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## Product Formulation Statement

Product Name: Pepperoni Bosco Sticks – 4-inch  
Manufacturer: Bosco's Pizza Co.  
Code No.: **703112-1120**

Serving Size 1 Bosco Stick = 44 grams (1.546 ounces).

**Meat/Meat Alternate:** Weight of equivalent M/MA is = **0.5 ounce** (14.18g).

This is based on the Ounces per Portion of Creditable Ingredients (Mozzarella cheese) from the Food Buyers Guide (FBG) multiplied times the FBG Yield/Servings per Unit (0.395 ounces x 1= 0.395 ounces) + (Pepperoni 0.125 x 0.9276 pepperoni equivalent\* = 0.11595 oz.). The total = 0.51095 ounces M/MA rounded down to the nearest ¼ ounce = 0.5 ounces.

\* Based on the meat equivalent of pepperoni using formula/yield calculations.

**Grains:** Does the product meet the Whole Grain-Rich Criteria: Yes  X  No


Does the product contain non-creditable grains: Yes  X  No   How many grams:  0.195g . Products with more than 0.24 oz. equivalent or 3.99 grams for Groups A-G and 6.99 grams for Group H of non-creditable grains may not credit towards the grain requirements for school meals.)

The product description in Food Buying Guide is: **Pizza Crust, Mozzarella Cheese, Pork, and Beef.**

The **whole grain** contribution of this product is 51% of the flour (8.931g). The remaining 49% of the flour is enriched. There is 17.513g of creditable grain in this product.

The portion size of the Product as Purchased divided by the weight of oz. eq. as listed in SP 30-2012 = **1.0 ounces** (17.513g ÷ 16g ounce equivalent = 1.095 ounces, rounded down to the nearest ¼ ounce = 1 ounce).

I further certify that all the above information is true and correct, and that a  1.546  ounce portion of this product (ready for serving) provides  0.5  ounce equivalent of M/MA, and  1.0  ounce equivalent grains, Records are available to support the information above. This product analysis supersedes all previously issued documents.

  
Signature

Food Safety Specialist  
Title

Michael Nagle  
Printed Name

August 8, 2014  
Date

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**Product 703112-1120**  
**4" Whole Grain**  
**Pepperoni Bosco Stick**

**Nutrition Facts**

Serving Size 1 Breadstick (44g)  
 Servings Per Container 144

Amount Per Serving		
<b>Calories</b> 120	Calories from Fat 40	
		% Daily Value*
<b>Total Fat</b> 4.5g		<b>7%</b>
Saturated Fat 2g		<b>10%</b>
Trans Fat 0g		
<b>Cholesterol</b> 10mg		<b>3%</b>
<b>Sodium</b> 230mg		<b>10%</b>
<b>Total Carbohydrate</b> 14g		<b>5%</b>
Dietary Fiber 1g		<b>4%</b>
Sugars 1g		
<b>Protein</b> 6g		
Vitamin A 2%	Vitamin C 0%	
Calcium 8%	Iron 4%	

\*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:

	Calories:	2,000	2,500
Total Fat	Less than	65g	80g
Saturated Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g

Calories per gram:  
 Fat 9 • Carbohydrate 4 • Protein 4

**INGREDIENTS:**

**CRUST:** FLOUR BLEND [WHOLE-WHEAT FLOUR, ENRICHED FLOUR (WHEAT FLOUR, NIACIN, REDUCED IRON, THIAMINE MONONITRATE, RIBOFLAVIN, ENZYME, FOLIC ACID)], WATER, BROWN SUGAR, CORN OIL, DOUGH CONDITIONER (SOYBEAN OIL, MONO AND DIGLYCERIDES, SOY FLAKES), SALT, VITAL WHEAT GLUTEN, YEAST, L-CYSTEINE. **LOW MOISTURE PART SKIM MOZZARELLA CHEESE:** PASTEURIZED PART SKIM MILK, CHEESE CULTURES, SALT, ENZYMES, **PEPPERONI:** PORK, BEEF, SALT, SPICES, SUGAR, LACTIC ACID STARTER CULTURE, PAPRIKA OLEORESIN, GARLIC POWDER, SPICE EXTRACTS, SODIUM NITRITE, BHA, BHT, CITRIC ACID. **SEASONING:** SALT, DEXTROSE, HYDROLYZED CORN PROTEIN, SPICES, TOMATO POWDER, GARLIC POWDER, CITRIC ACID, NATURAL AND ARTIFICIAL FLAVORS, NATURAL SMOKE FLAVOR, DISODIUM INOSINATE AND DISODIUM GUANYLATE, NOT MORE THAN 2% CALCIUM SILICATE AND SILICON DIOXIDE.

**CONTAINS: MILK, WHEAT.**

**NET WEIGHT 13.9 LBS. (6.3 KG)**  
**144 PACK**



This Product contributes 1/2 ounces per serving of equivalent Meat/meat alternate, and 1 Grain toward the meal pattern\*.

\*Based on the Ounce Equivalent of 16 grams of grain.

**Cooking Instructions**

**Thawing**

1. Thaw before cooking.
2. Keep Pepperoni Sticks covered while thawing.
3. Pepperoni Sticks may be thawed in packaging.
4. Pepperoni Sticks have 8 days shelf life when refrigerated.

**Convection Oven**

1. Preheat oven to 400° F.
2. Place Pepperoni Sticks on a baking sheet.
3. **THAWED:** 6-8 minutes.
4. Let stand 2 minutes before serving.

**CAUTION: FILLING MAY BE HOT!**

Oven temperatures may vary. Adjust cooking time and/or temperature as necessary. Top Pepperoni Sticks with butter and parmesan cheese (not included) after cooking. This product must be cooked thoroughly to an internal temperature of at least 165° F before serving.

Approved by: Michael Nagle, Date: August 8, 2014

Michael Nagle, M.S., Food Safety Specialist  
 Information is derived by calculation based on available data.

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