

**ADDITIONAL RESPONSIBILITY COMPANY
«UKROLIYAPRODUCT»**



Address: 146 Parkova str., 38100, Zenkov, Poltava region, Ukraine e-mail: zinkiv@ukroliya.com; lab2@ukroliya.com

Place of production: 146 Parkova str., 38100, Zenkov, Poltava region, Ukraine

The laboratory is certified by the certificate of conformili of the state of the system of measurements № 071-17 from 16.11.2017 on 15.11.2020

Quality Certificate (Declaration of manufacturer)

on sunflower crop 2019. According the requirements of TU U 10.4-00687267-001:2016 chance 1 «Sunflower oil is high-oleic. Specificati» change 2 «Oil sunflower oil and vegetable oil. Technical conditions»

Net weight,kg / number of bottles., volume: 15л/ 13680 г.

Refined deodorized winterized high-oleic sunflower oil

Kind, trade mark; packed: **TM « EFFO CHEF »**

Name and units, number of test reports	Permissible levels
Transparence:	Organoleptic:
Smell and taste	odorless flavor of deodorized oil
Physical - chemical properties:	
Color number, mg of iodine, not more than	10
Acid number, mg KOH / g. not more than	0,50
Peroxide number, $\frac{1}{2} \text{O mmol} / \text{kg}$, no more than	10,0
Mass fraction of phosphorus compounds in terms of stearooleoleotsitin, %, not more than	absence
Mass fraction of fat-free lean impurities, %, not more than	absence
Mass fraction of moisture and volatile substances, %	0,10
Waxes and waxy substances (cold test)	absence
Soap (quality test)	absence
Anizidin value a.u.	absence
Content of oleic asid, % not less than	does not ration more 75%
Mass fraction of toxic elements, mg / kg, not more than:	
Lead	no more 0.1
Cadmium	no more 0.05
Arsenic	no more 0.1
Zinc	no more 5.0
Mercury	no more 0.03
Iron	no more 5.0
Copper	no more 0.5
Mass fraction of mycotoxins, mg / kg, not more than:	
Zearalenone	no more 1,0
AflatoxinB1	no more 0.005
Mass fraction of pesticide residues, mg / kg, not more than:	
DDT (Sum metabolites)	no more 0.1
Heptachlor	not permitted
HCH gamma - isomer (hexachloran)	no more 0.05
Content of radionuclides, Bq / kg.l:	
Tsezy-137	no more 100
Strontium-90	no more 30
Content of mineral parafin, mg / kg	no more 50
Mass fraction of benzo (a) pyrene, $\mu\text{g} / \text{kg}$	no more 2,0
Genetically modified organisms	no more 0.9
Production date:	Shipping date:

Content of toxic elements, pesticides, mycotoxins, radionuclides does not exceed the maximum permissible concentration laid down in the ILO № 5061, HN.6.6.1.1- 130.2006. DSTU 4492:2017 Store in a closed dark room in the recommended temperature range from +8 to +20 C.

Laboratory assistant: Левошко В.В.

Shelf life 24 monts

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Net weight,kg / number of bottles., volume: 1л/ 912 г.

Refined deodorized winterized high-oleic sunflower oil

Kind, trade mark; packed: TM « EFFO CHEF »

Name and units, number of test reports	Permissible levels
Organoleptic:	
Transparence:	Transparent without sediment
Smell and taste	odorless flavor of deodorized oil
Physical - chemical properties:	
Color number, mg of iodine, not more than	10
Acid number, mg KOH / g, not more than	0,50
Peroxide number, ½ O mmol / kg, no more than	10.0
Mass fraction of phosphorus compounds in terms of stearooleoletsitin,%, not more than	absence
Mass fraction of fat-free lean impurities,%, not more than	absence
Mass fraction of moisture and volatile substances, %	0,10
Waxes and waxy substances (cold test)	absence
Soap (quality test)	absence
Anizidin value a.u.	does not ration
Content of oleic asid, % not less than	more 75%
Mass fraction of toxic elements, mg / kg, not more than:	
Lead	no more 0,1
Cadmium	no more 0,05
Arsenic	no more 0,1
Zinc	no more 5,0
Mercury	no more 0,03
Iron	no more 5,0
Copper	no more 0,5
Mass fraction of mycotoxins, mg / kg, not more than:	
Zearalenone	no more 1,0
AflatoxinB1	no more 0,005
Mass fraction of pesticide residues, mg / kg, not more than:	
DDT (Sum metabolites)	no more 0,1
Heptachlor	not permitted
HCH gamma - isomer (hexachloran)	no more 0,05
Content of radionuclides, Bq / kg.l:	
Tseyzy-137	no more 100
Strontrium-90	no more 30
Content of mineral parafin, mg / kg	no more 50
Mass fraction of benzo (a) pyrene, µg / kg	no more 2,0
Genetically modified organisms	no more 0,9

Production date: Shipping date:

Content of toxic elements, pesticides, mycotoxins, radionuclides does not exceed the maximum permissible concentration laid down in the ILO № 5061, HN.6.6.1.1- 130.2006. DSTU 4492:2017 Store in a closed dark room in the recommended temperature range from +8 to +20 C.

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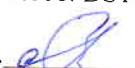
Net weight, kg / number of bottles., volume: 10л/ 9120 г.

Refined deodorized winterized high-oleic sunflower oil

Kind, trade mark; packed: TM «EFFO CHEF»

Name and units, number of test reports	Permissible levels		
Transparency:	Organoleptic:		
Smell and taste	Transparent without sediment odorless flavor of deodorized oil		
Color number, mg of iodine, not more than	Physical - chemical properties: 10		
Acid number, mg KOH / g, not more than	0,50		
Peroxide number, ½ O mmol / kg, no more than	10,0		
Mass fraction of phosphorus compounds in terms of stearooleoletsitin, %, not more than	absence		
Mass fraction of fat-free lean impurities, %, not more than	absence		
Mass fraction of moisture and volatile substances, %	0,10		
Waxes and waxy substances (cold test)	absence		
Soap (quality test)	absence		
Anizidin value a.u.	absence		
Content of oleic acid, % not less than	does not ration more 75%		
Mass fraction of toxic elements, mg / kg, not more than:			
Lead	no more 0,1		
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Zearalenone	no more 1,0		
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DDT (Sum metabolites)	no more 0,1		
Heptachlor	not permitted		
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Production date:	Shipping date:		

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Shelf life 24 months