



PRODUCT SHEET

A.	PRODUCT NAME:.....	2
B.	PRODUCT DESCRIPTION:.....	2
C.	PRODUCT FEATURES:	2
D.	PRODUCED BY:	2
E.	NUTRITIONAL VALUES - <i>Content on 100 g</i>	3
F.	INGREDIENTS LIST:	4
G.	RAW MATERIAL AND PRODUCTIVE PROCESS CONTROL:	4
H.	MICROBIOLOGICAL VALUES.....	4
I.	SIZES/WEIGHT/PRODUCT PACKING	5
➤	WHOLE WHEELS.....	5
➤	HALF WHEELS	5
➤	1/4 th	6
➤	1/8 th	6
➤	1/32 th	7
➤	800g	7
➤	500g (=1/64 th).....	8
➤	300g (=1/100 th)	8

	PRODUCT TECHNICAL DETAILED SHEET "GRAN MANTOVANO" CHEESE	Rev 02 11/10/2016
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A. PRODUCT NAME:

HARD ITALIAN CHEESE "GRAN MANTOVANO"

B. PRODUCT DESCRIPTION:

Semi-fat hard cheese, slowly cooked and ripened, obtained from vaccine milk.

C. PRODUCT FEATURES:

Country of origin: Italy

Shape: cylindrical, slightly convex or almost straight sides, flat faces with a thin rind

Sizes: diameter from 35 to 45 cm, sides height from 15 to 18 cm, which may vary according to the conditions and production processes

Weight: from 24 to 40 Kg per cheese wheel. No wheel has to weigh less than 24 Kg

External appearance: dark yellow or slightly oily

Paste typical aroma and flavour: fragrant, delicate

Paste structure: finely granular, radial fracture into slivers

Structure colour: white or straw yellow

Holes: hardly visible

Rind thickness: 4 to 8 mm

Ripening: natural ripening takes place by storing the product in a natural environment at 15 - 22° C

Resistance to ripening: 1 to 2 years

Use: table cheese and grating

Dry substance fat: 32% minimum

Standard Expiry and storage conditions:

- Whole wheels: 365 days, at 15/18° C
- Vacuum packed: 180 days, at 4/8 ° C

D. PRODUCED BY:

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EEC registration N°: IT 03 642 CE, IT 03 365 CE, IT 03 679 CE

Certifications: BRC V.7, IFS V.6

Other Credits : SOT ICEA LOMBARDIA (Grana Padano Bio) Operator Code C425, HALAL

E. NUTRITIONAL VALUES - *Content on 100 g*

ENERGETIC VALUE (per 100 g):

Kj	1654	
Kcal	398	
▪ Fat		g 29
of which saturated		g 18
▪ Cholesterol		mg 98,3
▪ Carbohydrates (Sugars)		g 0
of which sugar		g 0
▪ Fibers		g 0
▪ Proteins		g 33,0
▪ Salt		g 1,5
▪ Humidity		g 32,0
▪ Free total Amino acids		g 6,0
▪ Calcium		mg 1165,0
▪ Phosphorus		mg 692,0
▪ Ratio Ca/P		1,7
▪ Potassium		mg 120,0
▪ Magnesium		mg 63,0
▪ Zinc		mg 11,0
▪ Iron		mg 0,14
▪ Copper		mg 0,5
▪ Selenium		µg 12,0
▪ Iodine		µg 35,5
▪ Vitamin A		µg 224,0
▪ Vitamin B1		mg 0,02
▪ Vitamin B2		mg 0,36
▪ Vitamin B6		mg 0,12
▪ Vitamin B12		µg 3,0
▪ Vitamin D3		µg 0,5
▪ Vitamin PP		mg 0,003
▪ Vitamin E		mg 0,206
▪ Pantothenic Acid		mg 0,246
▪ Choline		mg 20,0
▪ Biotin		µg 6,0

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F. INGREDIENTS LIST:

