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HAZELNUTS

DEFINITIONS

- Raw hazelnuts: Product obtained from the seeds of the fruit of Corylus avellana, previously shelled, subjected to the action of steam and hot water for the removal of the seed coat.
- Whole roasted blanched hazelnuts: Product obtained from the seeds of the fruit of Corylus avellana, previously shelled, subjected to the action of steam and hot water for the removal of the seed coat, roasted and blanched.
- Roasted blanched diced hazelnuts: Product obtained from the seeds of the fruit of Corylus avellana, previously shelled, subjected to the action of steam and hot water for the removal of the seed coat, roasted, blanched and then chopped.

GENERAL ORGANOLEPTIC CHARACTERISTICS:

Quality requirements:

- the product must be from the last crop;
- the product must be white, free of stains, dry, clean, free of odor and / or taste, in particular musty, rancid, of "oiled", by fermentation, and so on.

Chemical and physical requirements:

•	Moisture	max 6.0%
•	Fat	60-65%
•	Proteins	10-15%
•	Reducing sugars	< 1%
•	N° of peroxides (on the extracted fat meq 0.2/kg.)	max 5
•	Aflatoxin B1 (products for the human direct consumption)	$< 2\mu g/Kg$
•	Aflatoxin $B1 + B2 + G1 + G2$	$<4\mu g/Kg$

Hygienic and microbiological characteristics:

The product must be:

• free from insects and their larvae and other vermin alive or dead;





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- free from mold, even in traces, as well as pathogenic microorganisms and their works (afla / mycotoxins and toxic metabolites);
- free from pesticide residues: the highest permissible limit shall not in any case exceed the limits provided for by law;
- free from foreign objects and ferrous metals;
- conforms to the EU directive on allergens (EC Directive 2000/13 / EEC 10/11/2013).

The product must meet the following microbiological requirements in accordance with the contract of sale:

•	Bacterial count at 32°C	< 100.000 ufc/g
•	Fungal count	< 200 microgermi/g
•	Escherichia Coli (Reg. CE n. 2073/2005)	< 1000 UFC/g
•	Salmonella	absent in 25 g
•	Staphylococcus aureus	absent in 1 g
•	Bacillus cereus	< 1000 UFC/g
•	Listeria monocytogenes	absent in 25 g

Confezionamento

Polypropylene bags or cartons (hazelnuts kernels).

Polypropylene bags in vacuum, contained in cartons to ensure content protection (roasted blanched hazelnuts and roasted blanched diced hazelnuts).

Conservation

12 months in a cool, dry place away from heat and moisture, in the original packaging.