



BIOENERGO – KOMPLEX, s.r.o.

## **Edible vegetable oil - Cold pressed rapeseed oil**

### **1.Composition of the product:**

	%
low erucic acid rapeseed oil cold pressed	100,00
additives	does not contain

### **2.Allergen content (even in trace amounts) :**

content in rapeseed oil

	content in rapeseed oil	
Cereals containing gluten (wheat, barley, rye, etc.)	does not contain	
Crustaceans and products thereof	does not contain	
Eggs and products thereof	does not contain	
Fish and products thereof	does not contain	
Peanuts and products thereof	does not contain	
Soybeans and products thereof	does not contain	
Milk and products thereof (including lactose)	does not contain	
Nuts and products thereof	does not contain	
Celery and products thereof	does not contain	
Mustard and products thereof	does not contain	
Sesame seeds and products thereof	does not contain	
Sulphur dioxide and sulphites	does not contain	
Lupin and products thereof	does not contain	
Molluscs and products thereof	does not contain	

### 3. Physico-chemical requirements:

(according to valid standards)

	units	
Acid value	mg KOH/g	max. 4.0
Water and volatile compounds content	%	max. 0.2
Peroxide value (at the beginning / end of minimum durability)	mEq of O <sub>2</sub> /kg	1.0 / 15.0
Iodine value	g J <sub>2</sub> /100 g	110 - 125
Content of unsaponifiable matter	g/kg	max. 1.0
Brassicasterol (of the total sterol content)	%	5 - 13
Specific gravity, density at 15°C	kg/m <sup>3</sup>	913 - 918
Saponification value	mg KOH/g	188 - 193
Arachidic acid	%	0.4 - 1.6
Linolenic acid	%	9.0 - 13.0
Oleic acid	%	45.0 - 63.0
Palmitic acid	%	4.0 - 5.5
Erucic acid	%	max. 2.0
Stearic acid	%	0.9 - 2.1
Behenic acid	%	0.2 - 0.6
Eicosenoic acid	%	1.0 - 2.0
Free fatty acids	%	max. 1.5
Impurities	%	max. 0.5
Color by color scale		max. 12

### 4. Nutrition declaration

	per 100 g
<b>Energy value</b>	3760 kJ/900 kcal
<b>Fat</b>	100.0 g
of which saturates	8.0 g
<b>Carbohydrate</b>	0 g
of which sugars	0 g
<b>Protein</b>	0 g
<b>Salt</b>	0 g
<b>Omega-6 fatty acids</b>	20.65 g
<b>Omega-3 fatty acids</b>	10.68 g

## 5. Microbiological requirements:

The product meets the requirements of valid Czech and EU legislation  
Microbiological requirements are in line with the limits recommended by FAO, WHO and Codex Alimentarius.

## 6. Contaminants :

The values of the contaminants are in accordance with the limits recommended by FAO, WHO and Codex Alimentarius. They do not exceed the maximum values required by laws and regulations according to valid EU and Czech legislation.

According to Regulation (EC) 1259/2011 as amended:

Lead	mg/kg	max. 0.1
Sum of dioxins	pg/g	max. 0.75
Sum of dioxins and dioxin-like PCBs	pg/g	max. 1.25
Sum of PCB28,PCB52,PCB101,PCB138,PCB153 a PCB 180	ng/g	max. 40.0
Benzo(a)pyrene	µg/kg	max. 2.0
Sum of benzo(a)pyrene,benzo(a)anthracene,benzo(b)fluoranthene and chrysene	µg/kg	max. 10.0
Erucic acid	%	max. 2.0

## 7. Storage conditions and durability:

The product is stored in dry, clean and covered warehouses protected from direct sunlight at temperatures up to 20 ° C.

The minimum shelf life is 12 months from the date of manufacture (from the date of delivery - tanks, contain

## 8. Conditions for transport:

Both transport and packaging must meet all hygienic requirements for food.

Transport is done in closed, clean and dry vehicles intended for the transport of foodstuffs, odorless and free of warehouse pests.

The type of transport, packaging and labeling of the packaging shall be determined by agreement between t

Packaging: free - tanks, IBC containers, 10 L and 5 L PE cans, 1 L PET bottle, 3 L - 20 L bag in box, glass bottle.

## 9. Other important information:

### Hygiene:

The production, processing, storage and transport of raw materials is in line with Codex Alimentarius and with the requirements recommended by the international guidelines on fundamental principles and req for food hygiene.

Raw material does not contain any pests such as insects, larvae or eggs, rodents and spores, feces or off-flavours.

The raw material does not contain any toxic or harmful substances in an amount that would constitute a thr

### Disinfection:

The raw material meets the requirements for maximum pesticide residue levels, veterinary medicinal produ according to the relevant provisions and limits stated in the generally binding standards, the laws and regulations in force in the Czech Republic.

### Without genetically modified raw material (GMO free)

The supplier declares that the raw material is not made from genetically modified varieties (GMO free).

### Irradiation of raw material

The supplier confirms that the raw material is not radiation treated (UV, ionizing).

### Microbiological requirements

The product meets the quality and health requirements of the Czech and EU legislation.

stamp and signature





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:he supplier and the customer.

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eat to human health.

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