



SCHUMAN CHEESE

SINCE 1945

PRODUCT SPECIFICATION	
PRODUCT: Cello Riserva Traditional Romano Wheel PK1	SPECIFICATION: CELRIS4000
PLANT(S): ASI – ELGIN	EFFECTIVE DATE: 2018-02-14
VERSION: 9	PAGE: 1

1. DESCRIPTION:

- 1.1. Traditional Romano is a hard, domestic cheese made through the natural fermentation of cow's milk. The cheese has a sharp, pungent and piccante flavor reminiscent of Pecorino Romano. 1.2. The cheese is cured for 6 months to develop the flavor, color and texture that are characteristic of aged Romano. 1.3. Brined, high hat wheels weigh approximately 18 pounds each and are vacuum packed in an oxygen and moisture barrier film to preserve quality and shelf life. 1.4. The product meets the standards listed in 21 CFR 133.183.

2. BRAND NAME:

- 2.1. Cello Riserva

3. PRIVATE LABEL:

- 3.1. No

4. MANUFACTURING PROCESS:

- 4.1. Cultures and enzymes are added to cow's milk to form a curd.
4.2. The curd is cut into smaller curds and heated.
4.3. The cheese is placed into molds that give the cheese its final shape. Each wheel is marked to preserve its identity throughout production.
4.4. Wheels are immersed in a saturated salt solution.
4.5. Following a process of salting, the cheese develops a natural rind and wheels are aged to develop the characteristic flavor, texture and appearance.
4.6. Before shipment, each wheel is vacuum sealed in an oxygen and moisture barrier film and a wheel label is applied.
4.7. A brand label is applied to one side of the wheel. A nutritional facts label is applied to the reverse side. A clear label with the lot number is applied.
4.8. Each wheel passes through a metal detector.
4.9. One wheel is packed in each case.
4.10. Cases are labeled and palletized for shipment.

5. PHYSICAL AND CHEMICAL SPECIFICATIONS:

Foreign Matter	None Visible	
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Weight	A full wheel weighs approximately 18 lbs with natural rind.	
Appearance	Free of cracks and other internal or rind defects	
Moisture	Max 34.0%	SMEDP, 16, 15
Fat (FDB)	Min 38.0%	SMEDP, 16, 15 By Calculation
Salt (Chemical)	3.0% - 4.5%	SMEDP, 16, 15 Coulometric Titration
pH	5.0 – 5.4	SMEDP, Potentiometric

6. ORGANOLEPTIC SPECIFICATIONS:

- 6.1. Flavor: Sharp, Pungent, Piccante
- 6.2. Color: White to Off-White (NCI 2 - 3)
- 6.3. Aroma: Clean, Dairy
- 6.4. Texture: Hard, Dense

7. MICROBIOLOGICAL SPECIFICATIONS:

Coliform	<100 cfu/g	BAM 8, 4 / AOAC Petrifilm
Mold	<1000 cfu/g	BAM 8, 18 / AOAC Petrifilm
Yeast	<1000 cfu/g	BAM 8, 18 / AOAC Petrifilm

8. INGREDIENT STATEMENT:

- 8.1. Pasteurized Milk, Cheese Cultures, Sea Salt, Enzymes, Natamycin (To Protect Flavor).
CONTAINS: MILK

9. COA REQUIREMENTS:

- 9.1. COA supplied only by special and prior arrangement



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10. NUTRITION SPECIFICATIONS:

Serving Size: 1" Cube (28g)

Servings Per Container: Varied

Nutrient	Per 100g	Per Serving	Daily Value (%)
Calories (kCal)	389.000	110.0	
Calories from Fat (kCal)	273.000	80.0	
Fats (g)	30.340	8.0	13
Protein (g)	28.150	8.0	
Carbohydrates (g)	0.910	0.0	0
Dietary Fiber (g)	0.000	0.0	0
Sugars (g)	0.000	0.0	
Cholesterol (mg)	84.000	25.0	8
Saturated Fat (g)	20.020	6.0	28
Trans Fat (g)	0.910	0.0	
Sodium (mg)	1760.000	490.0	21
Calcium (mg)	820.000		25
Iron (mg)	0.410		0
Vitamin A (IU)	730.000		4
Vitamin C (mg)	0.000		0
Moisture (%)	32.430		
Ash (g)	8.170		

11. ALLERGENS:

11.1. CONTAINS: Milk

12. COUNTRY OF ORIGIN: United States

13. CLAIMS:

13.1. Wisconsin Cheese Logo - Wisconsin Milk Marketing Board



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13.2. GMO Status - The product was not derived from a genetically modified source material, and is free from both genetically modified DNA and the proteins derived from genetically modified DNA.

