



NATURAL SOURCING

Specialists in Cosmeceutical Ingredients



ROSEMARY ANTIOXIDANT EXTRACT

14 % Diterpene Phenols, (organic acc. to USDA NOP)

Contains mainly antioxidative components [2][3]

Raw material:

Rosmarinus officinalis – Leaves (organic acc. To USDA NOP)

Production:

By supercritical fluid extraction with natural carbon dioxide and a small amount of ethanol as entrainer. No inorganic salts, no heavy metals, no reproducible microorganisms [1]. The CO₂-extract is standardised with sunflower oil (organic acc. To USDA NOP).

Extract:

Dark brown. At room temperature, it is a viscous liquid product with characteristic smell and taste. The product can solidify under cool storage or after standing at room temperature. By warming it up to a temperature of 105 degrees F, it returns to its viscous, oily consistency.

D/E-Ratio:

5,0 – 7,1 kg raw material. Yield 1 kg product.

Declaration:

INCI-Name: Rosmarinus Officinalis 1.caf Extract [CO₂], CAS-No. 84604-14-8, EINECS-No. 283-291-9 and Helianthus Annuus Seed Oil, , CAS-No. 8001-21-6. EINECS-No. 232-273-9

Ingredients:

13 - 15 % antioxidative phenolic diterpenes with > 9 % of carnosolic acid; essential oil < 2 %, water < 5 %, alcohol < 4 %, vegetable oil, cuticular waxes, GMO-free tocopherols.

Application:

Stabilization of fatty oils, carotenoids, essential oils for retarding oxidation; in the food industry (dressings, sausages, snacks, etc.). Clean label declaration as spice extract without registration number, in cosmetic ointments.

Dosage: 0,02 - 0,1 % in case of saturated fats, 0,2 - 0,4 % in case of polyunsaturated oils.

Naturalness:

This product is 100 % natural and contains no other additives other than vegetable oil. It conforms to the Codex Alimentarius definition for natural extracts.

Stability:

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

[1] Manninen P., Häivälä E., Sarimo S., Kallio H. : Z. Lebens Unters Forsch A (1997) 204: 202-205

[2] Quirin K. W., Gerard D.: Cosm. Toil. Mauf. Worldw.: 1998, S. 31

[3] Gerard D., Quirin K. W., and Schwarz E.: Food Marketing and Technology October 1995, S. 46-55

These data are given for customer's information only to the best of our knowledge but under exemption of liability especially regarding infringement of or prejudice to third party rights through the use of this product. This information is not a substitute for prior tests demonstrating the suitability of the product for the intended use. Users are responsible for ensuring the compliance with the applicable legislation. The concentrated extracts are raw materials for product formulation. Hence they are not intended for direct consumption in food and for undiluted topical application in cosmetics, perfumery and aromatherapy. Keep away from children.