

Gland Group OU

Production Laboratory

Sunflower Oil

Certificate of Laboratory Analysis

Date of expiration:

Product: Sunflower Oil

Packing: Refined Sunflower Oil

Shelflife: 24 months from the date of manufacture

INGREDIENTS: 100% Sunflower Oil

CHEMICAL ANALYSIS

Test Conducted	Normative document (Test Method)	Test results
Transparence	Ukraine State Standart 5472-50. Seed oil.Definition of smell,color and limpidity	Transparent
Taste and odor	Ukraine State Standart 5472-50. Seed oil.Definition of smell,color and limpidity	Typical for sunflower oil
Color index, mg of iodine	Ukraine State Standart 4568-2006. Methods of definition of Color value	2
Acid value, mg KOH/g,	Ukraine State Standart 4350-2004. Methods of definition of Acid value	0,12
Soap (quality test)	Ukraine State Standart 5063-2008. Methods of definition of non oleaginous impurities and	None
Moisture and volatile matters, %	Ukraine State Standart 4350-2004.	< 0,1
Non-fatty impurities,%	Ukraine State Standart 5472-50	None
Peroxide value, ½ O m mol kg	Ukraine State Standart 5472-50	1,00
Calorific value of 100g of product	Ukraine State Standart 5472-50	899
Mass fraction of phosphorus-containing substances in terms of sterearolecitin, %	Ukraine State Standart 5472-50	None
Lead, mg/kg (not more than)	Ukraine State Standart 5472-50	0,0087

Cadmiun, mg/kg (not more than)	Ukraine State Standart 5472-50	0,006
Arsenic, mg/kg (not more than)	Ukraine State Standart 5472-50	0,03
Mercury, mg/kg (not more than)	Ukraine State Standart 5472-50	0,009
Copper, mg/kg (not more than)	Ukraine State Standart 5472-50	0,027
Zinc, mg/kg (not more than)	Ukraine State Standart 5472-50	0,176
Iron, mg/kg (not more than)	Ukraine State Standart 5472-50	0,65
Zearalenon, mg/kg (not more than)	Ukraine State Standart 5472-50	0,09
B1 Aflatoxin, mg/kg (not more than)	Ukraine State Standart 5472-50	0,001

An expiration date is 24 months from DOP. Store in a closed dark place at a temperature of +8C to +20C
Answers requirements DSTU 4492:2017
Quality is guaranteed by the rules of transportation and storage.