
	PRODUCT SPECIFICATION	
Item code 754/004/0025 754/004/1000	PRODUCT SUNFLOWER LINOLEIC OIL DEODORIZED	Controlbody at origin BIOS

1) GENERAL DESCRIPTION



Product	Vegetable oil obtained through the process of the sunflower seeds
Origin	EU

2) NUTRITIONAL VALUES in 100 g (Average values - Source: Supplier)

Energy value	3700 kj 900 kcal
Carbohydrate	0 g
• Sugar	0 g
Protein	0 g
Fats	100 g
• Monounsaturated fat	27 g
• Polyunsaturated fat	61 g
• Saturated	12 g
• Ω3	0,2 g
• Ω6	61 g
• Ω9	27 g
Sodium	0 mg
Dietary fibre	0 g
Total sterols	0,17 – 0,52 g
• cholesterol	0,3 mg

3) CARATTERISTICHE CHIMICO-FISICHE

Appearance	Characteristic, typical
Smell	Characteristic, no off smell
Taste	Characteristic, no off taste
Heavy metals	Pb <0,1 mg/kg; Cd < 0,1 mg/kg; As < 0,1 mg/kg; Cu < 0,1 mg/kg; Fe < 1,5 mg/kg
Pesticides	< 0,010 mg/kg come da reg. CE 834/2007 e 889/2008
Dioxines and PCB	Sum of dioxines < 0,75 pg/gr Sum of PCBs dioxins-like < 1,25 pg/gr
Benzo(a)pyren	< 2,0 µg/kg
Sum of Benzo(a)pyren, benzo(a)anthracen, benzo(b)fluoranten e Crysen	< 10,0 µg/kg
FFA Oleic acid	< 0,3%
FFA Oleic acid (at loading time)	max 0,1%
FFA Oleic acid (during shelf life)	max 0,3% at storage conditions (cfr point 6)
Peroxides (at loading time)	< 1 meqO2/kg
Iodine nr	118 – 141
Smoke point	Min 200°C

	PRODUCT SPECIFICATION	
Item code 754/004/0025 754/004/1000	PRODUCT SUNFLOWER LINOLEIC OIL DEODORIZED	Controlbody at origin BIOS

Typical FA composition

Lauric	n.d. – 0,10%
Miristic	n.d – 0,20%
Palmitic	5 – 7,6%
Palmitoleic	n.d. – 0,30%
Eptadecanoic o Margaric	n.d. - 0,20%
Eptadecenoic	n.d. - 0,10%
Stearic	2,7% - 6,5%
Oleic	14,0 - 39,4%
Linoleic	48,3% - 74,0%
Linolenic	n.d. - 0,3%
Arachidic	0,1% - 0,5%
Eicosenoic	n.d. - 0,3%
Behenic	0,3% - 1,5%
Erucic	n.d. - 0,1%
Lignoceric	n.d. - 0,5%
Trans oleic	n.d. - 0,1%
Σtrans C18:2+C18:3	n.d. - 0,2%

4) MICROBIOLOGICAL PARAMETERS



Total plate count	≤ 10.000 ufc/g
Moulds and Yeasts	< 100 ufc/g
Salmonella	Absent
E. Coli	Absent
Enterobacteriaceae	Absent

5) BIOLOGICAL PARAMETERS

GMO	Absent
-----	--------

6) CERTIFICATIONS

Organic agriculture	Yes
NOP	Yes
Bio Suisse	
JAS	
Kosher	
BRC	

	PRODUCT SPECIFICATION	
Item code 754/004/0025 754/004/1000	PRODUCT SUNFLOWER LINOLEIC OIL DEODORIZED	Controlbody at origin BIOS

7) STORAGE AND TRANSPORT CONDITION

Storage	Store in a cool and dry place. Protect from humidity, heat and source of possible cross contamination.
Notes	Product stored in dedicated warehouse with controlled temperature

8) PACKAGING AND SHELF LIFE



Packaging	IBC Pail
Net content	IBC: 1.000L – 920 kg Pail 25L – 23 kg
Shelf -life	Best before date within 12 months from the production

9) SAFETY MEASURES

CAS registry number	N.A.
Safety data sheet provided	No
Legislation reference	Reg. CE 1272/2008 does not state any safety measures for this type of product
Active ingredient	None
Hazard statements	None
Prevention precautionary statements	None

10) REFERENCE LEGISLATION

- Regulation (EC) No. 834/2007 “Production and labelling of organic products”
- Regulation (EC) No. 852/2004 “Hygiene of food products”
- Regulation (EC) No. 1169/2011 “Provision of food information to consumers”
- Regulation (EC) No. 1935/2004 “Food Contact Materials”
- Regulation (EC) No. 1881/2006 “Maximum levels of certain contaminants in food products”

	PRODUCT SPECIFICATION	
Item code 754/004/0025 754/004/1000	PRODUCT SUNFLOWER LINOLEIC OIL DEODORIZED	Controlbody at origin BIOS

11) ALLERGENS

Allergens	Existing inside the product	Existing in the production line	Existing in the storage place	Existing risk of contamination
Cereals containing gluten: wheat, rye, barley, oat, spelt, khorasan and derived products	NO	NO	YES	NO
Shellfish and derived products	NO	NO	NO	NO
Molluscs and derived products	NO	NO	NO	NO
Eggs and derived products	NO	NO	NO	NO
Fish and derived products	NO	NO	NO	NO
Peanuts and derived products	NO	NO	NO	NO
Soy and derived products	NO	NO	YES	NO
Lupin and derived products	NO	NO	YES	NO
Milk and derived products (included lactose)	NO	NO	NO	NO
Fruit with shell: almonds (<i>Amigdalus communis L.</i>), hazelnuts (<i>Corylus avellana</i>), walnuts (<i>Juglans regia</i>), cashew nuts (<i>Anacardium occidentale</i>), pecan nuts [<i>Carya illinoensis (Wangenh) K.Koch</i>], Brasile nuts (<i>Bertollethia excelsia</i>), pistachio (<i>Pistacia vera</i>), Macadamia nuts (<i>Macadamia ternifolia</i>) and derived products	NO	NO	YES	NO
Celery and derived products	NO	NO	YES	NO
Mustard and derived products	NO	NO	YES	NO
Sesame seeds and derived products	NO	NO	YES	NO
Sulphur dioxide and sulphites up to 10 mg/kg or 10 mg/l as SO ₂	NO	NO	NO	NO

Editing	Control	Approval	Last revision
March 2017	January 2020	January 2020	April 2020