13.3. Gluten Statement - This item is free of any ingredient that contains wheat, rye, barley and their derivatives – the grains that contain the proteins that cause reaction among individuals with celiac disease. This item can be considered naturally Gluten free. This statement is consistent with FDA's final ruling on Gluten Free Labeling issued on August 2, 2013.

13.4. Age - Naturally Aged Over 6 Months

13.5. Product Claim - Sharp Yet Balanced



14. ENZYMES:

14.1. Rennet - Microbial

14.2. Lipase - Animal (Calf)

15. UPC: Not Applicable

16. GTIN: 90882314078059

17. SHELF LIFE: 365 days past cure and from the date of packaging.

18. STORAGE REQUIREMENTS:

18.1. Product must be stored at 33-41°F.

19. SHIPPING REQUIREMENTS:



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19.1. #. Carriers used to transport product shall be maintained at 33-41°F. #. Trailers shall be clean, dry and free of foreign material and objectionable odors. #. Trailers used for direct to customer and full truck load shipments shall be sealed and seal numbers recorded.

20. PRODUCT CODING AND LABELING REQUIREMENTS:

20.1. PRODUCT:

20.1.1. PRODUCT LABEL INFORMATION: #. A brand with nutritional facts label is applied to the wheel. #. A clear-adhesive label with the lot number is applied to the wheel expressed as YDDDJJLL.

20.1.2. PRODUCT LABEL LOT CODE FORMAT:

#. Expressed as YDDDJJLL, where Y represents the year, DDD represents the Julian day, JJ represents the job number, and LL represents the line number.



20.2. CASES:

20.2.1. CASE LABEL INFORMATION: #. Case Labeling: One self-adhesive label is applied to one side of each case on the unprinted panel. The label identifies: Item Number, Name of Item, Case Quantity, Lot Number, Case Net Weight, Pack Date and time (in military time) and Expiration Date. #. The Pack Date expressed as MMM/DD/YYYY and Expiration Date are expressed as MM-DD-YYYY.



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ITEM NUMBER CELRIS4000
CELLO RISERVA TRAD. ROM WHEEL
INNER QUANTITY 1
LOT NUMBER 63340101
Net Weight: 11.54 LB
GROSS WEIGHT
(1)90882314070059(3202)0 1154
PACK DATE: Nov-29-2016 16:10:23
BEST BY: 11-30-2017
CS00000001
SUB LOAD NUMBER



20.3. PALLET:

20.3.1. PALLET LABEL INFORMATION: #. Each pallet is labeled with a 4” X 4” self-adhesive label stating: Item Number, Name of Item, Quantity, Lot Number, Net Weight, Manufacturing Order Number (MON), Pack Date and time (in military time); Expiration Date and LPN number for inventory tracking. #. This label is applied to the stretch wrap on 4 sides of the pallet.



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21. CASE PROPERTIES:

- 21.1. Case Dimensions OD [L x W x H] (in Inches): 9.32 x 9.32 x 8.14
- 21.2. Case Dimensions ID [L x W x H] (in Inches): 9.0 x 9.0 x 7.5
- 21.3. Case Cube (in Cubic Feet): 0.41
- 21.4. Type of Case: Brown, Corrugated, Pre-printed with the “Cello Riserva” Brand
- 21.5. Product Size: One 18-pound (approximate) Wheel per Case

22. PALLET CONFIGURATION:

- 22.1. Ea/Tie/High: 0001020006
- 22.2. Number of Cases Per Pallet: 120
- 22.3. Number of Cases Per Layer: 20
- 22.4. Number of Layers Per Pallet: 6
- 22.5. Type of Pallet: Wooden
- 22.6. Stretch Wrap Procedures: Pallets must be stretch wrapped. Secure the pallet load to the wooden pallet by extending the horizontal stretch wrap to cover the wooden pallet part way. Do not completely cover the pallet – doing so may interfere with the used of fork lifts.