



Tomato Seed CO2 Total Extract
 INCI: Solanum Lycopersicum (Tomato) Seed Extract
 Product ID: CO2TOMSDCN799

Specifications

Analytical Details

Appearance:
Odor:
Acid Value:
Peroxide Value:
Moisture & Volatiles:
Vitamin E:
Lycopene:
Relative Density (20 °C):
Saponification Value:
PAH4:
Benzo(a)pyrene:
Solvent Residue:
Aflatoxin B1:

Methods

Visual
 Organoleptic
 GB/T 5009.37
 GB/T 5009.37
 GB/T 5528
 HPLC
 HPLC
 GB/T 5526
 GB/T 5534
 GC
 GB/T 5009.27
 GB/T 5009.37
 GB/T 5009.22

Specifications

Clear, Reddish Orange Liquid
 Characteristic
 ≤ 3.0 mg KOH/g
 ≤ 10.0 meq/kg
 ≤ 0.3%
 ≥ 95 mg/100g
 ≥ 75 mg/kg
 0.900 - 0.930
 180 - 210 mg KOH/g
 < 10 µg/kg
 < 2 µg/kg
 Absent
 ≤ 10.0 µg/kg

Fatty Acid Profile

C16:0 Palmitic: GC ≤ 13%
C18:1 Oleic: GC ≥ 19%
C18:2 Linoleic: GC ≥ 50%
C18:3 Linolenic: GC ≥ 1%

Heavy Metals

Lead: GB 5009.12 ≤ 0.1 mg/kg
Arsenic: GB 5009.11 ≤ 0.1 mg/kg
Mercury: GB 5009.17 ≤ 0.02 mg/kg
Cadmium: GB 5009.15 ≤ 0.1 mg/kg

Microbiological

Total Bacteria: GB 4789.2 ≤ 1000 cfu/mL
Yeast and Mold: GB 4789.15 ≤ 100 cfu/mL
Coliform Bacteria: GB 4789.3 ≤ 3 MPN/mL
Salmonella: GB 4789.4 Absent
Shigella: GB 4789.5 Absent
Staphylococcus Aureus: GB 4789.10 Absent
Streptococcus Hemolyticus: GB 4789.11 Absent

Shelf Life: 2 Years

Date: 07/10/2020

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.

NATURAL SOURCING®

Natural Sourcing, LLC • 341 Christian Street, Oxford, CT 06478

Phone: (203) 702-2500 • Toll Free: (800) 340-0080 • Fax: (203) 702-2501 • info@naturalsourcing.com
www.naturalsourcing.com