Distilleries produce 5 grades of Ylang Ylang oil; Premier, Extra, 1st, 2nd and 3rd grade. 400 – 700kg of flowers produce 1kg of oil.

ORIGIN The trees are grown on the Comoro Islands and the mature yellow flowers are picked and distilled locally whilst fresh.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Ylang ylang extra has a considerably lower percentage of sesquiterpenes and a higher percentage of esters than ylang ylang III. This is believed to give the oil a deeper, higher quality aroma. Variability in distillation and the common practice of mixing different grades of ylang oils makes the precise identification of individual types difficult. Cananga oil, for example, has a high caryophyllene content (40-50%) as well as low linalol (2%).

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Beta-caryophyllene	9.8	6 - 10
Linalool	9.6	10 - 15
Benzyl benzoate	5.8	4 - 8
Geranyl acetate	12.8	4 - 15
Benzyl acetate	19.8	20 - 25
Methyl benzoate		4 - 6
Farnesene		10 - 18
Cadinene		2 - 10
p-cresyl methyl ether		15 - 20

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