

Crude Sunflower Oil

(Product code LQS SBZ21D)

Description

Appearance: slightly cloudiness is allowed Odor: specific for the product, without foreign flavor and rancid smell

Use

Crude sunflower oil is used in the production of refined edible sunflower oil, mixed edible oil, blended edible vegetable fat, fat spreads, mayonnaise and related products.

GMO Status

The product must not contain genetically modified organisms

Halal status

The product is according to Sharia.

Physical and chemical properties

Free fatty acids (as oleic)	max. 3%
Water content and volatile matter	max. 0,3%
Phosphorus content	max. 0,025%
Content of insoluble matter in trichloroethylene	max. 0,10%
Relative density at 20°C	0,918 – 0,928
Refractive index at 20°C	1,4720 - 1,4760
lodine number	119-138gJ2/100g
Saponification number	188-194 mgKOH/g oil
Unsaponification matter	max. 15 g/kg
Sediment content	max. 0,5%

Microbiological characteristics

Parameter	Sampling plan	Allowed number
CFU(aerobic mezophil)	N=5; c=1	M=10; M=100 cfu/g
Yeast and molds	N=5; c=1	M=10; M=100 cfu/g
Listeria monocytogenes	N=5; c=0	M=100 cfu/g
Enterobacteriaceae	N=5; c=1	M=10; M=100 cfu/g

Microbiological validity

Provided by low water content in the product

The allowed amount of metals	
Lead (Pb)	max. 0,1 mg/kg
Arsenic total (As(max. 0,4 mg/kg
Iron (Fe)	max. 5,0 mg/kg
Nickel (Ni)	max. 0,5 mg/kg
Copper (Cu)	max 0,4 mg/kg

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* Wheat, rye, barley, oats, couch grass, kamut (Triticum turanicum) or their hybrids

** Almonds Amygladus communis L., Corylus avellana hazelnut, walnut Juglans regia, Indian nutmeg-cash Anacardium occindetale, Cary illinoiesis nutmeg nut, Brazilian nutmeg Bertholletia excelansa, pistachio Pistacia vera, makadamija nutmeg Macadamia ternifolia

Packaging

In bulk-tank

Designation

In the documentation accompanying the delivery; manufacturer declaration On the storage tank: table with the name of the raw product

Storage

In storage tanks suitable for the product To be transported in clean and dry tanks or through pipelines

Shelf life

None

Applicable regulations for materials

According to the current regulations of the Republic of Serbia

Quality certification

The product is certified as per GMP+

Liability

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