

PRODUCT SPECIFICATION

Soybean Oil Refined Deodorized Bleached

In-house laboratory certified by the “KirovogradStandartMetrology” State Testing Center
Approval Certificate No. 21/20 issued 01.07.2025, expires 30.06.2028

Product Name	Vegetable Oil - Soybean oil, refined, deodorized		
Ingredients	100% pure Soybean oil, refined, deodorized		
Product description:	Refined, deodorized soybean vegetable oil extracted from theseeds of the soybean (Glycine max).		
Manufacturer’s/Packager’s address:	56 (52), Molodizhna str., v. Vlasivka, Svitlovodsk,Kirovograd region, 27552, Ukraine		
Primary packaging:	PET bottle, PE cap		
Secondary packaging:	corrugated cardboard box		
Storage and transport requirements	To be stored and protected from fallout and sunlight		
Shelf life:	24 month from the date of production, if stored in sealed darkenedroom, in the recommended temperature range from + 8°C to +25°C		
Regulatory reference:	Quality of the product is in compliance with the requirements of DSTU 4534:2006 "Soybean Oil. Specifications” Ukrainian National Standards.		
Application purpose:	Refined soybean oil is used for frying, hot cooking, and hot/cold salad-dressing		
Use and application:	This product is fit for direct human consumption.		
Sensory characteristics:			
Appearance, color:	Clear oily liquid of a brown or slightly green color, without sediment		
Taste:	Neutral, free from any foreign taste		
Odor:	Neutral, free from any foreign odors		
Physical and chemical properties:			
Test item name and unit		Reference Value	Tested Value*
Color number, mg iodine, not more than		10.0	3
Acid number, mg KOH/g, not more than		0.40	0.15 - 0.25
Peroxide number, ½ Î mmol/kg, not more than		10.0	0.55 - 1.0
Content of phosphoric substances in terms of stearooleolecithin, % by weight, not more than		none	none
Non-fat impurity content, % by weight, not more than		none	none
Moisture and volatiles content, % by weight, not more than		0.10	0.02 - 0.03
Soap (quality test)		none	none
Color number, mg iodine, not more than		10.0	3
Heavy metals by weight, mg/kg, not more than:			
		Reference Value	Tested Value*
Lead (Pb)		0.10	0.0640
Cadmium (Cd)		0.05	0.0209
Arsenic (As)		0.10	< 0.0800
Mercury (Hg)		0.03	0.0080
Copper (Cu)		0.50	0.3150
Zinc (Zn)		5.00	1.8460
Iron (Fe)		5.00	0.4190
Residual pesticides by weight, mg/kg, not more than:		Reference Value	Tested Value*
DDT		0.10	< 0.05
Hexachlorane (HCCH, hexachlorocyclohexane)		0.05	< 0.05
Heptachlor mg/kg		0	none detected
Mycotoxins by weight, mg/kg, not more than:			

	<i>Reference Value</i>	<i>Tested Value*</i>
Aflatoxin B1	0.005	< 0.001
Zearalenone	1.0	< 0.04
Radionuclides, Bq/kg		
	<i>Reference Value</i>	<i>Tested Value*</i>
Caesium-137 (Cs-137)	< 30	12.0
Strontium-90 (Sr-90)	< 100	5.81
Genetically modified organisms (GMO)		
35S+FMV promotor target sequence (PCR Real-Time)	< 0.1%	none detected
NOS-terminator target sequence (PCR Real-Time)	< 0.1%	none detected
Fatty acid composition, %	<i>Reference Value</i>	<i>Tested Value*</i>
Ñ 16:0	7.0 – 13.0	7.9
Ñ 18:0	2.0 – 6.0	3.9
Ñ 18:1	18.0 – 30.0	27.5
Ñ 18:2	44.0 – 62.0	60.2
Ñ 18:3	4.0 – 11.0	6.2
Nutritional value, per 100 g		
Calories	3761 kJ/ 899 kcal	
Fat	99.9 g	
Of which: saturated	16.39 g	
monounsaturated	26.01 g	
Polyunsaturated	56.48 g	
Carbohydrates	0.0 g	
Of which sugar	0.0 g	
Protein	0.0 g	
Salt	0.0 g	

*This is a reference product specification. The actual tested values may vary slightly from batch to batch. The actual tested values for each individual consignment of this product will be given in respective quality documents issued for that consignment at the time of shipping

