

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE

ROSE (TURKISH, ABSOLUTE)

BOTANICAL CLASSIFICATION *Rosa damascena* is a species of the Rosaceae family. Also known as Bulgarian rose or summer damask rose. The same species as our rose otto.

GENERAL DESCRIPTION A prickly perennial shrub between 1 and 2 metres high with pink, fragrant rose blooms. The absolute is a rich, red-orange liquid with a deep, sweet, honey-rose aroma. It is prepared from the concrete extracted from *R. damascena* (Turkey and Bulgaria) or *R. centifolia* (Morocco and South of France).

ORIGIN The roses were grown in south central Turkey. As with rose otto the absolute is made solely from freshly picked rose petals.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's rose absolute (compared to historical analyses of authentic samples) are below. Turkish rose absolute is essentially made up of the same components as Turkish rose otto but, as a result of the different preparation methods, percentages differ significantly. Rose absolute contains a much higher percentage of phenylethyl alcohol (circa 70% as compared to 1% in rose otto) and smaller percentages of geraniol and citronellol. Rose absolute tends to have a more rounded, honey-rose, less spicy aroma than its sister otto.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Geraniol	10.9	< 4
Eugenol	1.5	2
Phenylethyl alcohol	51.4	60 – 75
Nerol	2.7	2
Citronellol	23.4	5 - 12

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