



April 2, 2010

## Product Specification

### 8 / 1.5# Mild Cheddar Cheese Slice Cheese Crafter

#### 1.0 Product Item Numbers

- 1.1 Winona: 10737
- 1.2 Customer: N/A
- 1.3 UPC: 664857107376
- 1.4 UCC: 00664857107376

#### 2.0 Description

- 2.1 A natural cheese that conforms to the standards of identity for Cheddar (21 CFR 133.113) Cheese.
- 2.2 Ingredients: Pasteurized milk, cheese culture, salt, enzymes, annatto color.
- 2.3 Allergen Statement: Contains Milk

#### 3.0 Analysis

##### 3.1 Chemical Standards

3.1.1 Moisture	39.0% Max	SMEDP 17 <sup>th</sup> Ed.
3.1.2 Fat (dry basis)	50.0% Min	SMEDP 17 <sup>th</sup> Ed. and calculation
3.1.3 Salt	1.10%-2.20%	SMEDP 17 <sup>th</sup> Ed.
3.1.4 pH	4.90-5.40	SMEDP 17 <sup>th</sup> Ed.

##### 3.2 Physical Standards

3.2.1 Color	Uniform Orange color, 7-8 units on NCI color guide.
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 Slice Size	3 1/2" x 3 3/4" Twin Pack, Interleaf.
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 E.Coli	<10 cfu/g	AOAC
3.3.3 S. aureus (coag +)	not detected	AOAC
3.3.4 Salmonella	not detected	AOAC
3.3.5 Listeria	not detected	AOAC
3.3.6 Y&M	<1000 cfu/g, each	AOAC

## 4.0 Packaging

- 4.1 Case pack: 8 / 1.5 lb.
  - 4.1.1 Net weight: 12.0 lb.
  - 4.1.2 Gross weight: 13.0 lb
  
- 4.2 Package: Polyfilm Bag
  - 4.2.1 Hayssen 13" x 11", plain.
  - 4.2.2 Gas flush
    - 4.2.2.1 Carbon dioxide 70%
    - 4.2.2.2 Nitrogen 30%
    - 4.2.2.3 target residual oxygen <2.0%
  - 4.2.3 Label Cheese Crafter
  
  - 4.2.4 UPC # 664857107376  
Coding: Day of production
  - 4.2.5.1 251 8 W 44 07:15 (example)  
(julian date)(year)(customer code)(production line)(time)
  - 4.2.5 Shelf life: 180 days
    - 4.2.5.1 Packaging defects: 45 days
  
- 4.3 Case
  - 4.3.1 Fiber Box 10317/9999, plain
    - 4.3.1.1 Outer Dimensions: 9" x 8 5/16 "x 7 7/8"
    - 4.3.1.2 Inner Dimensions: 8 11/16" x 8" x 7 1/4"
    - 4.3.1.2 Cube: 0.341
  - 4.3.2 Markings
    - 4.3.2.1 Stencil UPC: 664857107376
    - 4.3.2.2 Case code as day of production  
251 8 W 44 07:15 (example)  
(Julian date)(year)(customer code)(production line)(production hour)
    - 4.3.2.3 Product description: Cheese Crafter 10737  
8/1.5 LB SLICE CHEESE  
MILD CHEDDAR NET WT 12 LBS.  
Dist. By: Winona Foods, Green Bay,  
WI 54313
  
- 4.4 Pallet Pattern
  - 4.4.1 25 cases per layer, 6 layers per load
  - 4.4.2 150 cases per pallet

## 5.0 Storage

- 5.1 35 – 45F

## 6.0 Nutritional Information

<b>Nutrition Facts</b>	
Serv. Size 1 slice (21g)	
Servings about 32	
<b>Amount per Serving</b>	
Calories 80	Fat Cal 60
	%DV
Total Fat 7g	11%
Sat. Fat 4g	20%
Trans Fat 0g	.
Cholest. 20mg	7%
Sodium 135mg	6%
Total Carb. 0g	0%
Fiber 0g	0%
Sugar 0g	.
Protein 5g	.
Vitamin A 6%	Vitamin C 0%
Calcium 15%	Iron 0%
Percent Daily Values are based on a 2,000 Caloric diet	

The information contained here in 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.

Version REV 04/02/10 JTS  
Supersedes 01/18/10 JTS

