

PRODUCT SPECIFICATION EXPERIMENTAL *

Name	Oat protein	Packing size, kg	15 kg bag
Product code	KOPGen	Packing dimensions	850 x 500 x 160 mm
		Packing material	Kraft paper with LDPE tube

DESCRIPTION

Oat-based powder, rich in protein and fibre, low in starch.
Ready to use.

DECLARATION

Oat protein or oat protein powder

INGREDIENTS

Oats

PHYSICAL AND CHEMICAL QUALITY

Quality-inspected values:

Appearance	Free-flowing powder
Colour	Cream to tan
Odour	Neutral, typical oats odour
Protein	38 % ds ± 6,0 (N x 6,25)
Moisture	5,0 % ± 2,0

Typical values:

Ash, crude	5,1 %
Particle size**	< 200 µm 100 %
	< 150 µm 97 %
	< 50 µm 66 %
	< 10 µm 16 %
Specific weight	416 g/L

**analyzed with lazer diffraction

NUTRITIONAL VALUE

Typical nutritional values per 100 g of product as is:

Energy	1600 kJ / 380 kcal
Fat	12 g
of which saturated fats	2,3 g
Carbohydrates	16
of which sugars	8,9 g
of which starch	4,1 g
Dietary fiber	24 g
of which insoluble	19 g
of which soluble	4,5 g
of which β-glucan	4,4 g
Protein	36 g
Salt	0,12 g

MICROBIOLOGY

	max. level
Aerobic plate count	< 100 000 cfu/g
Enterobacteriaceae & E. coli	< 100 cfu/g
Bacillus cereus	≤ 1000 cfu/g
Yeasts & moulds	< 100 cfu/g
Coag. pos. staphylococcus	< 10 cfu/g
Salmonella	not detected / 25 g
Listeria monocytogenes	not detected / 25 g

ALLERGENS

Allergens according to the EU legislation 1169/2011:

Contains as an ingredient

Free from

Oats

Crustaceans, fish, milk, egg, soya, peanuts, nuts**, sesame, celery, mustard, sulphur dioxide and sulphites, lupin, molluscs

**Namely: almonds (*Amygdalus communis* L.), hazelnuts (*Corylus avellana*), walnuts (*Juglans regia*), cashews (*Anacardium occidentale*), pecan nuts (*Carya illinoensis* (Wangenh.) K. Koch), Brazil nuts (*Bertholletia excelsa*), pistachio nuts (*Pistacia vera*), macadamia or Queensland nuts (*Macadamia ternifolia*)

STORAGE

Storage conditions	Cool, dry area away from sunlight in the original package
Shelf life	6 months from the date of manufacture when stored as described above

OTHER

Country of origin	Finland
Product safety	Not hazardous
Toxins, heavy metals and pesticides	According to the EU legislations 915/2023 and 396/2005
GMO	GMO free according to the EU legislation 1829/2003
Ionization	The product is not treated with ionizing irradiation.
Other	Upcycled product. Variation possible depending on crop quality and process history. Suitable for vegan diets.
Updated	16.1.2024

*Microbiology, shelf-life and protein under continuous batch investigation, and subject to updates.