KARTAS
ООО «КАРТАС» | KARTAS LLC

141282, Moscow Region, Pushkino, Ivanteevka,
Tsentralny Proezd, 27A
INN 5038115987 | KPP 503801001 | OGRN 1155038005869
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PRODUCT SPECIFICATION

BOTTLED SUNFLOWER OIL

Supplier	KARTAS LLC (ООО «КАРТАС»)
Country of Supplier	Russian Federation
Manufacturer	To be identified in the batch-specific manufacturer’s documents. No manufacturer is designated by this specification.
Manufacturer’s Address	Not specified in this supplier-issued specification.

1. PRODUCT INFORMATION

Parameter	Specification
Brand Name	Maslenitsa, Semenovna, Skazka, Oleina, IDEAL, Golden Drop, Zabava, Radhuni, Opera
Product Description	Refined Deodorized Sunflower Oil – First Grade
Method of Production	Produced by pressing and extraction from sunflower seeds, followed by removal of non-fatty impurities and aromatic matter by refining.
Volume	0.75, 0.87, 0.9, 1, 2, 3 and 5 L
Country of Origin	Russia

2. COMPOSITION

Ingredient	Percentage	Country / Place of Origin
Refined Deodorized Sunflower Oil	100%	Russia

3. GENERAL REQUIREMENTS AND REGULATORY DOCUMENTS

- GOST 1129-2013 – Sunflower Oil. Specifications.
- CU TR 021/2011 – Technical Regulation on the Safety of Foodstuffs.
- CU TR 024/2011 – Technical Regulation on Fat and Oil Products.
- CU TR 022/2011 – Technical Regulation on Food Product Labelling.

4. ORGANOLEPTIC CHARACTERISTICS

Parameter	Specification
Consistency / Texture	Liquid
Appearance / Colour	Transparent, no sediment; yellow colour
Taste and Odour	No odour; non-specific taste

5. PHYSICAL AND CHEMICAL CHARACTERISTICS

Parameter	Unit	Typical value at shipment	Limit at end of shelf life	Method
Acid Value	mg KOH/g	0.16	0.4	GOST 31933
Moisture and volatile matter	%	0.01	0.10	GOST 11812
Non-fatty impurities, not more	%	Absent	Absent	GOST 5481
Phosphorated substances	%	Absent	Absent	GOST 31753
Soap	Qualitative test	Absent	Absent	GOST 5480
Peroxide value, not more	mmol ½ O/kg	0.5	10.0	GOST ISO 3960
Colour value, not more	mg iodine	2	10.0	GOST 5477
Cold test	Qualitative test	Satisfies the test	Satisfies the test	Appendix E, GOST 1129
Saturated fatty acids (average)	%	12.0	—	GOST 30418; GOST 31663
Monounsaturated fatty acids (average)	%	24.0	—	GOST 30418; GOST 31663
Polyunsaturated fatty acids (average)	%	63.0	—	GOST 30418; GOST 31663
Trans fatty acid isomers, not more	%	1.0	—	—

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6. FATTY ACID COMPOSITION

Fatty Acid	Unit	Specification
C 14:0	%	Up to 0.2
C 16:0	%	5.0–7.6
C 16:1	%	Up to 0.3
C 18:0	%	2.7–6.5
C 18:1 cis	%	14.0–39.4
C 18:2 cis	%	48.3–77.0
C 18:3 cis	%	Up to 0.3
C 20:0	%	Up to 0.5
C 20:1	%	Up to 0.3
C 22:0	%	0.3–1.5
C 22:1	%	Up to 0.2
C 24:0	%	Up to 0.5

Test methods: GOST 30418, GOST 31663.

7. MICROBIOLOGICAL PARAMETERS

Not regulated under CU TR 021/2011 and CU TR 024/2011.

8. SAFETY DATA

Contaminant	Unit	Limit	Method
Benzo(a)pyrene	µg/kg	Not more than 2	GOST 32123
Dioxins	ng/kg	Not more than 0.75	MP-02200-NL EN 16215 / NEN EN 16215
Copper (Cu)	mg/kg	Not more than 0.1	GOST 30178
Iron (Fe)	mg/kg	Not more than 1.5	GOST 30178
Lead (Pb)	mg/kg	Not more than 0.1	GOST 30178
Cadmium (Cd)	mg/kg	Not more than 0.05	GOST 30178
Mercury (Hg)	mg/kg	Not more than 0.03	GOST R 54639; GOST 34427
Arsenic (As)	mg/kg	Not more than 0.1	GOST 26930
Sum of HCH isomers	mg/kg	Not more than 0.05	GOST 32122
DDT and metabolites	mg/kg	Not more than 0.1	GOST 32122
Cesium-137	Bq/kg	Not more than 40	MUK 2.6.1.1194-03
Strontium-90	Bq/kg	Not more than 80	MUK 2.6.1.1194-03

9. GMO STATUS

The product does not contain GMO and is not subject to GMO labelling according to CU TR 022/2011.

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10. ALLERGEN INFORMATION

Allergen	Presence (Y/N)
Peanuts and peanut products	N
Aspartame and aspartame-acesulfame salt	N
Mustard and its derivatives	N
Sulphur dioxide and sulphites (>10 mg/kg)	N
Cereals containing gluten and products thereof (wheat, rye, barley, oats, spelt, kamut and hybridised strains)	N
Sesame and derivatives	N
Lupine and derivatives	N
Shellfish and derivatives	N
Milk and dairy products (including lactose)	N
Nuts and products thereof (walnuts, Brazil nuts, cashew, pecan, pistachio, almond, cedar and macadamia)	N
Crustaceans and derivatives	N
Fish and fish products	N
Celery and products thereof	N
Soya and products thereof	N
Eggs and products thereof	N

11. PRODUCT LABELLING AND ACCOMPANYING DOCUMENTS

The following accompanying documents are listed in the source specification:

1. Quality Certificate.
2. Copy of CU TR conformity declaration.

12. NUTRITIONAL VALUE

Nutritional value per 100 g of refined deodorized sunflower oil

Property	Unit	Per 100 g	Per serving (10 g)	Basis
Caloric content	kcal/kJ	899 / 3696	90 / 370	Calculation
Protein	g	0	0	Calculation
Carbohydrates	g	0	0	Calculation
Sugar	g	0	0	Calculation
Fats	g	99.9	10	Calculation
Salt	g	0	0	Calculation
Vitamin E	mg	70	7	Analysis
Cholesterol	mg	0	0	Calculation

Vitamin E values are average values. Values identified as internal-use-only in the source specification are not subject to mandatory labelling.

13. TRANSPORTATION AND STORAGE

Consumer Packaging	Bottles made of polyethylene terephthalate (PET), produced by preform blowing. Bottles filled with oil must be tightly capped with caps made of materials certified for contact with vegetable oils.
Transport Packaging	Bottles containing oil are packed into corrugated carton boxes and grouped on pallets on trays.
Storage and Transportation Requirements	Covered and dry vehicles free from residues and odours of previous loads. Store in a clean, dry, odour-free room, protected from direct sunlight and at a temperature not exceeding room temperature. Store the bottle in a refrigerator after opening.
Best Before	22 months
Batch Identification	The production and bottling dates, production order number, process line number, tank number and best-before date are laser-printed on the shoulder/top part of the bottle.
Designation	For direct consumption and for food production.
Not Applicable For	Baby food.

SUPPLIER

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This document is a supplier-issued product specification based on the technical information provided in the reference sample. Manufacturer identity and batch-specific conformity must be confirmed by the relevant accompanying documents.