

SCHEDA TECNICA – ORGANOLETTICA
PRODOTTO
TECHNICAL – ORGANOLEPTICAL
DATA SHEET

DOC 080
ST n° 2.4

Pagina 1 di 6

Rev. 01

Data Dic-24

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PARMIGIANO REGGIANO DOP
Porzionato 250 g

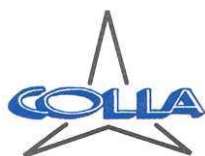
PARMIGIANO REGGIANO PDO
Wedge 250 g



Stagionatura <i>Ageing</i>	minimo 15 mesi <i>minimum 15 months</i>	
Ingredienti <i>Ingredients</i>	LATTE, sale, caglio. <i>MILK, salt, rennet.</i>	
Origine fornitori / materia prima <i>Supply source / raw material</i>	il Parmigiano Reggiano DOP è prodotto in Italia nel territorio definito dal Disciplinare di Produzione. Il latte utilizzato per produrre Parmigiano Reggiano DOP è prodotto in allevamenti situati nel territorio definito dal Disciplinare di Produzione ed autorizzati dal Consorzio di Tutela del Parmigiano Reggiano. <i>Parmigiano Reggiano DOP is made in Italy in the territory that is defined by its Production Standards. Milk that is used to produce Parmigiano Reggiano DOP is sourced from farms that are authorized by the Consortium for the Protection of Parmigiano Reggiano that are located in the territory that is defined by its Production Standards.</i>	
Lotto <i>Batch</i>	4 cifre, le prime due rappresentano la settimana dell'anno di produzione; le seconde due il giorno di produzione di quella settimana (es. 01=lunedì, etc.). <i>4 digits, the first two refer to the number of the week in the year of production, the last two represent the number of the day during the week (e.g. 01= Monday, etc.).</i>	
TMC <i>BBD</i>	GGMMAA DDMMYY	
Parametri nutrizionali <i>Nutritional specifications</i>	kJ, kcal, grassi (di cui acidi grassi saturi), carboidrati (di cui zuccheri), fibre, proteine, sale. <i>kJ, kcal, fat (of which saturates), carbohydrate (of which sugars), fibre, protein, salt.</i>	
Confezionamento <i>Packaging</i>	Busta sottovuoto. <i>Vacuum in bag.</i>	
Shelf-life totale <i>Total Shelf-life</i>	180 giorni <i>180 days</i>	
Temperatura di conservazione <i>Storage temperature</i>	Max. +8°C <i>Max. +8°C</i>	
Modalità di conservazione <i>Storage conditions</i>	Una volta aperta la confezione, conservare refrigerata. <i>Once opened the packaging, store refrigerated.</i>	
Temperatura di trasporto <i>Transport temperature</i>	Max. +8°C <i>Max. +8°C</i>	

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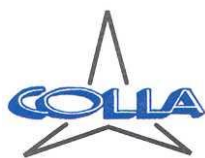
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Peso (Direttiva n. 76/211/CEE) <i>Weight (Directive 76/211/EEC)</i>	250g e 250g e	
Formulazione prodotto (valori medi) <i>Product formulation (average values)</i>		
Componente <i>Ingredients</i>	Quantità % <i>Amount %</i>	Origine <i>Source</i>
LATTE <i>MILK</i>	98,396	Italia <i>Italy</i>
Sale <i>Salt</i>	1,6	UE <i>EU</i>
Caglio <i>Rennet</i>	0,004	UE <i>EU</i>
Specifiche nutrizionali - Valori nutrizionali medi per 100g (Reg. UE 1169/2011) <i>Nutritional specifications – Average nutritional values per 100g (Reg. EU 1169/2011)</i>		
Energia <i>Energy</i>	1671 Kj / 402 kcal	
Grassi <i>Fat</i>	30 g	
di cui acidi grassi saturi <i>of which saturated fatty acids</i>	20 g	
Carboidrati <i>Carbohydrates</i>	0 g	
di cui zuccheri <i>of which sugars</i>	0 g	
Fibre <i>Fibre</i>	0 g	
Proteine <i>Proteins</i>	32 g	
Sale <i>Salt</i>	1,6 g	
Specifiche chimico-fisiche <i>Chemical and physical specifications</i>		
Parametro <i>Parameter</i>	Unità di misura <i>Unit of measurement</i>	Limiti di accettabilità <i>Acceptability</i>
Umidità <i>Moisture</i>	%	≥ 25 ≤ 35
Grassi <i>Fat</i>	%	30 g ± 20%
Grassi S/S <i>Fat on dry matter</i>	%	≥32
Proteine <i>Proteins</i>	%	32 g ± 20%
Calcio <i>Calcium</i>	mg/100g	1155 mg (+45% -35%)

