

GENERAL

Product Name	Agricultural Species, Variety Name	Country of Origin	No of Food Business Operators Register	BRC site code	Name of Organic Control Body, Code	No of Organic Certificate	FDA Facility Registration No
Eu Organic Hemp Flour	<i>Cannabis sativa</i> , Finola	Lithuania, EU	520001563	1988604	"Ekoagros", LT-EKO-001	SER-K-17-01051	10434334990

NUTRITION DECLARATION

per 100 g of product

energy, kJ / kcal	1235 / 299
fat	9,5 – 10,5 g
of which	
- saturates	0,9 – 1,3 g
- mono-unsaturated	0,8 – 1,2 g
- polyunsaturated	7,5 – 10,2 g
carbohydrate	54,1-57,2 g
of which	
- sugars	1,8-2,4 g
- fiber	46,3–53,2 g
protein	20,1–27,2 g
salt	0,02 g
vitamin A	40 - 60 µg
vitamin D	5 - 8 µg
Vitamin E	1,5 - 3 mg

FATTY ACIDS

per 100 g of total fat

omega-3 acids	19,71 %
omega-6 acids	59,80 %
omega-9 acids	9,15 %
C 18:1 oleic acid (cis isomer)	9,15 %
C 18:2 linoleic acid	55,70 %
C 18:3 alfa-linolenic acid	19,71 %
C 18:3 gamma-linolenic acid	4,09 %
C 20:1 gadoleinic acid	n.d.
C 20:2 eicosadienoic acid	n.d.
C 20:3 eicosatrienic acid	n.d.
C 20:4 arachidonic acid	n.d.
C 20:5 eicosapentaenoic acid	n.d.
C 22:6 docosahexaenoic acid	n.d.
C 22:1 erucic acid	n.d.
C 22:2 docosadeinoic acid	n.d.

NUTRITION AND HEALTH CLAIMS MADE ON PRODUCT

according to (EC) No 1924/2006 and (EU) No 432/2012

Product is: 1) **Low in sugar**, 2) **Very low in salt**, 3) **High in fiber**, 4) **High in protein**, 5) **High in vitamin D**, 6) **Source of vitamin E**, 7) **Source of omega-3 fatty acids**, 8) **High in unsaturated fat**.

- Protein contributes to a growth in muscle mass and the maintenance of muscle mass and normal bones.
- Alpha-linolenic acid / Linoleic acid contributes to the maintenance of normal blood cholesterol levels [The beneficial effect is obtained with a daily intake of: 2 g of ALA / 10 g of LA; MUFA and PUFA are unsaturated fats].
- Reducing consumption of sodium contributes to the maintenance of normal blood pressure.
- Vitamin D contributes to normal absorption/utilization of calcium and phosphorus, normal blood calcium levels, the normal function of the immune system, the maintenance of normal bones, muscle function and normal teeth and it has a role in the process of cell division.
- Vitamin E contributes to the protection of cells from oxidative stress.

PRODUCT PRODUCTION

The initially purified, dried, and pasteurized organic hemp seeds are cold pressed. Because this concerns cold pressing, the outflow temperature is max. 40 °C. After oil is extracted, cold press-cake is mechanically grinded and sieved (500 µm of grind) for finest particles. No thermal or chemical treatment involved. Produced in the Lithuania from 100 % hemp seeds organically grown in the Baltic States (Lithuania, Latvia, Estonia) without using any herbicides and pesticides or mineral manure. Test Samples of Metal Detector are: ø 2.0 mm ferromagnetic, ø 2.0 mm non-ferrous, ø 3.0 mm SS.

PRODUCT PACKAGING

Packaging Unit	1 × 20 kg
Gross Weight of Bag	not available
Packaging Type	vacuum sealed plastic bags filled with nitrogen gas, bags made from UV-protective food packaging material
Packaging measurement	not available
Packaging Units per Pallet	not available
Pallet Type and Size	euro standard, 1200×800

MICROBIOLOGICAL MAXIMUM LEVELS

Criterion	Result	Unit
Aerobic Plate Count 30°C*	<3*10 ⁵	cfu/g
Anaerobic Sulphite Reducing Bacteria 37°C*	<10 ⁴	cfu/g
Coliforms 30°C*	<10 ³	cfu/g
Escherichia coli 44°C*	n.d. (<10)	cfu/g
Moulds 25°C*	<10 ⁴	cfu/g
Yeast 25°C*	<10 ⁴	cfu/g
Coagulase positive Staphylococcus 37°C*	<10 ²	cfu/g
Presumptive Bacillus cereus 30°C*	<10	cfu/g
Salmonella*	n.d.	/125 g
Enterobacteriaceae 37°C*	<10 ⁴	cfu/g

FOREIGN MATTER MAXIMUM LEVEL AND MESH SIZE

Criterion	Result	Unit
Magnetic impurities	0	%
Foreign matter	0	%
Mesh size of product	250 - 500	µm

PRODUCT DESCRIPTION AND VARIATION

Grey-dark green powder, characteristic fresh, nutty flavour and aroma. This is an agricultural product; therefore, some batch variation may occur in: colour, flavour, odour, appearance or composition, reflecting growing conditions and seasonal variation.

CHEMICAL/PHYSICAL MAXIMUM LEVELS

Criterion	Result	Unit
Moisture*	<8	%
Tetrahydrocannabinol (THC)*	<5	mg/kg
Gluten*	<20	mg/kg
Pesticides**	n.d. (<0,01)	mg/kg
Heavy Metals**, (EC) No 1881/2006	Lead (Pb)	<0,20 mg/kg
	Cadmium (Cd)	<0,20 mg/kg
	Mercury (Hg)	<0,10 mg/kg
PAH's**, (EC) No 1881/2006	Benzo(a)pyrene	<2 µg/kg
	Sum PAH4	<10 µg/kg
Acid value** (Codex Stan 19-1981)	<4	mg KOH/g
Peroxide value** (Codex Stan 19-1981)	<15	meqO ₂ /kg
Free Fatty Acids**	as lauric acid	<2 %
	as oleic acid	<2 %
	as palmitic acid	<2 %
Mycotoxins** (EC) No 1881/2006	B ₁	<2 µg/kg
	Sum of B ₁ , B ₂ , G ₁ and G ₂	<4 µg/kg
	Ochratoxin A	<3 µg/kg
	Deoxynivalenol	<750 µg/kg

* CoA available for Product; ** CoA available for Raw Material.

DECLARATION

Allergen	GMO	Irradiated	Shelf-life	Food Contact Materials	Country of Origin (COO)	Consumer
Free from all allergens or risk of allergen cross-contamination as per (EU) No 1169/2011.	Product is not genetically modified and does not contain any genetically modified material.	Product is not irradiated.	16 months in unopened original packaging maintained under correct storage and transportation conditions. Unsuitable for use after expiry date	Compliant with EU Regulation (EC) 1935/2004	COO testing in the Eurofins lab upon request (Raw Materials only)	Not suitable for baby food.

REQUIREMENTS FOR STORAGE AND TRANSPORTATION

Product should be stored at temperature less than 20 °C, dry, dark conditions away from direct light. Clean truck, food grade, in closed and save packaging units.