

**Product:**

**Organic Tigernuts Oil**  
*Cyperus Esculentus Root Oil*

**Description:**

*Appearance* Liquid  
*Colour* Yellow  
*Smell* Tiger nut  
*Taste* Sweet



**Ingredients:**

100% Organic tiger nuts (Cyperus Esculentus).

**Origin:**

West Africa: Niger or Burkina Faso.

**Manufacture:**

Spain.

**Packaging:**

*Format* Bottles HDPE.  
*Net weight* 23 kg, 1000 ml and 250 ml.  
*Format* Cristal bottles (12 units/box).  
*Net weight* 250 ml.

**Uses and applications:**

For cosmetic use.  
*EU Novel Food Approval Pending.*

**Shelf life:**

10 months once opened.

**Storing:**

Keep in a dry and fresh place.  
Storage recommended at a temperature between 10 °C - 18 °C.

**Certification:**

**BIO:** *IMO Switzerland // Ecocert // CAECV.*



ES-ECO-020-CV  
Non-EU Agriculture

**Nutritional Facts**

Nutritional Facts 14 g - 1Tbsp	
Energy (kcal)	130 kcal
Energy (kJ)	544,284 kJ
Carbohydrate	0 g
Fat	14 g
Cholesterol	0 g
Sugars	0 g
Sodium	<5 mg
Fiber	0 g
Protein	0 g

Chemical characterization	
Acidity	0.53%
Free fatty acid value (%)	0.5%
Peroxide alue (meq/Kg)	1.45 meq/Kg
Saponification value	189.2
K270	0.22
Density	0.9125 g/ml

Fatty acids per GC (%)	
Ministic	0.12
Palmitic	15.39
Palmitoleic	0.41
Margaric	0.08
Margaroleic	0.06
Estearic	4.49
Oleic	64.48
Linoleic	12.83
Linolenic	0.18
Araquic	0.52
Gadoleic	0.18
Behenic	0.10

Antioxidants (Vitamins E)	
Alfa- tocopherol	16.10mg/100g
Delta- tocopherol	<50 mg/100g
Gamma- tocopherol	31.30 mg/100g

#### Limits established

Microbiological Limits	
Salmonella	Negative
E. Coli	Negative
Yeast & Mould	Negative
Enterobacteriaceae	Negative
Aerobic mesophile	Negative
Stephylococcus aureus	Negative

Heavy Metal Limits	
Cadmium	<0.10 mg/kg
Mercury	<0.10 mg/kg
Lead	<0.10 mg/kg
Arsenic	<0.10 mg/kg

Micotoxin Limits	
Aflatoxins	<1µm/kg
Aflatoxin B1	<1µm/kg
Ocratoxin	<3 µm/kg