



Chamomile CO2 Select Extract

INCI: Chamomilla Recutita Flower Extract
CAS-No. 84082-60-0, EINECS-No. 282-006-5

Technical Data Sheet

Description: Chamomile CO2 Select Extract is extracted from chamomile flowers using natural carbon dioxide as the solvent and contains mainly the volatile components. The resulting extract is greenish brown in color with a chamomile-like aroma.

D/E Ratio: 50 - 66 kg raw material yield 1 kg product.

Ingredients: 20 - 30% essential oil with 30 - 40% bisabolol and 5 - 20% bisabolol oxides, 1.0 – 3.0 % matricine (analysed as chamazulene), further cis- and trans-en-in-dicycloether, spathulenol, herniarine and non-volatile components. The sensitive matricine is not decomposed at the CO2-extraction to blue coloured chamazulene which has inferior anti-inflammatory effect

Applications: Cosmetic and skin care products and in natural remedies. Dosage: 0.1 – 0.2%.

Naturalness: The product is 100 % natural and contains no additives. It is not blended, diluted or formulated, it is conform to the Codex Alimentarius definition of natural flavor extracts.

Stability: Closed pack under cool storage and exclusion of light at least 5 years.

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