

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE ROSEMARY (WILD SPANISH)

BOTANICAL CLASSIFICATION *Rosmarinus officinalis* is a species of the Lamiaceae family. The species used is top quality Spanish rosemary.

GENERAL DESCRIPTION A shrubby evergreen bush with silvery-green, needle shaped leaves and pale blue flowers. The essential oil is distilled from the fresh flowering tops and is a colourless liquid with a piercing, fresh, minty-herb type scent with a slightly woody undertone. The quality of this oil is reflected in its relatively low camphor content (cheaper rosemary made from the whole plant has a much higher camphor content). This wild rosemary crop has been produced to have a low camphor and higher 1,8-cineol content.

ORIGIN The bushes are cultivated in Spain. Distillation takes place when the flowering tops are fresh. This distillation comes from a smaller still than those used in large scale commercial production.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Pure, top quality wild Spanish rosemary, as above, has a relatively low camphor content (circa 13% as opposed to up to 25% plus in poorer types made from the whole plant) and some 40% 1,8-cineole (eucalyptol). Other major ingredients include alpha and beta pinene, terpineols and esters. Rosemary is frequently adulterated with less expensive eucalyptus and camphor oils and it is therefore important to check that the percentages of these match pure profiles.

COMPONENT	NATURAL TOUCH(%)	CLASSIC(%)
Alpha pinene	11.4	10 - 15
1,8-cineol	40.5	30 - 40
Beta pinene	8.7	4 - 8
Camphor	12.6	10 - 18
Camphene	4.6	4 - 10
Bornyl acetate	4.9	1 - 4

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