



SWEET ORANGE OIL (Mediterranean)

BOTANICAL CLASSIFICATION: *Citrus Sinensis* tree belongs to *Rutaceae* family

DESCRIPTION OF ORANGE TREE: A medium sized, evergreen tree, with fragrant flowers, and round fruits, which ripen from green to orange. Orange Essential Oil is yellow-orange, with a sweet, subtle, fruity aroma.

ORIGIN: The trees grow in Greece, Italy and Spain. The oil is produced from distillation of ripe orange fruits outer peel. Mediterranean Orange Essential Oil is regarded as being of highest quality.

GAS LIQUID CHROMATOGRAM: Mediterranean Orange essential oil is made up of mainly limonene, with myrcene being the next major component. Another minor constituent is Linalol. Adulterated Tangerine essential Oil has much lower than 93% limonene levels and other irrelevant components show up during GLC analysis.

GLC ANALYSIS COMPONENT	Mediterranean Sweet Orange (%)	Classic Mandarin (Indo-China) (%)
Limonene	95	85-96
Myrcene	1.9	1.5-2
Linalol	<1	<1