

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE

MELISSA (IRISH, TRUE)

BOTANICAL CLASSIFICATION *Melissa officinalis* is a species of the Lamiaceae family.

GENERAL DESCRIPTION A small perennial bushy herb which grows to about 60 cms in height. It has bright green leaves and tiny white or pink flowers.

ORIGIN Native originally to the Mediterranean it is now common throughout Europe and North America. Natural Touch's melissa is grown in Southern Ireland where it thrives in the warm, damp conditions.

GAS LIQUID CHROMATOGRAM With good quality true melissa being in short supply because of the low oil yield from the plant, testing is very important to avoid adulterated oils. A high quality oil should have high levels of citral, up to 60% with the caryophyllene content under 10%. The main components of Natural Touch's oil compared to the classic requirements show the oil to be of top quality and a true melissa.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Citral	55.5	50-60
Citronellal	8.2	10
Caryophyllene	5.3	< 10
Geraniol	4.5	< 5
Geranyl acetate	4.9	< 5

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