



SPECIFICATIONS OF FOODSTUFF

HIGH QUALITY TENDER WHEAT FLOUR

TIPOLOGY



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Rev. 04
Gen. 2021
Pag. 1

La Farina di Napoli



Pizzeria



SPECIFICATIONS OF FOODSTUFF

GENERAL DATA

Declaration

Wheat flour is the product obtained by grinding and consequent sifting of soft wheat freed from foreign substances and impurities.

Tender Wheat Flour

Rif. Law D.P.R. 5 /032013, n. 41
Rif. Law DPR 09/02/2001, n. 187
Law 04/07/67 n.580
Reg. (UE) N. 97/2010; Disciplinary Mipaf_24.05.04

Packaging

Sacks : multicoupled cellulose according to of the enforced alimentary norm
Europallet -

First Matter

Tender Wheat (*Triticum aestivum*)

Finished product



Tender Wheat Flour Tipo "00"

It is produced by the selection of the best grains, to respond to the traditional **Neapolitan pizza** and the demanding technical **pizzaiuoli**. Gluten high quality and elasticità for bodies with good grip, soft and extensible. Furthermore, its qualitative properties of the finished products give a **unique flavor and typical**.

Product Certified by **DNV ITALY** – **TECHNICAL FILE** STP STD product.

Type: "**Soft wheat flour type 00 Pizzeria**" **Standard Uni 10791:1998**

Ideal for processing and realization of the "**Pizza Napoletana STG**" Disciplinary Mipaf_24.05.04.

Product conforms to the type of flour: "Wheat flour type 00" provided by the **PRODUCTION NEAPOLITAN STG COUNCIL** REGULATION (UE) N. 97/2010 EU COMMISSION of 4 february 2010 Register of **Traditional Specialities Guaranteed**.



Food preservation



Temperature storage (cool, dry, ventilated and not exposed to direct sun light)

optimum: **20÷24 °C** 68÷76 °F



Umidity p/p MAXIMUM

15,50 %

RHEOLOGICAL PROPERTIES



CONTROLS



Alveogramma
Chopin

Bread making index

W: 260÷280

Elasticity **P/L: 0,50÷0,60**

LABORATORY
CHEMICAL
RHEOLOGY
(Internal Lab)



Farinogramma
Brabender

Absorption: **58÷60**

Stability: **8'÷ 10'**

Hagberg index: **40÷60**

Growth: **2'50"÷ 3'00"**



Indice di Hagberg
Falling Number

Enzymatic activity:
340 ÷ 360

Wet gluten (%): **≥ 36**

Control parameters (Internal Lab) ± 3

ANALYSIS OF PRODUCT (investigations std batch/reference)

CHEMICAL-PHYSICS AND NUTRITIONAL CHARACTERISTICS

(average values: 100 g. of finished product)

MICRO NUTRIENT

(average values) mg/100g

Parameters	Unit of measurement (%)	Parameters	Unit of measurement (%)	MINERAL SALT	VITAMINS
Proteins p/p (N x 6,25)	12,5 ± 0,50	Food Fiber p/p	3 ± 0,50	Calcium 28	Thiamin (Vit B1) 0,25
Total Fat p/p of which saturates	1 0,2 ± 0,30 ---	Salt (N _a x 2,5) (g.)	0,006 ± 0,002	Phosphorus 160	Riboflavin (Vit B2), 0,05
Carbohydrates p/p of which sugar	72 1 ± 3,50 ---	Ashes p/p – dry matter	0,50 ± 0,05	Potassium 140	Niacin (Vit PP) 1,4 Vitamin E tr
Total out of 100 g. of finished product		Kcal 354	Kjoule 1.502		

BIOLOGICAL CHARACTERISTICS - FILTH TEST

Value biological of Filth test

Regular - STD

Parameter < Below the limit of the Law

MICROBIOLOGICAL CHARACTERISTICS

Endogenous Microflore and esogene

High Quality

Parameter < Below the limit of the Law

CHEMICAL-PHYSICS CHARACTERISTICS

Normative values of reference

High Quality

Parameter < Below the limit of the Law

RESIDUES AND MICRO-PARTICLES

Normative values of reference

Absent

Parameter < Below the limit of the Law

OGM - Genetically Modified Organisms

Normative values of reference

Absent

Parameter **Absent / Ogm free** (GMO)



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MICROBIOLOGICAL CHARACTERISTICS

Parameters			Unit of measurement			Reference value			Q.S.		
	Total microbiological Count		UFC /g			< 40.000			HA - PRP		
	Total micotic Count <i>Moulds and yeasts</i>		UFC /g			< 1000 <500			HA - PRP		
	Total coliform		UFC / g (MPN /g)			≤ 100 ≤ 1000			HA - PRP		
	<i>Escherichia coli</i>	UFC/g	< 10		<i>Clostridium spp.</i>	UFC/g	Absent		<i>Staphylococcus aureus c.p.</i>	UFC/g	< 10
	<i>Bacillus cereus</i>	UFC/g	< 10		<i>Bacillus spp.</i>	UFC/g	< 10		<i>Salmonella spp.</i>	UFC/g	Absent
	<i>Enterococchi spp.</i>	UFC/g	< 10								

