



NATURAL SOURCING™
Specialists in Cosmeceutical Ingredients

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.

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

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