



CHAMOMILE OIL (Mediterranean)

BOTANICAL CLASSIFICATION: *Chamaemelum nobile* belongs to *Asteraceae* family. It is also known as Roman Chamomile (*Anthemis nobilis*).

DESCRIPTION OF ROMAN CHAMOMILE: A small herb, with feathery leaves and white flowers, with a yellow center. Chamomile Essential Oil has a yellow-blueish color, due to the presence of chamazulene. It has a smooth but strong and sweet aroma.

ORIGIN: The herbs grow from Spring to Summer on Mediterranean countries. The essential oil is steam distilled, from fresh chamomile flowers. Mediterranean chamomile oil is considered as being of highest quality.

GAS LIQUID CHROMATOGRAM: Chamomile essential Oil is made up of mainly Butylates and Angelates, with α -pinene, being the next major component. Other minor constituents include p-Cymene, Limonene and Myrcene. Adulterated Chamomile Oil usually has a total Butylates and Angelates content, less than 60%.

GLC ANALYSIS COMPONENT	Greek Chamomile Oil (%)	Classic Chamomile Oil (England) (%)
α -pinene	17.2	<8
Myrcene	<1	<5
β -pinene	13.2	<5
Limonene	<1	<5
p-Cymene	<1	<5
Angelates and Butylates	60.2	>60