

September 19, 2016

## Product Specification

### 4/5 LB EW Fancy Shredded Parmesan Cheese – Upper Lakes Foods

#### 1.0 Product Item Numbers

- 1.1 Winona: 12434
- 1.2 Customer: Upper Lakes
- 1.3 UPC: Not Assigned
- 1.4 UCC: Not Assigned

#### 2.0 Description

- 2.1 This product is made of a Domestic Parmesan Cheese that has been aged a minimum of 10 months prior to grating and packaging and has been manufactured in accordance with and meets the Standards of Identity as defined in 21 CFR 133.165.
- 2.2 A product packaged and handled under sanitary conditions 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 Part-Skim Milk, Cheese Culture, Salt, Enzymes, 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	32.0% Maximum	SMEDP 17 <sup>th</sup> Ed.
3.1.2 Fat (FDB)	32.0 % Minimum	SMEDP 17 <sup>th</sup> Ed.
3.1.3 Salt	2.00% - 3.20%	SMEDP 17 <sup>th</sup> Ed.
3.3.4 pH	4.80 - 5.40	SMEDP 17 <sup>th</sup> Ed.

##### 3.2 Physical Standards

3.2.1 Color	Uniform cream color, 1-2 NCI Color Standard
3.2.2 Flavor	Slightly sweet, somewhat fruity, clean, sharp, piquant cheese flavor with no definite off-flavors
3.2.3 Body & Texture	Curdy to smooth, some mechanical openness permitted
3.2.4 Foreign Material	None visible
3.2.5 Shred Dimension	1/16" x 1/16" x 1/2-1 3/4"
3.2.6 Age	10 months minimum

##### 3.3 Microbiological Standards

3.3.1 Coliforms	<100 cfu/g	AOAC
3.3.2 Yeast & Mold	<1000 cfu/g, each	AOAC

## 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: Polyfilm
  - 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 Foods
  - 4.2.3 UPC: Not Assigned
  - 4.2.4 Coding: Date of Packaging
    - 4.2.4.1 101 8 W 39 07:15 (example)  
(Julian date)(year)(customer code letter)(production line)(time)
  - 4.2.5 Shelf Life: Open Coded - 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 cu. ft.
  - 4.3.2 Markings:
    - 4.3.2.1 UCC: Not Assigned
    - 4.3.2.2 Case code as date of packaging  
101 8 W 39 07 (example)  
(Julian date)(year)(customer code letter)(production line)(hour)
  - 4.3.3 Product Description:  
UPPER LAKES 12434  
4/5 LB FRESH SHREDDED PARMESAN  
NET WT 20 LBS 101 8 W 39 07
- 4.4 Pallet Pattern:
  - 4.4.1 17 x 5
  - 4.4.2 85 cases per pallet

## 5.0 Storage

- 5.1 33-40°F



12434 (MCC)

## 6.0 Nutritional Information

<b>Nutrition Facts</b>	
Serv. Size 1 oz.(28g) ¼ cup	
Servings 80	
<b>Amount per Serving</b>	
Calories 110	Fat Cal 60
<b>%DV</b>	
<b>Total Fat</b> 7g	11%
Sat. Fat 4g	20%
<i>Trans</i> Fat 0g	.
<b>Cholest.</b> 20mg	7%
<b>Sodium</b> 340 mg	14%
<b>Total Carb.</b> 1g	0%
Fiber 0g	0%
Sugar 0g	.
<b>Protein</b> 10g	.
Vitamin A 4%	Vitamin C 0%
Calcium 30%	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: September 2016 (Rev. 1)  
Verified By:EH  
Supersedes: January 2015 (New)