

	PRODUCT TECHNICAL DETAILED SHEET PARMIGIANO REGGIANO P.D.O. CHEESE “LATTERIA SOCIALE MANTOVA”	Rev. 25 01/02/2024
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A. PRODUCT NAME:

PARMIGIANO REGGIANO P.D.O.

B. PRODUCT DESCRIPTION:

The protected designation of origin PARMIGIANO REGGIANO is a hard cheese, cooked and slow-ripening, produced with raw milk partially decremented, according to the requirements laid down by the production specification of Parmigiano Reggiano.

C. PRODUCT FEATURES:

Origin of milk: Italy

Shape: cylindrical, slightly convex or almost straight, flat faces, slightly edged.

Shape diameter: 35 to 45 cm.

Heel height: from 20 to 26 cm.

Minimum Weight: 30 Kg.

Crust: hard and smooth, 6 mm thick.

Paste: minutely grainy, radial fracture in scales.

Fat on dry matter: minimum 32%.

Crust colour: natural straw-yellow.

Paste colour: slightly straw-yellow to straw-yellow.

Aroma: fragrant.

Taste: delicate, tasty but not spicy.

SHELF-LIFE and STANDARD storage methods:

- Whole wheels: 365 days. Keep refrigerated between + 15°C and + 18°C.
- Vacuum packed: 180 days. Keep refrigerated between + 4°C and + 8°C.
- Modified atmosphere packaging: 120 days. Keep refrigerated between + 4°C and + 8°C.
- Grated: 90 days. Keep refrigerated between + 4°C and + 8°C.
- Shavings packed: 90 days. Keep refrigerated between + 4°C and + 8°C.

D. PRODUCED AND PACKED FOR:

Latteria Sociale Mantova Soc. Agr. Coop.

Via F.lli Kennedy, 48 S. Antonio di Porto Mantovano (MN)

Pho: +39 0376/390808 Fax: +39 0376/396250

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Approval number: IT 03 642 CE, IT 03 365 CE, IT 03 679 CE, IT 03 127 CE

Certifications: BRC, IFS FOOD

Other certifications: HALAL

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E. NUTRITIONAL VALUES - Content on 100 g

ENERGETIC VALUE (per 100 g):

kJ	1671	
kcal	402	
▪ Fat	g	30
of which saturates	g	20
of which monounsaturated	g	9
of which polyunsaturated	g	0,8
▪ Cholesterol	mg	83
▪ Carbohydrate	g	0
of which sugars	g	0
▪ Fibers	g	0
▪ Protein	g	32
▪ Salt	g	1,6
▪ Humidity	g	31,4
▪ Free Amino acids on total protein	%	23,3
▪ Calcium	mg	1155
▪ Phosphorus	mg	691
▪ Potassium	mg	100
▪ Magnesium	mg	43
▪ Zinc	mg	4
▪ Iron	mg	0,2
▪ Sodium	mg	650
▪ Vitamin A	µg	430
▪ Vitamin B1	mg	0,03
▪ Vitamin B2	mg	0,35
▪ Vitamin B6	mg	0,060
▪ Vitamin B12	µg	1,7
▪ Vitamin C	mg	0
▪ Vitamin PP	mg	0,06
▪ Vitamin K	µg	1,6
▪ Vitamin E	mg	0,55
▪ Pantothenic Acid	mg	0,320
▪ Choline	mg	40
▪ Biotin	µg	23

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F. INGREDIENTS LIST:

INGREDIENT	SOURCE	QUANTITY - % in end product
Milk	Raw vaccine	98,4
Salt	Sea	1,57
Rennet	Calves	0,03

