



	Product name:	Liquid sunflower lecithin E322 (i)
1	Composition:	Sunflower lecithin E322 (i)
2	Description:	amber-brown liquid with a faint smell and taste that typical to sunflower oil. The product is obtained from sunflower oil by water hydration.
3	Processing treatment:	
4	Application:	confectionery, chocolate, bakery and flour confectionery, pasta, margarine and spreads, meat products, instant products

Table 2 - Organoleptic and physical-chemical parameters

Organoleptic and physical-chemical parameters				
No	List of parameters	Method	UOM	Value
1	Organoleptic parameters	ISO 32052-2013	-	Light yellow to dark brown, clear or translucent, slight odor inherent to sunflower oil
2	Color number of 10% solution in toluene, max	ISO 32052-2013	iodine, mg	80 (Gardner color - max. 12 units)
3	Acid value, max	ISO 32052-2013	mgKOH/g	36
4	Mass fraction of substances insoluble in acetone, min	ISO 32052-2013	%	60.0
5	Mass fraction of substances insoluble in toluene, max	ISO 32052-2013	%	0.1
6	Peroxide value, max	ISO 32052-2013	mmol of active oxygen / kg	10.0
7	Mass fraction of moisture and volatile substances, max	ISO 32052-2013	%	0.3
8	Viscosity at 25° C, max	ISO 32052-2013	Pa*s	12

Table 3 - Microbiological parameters

No	List of parameters	Method	UOM	Sanitary-hygienic standard
1	Pathogenic microorganisms, including Salmonella, in 25 g of product, max	according to regulatory documents in force on the territory of the state	CFU	Not allowed

Table 4 - safety indicators

No	List of parameters	Method	UOM	Value
1	Mass fraction of arsenic, max	ISO 31628, ISO 26930, ISO 30538	mg/kg	0.1
2	Mass fraction of lead, max	ISO 26932, ISO 30538, ISO 30178	mg/kg	0.1
3	Mass fraction of mercury, max	ISO 26927	mg/kg	0.05
4	Mass fraction of cadmium, max	ISO 26933, ISO 30538, ISO 30178	mg/kg	0.05
5	Mass fraction of aflatoxin B1, max	ISO 30711	mg/kg	0.005
6	Mass fraction of HCCH (α , β , γ - isomers), max	according to regulatory documents in force on the territory of the state	mg/kg	0.2
7	Mass fraction of DDT and its metabolites, max		mg/kg	0.2
8	Cesium-137, max		Bq/kg	60
9	Strontium-90, max		Bq/kg	80
10	GMO	PCR method according to regulatory documents in force on the territory of the state	%	Non GMO

Table 5 - Nutrition and energy value

No	Group	UMO	Value
1	Fats in 100 g	g	95
2	Carbohydrates in 100 g	g	4
3	Water in 100 g	g	0.3
4	Energy value in 100 g	kJ	3583

Table 6 - Storage conditions and shelf life

BioEnergy Yag Sanayi ve Ticaret Limited Sirketi
 Address: SOĞANLIK YENİ MAH. PEGAGAZ SK. PEGAKARTAL A
 BLOK NO: 6 A İÇ KAPI NO: 200
 KARTAL/ İSTANBUL
 Tax ID: 1760909473
 Site: www.BioEnergy.com.tr
 Email: info@bioenergy.com.tr
 Phone no: +90-216-222-04-24

Bank Name: Vakif Katilim Bankasi A.S
 Bank Address: 095-Kartal E5 branch Saray Mah., Dr. Adnan
 Buyukdeniz Caddesi, No:10 , Umraniye/Istanbul
 Istanbul Branch Swift: VAKF TR IS
 Account EUR: TR97 0021 0000 0006 9222 8001 02
 Account USD: TR27 0021 0000 0006 9222 8001 01
 Account TL: TR11 0021 0000 0006 9222 8000 01



	Storage conditions	Shelf life
1	Keep the product tightly closed, in the original packaging in a cool (temperature should not exceed 35 °C), dry (relative humidity 75% max) place without direct sunlight.	18 months

The products are manufactured in accordance with regulatory and technical documentation: ISO 30363-2013

Products meet the requirements of the Technical Regulations of the Customs Union:

TR CU 021/2011 "On food safety" and TR CU 029/2012 "Safety requirements for food additives, flavors and processing aids" Packaging:

Type of single packaging: 200 kg barrel with removable cover or 1000 kg container.

Type of transport packaging: 200 kg barrel (can be installed vertically, 4 pcs per pallet) or 1000 kg container. Transport

packaging barcode:

Number of transport packaging in a row on a

Euro pallet: 4 barrels or 1 container The

number of rows of transport packaging in height on a Euro pallet: 1

The number of transport packaging on a pallet (1.2x1.2x0.15): 200 kg barrels can be installed vertically on a pallet of 4 pcs., 1000 kg containers can be installed on a pallet



№	Product name:	Liquid soy lecithin E322 (i)
1	Composition:	soy lecithin E322 (i)
2	Description:	amber-brown liquid with a faint smell and taste that typical to soy oil. The product is obtained from soy oil by water hydration.
3	Processing treatment:	
4	Application:	confectionery, chocolate, bakery and flour confectionery, pasta, margarine and spreads, meat products, instant products

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3	Acid value, max	ISO 32052-2013	mgKOH/g	36
4	Mass fraction of substances insoluble in acetone, min	ISO 32052-2013	%	62.0
5	Mass fraction of substances insoluble in toluene, max	ISO 32052-2013	%	0.2
6	Peroxide value, max	ISO 32052-2013	mmol of active oxygen / kg	10.0
7	М.д. влаги и летучих веществ, не более	ISO 32052-2013	%	0.3
8	Viscosity at 25 ° C, max	ISO 32052-2013	Pa*s	12

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height on a Euro pallet: 1

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