



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

**Specifications**

**Analytical Details**

**Appearance:**

**Acid Value:**

**Peroxide Value:**

**Moisture:**

**aw-Value:**

**Refractive Index (20 °C):**

**Relative Density (20 °C):**

**Saponification Value:**

**Unsaponifiable Matter:**

**Ester Value:**

**Sum of Sterols (as Sitosterol):**

**Sum of Tocopherols (as α-Tocopherol):**

**Fatty Acid Profile**

**C16:0 Palmitic:**

**C16:1 w7 Palmitoleic:**

**C18:0 Stearic:**

**C18:1 w9 Oleic:**

**C18:1 w7 Vaccenic:**

**C18:2 w6 Linoleic:**

**C18:3 w3 α-Linolenic:**

**C20:0 Arachidic:**

**Persistent Organic Pollutants**

**Benzo(a)Pyrene:**

**Sum of B(a)P, B(a)A, B(b)F,  
Chrysene:**

**Toxins**

**Aflatoxin B1:**

**Total Aflatoxins (B1+B2+G1+G2):**

**Methods**

Visual

21.016.03, DGF

21.015.03, DGF, Wheeler

21.220.01, Karl Fischer Method

LabSwift aw-Value Measurement

21.080.03, Abbe Refractometer

21.024.03, Pycnometer

21.017.02, DGF

21.020.03, DGF

Equals SV - AV

21.132.03, GCFID

21.113.03, HPLC

21.156.03 GCFID

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21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

21.177.02, GCMS

21.177.02, GCMS

21.193.02, HPLC

21.193.02, HPLC

**Specifications**

Clear, Golden, Yellow-Orange Oil

< 5 mg KOH/g

< 15 meq O<sub>2</sub>/kg

Not Specified

< 0.70

1.480 - 1.486

0.920 - 0.935 g/cm<sup>3</sup>

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

15 - 21%

> 60%

Not Specified

< 0.002 ppm

< 0.010 ppm

EC No. 1881/2006

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**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.

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**Date:** 06/26/2020

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