** THE BOLD ITEMS ARE ALLERGENS*

G. CHEMICAL STANDARDS:

MATTER	NOTE	REGULATORY REFERENCE (including subsequent updates or changes)
Microbiological criteria applicable to products grocery	Compliance with the mandatory limits	EC Regulation 2073/2005
Dioxins and similar dioxin PCBs		EU Regulation 915/2023
Heavy Metals		EU Regulation 915/2023
Pesticides		EC Regulation 396/2005
Residues of veterinary medicines		EU Regulation 37/2010
Aflatoxin M1		MINSAL Note n. 70600 of 23/12/19
If packaged product (suitability for food contact)	Compliance with mandatory requirements	EC Regulation 1935/2004 – EC Regulation 2023/2006 - EU Regulation 10/2011 - MD 21/03/73 - DPR No. 777/82
Allergens	Compliance with mandatory requirements	EU Regulation 1169/2011
GMO	Absence of use of GMOs in raw materials	EC Regulation 1829/2003 - EC Regulation 1830/2003
Radionuclides	Compliance with the mandatory limits	Dir. 2/1999 – EC Regulation 733/08
Ionizing radiations	Product not subjected to ionizing radiation	L.D. 94 of 30/01/2001

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H. MICROBIOLOGICAL AND CHEMICAL VALUES:

Microbiological values		
PARAMETER	UNIT OF MEASUREMENT	VALUE
<i>E. coli</i>	CFU/g	< 100
Yeasts	CFU/g	< 10.000
Molds	CFU/g	< 10.000
Coagulase positive Staphylococcus	CFU/g	< 100
<i>Listeria monocytogenes</i>	CFU/25 g	none
<i>Salmonella spp.</i>	CFU/25 g	none
Sulphite reducing Clostridia	CFU/g	< 100
Chemical values		
pH	na	5,1-5,9
aW	na	< 0,94

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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

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 plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 470 x 470 x H.140

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 1

Boxes / layer: 2

Boxes / pallet: 25

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



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➤ **WEDGE IN 1/4th**

Average Unit Weight: about 9,2 Kg

Inner packaging: vacuum packed plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 490 x 245 x H.13,5

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 1

Boxes / layer: 6

Boxes / pallet: 72

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



➤ **WEDGE IN 1/8^t**

Average Unit Weight: about 4,6 Kg

Inner packaging: vacuum plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 465 x 245 x H.275

Material: cardboard

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



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➤ **WEDGE IN 1/16th**

Average Unit Weight: about 2,3 Kg

Inner packaging: vacuum plastic bag

Outer packaging:

Type: corrugated cardboard box

Size: mm 465 x 245 x H.275

Material: cardboard

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



➤ **WEDGE IN 1/32th**

Average Unit Weight: about 1,2 Kg

Inner packaging: vacuum plastic bag

Outer packaging:

Type: corrugated cardboard box

Size: mm 465 x 245 x H.275

Material: cardboard

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



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➤ **WEDGE IN 800 g**

Average Unit Weight: about 800 g

Inner packaging: vacuum plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 385 x 240 x H.220

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 12

Boxes / layer: 10

Boxes / pallet: 50

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



➤ **WEDGE IN 500 g**

Average Unit Weight: about 500 g

Inner packaging: vacuum plastic bag

Outer packaging:

Type: corrugated cardboard box

Size: mm 380 x 230 x H.200

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 20

Boxes / layer: 10

Boxes / pallet: 50

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



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➤ **WEDGE IN 300 g**

Average Unit Weight: about 300 g

Inner packaging: vacuum plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 300 x 250 x H.160

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 15

Boxes / layer: 12

Boxes / pallet: 120

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



➤ **WEDGE IN 200 g**

Average Unit Weight: about 200 g

Inner packaging: vacuum plastic bag

Outer packaging:

Type: AA0501188

Size: mm 300 x 240 x H.160

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 25

Boxes / layer: 10


Boxes / pallet: 120

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




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➤ **SIZES BY 200 g FLEX PACK OR PLASTIC TRAY, RANDOM WEIGHT OR FIX WEIGHT**

