

## Product Description

### CRUDE SOYBEAN OIL

**Product description:** Product obtained by heat treatment, crushed, dehulled and conditioned non GMO soybean, which is pressed. Oil is released of sediment through sedimentation and filtering in frame filter press, and than oil is stored.

**Product code:** 350

**Ingredients:** soybean 100%

#### Organoleptic characteristics:

<b>Color</b>	Characteristic, yellow-brown
<b>Smell</b>	Pleasant and characteristic for soybean oil, without unusual odour and without odour typical for rancidity
<b>Taste</b>	Without unusual taste and without taste typical for rancidity

#### Chemical characteristics:

Moisture	0,03-0,1 %
Insoluble impurities	0,04-0,07 %
Free fatty acid content-acidity	0,84-1,31 % oleic acid
Peroxide value	1,99 mmol/kg 0,922 (x=20°C)
Relative density(x0C/water t 20°C)	
Refractive index(nDx0C)	1,473-1,474 (x=20°C)
Saponification value	190-191 mgKOH/g
Iodine value	122-134 g/100g
Unsaponifiable matter	0,44-0,51%
Phosphorus	0,025-0,0758 %
Phosphatides	0,63-1,9 %
Flashpoint limits test at 1210C	no flash
GMO	<0,9%

#### Toxic substances:

Dioxin	0,5-0,75ng/kg
Sum of dioxins and dioxin like PCB	max 1,5 ng/kg
Dioxin like PCB	max 0,5 ng/kg
Hydrocarbons(C10-C40)	400mg/kg
Polycyclic Aromatic Hydrocarbons(PAH)	160-200µg/kg

#### Pesticides:

Alfa isomer	max 0,2mg/kg
Beta isomer	max 0,1mg/kg
Gama isomer(lindan)	max 2,0 mg/kg
Hexachlorobenzene( HCB)	max 0,2mg/kg
Endrin(sum of endrin and deltaketo-endrin)	max 0,05mg/kg
Endosulfan (sum of alf and beta isomers and of endosulfan sulfate)	max 1,0mg/kg
DDT(sum of DDT, DDD and DDE –isomers)	max 0,5mg/kg
Clethodim	10 mg/kg
Thifensulfuron-methyl	0,05 mg/kg
Bentazone	0,1 mg/kg

#### Fatty acid composition (%m/m)

C16:0	10,2- 13,6
C18:0	4,5-7,1
C18:1	21,2-23,25
C18:2	46,3-53,28
C18:3	8,3-9,0
C 20:0	2,2
C 20:1	0,3-0,6
Saturated fatty acids	14,72-22,9
Monounsaturated fatty acids	21,8-23,65
Polyunsaturated fatty acids	55,3-61,61



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**Terms of use:** Product for further processing as a feedstock in the manufacture of ready-made mixtures for animal feeding, as well as raw materials in paint and varnish industry, and in biodiesel production.

**Storage conditions:** It is recommended to store in tanks where product will not be in contact with moisture and high temperature and where will be protected from entry of rodents, insects, birds and other animals.

**Shelf life:** 12 months

**Packaging:** Bulk

**Complies with applicable standard and EU regulations**

Legal provisions and relevant standard GMP+B2(2010), GMP+BA1, GMP+BA4, requirements(EU R 68/2013, 767/2009, EU R 1829/2003, 574/2011,744/2012,1275/2013, 277/2012), customer requirements

**BSE/TSE statement:** Product doesn't contain ingredients with animal origin

**Traceability:** Established in all phases of production, storage and transportation of ingredient and final product.

**Product safety status:** Product is safe for labelled intended use. Safety Data Sheet available on request.

