



MOLINO NICOLI S.p.A.

Stabilimento e Amministrazione:
24060 Costa di Mezzate (BG)
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Sede Legale:
24060 Costa di Mezzate - Via Locatelli n. 6
Cap. Sociale € 516.000,00 i.v.
Reg. Soc. Tribunale di Bergamo 21551
C.C.I.A. BG 205425 - M Export 124598
C.F. 00887670065 - P.I. 01416940169

**TECHNICAL DATA SHEET OF
TRADITIONAL CORN FLAKES
WITH VITAMINS AND IRON ADDED GLUTEN FREE**

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TRADITIONAL CORN FLAKES
WITH VITAMINS AND IRON ADDED GLUTEN FREE

1. NAME

Traditional flakes of corn with vitamins and iron added gluten free.

2. COMPOSITION

The product is constituted of

Hominy gritz of corn	95,20 %
Sugar	3,70 %
Salt	1,00 %
Vitamins	0,07 %
	(B1, B2, B3, B5, B6, B9, B12)
Iron	0,03 %

3. MIDDLE NUTRITIONAL VALUE per 100 g of product

Energy	370 kcal – 1570 kJ
Proteins	7,3 g
Carbohydrates	81,0 g
of which sugars	6,5 g
Fats	1,0 g
of which saturated fats	0,3 g
Food fiber	4,0 g
Sodium	0,5 g
Vitamin B1	1,2 mg (109 % RDA)



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Vitamin B2	1,35 mg	(96 % RDA)
Vitamin B3	17,3 mg	(108 % RDA)
Vitamin B5	4,8 mg	(80 % RDA)
Vitamin B6	1,7 mg	(121 % RDA)
Vitamin B9	190 mcg	(95 % RDA)
Vitamin B12	0,80 mcg	(32 % RDA)
Iron	7,0 mg	(50 % RDA)

4. CHEMICAL – PHYSICAL CHARACTERISTICS

4.1 CHEMICAL CHARACTERISTICS AND COMPOSITION

- Moisture < 5,0 %
- DNA genetically modify Absent (tolerance of the 0,1% for accidentals contamination)
- Nutritional Value follows the Health Ministry circular n. 7 dated 30/10/2002 and subsequent modification.
- Residual of pesticides products within the limited forecast from the Ministry decree dated 27/08/2004 and subsequent modifications.
- Gluten < 20 ppm

4.2 PHYSICAL CHARACTERISTICS

-Imperfections:	Double fakes	<10%
	Burnt Flakes	<1%
	No blister flakes	<30%
- Specific weight		120-145 g/l
- Dust on the sieve from 1.500 microns		< 3,0%

4.3 MICROBIOLOGICAL CHARACTERISTICS

- Pathogens microorganism Absent
- CMT < 10E3 ufc/g
- Yeast and mould < 10E2 ufc/g
- Coliforms < 10E2 ufc/g



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- Filth test follow the method AOAC 972.32 and relative tolerance (Food and Drugs Administration)
- Mycotoxins and heavy metals within the limited forecast from the Reg. CE n. 1881/2006 dated 19/12/2006 and subsequent modifications.
- Extraneous bodies and infestations Absent

4.4 SENSORIAL CHARACTERISTICS

- Appearance Round-oval flakes with little blister distribute in a regular way on all the surface; yellow gold colour intense and uniform
- Odour and taste Typical of the toasted corn sweet palatable.
- Consistence Friable and crisp flakes.

5. PRODUCTIVE PROCESS

The hominy gritz of corn is cooked with steam and water in traditional autoclaves; then the product is dry, fall in flakes and toasted; the corn flakes are stored inside big bags looking the packaging.

6. SHELF LIFE, LOT AND EXPIRY

The product correctly conserved in a whole package in a fresh and dry place has a shelf life of 18 months (if in white opaque bag + printed box).

The production lot is identify from the expiry date printed on the box in the follows way dd/mm/yy

7. FORMAT AND PACKAGING MATERIAL

The Corn Flakes are packaging in the follows unit of sale:

TYPE OF PACKAGES	FORMAT
White opaque bag + printed box	300 g