

	PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE “SAN SEBASTIANO”	ST/02 Rev 15 11/10/2016
---	---	--------------------------------------

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.	CHEMICAL STANDARDS:.....	4
I.	MICROBIOLOGICAL VALUES	4
J.	SIZES/WEIGHT/PRODUCT PACKING	5
➤	WHOLE WHEELS.....	5
➤	HALF WHEELS	5
➤	1/4 th	6
➤	1/8 th	6
➤	1/16 th	7
➤	1/32 th	7
➤	800g (=1/40 th).....	8
➤	500g.....	8
➤	300g (=1/100 th).....	9
➤	250g, 200g & 150g set / random/fix weight, Flex pack/plastic Tray	9
➤	125g GRATED.....	10
➤	100g GRATED.....	10
➤	500g GRATED.....	11
➤	1 Kg GRATED	11
➤	2 Kg GRATED	12
➤	5 Kg GRATED	12
➤	125g SHAVINGS	13
➤	500g SHAVINGS	14
➤	1 Kg SHAVINGS.....	14
➤	500g DICES.....	15

	<p align="center">PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE "SAN SEBASTIANO"</p>	<p align="center">ST/02 Rev 15 11/10/2016</p>
---	---	--

A. PRODUCT NAME:

GRANA PADANO P.D.O. CHEESE

B. PRODUCT DESCRIPTION:

Semi-fat hard DOP cheese, slowly cooked and ripened. It is obtained from vaccine milk through the working process described in the Production Disciplinary of the Grana Padano Cheese Protection Cooperative. The product has excellent health qualities thanks to the technological process used for its production, which is the result of strict controls made in order to avoid micro-organisms harmful to consumers' health.

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
- Modified atmosphere packaging: 120 days, at 4/8 ° C
- Shavings and dice: 90 days, at 4/8 ° C
- Grated: 90 days, at 4/8°C

D. PRODUCED BY:

Latteria Sociale Mantova Soc. Agr. Coop.
Via F.lli Kennedy, 48 S. Antonio di Porto Mantovano (MN)
Tel. 0376/390808 Fax 0376/396250
e-mail: info@lsmgroup.it
sito web: www.lsm427.it

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

 LATTERIA SOCIALE MANTOVA SOC. AGR. COOP.	PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE "SAN SEBASTIANO"	ST/02 Rev 15 11/10/2016
--	---	--------------------------------------

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

	<p align="center">PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE "SAN SEBASTIANO"</p>	<p align="right">ST/02 Rev 15 11/10/2016</p>
---	---	---

F. INGREDIENTS LIST:

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

* **THE BOLD ITEMS ARE ALLERGENS**

G. RAW MATERIAL AND PRODUCTIVE PROCESS CONTROL:

- 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. CHEMICAL STANDARDS:

The Consortium of the Grana Padano cheese establishes criteria and limits in its Production Specification Book, which is actually applied.


I. MICROBIOLOGICAL VALUES

PARAMETER	UNIT OF MEASUREMENT	VALUE
Total Coliforms	CFU/g	< 100
<i>E. coli</i>	CFU/g	< 10
Yeasts	CFU/g	< 10.000
Moulds	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


	PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE "SAN SEBASTIANO"	ST/02 Rev 15 11/10/2016
---	---	--

J. SIZES/WEIGHT/PRODUCT PACKING

➤ WHOLE WHEELS

<p><u>Average Unit Weight:</u> 37 Kg</p> <p><u>Inner packaging:</u> none</p> <p><u>Outer packaging:</u></p> <p>Type: white whole wheel box</p> <p>Size: mm 470 x 470 x H.270</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 1</p> <p>Boxes / layer: 5</p> <p>Boxes / pallet: 25</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p>	
--	---