RESIDUAL AND MICRO PARTICLES

RESIDUES		Caputo std mg / Kg	RESIDUI	Caputo std mg / Kg	HEAVY METALS		Caputo std mg / Kg	
AGROCHEMICALS	▶ Insecticides	Lower than legal limits GC-MS e/o LC-MS/MS	▶ Glyphosate	Lower than legal limits	🚫 Lead	🚫 <u>Cadmium</u>	< 0,02	< 0,01
	▶ Acaricides				🚫 Chromium	🚫 <u>Mercury</u>	< 0,02	< 0,01
	▶ Fungicides							
MICOTOXINE		Caputo std µg / Kg	MICOTOXINE	Caputo std µg / Kg	OGM	Methodology	Caputo std µg / Kg	
⇒ Total Aflatoxins (B ₁ +B ₂ +G ₁ +G ₂) / Aflatoxin B ₁		< 4 / < 2 < 750 < 200	🚫 Ochratoxin A - <u>OTA</u>	< 0,5 < 10	🚫 DNA	QUALITATIVE GMO- EXTENDED SCREENING RESEARCH	Control Promoters 35S-NOS- FMV- Negative	
⇒ Deoxinivalenolo- <u>DON</u>			🚫 Zearalenone - <u>ZEA</u>					
⇒ Fumonisine								

ALLERGOLOGICAL PROPERTIES

Ingredients/Allergens listed in Annex 2 to Reg. EU No. 1169/2011 of the European Parliament and of the Council

⊕ **Mandatory declaration of Allergenic Ingredients**

⊙ **ALLERGENS** Reg. UE 1169/2011 - Dir. 2003/89 - D. Lgs. n. 114/06 - D.Lgs. 27-9-2007 n. 178 - Legge n. 88 del 7 Luglio 2009 e ss.mm. e ii. Evidence allergen: ☐ YES ☐ NO

Allergen	Cross-contamination raw material	Unintentional presence in the ended product (Carry-over)	In Facility	Allergen	Cross-contamination raw material	Unintentional presence in the ended product (Carry-over)	In Facility
➤ Cereals containing gluten and products (wheat flour)	☒ YES	☒ YES	☒ YES	➤ Nuts: almonds (<i>Amygdalus communis</i> L.), hazelnut (<i>Corylus avellana</i>), walnuts (<i>Juglans regia</i>), Cashew (<i>Anacardium occidentale</i>), Pecan (<i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nuts (<i>Bertholletia excelsa</i>), pistachio (<i>Pistacia vera</i>), macadamia nuts and Queensland nuts (<i>Macadamia ternifolia</i>) and products thereof.	☒ NO	☒ NO	☒ NO
➤ Crustaceans and products thereof	☒ NO	☒ NO	☒ NO	➤ Celery and products thereof	☒ NO	☒ NO	☒ NO
➤ Eggs and egg products	☒ NO	☒ NO	☒ NO	➤ Mustard and products thereof	☒ NO	☒ NO	☒ NO
➤ Fish and products thereof	☒ NO	☒ NO	☒ NO	➤ Sesame seeds and products derived	☒ NO	☒ NO	☒ NO
➤ Peanuts and products thereof	☒ NO	☒ NO	☒ NO	➤ Sulphur dioxide and sulphites at concentrations above 10 mg / kg or 10 mg / l expressed as SO ₂ .	☒ NO	☒ NO	☒ NO
➤ Soybeans and products thereof	☒ YES	☒ YES	☒ NO	➤ Lupin and products thereof	☒ NO	☒ NO	☒ NO
➤ Milk and milk products including lactose	☒ NO	☒ NO	☒ NO	➤ Molluscs and products thereof	☒ NO	☒ NO	☒ NO

GOVERNING LAW

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Reg. (UE) N. 1169/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL	October 25 th 2011 related to the supply of information on the foods to the consumers, that it modifies the Reg. (Us) n. 1924/2006 and (Us) n. 1925/2006 of the European Parliament and of the Council.
D.Lgs. 27-9-2007 n. 178	Provisions amending and integrating with law. February 8, 2006, n. 114, implementing Directives 2003/89/EC, 2004/77/EC and 2005/63/EC, in the indication of ingredients present in foodstuffs, as well as implementation of Directive 2006/142/EC.
D.Lgs. 8-2-2006 n. 114	Implementation of the Directives 2003/89/EC, 2004/77/EC and 2005/63/EC as regards indication of the ingredients present in foodstuffs.
Dir. 10-11-2003 n. 2003/89/CE	Directive of the European Parliament and Council amending Directive 2000/13/EC as regards indication of the ingredients present in foodstuffs.



PROCESS/PRODUCT CONTROLS / - REPORT / ANALYSIS ON RAW MATERIAL / PROCESS FOOD / LOT END PRODUCT

REPORT / ANALYSIS ON END PRODUCT _ Analisis HACCP _ HA
Reg. (CE) 28-1-2002 n. 178/2002 2002 - Reg. (CE) 29-4-2004 n. 852/2004 -
Legislative Decree 193-6 November 2007 and subsequent amendments.
Regulation (EU) 2017/625 of the European Parliament and of the Council of 15 March 2017.