<p><u>Unit Weight:</u> 200 g set or random weight</p> <p><u>Inner packaging:</u> plastic pack under-vacuum or in MAP</p>			
<p style="text-align: center;"><u>Outer packaging choice between:</u></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Type: corrugated cardboard box</p> <p>Size: mm 260 x 260 x H.130</p> <p>Material: cardboard</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 15</p> <p>Boxes / layer: 12</p> <p>Boxes / pallet: 144</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p> </td><td style="width: 50%; vertical-align: top;"> <p>Type: American corrugated cardboard box or corrugated cardboard box</p> <p>Size: mm 300 x 250 x H.160</p> <p>Material: cardboard</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 20 or 25</p> <p>Boxes / layer: 12</p> <p>Boxes / pallet: 120</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p> </td></tr> </table>		<p>Type: corrugated cardboard box</p> <p>Size: mm 260 x 260 x H.130</p> <p>Material: cardboard</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 15</p> <p>Boxes / layer: 12</p> <p>Boxes / pallet: 144</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p>	<p>Type: American corrugated cardboard box or corrugated cardboard box</p> <p>Size: mm 300 x 250 x H.160</p> <p>Material: cardboard</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 20 or 25</p> <p>Boxes / layer: 12</p> <p>Boxes / pallet: 120</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p>
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➤ **SIZES BY 150 g FLEX PACK OR PLASTIC TRAY, RANDOM WEIGHT OR FIX WEIGHT**

<p><u>Unit Weight:</u> 150 g set or random weight</p> <p><u>Inner packaging:</u> plastic pack under-vacuum or in MAP</p>			
<p style="text-align: center;"><u>Outer packaging choice between:</u></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Type: display box</p> <p>Size: mm 255 x 110 x H.205</p> <p>Material: cardboard</p> <p>Closing: U-shaped lid</p> <p><u>Composition:</u></p> <p>Pieces / box: 9</p> <p>Boxes / layer: 31</p> <p>Boxes / pallet: 248</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p> </td><td style="width: 50%; vertical-align: top;"> <p>Type: corrugated cardboard box</p> <p>Size: mm 260 x 260 x H.130</p> <p>Material: cardboard</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 20</p> <p>Boxes / layer: 12</p> <p>Boxes / pallet: 144</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p> </td></tr> </table>		<p>Type: display box</p> <p>Size: mm 255 x 110 x H.205</p> <p>Material: cardboard</p> <p>Closing: U-shaped lid</p> <p><u>Composition:</u></p> <p>Pieces / box: 9</p> <p>Boxes / layer: 31</p> <p>Boxes / pallet: 248</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p>	<p>Type: corrugated cardboard box</p> <p>Size: mm 260 x 260 x H.130</p> <p>Material: cardboard</p> <p>Closing: white tape</p> <p><u>Composition:</u></p> <p>Pieces / box: 20</p> <p>Boxes / layer: 12</p> <p>Boxes / pallet: 144</p> <p>Pallet type: 80 x 120 – HT-TREATED pallets on customer's demand</p>
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➤ **100 g GRATED**

Average Unit Weight: 100 g

Inner packaging: resealable plastic bag

Outer packaging:

Type: Display box

Size: mm 300 x 150 x H.190

Material: cardboard

Closing: U-shaped lid

Composition:

Pieces / box: 15

Boxes / layer: 20

Boxes / pallet: 160

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



➤ **500 g GRATED**

Unit weight: 500 g

Inner packaging: flat bottom plastic bag

Outer packaging:

Type: corrugated cardboard box

Size: mm 380 x 380 x H.250

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 10

Boxes / layer: 6

Boxes / pallet: 42

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



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➤ **1 Kg GRATED**

Unit weight: 1 Kg

Inner packaging: flat bottom plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 380 x 380 x H.250

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 10

Boxes / layer: 6

Boxes / pallet: 42

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



➤ **5 Kg GRATED**

Unit weight: 5 Kg

Inner packaging: flat bottom plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 380 x 380 x H.250

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 2

Boxes / layer: 6

Boxes / pallet: 42

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



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➤ **500 g SHAVINGS**

Unit weight: 500 g

Inner packaging: flat bottom plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 380 x 380 x H.250

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 10

Boxes / layer: 6

Boxes / pallet: 42

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



➤ **1 Kg SHAVINGS**

Unit weight: 1 Kg

Inner packaging: flat bottom plastic bag

Outer packaging:

Type: American corrugated cardboard box

Size: mm 380 x 380 x H.250

Material: cardboard

Closing: white tape

Composition:

Pieces / box: 10

Boxes / layer: 6

Boxes / pallet: 42

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



J. LABELLING COMPLIANCE:

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

LATTERIA SOCIALE MANTOVA SOC. AGR. COOP.