

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE

THYME (FRENCH, RED)

BOTANICAL CLASSIFICATION. *Thymus serpyllum* species of the Lamiaceae family. Also known as the mother of thyme this type is related to *Thymus vulgaris* which is usually produced in Spain.

GENERAL DESCRIPTION A perennial evergreen shrub with grey-green leaves and purple and white flowers. The essential oil has a powerful, penetrating, warm, spicy odour.

ORIGIN The shrubs in this batch were grown in France using traditional cultivation methods.

GAS LIQUID CHROMATOGRAM Key components in Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. The percentages of the major ingredients of Natural Touch's red thyme (mainly the phenols thymol and carvacrol) match those of other pure samples. The phenols thymol and carvacrol dominate the oil and give it its warming and active properties (see safety data below). Other minor component percentages are also in line with classic pure samples.

NOTE Red thyme is a powerful, highly penetrating oil, frequently used as antimicrobial, for cellulitis and sports injuries. However, thymol and carvacrol can cause skin irritation and the essential oil should always be used with care and only by professional therapists.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Alpha pinene	1.7	1 - 5
Gamma terpinene	10.2	5 - 17
Linalool	4.5	1 - 5
Thymol	8.8	4 - 15
Carvacrol	13.8	8 - 29
Geraniol	9.8	5 - 15

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