

CERTIFICATE OF QUALITY (18.112025)

Refined, deodorized, frozen sunflower oil Ukrainian origin, NON-GMO
(HS code 1512199010)

Organoleptic indicators	
Indicator	Measurement data
Transparency	Transparent without sediment
Taste and odor	Without odor, taste of the depersonalized oil
Physical and chemical indicators	
<i>Mass fraction of moisture and volatiles content %</i>	0,08
<i>Color value, mg of iodine</i>	< 2,0
<i>acid value mgKOH/g</i>	0,15
<i>peroxide number, 1/2 OMmol/kg</i>	< 2,0
<i>Gamma HCH, mg/kg</i>	< 0,005
<i>DDT, mg/kg</i>	< 0,005
<i>Heptachlor, mg/kg</i>	Not detected
<i>Zearalenone, mg/kg</i>	< 0,05
<i>Benzo(a)pyrene, mg/kg</i>	< 2,0
<i>Erucic acid, including erucic acid bound in fat, %</i>	< 0,5
<i>Mass fraction of phosphorus-containing substances in terms of stearo-oleo-lecithin</i>	<0,01 none
<i>Mass fraction of not fat admixtures,%</i>	<0,01 none
<i>GMO</i>	Not detected
<i>Total dioxins (WHO-PCDD,F-TEQ)</i>	<0,25 pg/g fat
<i>Sum of dioxins and dioxin-like PCBs(WHOPCDD, F-PCBB-TEQ)</i>	<0,25 pg/g fat
<i>Sum of PCB28,PCB52,PCB101,PCB138,PCB153 and PCB180 (ICES-6)</i>	< 5 ng/g fat
<i>Copper mg/kg</i>	<0,5
<i>Zinc mg/kg</i>	< 5,0
<i>Lead mg/kg</i>	<0,1
<i>Cadmium mg/kg</i>	<0,05
<i>Arsenic mg/kg</i>	<0,1
<i>Mercury mg/kg</i>	<0,03
<i>137 Cs, bk/kg</i>	<3,0
<i>90 Sr, bk/kg</i>	<27,0

According to the indicators of quality and safety complies with the requirements of DSTU 4492 "sunflower refined oil".