



SCHOOL FOODSERVICE

6-5 lb. Land O'Lakes Reduced Fat Macaroni and Cheese Entree with Whole Grain. Reduced Fat. 50% Less Fat than Regular Land O' Lakes Macaroni and Cheese. Contains 11g Fat compared with 21g Fat of regular Macaroni and Cheese with Whole Grain per Serving. Made with 51% Whole Grain Pasta. See nutrition information for fat, saturated fat & sodium content. Meal Contribution Credits per 6oz Serving: 2 m/ma and 1 oz. equivalent grain

**Product Code:** 43277000034500

Land O Lakes® Prepared 50% Reduced Fat Macaroni and Cheese with Whole Grain

### Ingredients

Cooked Enriched Whole Grain Pasta (water, whole durum wheat flour, semolina, egg whites, niacin, ferrous sulfate, thiamin mononitrate, riboflavin, folic acid), Reduced Fat American Cheese (cultured pasteurized milk and skim milk, salt, sodium phosphate, contains less than 2% of lactic acid, annatto and oleoresin paprika (color), vitamin A palmitate, enzymes), Water, Maltodextrin, Contains Less Than 2% of Natural Flavor, Autolyzed Yeast Extract, Butter (cream, salt), Food Starch-Modified, Xanthan Gum. CONTAINS: Milk, Wheat, Egg

### Specification Details

GTIN-Case:	10034500432778		
GTIN-Each:	00034500432771		
Shipping Requirements:	-15 to 0 F (Frozen)		
Storage Requirements:	Frozen (-15 to 0 F)		
Allergens (Known to Contain):	Eggs or Egg Products, Milk and Milk Products, Wheat and Related Grains		
Package Dimensions:	<b>Each</b>	<b>Case</b>	<b>Pallet</b>
	Height: 13.3 in	Height: 5.63 in	Height: 55.625 in
	Width: 8.8 in	Width: 12.63 in	Width: 40 in
	Depth: 1.5 in	Depth: 18.88 in	Depth: 48 in
	Volume: .1016 Cu. Ft	Volume: .77691 Cu. Ft	Volume: 61.80556 Cu. Ft
	Net Weight: 2268 g	Net Weight: 30 lb	Net Weight: 1890 lb
	Gross Weight: 2290 g	Gross Weight: 32.5 lb	Gross Weight (w/o pallet): 2112.5 lb
	Tare Weight: 22 g	Tare Weight: 2.5 lb	
Product Type:	Pallet		
Units Per Case:	6		
Cases/Layer:	7		
Number of Layers:	9		
Cases/Pallet:	63		
Whse Stacking Height:	1		
Lot Code Format:	Line 1: LOT,3 digit plant id, last digit of prod. year, 3 digit julian date, 2 digit line #_(military time, hh:mm)_(optional plant information) Line 2: EXP_mm_dd_yy(yy)_2 character plant code_(optional plant information)		
Product Shipping Policy:	Land O'Lakes products are coded with an Expiration Date. Land O'Lakes guarantees a minimum of 90 days of freshness from the date of shipment from Land O'Lakes warehouse facilities when product is handled and stored as recommended.		
Shelf Life:	This product has a total shelf life of 365 days from date of manufacture.		
Food Safety:	Land O'Lakes, Inc. regards Hazard Analysis Critical Control Points (HACCP) as the cornerstone of a food safety system. HACCP focuses on food safety by analysis and control of potential biological, chemical, and physical hazards. An internationally recognized system that is required by many customers, HACCP has been mandated for some industries by the FDA and USDA. All Land O'Lakes, Inc. Dairy Foods manufacturing facilities have targeted assessment programs for HACCP. In addition, Land O'Lakes, Inc. provides corporate guidance, oversight and assesses compliance of the systems.		
Quality Assurance:	Land O'Lakes maintains a quality assurance program that ensures the quality of all raw materials, process operating conditions, and finished product requirements. Please note that all information contained within this document is subject to change. Customer Service: 1-800-328-9610		
Preparation Type:	Ready to Eat		
Preparation Instructions:	Fully prepared product. Heat from a thawed state. See package for detailed preparation. Unopened pouch can be heated in steamer or boiling water until internal temperature reaches 165°F (about 35 - 40 min). Maintain hot holding temperature at 145°F. Use caution when opening pouch since product is very hot.		
Serving Suggestions:	Heat and serve entrée or side that can be served as-is or with additional meat and vegetable mix-ins for maximum versatility.		

