



HEMPS SEED OIL SPECIFICATION

Hemps seed oil (edible oils , cold pressed)

Parameters	Specification Range
Transparency	Transparent liquid without sediment
Smell and taste	Smell and taste characteristic hemp seed oil, free from foreign smell and taste bitter
Color	Green, various concentrations
Moisture and volatile matter	≤0,15%
Acid number	≤2,3 mg KOH / 1g
Peroxide number,	≤10,0 ½ O mg / kg
Mass fraction of phosphorus-containing substances,	
- In terms of stearoleletsytyn	≤0,3%
Mass fraction of fat-free lean impurities	≤0,10%
The degree of transparency,	≤40 FEM
Flash point	≤225C°
-Aflatoksyn B1	≤0,005 mg / kg
- zearalenone	≤1,0 mg / kg
Microbiology	Value
The number of aerobic MO, flat co / d	not allowed
- Koliformy / g,	not allowed
- MO pathogens, including Salmonella / 25g	not allowed
- Koahulopozytyvni Staphylococcus / g	not allowed
- Mold fungi, flat co / d	not allowed
Mass fraction of heavy metals and pesticides:	
- Lead, mg / kg	≤0,1
- Cadmium, mg / kg	≤0,05



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- Arsenic, mg / kg	≤0,1
- Mercury, mg / kg	≤0,03
- Copper, mg / kg	≤0,5
- Zinc, mg / kg	≤5,0
- Iron mg / kg	≤5,0
- HHTSK gamma isomer mg / kg	≤0,05
- heptachlor mg / kg	not allowed
- DDT and its metabolites mg / kg	≤0,1

The content of cesium SS137, Bq / kg Not more than 100 Bq / kg
The content of strontium Sr90, Bq / kg Not more than 30 Bq / kg

FATTY ACIDE PROFILE (%)

C16:0 Palmitic	4.0 – 5.0
C18:0 Stearic	2.0 – 4.0
C18:1 Oleic	13.0 – 26.0
C18:2 Linoleic	35.0 – 65.0
C18:3 Alpha Linolenic	20.0- 29.0
C20:0 Arachidic	≤ 1.0

Storage:

Oils, packed in consumer packaging, store away from direct sunlight. At a temperature from 8°C - 20° C.

Shelf Life:

Shelf life in a sealed original packaging is 18 months from the date shown on the package. Recommended shelf life after opening the package, when stored in a place without direct sunlight - not more than 4 months within the total shelf life.



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