



Organic Chia Seed CO2 Total Extract  
 INCI: Salvia Hispanica (Chia) Seed Extract and  
 Rosmarinus Officinalis (Rosemary) Leaf Extract  
 Product ID: ORGCO2CHIASDTODE52

### Specifications

<b>Analytical Details</b>	<b>Methods</b>	<b>Specifications</b>
<b>Appearance:</b>	Visual	Clear, Golden, Yellow-Orange Oil
<b>Acid Value:</b>	21.016.03, DGF	< 8 mg KOH/g
<b>Peroxide Value:</b>	21.015.03, DGF, Wheeler	< 15 meq O <sub>2</sub> /kg
<b>Moisture:</b>	21.220.01, Karl Fischer Method	Not Specified
<b>aw-Value:</b>	LabSwift aw-Value Measurement	< 0.70
<b>Refractive Index (20 °C):</b>	21.080.03, Abbe Refractometer	1.480 - 1.486
<b>Relative Density (20 °C):</b>	21.024.03, Pycnometer	0.920 - 0.935 g/cm <sup>3</sup>
<b>Saponification Value:</b>	21.017.02, DGF	Not Specified
<b>Unsaponifiable Matter:</b>	21.020.03, DGF	Not Specified
<b>Ester Value:</b>	Equals SV - AV	Not Specified
<b>Sum of Sterols (as Sitosterol):</b>	21.132.03, GCFID	Not Specified
<b>Sum of Tocopherols (as α-Tocopherol):</b>	21.113.03, HPLC	Not Specified
<b>Fatty Acid Profile</b>		
<b>C16:0 Palmitic:</b>	21.156.03 GCFID	Not Specified
<b>C16:1 w7 Palmitoleic:</b>	21.156.03 GCFID	Not Specified
<b>C18:0 Stearic:</b>	21.156.03 GCFID	Not Specified
<b>C18:1 w9 Oleic:</b>	21.156.03 GCFID	Not Specified
<b>C18:1 w7 Vaccenic:</b>	21.156.03 GCFID	Not Specified
<b>C18:2 w6 Linoleic:</b>	21.156.03 GCFID	15 - 21%
<b>C18:3 w3 α-Linolenic:</b>	21.156.03 GCFID	> 60%
<b>C20:0 Arachidic:</b>	21.156.03 GCFID	Not Specified
<b>Persistent Organic Pollutants</b>		
<b>Benzo(a)Pyrene:</b>	21.177.02, GCMS	< 0.002 ppm
<b>Sum of B(a)P, B(a)A, B(b)F, Chrysene:</b>	21.177.02, GCMS	< 0.010 ppm
<b>Toxins</b>		
<b>Aflatoxin B1:</b>	21.193.02, HPLC	EC No. 1881/2006
<b>Total Aflatoxins (B1+B2+G1+G2):</b>	21.193.02, HPLC	EC No. 1881/2006

## NATURAL SOURCING®

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**Fat Content Profile**

<b>Total Fat:</b>	DGF Method, C-VI 10b	Not Specified
<b>Saturated Fatty Acids:</b>	DGF Method, C-VI 10b	Not Specified
<b>Monounsaturated Fatty Acids:</b>	DGF Method, C-VI 10b	Not Specified
<b>Polyunsaturated Fatty Acids:</b>	DGF Method, C-VI 10b	Not Specified

**Shelf Life:** 2 Years

**Storage:** Store in a cool, dry place away from light and heat. Once opened, nitrogen blanketing is recommended.

**Date:** 06/28/2021

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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