



ROSEHIP FRUIT OIL SPECIFICATION

Rosehip fruit oil (edible oils , cold pressed)
TU 10.4-37396500-001:2015 from 17.08.2015
INCI : ROSA CANINA FRUIT OIL
CAS# 84696-47-9 / 84603-93-0

Parameters	Specification Ranges
Transparency	Transparent liquid without sediment
Smell and taste	Smell and taste characteristic of oil rose, free from foreign smell and taste bitter
Color	Orange, various concentrations
Moisture and volatile matter	≤0,2%
Acid number	≤14,0 mg KOH / 1g
Peroxide number,	≤10,0 ½ O mg / kg
Mass fraction of phosphorus-containing substances,	≤0,4%
- In terms of stearoleletsytyn	
Mass fraction of fat-free lean impurities	≤0,05%
The degree of transparency,	≤40 FEM
Flash point	≤210C°
-Aflatoksyn B1	≤0,005 mg / kg
- zearalenone,	≤1,0 mg / kg



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

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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