

## OAT (IN WHOLE FLAKES)

NCM: 1104.12.00

### ABOUT THE PRODUCT

Oat (*Avena sativa* L.) in whole flakes obtained by cleaning, peeling, heat treatment and flocking. 100% whole. Vegetable origin.



### PURPOSES OF USE

Applicable to food products in general. Suitable for Kosher, Halal and non-GMO certification. Unintentional use: consumption by people allergic to gluten. Not recommended for celiacs.

### CHARACTERISTICS

Item	Description
Aspect	Whole grain oat flakes. Free of lumps, insects contamination and foreign matter
Odor	Typical oat odor, without any strange odor
Flavor	Typical oat flavor, no sour, moldy or stale flavors
Color	Light beige
Texture	Typical oat texture

Parameter	Level	Parameter	Level
Moisture	Max. 11,5%	$\beta$ -glucan soluble fiber	Min. 3,0%
Proteins	Min. 13,0%	Enzymatic activity	Inactive
Lipids	Max. 9,0%	Water activity	0,3-0,4
Ashes	Max. 2,0%	Density	450-500 g/L
Total dietary fiber	Max. 4,0%	Thickness	0,80-0,90 mm
Density	Min. 9,0%	Water absorption (50g sample)	Min. 40 g

Foreign Matters	Tolerance	Screen	Level (% retained)
Sand	Max. 1,5%	Tyler 4 (aperture 4,75 mm)	Min. 3 and max. 30
Mites	Maximum of 5% on analyzed rate	Tyler 8 (aperture 2,36 mm)	Min. 70 and max. 97
		Depth/bottom	Max. 10

\*RDC n° 14 of March 28, 2014 - ANVISA.

Metals	Level	Microorganism	Level
Arsenic (As)	$\leq 0,3$ mg/kg	Bacillus Cereus	Max. $1 \times 10^3$ UFC/g
Cadmium (Cd)	$\leq 0,1$ mg/kg	Escherichia Coli	Max. $1 \times 10^2$ UFC/g
Lead (Pb)	$\leq 0,2$ mg/kg	Salmonella	Lack/25 g

\*According to RDC No. 487/2021 and IN No. 88/2021.

\*According to RDC No. 331/2019 and IN No. 60/2019.

Mycotoxins	Unity	Level
Aflatoxin (AFB1, AFB2, AFG1, AFG2)	ppb	$\leq 5$
Deoxynivalenol (DON)	ppb	$\leq 1000$
Ochratoxin (OTA)	ppb	$\leq 10$
Zearalenone (ZEA)	ppb	$\leq 100$

\*According to RDC No. 487/2021 and IN No. 88/2021.

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### NUTRITIONAL INFORMATION (Portion of 100g)

Item	Amount per serving		%DV(*)
Energetic value	340	kcal 1421 kJ	17%
Carbohydrates	55	g	18%
Proteins	16	g	22%
Total fat	5,9	g	11%
Saturated fat	1,3	g	6%
Trans fat	0	g	-
Dietary fiber	10	g	40%
Beta glucan	4,0	g	-
Sodium	4,0	mg	0%

\*Daily Values based on a 2000 kcal or 8400 kJ diet. Important to notice that daily values may be higher or lower depending on energetic needs.

### STORAGE

The product must be stored in closed packaging, protected from moisture, light, heat, insects and rodents, at temperatures below 35°C.

### LABELING

Other food safety information is available in the lot analysis report.

### SUPPLY

Tripe layer kraft paper bags and polypropylene tote bags.

### TRANSPORTATION

Transportation must be carried out in clean vehicles, which must be closed (trunk or canvas) and protected from moisture. It must not be transported with other materials that can contaminate the product.

### ADDITIONAL INFORMATION

Product exempt from registration in accordance with Resolution No. 27 of the Collegiate Board of Directors of the Brazilian National Health Surveillance Agency - ANVISA (2010).



### SUBMIT A BUDGET REQUEST

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