winona foods
Imagine the Possibilities℠

11156 (MCC)

#211754

November 27, 2012

Product Specification

4/5 LB EW Fancy Shredded Mild Cheddar & Monterey Jack Cheeses – Upper Lake Foods

1.0 Product Item Numbers

1.1 Winona: 11156
1.2 Customer:
1.3 UPC: Not assigned
1.4 UCC: Not assigned

2.0 Description

2.1 Natural cheese that conforms to the Standards of Identity for both Cheddar Cheese as defined in 21 CFR 133.113, and Monterey Jack Cheese as defined in 21 CFR 133.153.
2.2 A product packaged and handled under sanitary conditions and in accordance with 9 CFR 304 of the Federal Register/Volume 61, No. 144/Rules and Regulations; Sections 416 and 417 dated 7/25/96
2.3 Ingredients: Pasteurized Milk, Cheese Culture, Salt, Enzymes, Annatto (Color), Potato Starch And Powdered Cellulose Added To Prevent Caking, Natamycin (A Natural Mold Inhibitor).
2.4 Allergen Statement: Contains Milk

3.0 Analysis

3.1 Chemical Standards

3.1.1 Moisture	39.0-42.0%	SMEDP 17th Ed.
3.1.2 Fat (FDB)	50.0-53.0%	SMEDP 17th Ed.
3.1.3 Salt	1.10-2.20%	SMEDP 17th Ed.
3.1.4 pH	4.90-5.40	SMEDP 17th Ed.

3.2 Physical Standards

3.2.1 Color	Uniform Orange color, 7-8 NCI Color Standard, Uniform Cream color 1-2 NCI color Standard.
3.2.2 Flavor	Clean cheese flavor with no definite off-flavors.
3.2.3 Body and Texture	Curdy to smooth, some mechanical openness permitted.
3.2.4 Shred Size	1/16" x 1/16" x ½ - 1¾"
3.2.5 Foreign Material	None visible
3.2.6 Age	Current Cheese

3.3 Microbiological Standards

3.3.1 Coliforms	<100 cfu/g	AOAC
3.3.2 Y&M	<1000 cfu/g, each	AOAC

winona foods
Imagine the Possibilities™

4.0 Packaging

4.1 Case Pack: 4/5 LB
- 4.1.1 Net Weight: 20.00 LBS
- 4.1.2 Gross Weight: 21.50 LBS

4.2 Package: Polyform Bag- Hayssen
- 4.2.1 Gas Flush
  - 4.2.1.1 Carbon Dioxide 65%
  - 4.2.1.2 Nitrogen 35%
  - 4.2.1.3 Target Residual Oxygen <2.0%
- 4.2.2 Label Upper Lakes
- 4.2.3 UPC Not assigned
- 4.2.4 Coding: Day of production
  - 4.2.4.1 250 6 W 44 07:15 (example)
    (Julian date)(year)(customer code letter)(production line)(production hour)
- 4.2.5 Shelf Life: Open code- 90 days recommended for stock rotation
  - 4.2.5.1 Packaging Defects: 45 days

4.3 Case
- 4.3.1 Fiber Box
  - 4.3.1.1 OD: 11 13/16" x 9 3/16" x 14 5/8"
  - 4.3.1.2 Cube: 0.919
- 4.3.2 Markings
  - 4.3.2.1 UCC: Not assigned
  - 4.3.2.2 Case code as day of production
    251 8 W 44 07:15 (example)
    (Julian date)(year)(customer code letter)(production line)(production hour)
- 4.3.3 Product Description:
  11156
  4/5 LB Upper Lake Foods
  Fancy Shred Mild Ched & MJ Cheeses
  Net Wt: 20.00 LBS (9.08kg)

4.4 Pallet Pattern
- 4.4.1 17 x 5
- 4.4.2 85 cases per pallet

5.0 Storage

5.1 33 – 40F

winona foods
Imagine the Possibilities℠

6.0 Nutritional Information

Nutrition Facts	
Serv. Size 1oz.(28g) 1/4 cup	
Servings 80	
Amount per Serving	
Calories 110	Fat Cal 80
	%DV
Total Fat 9g	14%
Sat. Fat 5g	25%
Trans Fat 0g	
Cholest. 25mg	8%
Sodium 170mg	7%
Total Carb. <1g	0%
Fiber 0g	0%
Sugar 0g	
Protein 7g	
Vitamin A 6%	Vitamin C 0%
Calcium 20%	Iron 0%
Percent Daily Values are based on a 2,000 Calorie diet	

The information contained herein is to the best of our knowledge correct. Product specifications are based on product prior to further processing and results may vary from those stated. The data entered and statements made are intended only as a source of information.

Annual Review Revised: November 2012
Verified By: TH
Supersedes: NA