



PRAAN naturals®

Ethically Sourced Ingredients

ORGANIC CHIA SEED CO2 TOTAL EXTRACT

Suitable for beauty and personal care applications.

INCI: Salvia Hispanica (Chia) Seed Extract and Rosmarinus Officinalis (Rosemary) Leaf Extract

Extraction Method: CO2 Supercritical Extraction

Processing Method: Filtered

Shelf Life: 2 Years

Raw Material Origin: Peru. Processed in Germany.

Background:

Most famously known as the Chia plant and originating in central Mexico, the species *Salvia hispanica* is a member of the *Lamiaceae* plant family. Throughout the ages, chia seeds have been harvested for their extraordinary nutritive and therapeutic properties. The Aztecs, for example, ate chia seeds during times of war to help sustain them both physically and mentally.

Our premium quality Organic Chia Seed CO2 Total Extract is obtained by pressurized supercritical fluid extraction using carbon dioxide as the solvent. This method effectively extracts all the beneficial lipophilic constituents present in the seeds. Once the extraction process is complete, the CO2 dissipates back into a gaseous state. Unlike hexane and other solvent extraction processes, no trace of solvent remains in extracts produced by CO2 supercritical extraction methods. A maximum 0.1% Organic Rosmarinus Officinalis (Rosemary) Extract has been added to ensure stable shelf life.

Organic Chia Seed CO2 Total Extract possesses an impressive nutrient profile that includes over 60% alpha-linolenic acid (an omega-3 essential fatty acid) and 15-21% linoleic acid (an omega-6 fatty acid). It also contains tocopherols and sterols.

Praan Naturals Organic Chia Seed CO2 Total Extract is 100% natural. As with all our organic ingredients, it is certified organic by CCOF.

Recommended Usage: 1-100%

Standard Packaging: Available in aluminum canisters.



Properties:

- Remarkable Source of alpha-Linolenic Acid (Omega-3 EFA)
- Excellent Source of Linoleic Acid (Omega-6 EFA), Tocopherols and Sterols
- Stable Shelf Life
- Medium Viscosity
- Rapid Absorption
- Fluid Consistency at Room Temperature
- Smooth, Desirable Texture
- Mild, Sweet, Pleasant Aroma
- Clear, Golden Hue
- See Spec Sheet for Composition Data

Uses:

With its extraordinary composition of essential fatty acids and tocopherols, Organic Chia Seed CO2 Total Extract is a remarkable ingredient for helping to address the concerns associated with the appearance of maturing skin and the challenges associated with a wide array of problematic skin and hair care concerns. It is well suited for applications intended to support delicate facial skin. It helps to soothe skin irritation, minimizes the appearance of wrinkles, does not clog the pores and is an excellent choice for oily skin.

Organic Chia Seed CO2 Total Extract is Well Suited for the Following Personal Care Applications:

Applications:

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

For more information on Praan Naturals premium quality Organic Chia Seed CO2 Total Extract and other certified organic and conventional CO2 Supercritical Extracts, visit PRAANnaturals.com or call our Customer Care department at (800) 340-0080 or (203) 702-2500.

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