➤ HALF WHEELS

<p><u>Average Unit Weight:</u> 18.5 Kg</p> <p><u>Inner packaging:</u> Vacuum packed bag</p> <p><u>Outer packaging:</u></p> <p>Type: white whole wheel box</p> <p>Size: mm 470 x 470 x H.270</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 2</p> <p>Boxes / layer: 5</p> <p>Boxes / pallet: 20</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p>	
---	--

	PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE “SAN SEBASTIANO”	ST/02 Rev 15 11/10/2016
---	---	--------------------------------------

➤ **1/4th**

<p><u>Average Unit Weight:</u> about 9,2 Kg</p> <p><u>Inner packaging:</u> Vacuum packed bag</p> <p><u>Outer packaging:</u></p> <p>Type: CT 3</p> <p>Size: mm 470 x 240 x H.270</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 2</p> <p>Boxes / layer: 7</p> <p>Boxes / pallet: 42</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	<p>IMAGE NOT AVAILABLE</p>
---	--------------------------------

➤ **1/8th**

<p><u>Average Unit Weight:</u> about 4.6 Kg</p> <p><u>Inner packaging:</u> Vacuum packed bag</p> <p><u>Outer packaging:</u></p> <p>Type: CT 3</p> <p>Size: mm 470 x 240 x H.270</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 4</p> <p>Boxes / layer: 7</p> <p>Boxes / pallet: 42</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
---	--



**LATTERIA SOCIALE
MANTOVA**
SOC. AGR. COOP.

**PRODUCT TECHNICAL DETAILED SHEET
GRANA PADANO P.D.O. CHEESE
"SAN SEBASTIANO"**

ST/02
Rev 15
11/10/2016

➤ **1/16th**

Average Unit Weight: about 2.3 Kg

Inner packaging: Vacuum packed bag

Outer packaging:

Type: CT 3

Size: mm 470 x 240 x H.270

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 8

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 3

Size: mm 470 x 240 x H.270

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





**LATTERIA SOCIALE
MANTOVA**
SOC. AGR. COOP.

**PRODUCT TECHNICAL DETAILED SHEET
GRANA PADANO P.D.O. CHEESE
"SAN SEBASTIANO"**

ST/02
Rev 15
11/10/2016

➤ **800g (=1/40th)**

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**

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



	PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE “SAN SEBASTIANO”	ST/02 Rev 15 11/10/2016
---	---	--------------------------------------

➤ **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



➤ **250g, 200g & 150g set / random/fix weight, Flex pack/plastic Tray**

Unit Weight: 250g / 200g / 150g set / random weight

Inner packaging: thermoformed foil (Flex) or hard plastic tray

Outer packaging:

Type: CT 3 Kg US

Size: mm 255 x 151 x H.206

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 12 x 250g, 15 x 200g, 20 x 150g

Boxes / layer: 23


Boxes / pallet: 161

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




	<p align="center">PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE "SAN SEBASTIANO"</p>	<p align="right">ST/02 Rev 15 11/10/2016</p>
---	---	---

➤ **125g GRATED**

<p><u>Unit weight:</u> 100g</p> <p><u>Inner packaging:</u> Doypack bag</p> <p>Type: Display box of 12 STAND-UP BAGS</p> <p>Size: mm 389 x 122 x H.171</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: U-shaped lid</p> <p><u>Composition:</u></p> <p>Pieces / box: 12</p> <p>Boxes / layer: 12</p> <p>Boxes / pallet: 162</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
--	--

➤ **100g GRATED**

<p><u>Unit weight:</u> 100g</p> <p><u>Inner packaging:</u> plastic pillow bag</p> <p>Type: Display box of 12 STAND-UP BAGS</p> <p>Size: mm 389 x 122 x H.171</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: U-shaped lid</p> <p><u>Composition:</u></p> <p>Pieces / box: 12</p> <p>Boxes / layer: 18</p> <p>Boxes / pallet: 162</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
---	---

	PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE “SAN SEBASTIANO”	ST/02 Rev 15 11/10/2016
---	---	--------------------------------------