INGREDIENT	SOURCE	QUANTITY - % in end product
Milk	raw vaccine	98,371
Salt	Sea	1,6
Rennet	Microbic	0,004
Lysozyme	Protein from egg	0,025

* **THE BOLD ITEMS ARE ALLERGENS**

G. RAW MATERIAL AND PRODUCTIVE PROCESS CONTROL:

<ul style="list-style-type: none"> ➤ Official drawings to control the quality and the different features of our milk (every 15 days) ➤ Daily Controls of fat, temperature and acidity on every milk tank delivered to our dairy

H. MICROBIOLOGICAL VALUES

PARAMETER	UNIT OF MEASUREMENT	VALUE
Total Coliforms	CFU/g	< 100
<i>E. coli</i>	CFU/g	< 10
Yeasts	CFU/g	< 10.000
Molds	CFU/g	< 500
<i>Staphylococcus aureus</i>	CFU/g	< 10
<i>Listeria monocytogenes</i>	CFU/25 g	none
<i>Salmonella spp.</i>	CFU/25 g	none

I. SIZES/WEIGHT/PRODUCT PACKING

➤ **WHOLE WHEELS**

Average Unit Weight: 37 Kg

Inner packaging: none

Outer packaging:

Type: Whole wheel box

Size: mm 470 x 470 x H.270

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 1

Boxes / layer: 5

Boxes / pallet: 25

Pallet type: 80 x 120 – HT-TREATED pallets on
customer's demand



➤ **HALF WHEELS**

Average Unit Weight: 18,5 kg

Inner packaging: Vacuum packed bag

Outer packaging:

Type: Whole wheel box

Size: mm 470 x 470 x H.270

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 2

Boxes / layer: 5

Boxes / pallet: 25

Pallet type: 80 x 120 – HT-TREATED pallets on
customer's demand



➤ **1/4th**

Average Unit Weight: about 9,2 Kg

Inner packaging: Vacuum packed bag

Outer packaging:

Type: CT 11

Size: mm 470 x 240 x H.270

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 2

Boxes / layer: 7

Boxes / pallet: 42

Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand



➤ **1/8th**

Average Unit Weight: about 4.6 Kg

Inner packaging: Vacuum packed bag

Outer packaging:

Type: CT 11

Size: mm 470 x 240 x H.270

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 4

Boxes / layer: 7

Boxes / pallet: 42

Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand



➤ **1/32th**

Average Unit Weight: about 1.2 Kg

Inner packaging: Vacuum packed bag

Outer packaging:

Type: CT 11

Size: mm 470 x 240 x H.250

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 16

Boxes / layer: 7

Boxes / pallet: 42

Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand



➤ **800g**

Average Unit Weight: about 800g

Inner packaging: Vacuum packed bag

Outer packaging:

Type: CT 1/4

Size: mm 470 x 240 x H.150

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 11

Boxes / layer: 7

Boxes / pallet: 70

Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand



➤ **500g (=1/64th)**

Average Unit Weight: about 500g

Inner packaging: Vacuum packed bag

Outer packaging:

Type: CT 1/4

Size: mm 470 x 240 x H.150

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 16

Boxes / layer: 7

Boxes / pallet: 70

Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand



➤ **300g (=1/100th)**

Average Unit Weight: about 300g

Inner packaging: Vacuum packed bag

Outer packaging:

Type: CT 1/4

Size: mm 470 x 240 x H.150

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 25

Boxes / layer: 7

Boxes / pallet: 70

Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand



 <p>LATTERIA SOCIALE MANTOVA SOC. AGR. COOP.</p>	<p>PRODUCT TECHNICAL DETAILED SHEET "GRAN MANTOVANO" CHEESE</p>	<p>Rev 02 11/10/2016</p>
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LABELING COMPLIANCE:

We hereby declares that all the labels on our products are in compliant whit the features listed on this data sheet.

LATTERIA SOCIALE MANTOVA SOC. AGR. COOP.