

	Product data sheet Organic lupine oil	Page 1 von 3 PD 10301-00
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Organic lupine oil

Item code: 10301

Product description

Oil extracted from the organic seeds of the blue sweet lupine (*Lupinus angustifolius*) by CO₂ extraction.

Sensors

Color: yellowish to brownish, oily-clear
Texture: generic, viscous, oily
Smell: oily, grassy / nutty
Taste: grassy, beany, bitter

Microbiological specification

Aerobic mesophilic count	< 10 ³ CFU / g
Yeasts and mould	< 10 ² CFU / g
Enterobacteriaceae	< 10 ³ CFU / g
E.coli	< 10 CFU / g
Salmonella	absent in 25 g
Listeria monocytogenes	< 10 ² CFU / g
Coagulase positive staphylococci	< 10 ² CFU / g

Nutritional information

Vegetarian Yes
Vegan Yes
Organic Yes

Physico-chemical quality criteria

Anisidine value	2.3
Peroxide value	2.1 meqO ₂ / kg
Acid value	3.2 mg KOH / g
Totox value	5.0
Tocopherols	85.6 mg / 100 g
Smoke point	179 °C
Density	0.92 g / cm ³
Beta-carotene	16.4 mg / 100 g
Alkaloids	0.04 mg / kg
Pesticides	not detectable

Minerals	Calcium	92 mg / kg
	Iron	1.5 mg / kg
	Copper	< 0.5 mg / kg
	Magnesium	23 mg / kg
	Phosphor	2.3 mg / kg
	Sodium	7.1 mg / kg
	Vitamins	Vitamin A
Vitamin E		186.7 µg / 100 g
Vitamin K		35.46 µg / 100 g
Fatty acids	Saturates	19.5 %
	Monounsaturated	35.5 %
	polyunsaturated	45.0 %
	Trans fatty acids	0.1 %
	Free fatty acids	1.8 %
Spectrum	6:0	0.11 %
	8:0	0.21 %
	14:0	0.27 %
	16:0	11.07 %
	18:0	4.62 %
	cis 18:1 n9	30.13 %
	cis 18:2 n6	47.85 %
	cis 18:3 n6	0.71 %
	cis 18:3 n3	5.02 %

Storage / EXP

Storage conditions: Unopened at under 20 °C, dark

Remaining shelf life: 180 days

Packaging

1000 l IBC-Container with HDPE-box inside and stillage. With crew cap, tap and firmly integrated four-sided retractable PE pallet (black, includes wooden parts).

Weights

Volume / Piece	1000 l
Net weight / Piece	920 kg
Gross weight / Piece	985 kg
Net weight packaging / Piece	65 kg
Gross weight / Unit	-
Net weight / Unit	-
Gross weight / Pallet	985 kg
Net weight / Pallet	920 kg

Pallet packing

Layer	-
Piece per layer	1
Piece total	1

Size

Piece (LxWxH)	120 x 100 x 117 cm
Pallet (LxWxH)	120 x 100 x 117 cm

Allergenic statement

The product contains LUPINE corresponding to appendix 2 of the European Food Information Regulation No. 1169/2011.

GMO-Clarification

It is confirmed that the product does not contain or consist of genetically modified organisms (GMOs) in accordance with Regulation (EC) 1829/2003 and (EC) 1830/2003. It also contains no ingredients that are made from GMOs.

Other information

Tax rate	7 %
Country of origin	Germany
Organic control authority	DE-ÖKO-006