



Seabuckthorn Seed Total CO2 Extract

INCI: Hippophae Rhamnoides (Seabuckthorn) Kernel Extract (and)
Rosmarinus Officinalis (Rosemary) Leaf Extract
Product ID: CO2SBKSEEDTODE52

Specifications

Analytical Details

Appearance:

Acid Value:

Peroxide Value:

Moisture:

aw-Value:

Refractive Index (20 °C):

Specific Gravity (20 °C):

Saponification Value:

Unsaponifiable Matter:

Ester Value:

Sum of Carotenoids

(as β -Carotene):

Sum of Sterols (as Sitosterol):

Sum of Tocopherols

(as α -Tocopherol):

Aflatoxin B1:

Total Aflatoxins (B1, B2, G1, G2):

Ochratoxin A:

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:

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

21.008.05, Spectrometer

21.132.03, GCFID

21.113.03, HPLC

21.193.03, HPLC

21.193.03, HPLC

21.197.02, HPLC

21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

21.156.03 GCFID

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21.177.02, GCMS

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Specifications

Orange - Yellow Clear Oil

< 18 mg KOH/g

< 15 meq/kg

Not Specified

< 0.7

1.470 - 1.490

0.910 - 0.930 g/mL

150 - 210 mg KOH/g

1 - 6%

140 - 200 mg KOH/g

< 0.04%

> 1.0%

Not Specified

EC No. 1881/2006

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6 - 12%

< 5%

2 - 6%

14 - 21%

< 5%

34 - 41%

24 - 35%

Not Specified

< 0.002 ppm

< 0.010 ppm

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**Fat Content Profile**

Total Fat:	DGF Method, C-VI 10b	Not Specified
Saturated Fatty Acids:	DGF Method, C-VI 10b	Not Specified
Monounsaturated Fatty Acids:	DGF Method, C-VI 10b	Not Specified
Polyunsaturated Fatty Acids:	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: 06/17/2024

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