Chamomile CO2 Total Extract
INCI: Chamomilla Recutita Flower Extract
CAS-No. 84082-60-0, EINECS-No. 282-006-5

Technical Data Sheet

Description: Chamomile CO2 Total Extract is extracted from chamomile flowers using natural carbon dioxide as the solvent and contains all CO2-soluble lipophilic components. The resulting extract is greenish brown in color with a chamomile-like aroma. It is liquid at 40°C.

D/E Ratio: 19 - 26 kg raw material yield 1 kg product.

Ingredients: 7 - 17% essential oil with 20 - 45% bisabolol and 5 - 20% bisabolol oxides. In addition, 1.0 – 3.0% matricine (analysed as chamazulene), cis - and trans-en-in-dicycloether, spartulenol, herniarine, waxes and non-volatile components. The labile 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 – 0.3 %.

Naturalness: The product is 100% natural. It is not blended, diluted or formulated. It contains no additives, no carriers and no other technical adjuncts.

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

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