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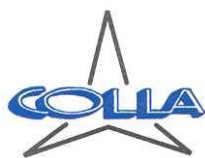
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Fosforo <i>Phosphorous</i>	mg/100g	691 mg (+45% -35%)
Sodio Cloruro <i>Sodium Chloride</i>	%	1,6 g ± 20%
Specifiche microbiologiche (Reg. CE n. 2073/2005 e s.m.i.) Microbiological specification (Reg. EC n. 2073/2005 and s.m.i.)		
Parametro <i>Parameter</i>	Unità di misura <i>Unit of measurement</i>	Limiti di accettabilità <i>Acceptability</i>
Escherichia coli <i>Escherichia coli</i>	UFC/g	≤ 10
Salmonella spp. <i>Salmonella spp.</i>	UFC/25g	Assente
Listeria monocytogenes <i>Listeria monocytogenes</i>	UFC/25g	Assente
Staphylococcus coagulasi positivi <i>Coagulase-positive Staphylococcus</i>	UFC/g	≤ 100
Muffe <i>Mold</i>	UFC/g	≤ 100
Lieviti <i>Yeasts</i>	UFC/g	≤ 10.000
Specifiche organolettiche Organoleptic specifications		
Aspetto <i>Appearance</i>	La porzione di formaggio deve presentare un aspetto caratteristico a spicchio, uniforme, il pezzo deve presentare una forma ben definita e netta, le facce devono risultare a superficie sufficientemente netta. Non devono essere evidenti alveolature estese, ma solo micro alveoli. La pasta deve risultare compatta, priva di fessurazioni indicanti un difetto piuttosto grave quale il gonfiore tardivo. L'aspetto deve risultare uniforme sia esternamente come pure internamente essendo il pezzo proveniente da una unica forma. Devono essere assenti residui o parti estranee. Nelle porzioni che comprendono anche una parte di crosta, questa deve presentare uno spessore tra i 4 e 8 mm, deve risultare perfettamente pulita, deve risultare visibile e facilmente riconoscibile almeno parte del marchio di tutela. <i>The cheese portion must display a characteristic, uniform, wedge appearance; the piece must display a well defined shape and the surfaces must be adequately definite. Extended alveolations should not be evident, but only micro alveolations. The paste must be composed, free of cracks indicating a rather serious defect such as late swelling. The appearance must be uniform externally and internally, as the slice comes from one wheel. No residues or extraneous parts must be present.</i>	

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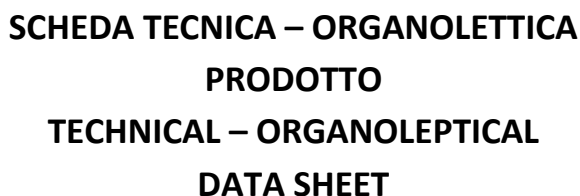
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	<i>For portions that include partial rind, this must display a thickness included between 4 and 8 mm. The rind must be clearly visible and clean and it must display at least part of the Consortium's mark.</i>
Colore Colour	Pasta di colore giallo paglierino, non particolarmente intenso. Deve essere uniforme e omogeneo su tutta la porzione. Crosta di colore giallo dorata naturale. Non devono essere percepibili sfumature di colori anomali o indicanti difetti tecnologici o di conservazione. <i>It must be straw yellow, not particularly bright. It must be homogeneous along the wedge. The rind is golden yellow.</i> <i>There must be no discernible nuances of abnormal colors or indicating technological or preservation defects.</i>
Sapore Taste	Gradevole, intenso, non eccessivamente salato o pungente. Gusto delicato da cui affiora il sapore di latte fresco, yogurt e burro. Devono risultare assenti sapori anomali o estranei. <i>Pleasant, intense, not excessively salty, pungent or sour. Delicate taste from which emerges the flavor of fresh milk, yoghurt and butter.</i> <i>Extraneous taste must be absent.</i>
Odore Aroma	Gradevole, delicato, tipico di un prodotto fresco, ben conservato. Sono assenti odori anomali ed estranei quali crosta, muffa, stantio o odori indicanti un processo di ossidazione in corso. <i>Pleasant, typical of a fresh, well-preserved product. Abnormal or foreign odours, such as scab, mildew, musty, or odours indicating an oxidation process under way, are absent.</i>
Allergeni Allergens	LATTE. Naturalmente privo di lattosio e di glutine. MILK. <i>Naturally free from lactose and gluten.</i>
OGM GMO	Gli ingredienti utilizzati per la produzione di Parmigiano Reggiano DOP, non derivano da Organismi Geneticamente Modificati. <i>Ingredients used for the production of Parmigiano Reggiano PDO are not derived from Genetically Modified Organisms.</i>