➤ **500g GRATED**

Unit weight: 500g

Inner packaging: GP branded & square bottom blue bag

Outer packaging:

Type: CT 10

Size: mm 500 x 300 x H.220

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 16

Boxes / layer: 6

Boxes / pallet: 48

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



➤ **1 Kg GRATED**

Unit weight: 1 Kg

Inner packaging: flat bottom bag

Outer packaging:

Type: CT 10

Size: mm 500 x 300 x H.220

Material: Cardboard (according to EC rule)

Closing: white tape

Composition:

Pieces / box: 10

Boxes / layer: 6


Boxes / pallet: 48

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




	<p align="center">PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE “SAN SEBASTIANO”</p>	<p align="right">ST/02 Rev 15 11/10/2016</p>
---	---	---

➤ **2 Kg GRATED**

<p><u>Unit weight:</u> 2 Kg</p> <p><u>Inner packaging:</u> GP branded & flat bottom blue bag</p> <p><u>Outer packaging:</u></p> <p>Type: CT 10</p> <p>Size: mm 500 x 300 x H.220</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 5</p> <p>Boxes / layer: 6</p> <p>Boxes / pallet: 48</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
--	--

➤ **5 Kg GRATED**

<p><u>Unit weight:</u> 5 Kg</p> <p><u>Inner packaging:</u> GP branded & flat bottom blue bag</p> <p><u>Outer packaging:</u></p> <p>Type: CT 10</p> <p>Size: mm 500 x 300 x H.220</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 2</p> <p>Boxes / layer: 6</p> <p>Boxes / pallet: 48</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
--	---

	<p align="center">PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE “SAN SEBASTIANO”</p>	<p align="center">ST/02 Rev 15 11/10/2016</p>
---	---	--

➤ **125g SHAVINGS**

Unit weight: 125g

Inner packaging: Doypack resealable bag

Outer packaging:

Type: Display box

Size: mm 395 x 150 x H.200

Material: Cardboard (according to EC rule)

Closing: U-shaped lid

Composition:

Pieces / box: 12

Boxes / layer: 14


Boxes / pallet: 112

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




	<p align="center">PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE “SAN SEBASTIANO”</p>	<p align="right">ST/02 Rev 15 11/10/2016</p>
---	---	---

➤ **500g SHAVINGS**


<p><u>Unit weight:</u> 500g</p> <p><u>Inner packaging:</u> GP branded & flat bottom clear bag</p> <p><u>Outer packaging:</u></p> <p>Type: CT 10</p> <p>Size: mm 500 x 300 x H.220</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 16</p> <p>Boxes / layer: 6</p> <p>Boxes / pallet: 48</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
--	---

➤ **1 Kg SHAVINGS**

<p><u>Unit weight:</u> 1 Kg</p> <p><u>Inner packaging:</u> GP branded & flat bottom clear bag</p> <p><u>Outer packaging:</u></p> <p>Type: CT 10</p> <p>Size: mm 500 x 300 x H.220</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 10</p> <p>Boxes / layer: 6</p> <p>Boxes / pallet: 48</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
--	---

	<p align="center">PRODUCT TECHNICAL DETAILED SHEET GRANA PADANO P.D.O. CHEESE "SAN SEBASTIANO"</p>	<p align="right">ST/02 Rev 15 11/10/2016</p>
---	---	---

➤ **500g DICES**

<p><u>Unit weight:</u> 500g</p> <p><u>Inner packaging:</u> flat bottom bag</p> <p><u>Outer packaging:</u></p> <p>Type: CT 10</p> <p>Size: mm 500 x 300 x H.220</p> <p>Material: Cardboard (according to EC rule)</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 16</p> <p>Boxes / layer: 6</p> <p>Boxes / pallet: 48</p> <p>Pallet type: 80 x 120 - HT-TREATED pallets on customer's demand</p>	
---	---

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.