

Description

Product name	Natur Manufaktur Sunflower oil, 5 Liter
Product description ¹	Pure refined sunflower oil without additives
Ingredients	100% Sunflower oil
Allergens	Sunflower oil
Production region	Ukraine
Net weight = drained weight	1Liter The permissible negative deviation from this net weight is 15 grams.
Storage life	24 months from production date

Packaging, Transport/Storage

Packaging unit	3 bottles (5Liter)/ carton; 132 bottles/pallet
pallet Height	145mm
Carton units ²	480x160x330mm
Packaging material	PET, carton
GTIN (EAN)	Bottle: 4260209786747; Carton: 4260209786761

Sensoric properties

Appearance	Color typical of the species and variety, light yellow, clear
Smell	Characteristic neutral odor
Taste	characteristic
Consistency	light consistency, not cloudy or thick

¹ Addition to the description

² Different box measurements

Chemical requirements

Parameter	
Acid value	mg KOH/g oil - not more than 0,6
Peroxide number	½ O mmol/kg - not more than 5
Totox number	up to 10
Color value	mg iodine – 2;
Mass fraction of impurities %-	Absent
Mass fraction of phosphorous-containing substances, at recalculation to stearooleocitine %	Absent;
Mass fraction of moisture and volatile substances, %-	0,10
Soap containing test for identification	Absent
Flash point of oil	°C - not less than 234
Cold test	at least 24h at 0°C
Safety indicators:	
Mass fraction of copper	not more than 0.4 mg/kg
Mass fraction of iron	not more than 5,0 mg/kg
Mass fraction of lead	not more than 0.1 mg/kg
Mass fraction of arsenic	not more than 0.1 mg/kg
Mass fraction of cadmium	not more than 0.05 mg/kg;
Mass fraction of mercury	not more than 0.03 mg/kg

Mass fraction of Aflatoxin B1	not more than 0.005 mg/kg
The content of pesticides	
HCCH Gamma-isomer (hexachloran)-	not more than 1,0 mg / kg
Heptachlor	not allowed
DDT	not more than 0,1 mg / kg
The content of radionuclides	
Cesium	137, Bq / kg - not more than 100
Strontium	90, Bq / kg - not more than 30
Maximal content of dioxin and PCB	
Sum of dioxins (WHO-PCDD / F-TEQ)	pg-TEQ/kg <0.75
Sum of dioxins and dioxin-like PCB (WHO-PCDD / F- TEQ)	pg-TEQ/kg fat <1.25
Mass fraction of banz(a)perene mkg/kg	not more than 2
Sum of benz(a)pyrene, benz(a)anthracene, benz(b) fluoranthene and chrysanthemum mkg/kg	not more than 10 mkg / kg
Mass fraction of mineral oils mg/kg fat	not more than 50
Content of chlorpyrifos mg/kg	not more than 0,01 mg/kg
Content of chlorpyrifosmethyl mg/kg	not more than 0,01 mg/kg

Fat acid distribution (area %)	Range / Values
myristic acid C 14:0	< 0.2
palmitic acid C 16:0	5.0 - 7.6

palmitoleic acid C 16:1	< 0,5
stearic acid C 18:0	2,7 - 6,5
Oleic acid C 18:1	14,0 – 40,0
Linoleic acid C 18:2	48,3 – 74,0
Linolenic acid C 18:3	< 0,3
Arachidic acid C 20:0	< 0,5
Eicosenoic acid C 20:1	< 0,5
Behenic acid C 22:0	< 1,5
erucic acid C 22:1	< 0,3
Linoceric acid C 24:0	< 0,5
Tetracosenoic acid C 24:1	< 0,4

Average nutritional values per 100ml³

Energy	3404 kJ / 828 kcal
Fat	92 g
of which saturates	10 g
Carbohydrate	0 g
of which sugars	0 g
Proteins	0g
Salt	0 g

³ Change of nutritional values

Label picture⁴



The product including all raw materials used for production meets the relevant German and EU legislation concerning food in the effective version.

The packaging meets the current requirements of the national and international legislation for materials intended to come in contact with food which are effective in Germany, particularly the German "Lebensmittel- und Futtermittelgesetzbuch (LFGB)", the German "Bedarfsgegenständeverordnung", the Commission Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food., the Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food, the directive on packaging 2004/12/EG as well as the recommendations of the German "Bundesinstitut für Risikobewertung (BfR).

The product does not contain any ingredients subject to declaration according to VO EU 1169/2011 (Annex II), Directives 2009/89/EC and 2006/142/EC. The product does not contain any ingredients subject to declaration according to the ALBA list (LeDa list). Version 2.0/2011.

According to Commission Regulation (EU) Nr. 1829/2003 and (EU) Nr. 1830/2003 the product does not contain any genetically modified organisms (GMOs) or consists of GMOs or is produced from GMOs or contains ingredients which are produced from GMOs, including additives and flavors.

The product corresponds to:

Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant or animal origin and amending Council Directives 91/414/EEC.

Commission Regulation (EC) No. 1881/2006 of 19.12.2006 setting maximum levels for certain contaminants in foodstuffs.

Directive 2002/32/EC of the European Parliament and of the Council of 07.05.2002 on undesirable substances in animal feed.

⁴ Label in three languages