



**NATURAL SOURCING™**  
Specialists in Cosmeceutical Ingredients

## Calendula CO2 Total Extract

INCI: Calendula Officinalis Flower Extract  
CAS-No. 84776-23-8, EINECS-No. 283-949-5

### Technical Data Sheet

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

**D/E Ratio:** 17 - 20 kg raw material yield 1 kg product.

**Ingredients:** Pentacyclic triterpene alcohols and triterpentiol monoesters including 17 - 25% faradiol esters esterified with mainly myristic- and palmitic acids. Faradiol esters have a significant anti-inflammatory effect. Other ingredients are sterols, carotenes and cuticular waxes.

**Applications:** Cosmetics and pharmaceuticals, for treatment of wounds, bruises and inflammations, for wound healing and increasing skin granulation, for dry sensitive skin, in face creams, sun lotions, lipsticks, hair shampoos and bath additives. Usage: 0.1 – 0.3 %.

**Naturalness:** The product is 100% natural. It is not blended, diluted or formulated. It contains no additives, no carriers, no antioxidants and no other technical adjuncts. It corresponds to the EC-regulation 88/388 for natural flavors.

**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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