



SUPA EXPORT®

Passion For Import - Export Solutions

CRUDE SUNFLOWER OIL

We sell crude sunflower oil that can be used according to your industry needs. Our crude sunflower oil is sourced only from top crude sunflower producers. Our timely delivery ensures that your processing doesn't stop for lack of raw material.

Product application: Crude sunflower oil is used for human nutrition. Oil originated from plants has significant role in terms of nutrition, physiology and psychology of human organism because it has high content of essential fatty acid and vitamins soluble in fats. Crude sunflower oil is used as a raw materials in the manufacture of animal feed, in quantities up to 5%.

Produced from selected sunflower seed in accordance with:

- Sunflower oil, crude (SRPS E.K2.020/1980)
 - Law regulations for health safety of subjects of general use („Sl. Glasnik RS“, br.92/2011).
 - Law regulations for ionizing radiation protection and nuclear safety (“Sl. glasnik RS”, br. 36/2009 i 93/2012)
 - Law regulations for GMO (“Sl. glasnik RS”, br. 41/2009) and
 - Law regulation for standardisation (“Sl. glasnik RS”, br. 36/2009).
1. **Product characteristics** are in accordance with Regulations: SRPS E.K2.020/1980 Sunflower oil, crude. Regulations for quality and other requests for edible oil and fats, margarine, mayonnaise and other similar products (Sl.list SCG, br. 23/06 i “Sl. Glasnik RS“, br. 43/2013)

SPECIFICATIONS

2. Product characteristics are in accordance with Regulations: SRPS E.K2.020/1980 Sunflower oil, crude. Regulations for quality and other requests for edible oil and fats, margarines, mayonnaise and other similar products (Sl.list SCG, br. 23/06 i “Sl. Glasnik RS“, br. 43/2013).

Identification parametars Limit Determining method

Relative density (20°C/water 20°C) 0,917-0,928 Denz itometric

Refraction index nD (40°C) 1,472-1,476 Refraktometric

Iodine number (gJ2/100g) 114-143 Jodometric titration

Saponification number (mgKOH/g oil) 189-195 Gravimetric



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Heavy-armature relay metal, pesticide and mycotoxin content is regulated according to Regulative for the maximum level of residues of pesticides in food and feed, and for food and feed in which are determined the maximum allowable amounts of residues of plant protection products (Sl.glasnik RS br. 29/2014 i 37/2014 - ispr. i 39/2014), European Regulation no. 396/2005 and Product standards GMP + BA1. Permissible metal, non-metal and specific foodstuff contaminant content.

4. The content of polycyclic aromatic hydrocarbons (PAHs) is regulated by Product Standards

GMP+BA1.

5. The content of C10 - C40 is regulated by Product Standards GMP+BA1. Quality standards Limit Determining method Colour of oil according to Lovibond 3 r and 30 y Lovibond

Free fatty acid (as oleinic) % (m/m) Max.3,0 Volumetric

Unsoap matter % (m/m) Max.1,5 Gravimetric

Water % (m/m) Max.0,30 KF titration

Flash point (°C) Min.225 Close cup

Total phosphor content % (m/m) Max.0,025 Spectrofometric

Heavy-armature relay metal Limit Determining method

Copper content (Cu) (mg/kg) Max.0,4 ICP/MS

Plumbum content (Pb) (mg/kg) Max.0,1 ICP/MS

Arsenic content (As) (mg/kg) Max.0,4 ICP/MS

Iron content (Fe) (mg/kg) Max.5,0 ICP/MS

The content of polycyclic aromatic hydrocarbons (PAHs)

(µg/kg) 15 50 GC/MS

The content of C10 - C40 Limit Determining method

The content of C10 - C40 (mg/kg) 1000 GC/MS



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6. The content of dioxins is regulated by Product Standards GMP+BA1.

The content of dioxins (ng/kg) 0.5 0.75 GC/MS

The content of dioxin-like PCBs (ng/kg) - 0.5 GC/MS

The content (sum) of dioxins and dioxin-like PCBs (ng/kg) - 1.5 GC/MS

7. Radionuklide content is regulated according to Regulative about limits for radioactive contamination of persons, working and life environment and decontamination methods ("Sl.glasnik RS",br.38/2011).

8. Microorganism content is regulated according to Guide for the application of microbiological criteria for

Foods (first edition June 2011) Chapter IV.

Microbiological characteristics Limit Determining method

Enterobacteriaceae (CFU / g) 0 Isolation and identification of Enterobacteriaceae

9. Genetic modification is regulated according to Law regulatives about identifying agricultural and food product generated from genetically modified organism (Sl. list SRJ, br. 6/03).

10. Packaging, Purchase and delivery

Packing material directly in contact with foodstuff is regulated according to Regulative about requirements for health safety of subjects for general use which can be released in goods traffic (Sl.list SFRJ, br. 26/83, 61/84, 56/86, 50/89 i 18/91).

Product code	Product name	Packaging
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20000000	Crude sunflower	oil bulk
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PACKAGING AND TRANSPORT

Packaging: Crude sunflower oil is packed and delivered in bulk in car tanks and wagon tanks. Product declaration contains data for qualitative identification of product.

Transport: Transport with safe and dry conditions, protected from extern influences.

Storage conditions: Storage in cool and dry place, protected from external influences.



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Durability: 12 months.

Minimum order = 23 MT

For more details, [Contact us](#)

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NOTE:

This product does not require a Material Safety Data Sheet. It is a food grade product which is intended for edible uses. It is not a health, safety or toxic hazard. This specification is provided for information purposes only and should not be relied upon as a basis for product performance. It is suggested that you evaluate the product on at least a laboratory basis prior to its commercial usage. NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A SPECIFIC USE OR PURPOSE, EXPRESS OR IMPLIED, ARE MADE. These specifications are not intended to and shall not be construed to be instructions or suggestions for use which may be patent rights.