Phone: 1-800-328-1322

Fax: 651-234-8522

Land O'Lakes, Inc., P.O. Box 64101, St. Paul, MN 55164  
Email: [businessinfo@landolakes.com](mailto:businessinfo@landolakes.com)

Website: [www.landolakes.com](http://www.landolakes.com)

Land O'Lakes, Inc. maintains a quality assurance program to ensure the quality of all raw materials, process operating conditions, and finished product requirements. Please note that the information contained within this document is subject to change. Such information is provided for customer's informational purposes only, and any other use by customer (including, but not limited to, its incorporation into customer's labeling), is at customer's own risk. Land O'Lakes shall have no resultant liability. Land O'Lakes disclaims all representations or warranties, express or implied, and expressly disclaims any warranty of merchantability or fitness for a particular purpose.



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<b>Nutrition – Per 100g</b>	
Vitamin A - mcg	81 mcg
Added Sugars	0.1 g
Vitamin D - mcg	0 mcg
Moisture	62 g
<b>Sodium</b>	<b>578 mg</b>
Potassium	126 mg
Phosphorus	371 mg
Iron	0.5 mg
Calcium	246 mg
Ash	3 g
<b>Cholesterol</b>	<b>18 mg</b>
Trans Fatty Acid	0.2 g
Polyunsaturated Fat	0.3 g
Monounsaturated Fat	1.5 g
Saturated Fat	3.5 g
<b>Total Fat</b>	<b>6 g</b>
Total Sugar	4 g
Dietary Fiber	1 g
Carbohydrates	18 g
<b>Protein</b>	<b>10 g</b>
<b>Calories</b>	<b>168 kcal</b>

<b>Nutrition Facts</b>	
9 servings per container	
<b>Serving size</b>	<b>1 cup (252g)</b>
<b>Amount per serving</b>	
<b>Calories</b>	<b>420</b>
	<b>% Daily Value*</b>
<b>Total Fat 16g</b>	<b>21%</b>
Saturated Fat 9g	<b>45%</b>
Trans Fat .5g	
<b>Cholesterol 45mg</b>	<b>15%</b>
<b>Sodium 1460mg</b>	<b>63%</b>
<b>Total Carbohydrate 46g</b>	<b>17%</b>
Dietary Fiber 2g	<b>7%</b>
Total Sugars 9g	
Includes 0g Added Sugars	<b>0%</b>
<b>Protein 25g</b>	<b>43%</b>
Vitamin D 0mcg	0%
Calcium 621mg	50%
Iron 1mg	6%
Potassium 320mg	6%
Vitamin A 164mcg	20%
* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.	

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<b>Nutrition Facts</b>	
13 servings per container	
<b>Serving size</b>	<b>2/3 cup (170g; 6oz)</b>
<b>Amount per serving</b>	
<b>Calories</b>	<b>290</b>
% Daily Value*	
<b>Total Fat 11g</b>	<b>14%</b>
Saturated Fat 6g	30%
Trans Fat 0g	
<b>Cholesterol 30mg</b>	<b>10%</b>
<b>Sodium 980mg</b>	<b>43%</b>
<b>Total Carbohydrate 31g</b>	<b>11%</b>
Dietary Fiber 2g	7%
Total Sugars 6g	
Includes 0g Added Sugars	0%
<b>Protein 17g</b>	
Vitamin D 0mcg	0%
Calcium 419mg	30%
Iron 1mg	6%
Vitamin A IU 111mcg	10%
Potassium 210mg	4%
* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.	

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# Land O'Lakes, Inc.

## Formulation Statement for Documenting Grains in School Meals

**(SY) 2017-2018**

*Crediting standards Based on Revised exhibit A weights per ounce equivalent (oz eq)*

School Food Authorities (SFAs) should include a copy of the label from the purchased product carton in addition to the following information on letterhead signed by an official company representative. Grain products may be credited based on previous standards through SY 2012-2013. The new crediting standards for grains (as outlined in Policy Memorandum SP 30 2012) must be used beginning SY 2013-2014. SFAs have the option to choose the crediting method that best fits the specific needs of the menu planner.

Product Name: Reduced Fat Macaroni and Cheese Entree with Whole Grain Code No.: 43277

Manufacturer: Land O'Lakes, Inc. Serving Size: 6 oz

**I. Does the product meet the whole grain-rich criteria:**  Yes  No  
(Refer to SP 30-2012 Grain Requirements for the National School Lunch Program and School Breakfast Program.)

**II. Does the product contain noncreditable grains:** Yes  No How many grams: \_\_\_\_\_  
(Products with more than 0.24 oz eq or 3.99 grams for Groups A-G and 6.99 grams for Group H of noncreditable grains may not credit towards the grain requirements for school meals.)

