

# Product - Specification

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Reg-No.: Sp210130c

Rev-No.: c

Printing Date: 10. March 2023

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Product / Trading-Name: **Olive oil refined organic Origin: Spain DE-ÖKO-001**

**Description:** Refined olive oil organic is the fatty oil obtained by refining of crude olive oil, obtained by cold expression or other suitable mechanical means from the ripe drupes of Olea europaea L..  
A suitable antioxidant may be added.

**Product No.:** 210130

**CAS No.:** 8001-25-0

**EINECS No.:** 232-277-0

**INCI Name:** Olea Europaea Fruit Oil

**Properties:** A clear, colourless or greenish-yellow, transparent liquid. Practically insoluble in alcohol, miscible with light petroleum. When cooled, it begins to become cloudy at about 10°C and becomes a butter-like mass at about 0°C.

| Parameter | Method | Unit | Value |
|-----------|--------|------|-------|
|-----------|--------|------|-------|

## Physical and Chemical Characteristics

|                          |                  |           |           |
|--------------------------|------------------|-----------|-----------|
| acid value               | Ph. Eur. [2.5.1] | mg KOH/g  | max. 0,6  |
| peroxide value           | Ph. Eur. [2.5.5] | meq O2/kg | max. 10,0 |
| relative density (20 °C) | Ph. Eur. [2.2.5] |           | ca. 0,913 |

## Fatty Acid Composition (GC of FAMES)

|                       |                   |   |             |
|-----------------------|-------------------|---|-------------|
| 14:0 myristic acid    | Ph. Eur. [2.4.22] | % | max. 0,03   |
| 16:0 palmitic acid    | Ph. Eur. [2.4.22] | % | 7,5 - 20,0  |
| 16:1 palmitoleic acid | Ph. Eur. [2.4.22] | % | max. 3,5    |
| 18:0 stearic acid     | Ph. Eur. [2.4.22] | % | 0,5 - 5,0   |
| 18:1 oleic acid       | Ph. Eur. [2.4.22] | % | 56,0 - 85,0 |
| 18:2 linoleic acid    | Ph. Eur. [2.4.22] | % | 3,5 - 20,0  |
| 18:3 linolenic acid   | Ph. Eur. [2.4.22] | % | max. 0,9    |
| 20:0 arachidic acid   | Ph. Eur. [2.4.22] | % | max. 0,6    |
| 20:1 eicosenoic acid  | Ph. Eur. [2.4.22] | % | max. 0,4    |
| 22:0 behenic acid     | Ph. Eur. [2.4.22] | % | max. 0,2    |
| 24:0 lignoceric acid  | Ph. Eur. [2.4.22] | % | max. 0,2    |

### **Storage:**

**Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.**

### **Residual Solvents:**

**It complies with the guideline CHMP/ICH/82260/2006 (residual solvents)**

|                 |          |                 |          |                  |          |
|-----------------|----------|-----------------|----------|------------------|----------|
| <b>Created:</b> | AS       | <b>Checked:</b> | BZ       | <b>Released:</b> | MT       |
| <b>Date:</b>    | 22.12.22 | <b>Date:</b>    | 22.12.22 | <b>Date:</b>     | 22.12.22 |