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Portioning flowchart


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    graph TD
      subgraph Raw_material_entry [Raw material entry]
        OB([Packaging receiving  
OB])
        OA([Wheels picking from warehouse and/or cold storage  
OA])
      end

      subgraph Wheels_preparation [Wheels preparation]
        1B[Entrance and storage of packaging in production department  
1B]
        1A[Storage for wheels cleaning  
1A]
        2B[Removal of wooden pallet, packaging removal, palletising on plastic pallet  
2B]
        2A[Washing, drying and grooming of wheels  
2A]
        3[Clean wheels storage  
3]
        4[Entrance of the wheels into production department (A)  
4]
        5[Wheels cut in various sizes  
5]
        6[Weighing, identification and storage in scraps cell  
6]
        7[Grooming  
7]
        8B[Packaging entrance into production department (film, bags)  
8B]
        8A[Packaging  
8A]
        9A[Vacuum Welding  
9A]
        9B[MAP (N2-CO2) Welding  
9B]
        10[Metal Detector check  
10]
        11[Labelling  
11]
        12[Case packing  
12]
        13[Palletising  
13]
        14[Cold storage  
14]
        15[Preparation for shipment  
15]
        16[Suitability checking of trucks and transport with own trucks and/or carrier  
16]
      end

      subgraph Cutting_and_packaging [Cutting and packaging]
        2A --> D1[Discards - Cut, 3 waste]
        2A --> W1[Washing waste water]
        2B --> D2[Discards - Cut, 3 waste]
        2B --> P1[Packaging removal]
        5 --> 6
        5 --> 7
        7 --> D3[Discards - Cut, 3 waste]
        8A --> 9A
        8A --> 9B
        9A --> D4[Discards - Cut, 3 waste]
        9B --> D5[Discards - Cut, 3 waste]
        10 --> D6[Rejected packs]
        10 --> D7[Rejected packs]
        10 --> D8[Downtime Parameters alignment IOP 050]
        10 --> D9[Transfer to exposed product area]
      end

      subgraph Storage_and_shipping [Storage and shipping]
        1A --> 2A
        1A --> 2B
        2A --> 3
        3 --> 4
        4 --> 5
        5 --> 6
        5 --> 7
        6 --> 8B
        7 --> 8B
        8B --> 8A
        8A --> 9A
        8A --> 9B
        9A --> 10
        9B --> 10
        10 --> 11
        11 --> 12
        12 --> 13
        13 --> 14
        14 --> 15
        15 --> 16
      end

      OB --> 1B
      OA --> 1A
      1B --> 2B
      1A --> 2A
      2A --> 3
      3 --> 4
      4 --> 5
      5 --> 6
      5 --> 7
      6 --> 8B
      7 --> 8B
      8B --> 8A
      8A --> 9A
      8A --> 9B
      9A --> 10
      9B --> 10
      10 --> 11
      11 --> 12
      12 --> 13
      13 --> 14
      14 --> 15
      15 --> 16
  
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Raw material entry

- Packaging receiving (OB)
- Wheels picking from warehouse and/or cold storage (OA)

Wheels preparation

- Entrance and storage of packaging in production department (1B)
- Storage for wheels cleaning (1A)
- Removal of wooden pallet, packaging removal, palletising on plastic pallet (2B)
- Washing, drying and grooming of wheels (2A)
- Clean wheels storage (3)
- Entrance of the wheels into production department (A) (4)
- Wheels cut in various sizes (5)
- Weighing, identification and storage in scraps cell (6)
- Grooming (7)
- Packaging entrance into production department (film, bags) (8B)
- Packaging (8A)
- Vacuum Welding (9A)
- MAP (N₂-CO₂) Welding (9B)
- Metal Detector check (10)
- Labelling (11)
- Case packing (12)
- Palletising (13)
- Cold storage (14)
- Preparation for shipment (15)
- Suitability checking of trucks and transport with own trucks and/or carrier (16)

Cutting and packaging

- Discards - Cut, 3 waste (from 2A)
- Washing waste water (from 2A)
- Discards - Cut, 3 waste (from 2B)
- Packaging removal (from 2B)
- Production scraps (from 5)
- Return to supplier (from 5)
- Product for further processing (from 5)
- Discards - Cut, 3 waste (from 7)
- Packaging deletion (from 8A)
- Packaging cuts out (from 9B)
- Rejected packs (from 10)
- Downtime Parameters alignment IOP 050 (from 10)
- Transfer to exposed product area (from 10)

Storage and shipping

- Low risk area - Not exposed product (1A)
- Low risk area - Exposed product (2A)
- Low risk area - Not exposed product (16)

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