

# Product Specification

## Oliora PerfectFry Pro



Version 1

07-2023

### General

**Product category:** High oleic refined deodorized winterized sunflower oil with nutritional supplements, intended for culinary.

**Ingredients:** High oleic refined deodorized winterized sunflower oil

**Nutritional supplements:** - Vitablend 5 (E320)  
- Vitablend 14 (E321)  
- DPMS Antifoam (E900)

**Consumer/mode of use and consumption:** Suitable for processing, consumption and professional use in catering

**Country of origin:** Ukraine

### Composition and permissible deviatons

**Structure:** Liquid

Symbol of acid	Acid name	Mass fraction of fatty acid, %
C6:0	Caproic acid	0
C8:0	Caprylic acid	0
C10:0	Capric acid	0
C12:0	Lauric acid	0
C14:0	Myristic acid	0-0,1
C16:0	Palmitic acid	2,6-5,0
C16:1	Palmitelaidic acid	0-0,1
C17:0	Margaric acid	0-0,1
C17:1	Heptadecenoic acid	0-0,1
C18:0	Stearic acid	2,0-6,2
C18.1	Oleic acid	75,0-90,7
C18:2	Linoleic acid	2,1-17,0
C18:3	Linolenic acid	0-0,3
C20:0	Arachidonic acid	0,2-0,5
C20:1	Gondoic acid	0.1-0,5
C20:2	Eicosadienoic acid	0
C22:0	Behenic acid	0,5-1,6
C22:1	Erucic acid	0-0,3
C24:0	Lignoceric acid	0-0,5
C24:1	Selacholic acid	0

Permissible maximum level of nutritional supplements according to the  
**Commission standard CODEX STAN 210:2005 IDT**

E320, E321, mg/kg, not more	200
Defoamer E900, mg/kg, not more	10

**Organoleptic and physical-chemical properties**

<b>Technical requirements</b>	
Indicator	Characteristics
<b>Organoleptic Properties</b>	
Taste and smell	Odorless flavor, without smell
Transparence	Transparent without sediment, at 20°C (68°F)
<b>Physical-chemical properties</b>	
Color number, mg of iodine, not more than	10,0
Acid number, mg KOH/g, not more than	0,5
Peroxide number, 1/2 O mmol/kg, not more (at the end of the shelf life)	10,0
Moisture and volatile substances %, not more	0,10
Mass fraction of phosphorus compounds in terms of stearooleoletsitin	Absence
Mass fraction of fat-free lean impurities, % not more	Absence
Iodine number g J2 /100 g	80-95
Mass fraction of unsaponifiable substances,%, not more	1,0
Content of mineral parafin, mg/kg, not more	50,0
Flash point (for press-extraction sunflower oil), °C not under	234
Degree of transparency, fern, not more	15

**Safety indicators**

<b>Content of toxic elements, mycotoxins, pesticides</b>	
Mass fraction of Mercury, mg/kg, not more	0,03
Mass fraction of Iron, mg/kg, not more	5,0
Mass fraction of Arsenic, mg/kg, not more	0,1
Mass fraction of Copper, mg/kg, not more	0,5
Mas <sub>s</sub> fraction of lead, mg/kg, not	0,1
Mass fraction of Cadmium, mg/kg, not more	0,05
Mass fraction of Zinc, mg/kg, not more	5,0

Mycotoxins mg/kg, no more: Aflatoxins B1 Zearalenone	0,005; 1,0
- Hexachlorcyclohexane (γ - isomers) - DDT; - HeptaChlor; - Chlormequat; - Mepiquat; - Acid herbicides; - Glyphosate; - Glyphosinate; - Amino acids AMPA	0,05 0,1 not allowed not allowed not allowed not allowed not allowed not allowed
<b>Radionuclides, Bq/ kg, not more than:</b> Tsezzy — 137 Strontium — 90	100 30
<b><i>Polycyclic aromatic carbhydrate</i></b>	
Benzopyrene, mkg/kg, not more	2,0
The sum of benzopyrene, benzanthracene, benzofluoranthene, mkg/kg	10,0
<b>Dioxins and PCBs</b>	
The amount of dioxins (WHO- PCDD/F-TEQ), pp\g of fat	0,75
The amount of dioxins and diokinoid PCB (WHO-PCDD/F-TEQ), pg/g of fat	1,25
The sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180 (ICES-6), pg/g of fat	40,0

<b>Microbiological indicators</b>	For high-oleic refined deodorized winterized sunflower oil are not regulated (once every six months, at the request of the Customer).
<b>Physical indicators</b>	No foreign objects (metal, glass, stones, jewelry, etc).
<b>Allergens</b>	Are absent

<b>Nutritional value</b>	<b>Energy value</b>	899 kcal (3696 kJ)
	<b>Fats</b>	99,9 g
	of them	
	- saturated	5,54 - 14,64 g
	- monounsaturated fatty acids (of which the mass fraction of oleic acid to the sum of fatty acids)	75,1 - 91,7 g
	- polyunsaturated	2,20 - 18,10 g
	<b>Carbohydrates</b>	0 g
	Of them	
	- Sugars	0 g
	<b>Proteins</b>	0 g
<b>Salt</b>	0 g	

**Packaging** For packaged sunflower oil used packaging for food, which ensures the preservation of quality sunflower oil: polymer cap, lid, container made of domestic and imported colored or non-colored polymeric materials, plastic canisters, metal cans, metal cans, bag-in-box ( transparent polymer bag in a box).

**Storage** According to the item 7.8 TU U 10.4-00687267-001:2021 in the case of transportation and storage of high oleic sunflower oil and oil mixtures at temperatures below 10 °C, turbidity and thickening of sunflower oil is not a sign of defect.

**Shelf life** - High oleic refined deodorized winterized sunflower oil with nutritional supplements (packaged) - 24 months;

**Shelf life after opening the consumer packaging of high oleic sunflower oil**

- At temperatures from +18 °C to +25 °C - 40 days:

- At temperatures from 0 °C to +11 °C - 100 days.

**Disclaimer** The given specification has been prepared based on information from our suppliers. No rights can be derived from the contents of the specification.

**Importer:**



Stavangerweg 21-4  
 9723JC, Groningen  
 Tel. +31 (0) 50 82 00 976  
 info@oliora.nl