

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE PETITGRAIN (PARAGUAYAN)

BOTANICAL CLASSIFICATION *Citrus aurantium* subsp. *amara* is a species of the Rutaceae family. The same species of tree (but different country) that produces our neroli essential oil. (Neroli oil comes from the flower blossoms - petitgrain comes from the leaves and twigs).

GENERAL DESCRIPTION An evergreen tree with dark green leaves and fragrant flowers. Petitgrain essential oil is an amber liquid with a strong, sweet, woody-floral scent and fewer high notes than its richer relative, neroli. Neroli is often adulterated with petitgrain so knowing the finer aromatic differences between neroli and petitgrain is a useful way of testing for purity.

ORIGIN The essential oil is steam distilled from the leaves, twigs and spent blossoms of Paraguayan bitter orange blossom trees.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Deterpened Paraguayan oils are sometimes sold on the market and therefore it is important to check the quality standards.

COMPONENT	NATURAL TOUCH(%)	CLASSIC(%)
Linalool	24.7	25
Linalyl acetate	44.1	50
Alpha terpineol	5.7	5
Geranyl acetate	3.7	4
Geraniol	2.4	2 - 4

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