

ORGANIC ROSEMARY ANTIOXIDANT CO2 EXTRACTS

Available With 14% or 25% Diterpene Phenols

Suitable for beauty and personal care applications.

INCI: Helianthus Annuus (Sunflower) Seed Oil and Rosmarinus Officinalis (Rosemary) Leaf Extract

Extraction: CO2 Supercritical Fluid Extraction

Shelf Life: > 5 Years With Proper Storage

Origin: Germany

Background:

Rosemary is a fragrant herb native to the Mediterranean. Its leaves resemble needles. Organic Rosemary Antioxidant CO2 Extract acts as a natural antioxidant suitable for use in beauty, cosmetic and personal care applications.

Our certified Organic Rosemary Antioxidant CO2 Extracts are carefully produced from organic rosemary leaves that possess a high concentration of diterpene phenols. The leaves are then extracted using CO2 supercritical fluid extraction and a trace amount of ethanol. This extraction method results in a superior quality, certified organic natural oil that maintains the most beneficial properties of rosemary including a high concentration of carnosic acid/diterpene phenols. This method is also ideal for maintaining the natural integrity of our oil because other extraction methods commonly use synthetic chemicals that can remain within the final product. Certified Organic Sunflower Oil is added to standardize the extract. After production, our Organic Rosemary Antioxidant CO2 Extracts are carefully packaged and stored to maintain their purity and ensure optimal shelf life.

Praan Naturals offers Organic Rosemary Antioxidant CO2 Extracts with either 14% or 25% Diterpene Phenols (DTP). The higher the DTP content contained within the extract, the more potent the antioxidant properties that the oil possesses.

Uses:

Praan Naturals Organic Rosemary Antioxidant CO2 Extracts are well suited for incorporation into formulations that contain lipids such as vegetable oils, butters and other fats such as creams, lotions, moisturizers and body oils.



Applications:

- Skin Care
- Hair Care
- Nail Care
- Lip Care
- Cosmetics
- Aromatherapy

Properties:

- Oil Soluble
- Dark Brown Hue
- Viscous Liquid
- Mild/Weak Odor
- Carnosic Acid Equivalent:
 - 14% DTP Organic Rosemary Antioxidant CO2 Extract: >6% Carnosic Acid
 - 25% DTP Organic Rosemary Antioxidant CO2 Extract: >10% Carnosic Acid
- Refer to Spec Sheets for Sum of Phenolic Diterpenes and Reference AO Compounds Calculated as Carnosic Acid

Usage Rates:

14% DTP: 0.05-0.1% for Saturated Fats/0.2-0.4% for Polyunsaturated Fats

25% DTP: 0.02-0.05% for Saturated Fats/0.1-0.2% for Polyunsaturated Fats

For more information on Praan Naturals Organic Rosemary Antioxidant CO2 Extracts and other natural organic and conventional ingredients, visit PRAANnaturals.com or call our Customer Care department at (800) 340-0080 or (203) 702-2500.