



# ГРАДОЛІЯ РАФІНАЦІЯ

Limited Liability Company «GRADOIL REFINERY»

Ukraine, 25491, Kirovograd region, Kropyvnytskyi city, u.v. Nove, str. Murmans'ka, 37-G

Account 26004531131 Raiffaisen Bank Aval JSC, swift AVALUAUK, BIC 380805

EDPNOU: 40753019, Tax id 407530111233,

tel/fax: (0522) 366-738

**Description of the goods:** 100% Sunflower oil refined deodorized frozen "P" grade, packaged in PET bottles, Ukrainian origin

**Shelf life:** 24 month

**HS CODE:** 15121990

**Manufacturer:** LLC "GRADOIL REFINERY"

**Legal address of a manufacturer:** 25491, Kropyvnytskyi city, smt Nove, Murmanska str., 37-g CODE 40753019

Specification parameters	Unit	Standard
Transparency	-	Clear without siege
Odor	-	Taste of impervious oil without odor
Colour value	mg iodine	10 Max
Iodine value	g/100g	118-146
Acid value:	mg KOH/g	0.5 Max
FFA (as oleic)	%	0.1 Max
Peroxide number:	1/2O mmole/kg	2/10
Moisture and volatile substances	%	0.1 Max
Phosphorus-containing substances	% recalculated as per stearoooleocitine	-None
Moisture and volatile matter content	%	0.1 Max
Impurities	%	-None
Wax and waxy substances	%	-None
Soap conaining	%	-None
Saponification Number	-	188 - 194
Unsaponifiable matter	%	0.85 Max.
Degree of transparency	-	15 Max
Flesh point	°C	>234
Mass fraction of Benzo(a)pyrene	mcg/kg	2 Max
Caloric value	kcal	899
Density при 20°C	kg/m3	918-923
<b>Heavy metals</b>		
Plumbum	mg/kg	0,1 Max
Arsenic	mg/kg	0,1 Max
Cadmium	mg/kg	0,05 Max
Mercury	mg/kg	0,03 Max
Cooper	mg/kg	0,1 Max
Ferrum	mg/kg	5 Max
Zinc	mg/kg	5 Max
Aflatoxin B1	mg/kg	0,005 Max
Zearalenon	mg/kg	1 Max
<b>Pesticides:</b>		
Hexachlorane	mln-1(mg/kg)	0.05 Max
Heptachlor	mln-1(mg/kg)	None
DDT	mln-1(mg/kg)	0,1 Max
<b>Acids:</b>		
Caproic acid (6:0)	%	-
Caprylic acid (8:0)	%	-
Capric acid (10:0)	%	-
Lauric acid (12:0)	%	-
Myristic acid (14:0)	%	<0.5%
Palmitic acid (16:0)	%	3.0-10.0%
Palmitoleic acid (16:1)	%	0.1% max
Stearic acid (18:0)	%	1-10%
Oleic acid (18:1)	%	14.0-65.0%
Linoleic acid (18:2)	%	20.0-75.0%
Linolenic acid (18:3)	%	0.7% max
Archidic acid (20:0)	%	1.0% max

Nutritional value	
Energy	3764 kJ / 899 kcal
Fat	99.9g
Carbohydrate	0g
Protein	0g
Salt	0g
Vitamin E	178 mg/kg (natural content)
Vitamin A	1.31 mg/kg (natural content)
Vitamin D	absent

Director Umrikhin V.K.

