

**DITREX HOLDING OU**

Narva mnt 7-634, Tallinn, 10117

ISIKU/registrikood 12520207

Appendix 1

Sunflower seed oil refined deodorized winterized, parameters of quality:

Index	Normativ document	Norm	Actual value
Limpidity	Ukrainian State Standart 5472 Seed oil. Definition of smell, color and limpidity	Limpid without lees	Limpid without lees
Taste and smell	Ukrainian State Standart 5472 Seed oil. Definition of smell, color and limpidity	The taste of the depersonalized oil odourless	The taste of the depersonalized oil odourless
Colour value, amount of iodine mg, less than	Ukrainian State Standart 4568:2006. Methods of definition of Colour value	≤10	2,5
Acid value, mg KOH/g, less than	Ukrainian State Standart 4350:2004. Methods of definition of Acid value	0,50	0,19
Weight part of non olefinous impurities, less than	Ukrainian State Standart 5063:2008. Methods of definition of non olefinous impurities and settling	No	Not found
Peroxide value, ½ 0 mmol/kg, less than	Ukrainian State Standart 4570:2006. Methods of definition of Peroxide value	8,0	1,0
Weight part of Phosphorus compound less than -In terms of stearooleoletsytyn, %	Ukrainian State Standart 7082:2009. Methods for determination of mass concentration phosphorated content	No	Not found
Weight part of moisture and impurities, %, less than	Ukrainian State Standart 4603:2006. Methods of definition of moisture and impurities	≤0,10	0,02
Iodine value, (protocol № 9410/20-x)	Ukrainian State Standart 4569:2006. Methods for determination of iodine value	125-145	131
Unsoaping materials/mass (protocol № 9410/20-x)	ISO 3596:2000	1,0	0,14
Soap (quality test)	Ukrainian State Standart 6048:2008. Method of soap determination	No	Not found
Wax and beeswax like substances (protocol № 9410/20-x)	Ukrainian State Standart 4602:2006. Determination methods beeswax like of matters	No	Not found (<30)
Iron, mg/kg (protocol № 1026-X))	Ukrainian State Standart 30178-96. Method determination of toxic elements	≤5,0	0,91

Copper, mg/kg (protocol № 1026-X)	Ukrainian State Standart 30178-96. Method determination of toxic elements	≤0,5	0,059
Lead, mg/kg (protocol № 1026-X)	Ukrainian State Standart 30178-96. Method determination of toxic elements	≤0,1	0,006
Arsenic, mg/kg (protocol №1026-X)	Ukrainian State Standart 30178-96. Method determination of toxic elements	≤0,1	<0,04
Mercury, mg/kg (protocol № 1026-X)	Ukrainian State Standart 30178-96. Method determination of toxic elements	≤0,01	<0,01
Cadmium, mg/kg (protocol № 1026-X)	Ukrainian State Standart 30178-96. Method determination of toxic elements	≤0,05	0,003
Zinc, mg/kg (protocol №1026-X)	Ukrainian State Standart 30178-96. Method determination of toxic elements	≤5,0	0,287
Genetically modified organisms (protocol № 311-X)	Ukrainian State Standart 21569:2008 Method determination of genetically modified organisms	-	Not found
Aflatoxin B ₁ , mg/kg, (protocol № 1026-X)	Ukrainian State Standart MP 2273-80 Method determination of mycotoxins	≤0,05	<0,001
Zearalenon, mg/kg, (protocol № 1026-X)	Ukrainian State Standart MP 2964-84 Method determination of mycotoxins	≤1,0	<0,1
Heptachlor, mg/kg, (protocol № 10268-X)	Ukrainian State Standart 1528-2002 Method determination of pesticides	No	Not found
DDT, mg/kg, (protocol №1026-X)	Ukrainian State Standart 1528-2002 Method determination of pesticides	≤0,1	Not found
Hexachlorane, mg/kg, (protocol № 1026-X)	Ukrainian State Standart 1528-2002 Method determination of pesticides	≤0,05	Not found
Caesium 137 (protocol №1026-X)	Ukrainian State Standart 07-119:2011 Method determination of radionuclides	≤100,0	<12,7
Strontium 90 (protocol №1026-X)	Ukrainian State Standart 12-08-99 Method determination of radionuclides	≤30,0	<8,6