**III. Use Policy Memorandum SP 30-2012 Grain Requirements for the National School Lunch Program and School Breakfast Program: Exhibit A to determine if the product fits into Groups A-G (baked goods), Group H (cereal grains), or Group I (RTE breakfast cereals).** (Please be aware that different methodologies are applied to calculate servings of grain component based on creditable grains. Groups A-G use the standard of 16 grams creditable grain per oz eq; Group H uses the standard of 28 grams creditable grain per oz eq; and Group I is reported by volume or weight.)

Indicate to which Exhibit A Group (A-I) the product belongs: H

Description of Product per Food Buying Guide	Portion Size of Product as Purchased A	Weight of 1.0 ounce equivalent as listed in SP 30-2012 B	Creditable Amount <sup>1</sup> A ÷ B
Whole Grain Enriched Macaroni	28.33g	28g	1.0117g
<b>Total Creditable Amount<sup>2</sup></b>			<b>1.00</b>

<sup>1</sup> Total Creditable Amount must be rounded **down** to the nearest quarter (0.25) oz eq. Do **not** round up.

Total weight (per portion) of product as purchased 6 oz.

Total contribution of product (per portion) 1 oz equivalent

I certify that the above information is true and correct and that a 6 ounce portion of this product (ready for serving) provides 1 oz equivalent grains. I further certify that noncreditable grains **are not** above 0.24 oz eq. per portion. Products with more than 0.24 oz equivalent or 3.99 grams for Groups A-G or 6.99 grams for Group H of noncreditable grains may not credit towards the grain requirements for school meals.

DocuSigned by:  
Signature Joana Montenegro Title VP R&D  
52CB404C8D60461...

Printed Name Joana Montenegro Date 8/3/17 Phone Number 800-328-1322

# Land O'Lakes, Inc.



FOODSERVICE

## Product Formulation Statement (Product Analysis) for Meat/Meat Alternate (M/MA) Products School Year 2017 - 2018

Child Nutrition Program operators should include a copy of the label from the purchased product carton in addition to the following information on letterhead signed by an official company representative.

Product Name: Reduced Fat Macaroni and Cheese Entree with Whole Grain Code No.: 43277

Manufacturer: Land O'Lakes, Inc. Case/Pack/Count/Portion/Size: 6 /5 lb. pouches

### I. Meat/Meat Alternate

Please fill out the chart below to determine the creditable amount of Meat/Meat Alternate

\*Creditable Amount - Multiply ounces per raw portion of creditable ingredient by the FBG Yield Information.

Description of Creditable Ingredients per Food Buying Guide (FBG)	Ounces per Raw Portion of Creditable Ingredient	Multiply	FBG Yield/ Servings Per Unit	Creditable Amount *
Reduced Fat American cheese	2 oz.	X	1 oz.	2 m/ma
		X		
<b>A. Total Creditable M/MA Amount<sup>1</sup></b>				<b>2 m/ma</b>

### II. Alternate Protein Product (APP)

If the product contains APP, please fill out the chart below to determine the creditable amount of APP. If APP is used, you must provide documentation as described in Attachment A for each APP used.

Description of APP, manufacturer's name and code number	Ounces dry APP per portion	Multiply	% of Protein As-Is*	Divide by 18**	Creditable Amount APP***
		X		÷ by 18	
		X		÷ by 18	
		X		÷ by 18	
<b>B. Total Creditable APP Amount<sup>1</sup></b>					
<b>C. TOTAL CREDITABLE AMOUNT (A+B rounded down to nearest 1/4 ounce)</b>					<b>2 m/ma</b>

\*Percent of Protein As-Is is provided on the attached APP documentation.

\*\*18 is the percent of protein when fully hydrated.

\*\*\*Creditable amount of APP equals ounces of Dry APP multiplied by the percent of protein as-is divided by 18.

<sup>1</sup>Total Creditable Amount must be rounded **down** to the nearest 0.25oz (1.49 would round down to 1.25 oz. meat equivalent). Do **not** round up. If you are crediting M/MA and APP, you do not need to round down in box A (Total Creditable M/MA Amount) until after you have added the Total Creditable APP Amount from box B to box C.

Total weight (per portion) of product as purchased 6 oz.

Total creditable amount of product (per portion) 2 oz.

(Reminder: Total creditable amount cannot count for more than the total weight of product.)

I certify that the above information is true and correct and that a 6 ounce serving of the above product (ready for serving) contains 2 ounces of equivalent meat/meat alternate when prepared according to directions.

I further certify that any APP used in the product conforms to the Food and Nutrition Service Regulations (7 CFR Parts 210, 220, 225, 226, Appendix A) as demonstrated by the attached supplier documentation.

Joana Montenegro

Signature

VP R&D

Title

Joana Montenegro

Printed Name

8/3/17

Date