

BANKOM d.o.o. BELGRADE, SERBIA 11080 Zemun, Nikola Tesla Boulevard 30A Tel: (+381 11) 319 0052 Fax: (+381 11) 319 0770 E-mail:office@bankom.rs www.bankom.rs



3. MANUFACTURING SPECIFICATION

Document code: MS

1. General information on product

Product code and name:	(20070) Soybean oil, raw 2.20.1 Vegetable oil and fat 2.185 Soy bean oil crude, not degummed	
Туре:	Soybean oil	
Manufacturer's headquarters:	Bankom production Obrenovac, Branch of Bankom DOO, Bulevar Nikole Tesle 30a, Belgrade	
Manufacturing facility :	Obrenovac 11500, Nemanjina b.b. Email: office@bankom.rs	

2. Product definition and short description

Properties type

Ingredients: 100%Soybean

This type of product is produced from healthy, genetically nonmodified soybeans, which are crushed and dehulled. Through special heat treatment and extraction with organic solvent (n-hexane) oil is released of sedimer through sedimentation and filtering in frame filter press, and than oil is stored.

3. Complies with applicable standard and EU regulations

Legal provisions and relevant standard GMP+B2, GMP+BA1, GMP+BA4, requirements EU Regulations (and amendments): 396/2005, 68/2013, 767/2009, 1829/2003, 574/2011, 744/2012, Directive 2002/32/EC and amendments). **GMP+FSA ASSURED**

4.1 Name properties Color: characteristic, yellow-brown Taste: without unusual taste and without taste typical for rancidity **ORGANOLEPTIC PROPERTIES** Odour: pleasant and characherstic for soybean oil, without unusual odour and without odour typical for rancidity Typical value 0,03-0,2 % Moisture **Insoluble impurities** 0.04-0.07% Free fatty acid content-acidity 0,84-1,31% oleic acid Peroxide value 1,99 mmol/kg Relative density(x0C/water t 20°C) 0,922 (x=20°C) Refractive index(nDx0C) 1,473-1,474 (x=20°C) **CHEMICAL PROPERTIES** Saponification value 190-191 mgKOH/g **lodine value** 122-134 **Unsaponifiable matter** 0,44-0,51% Total phosphorus/phosphatides content **Phosphorus** 0.025-0.0758 % **Phosphatides** 0.63-1.9 % Lovibond colour Red 2,5-4, Yellow 25-40 Flashpoint limits test at 121°C no flash GMO <0,1%

Requirements GMP+BA1

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 Hidrocarbons(PAH) 160-200µg/kg

Performance value

g/100g



BANKOM d.o.o. BELGRADE, SERBIA 11080 Zemun, Nikola Tesla Boulevard 30A Tel: (+381 11) 319 0052 Fax: (+381 11) 319 0770 E-mail:office@bankom.rs www.bankom.rs



	Hexachlorobenzo Endrin(sum of endrin a Endosulfan(sum of alf Sulfa	max 0,2mg/kg max 0,1mg/kg dan) max 2,0 mg/kg ene(HCB) max 0,2mg/kg and deltaketo-endrin) max 0,05mg/kg and beta isomers and of endosulfan ate) max 1,0mg/kg and DDE –isomers) max 0,5mg/kg		
	Fatty acid composition (%m/m)	Fatty acid composition (%m/m)		
4.2 Terms of use	C16:0 C18:0 C18:1 C18:2 C18:3 C20:0 C20:1 Saturated fatty acids Monounsaturated fatty acids Polyunsaturated fatty acids Polyunsaturated fatty acids	Typical value 10,2- 13,6 4,5-7,1 21,2-23,25 46,3-53,28 8,3-9,0 2,2 0,3-0,6 14,72-22,9 21,8-23,65 55,3-61,61 processing as a feedstock in the manufacture of es for animal feeding, as well as raw materials in dustry, and in biodiesel production.		
4.3 Shelf life	12 months	12 months		
4.3 Sheii ilie				
4.4 Packing	Bulk	Bulk		
4.5 Storage conditions	contact with moistu	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.		
Date: 13.11.2020.		<u> </u>		
	· · · · ·			