

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE MARJORAM (FRENCH, SWEET)

**BOTANICAL CLASSIFICATION** *Origanum marjorana* is a species of the Lamiaceae family. French marjoram has a sweeter, more rounded aroma than Spanish marjoram (*Thymus mastichima*, with linalol or borneol chemotype)

**GENERAL DESCRIPTION** A bushy perennial plant with dark green leaves and small grey-white flowers. The essential oil is a pale yellow liquid with a sweet, spicy-herbaceous aroma.

**ORIGIN** The herb is grown and harvested in southern France. Distillation takes place locally.

**GAS LIQUID CHROMATOGRAM** Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. The composition of French marjoram is more varied than that of Spanish marjoram. Terpinene-4-ol is the largest single component in sweet French marjoram followed by  $\gamma$ -terpinene and sabinene. Natural Touch's GLC traces conform to classic norms.

COMPONENT	NATURAL TOUCH(%)	CLASSIC(%)
Terpinene - 4 - ol	19.7	20 - 30
$\gamma$ - terpinene	3.0	5 - 15
Sabinene	9.4	2 - 9
$\alpha$ - terpineol	<1	2 - 6
Para cymene	2.3	5 - 10
Linalool	1.4	5 - 20
$\alpha$ - terpinene	8.6	8 - 15

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