

## Milk's Inherent Nutrition Profile Is Tough To Match

There is an extensive body of research showing dairy's health benefits on critical issues related to public health.

## **Nutrient-rich profile in three simple ingredients:**

- 13 essential nutrients
- High quality protein
- No added sugars

## Milk is the leading food source of 3 of the 4 nutrients of public health concern' for children<sup>1</sup> and adults<sup>2</sup>

- Calcium
- Potassium<sup>3</sup>
- Vitamin D



<sup>\*</sup>Nutrients of public health concern: calcium, potassium, vitamin D and fiber

<sup>1.</sup> Keast DR, Fulgoni VL, Nicklas TA, O'Neil CE. Food sources of energy and nutrients among children in the United States: National Health and Nutrition Examination Survey 2003-2006. Nutrients. 2013;5:283-301.

<sup>2.</sup> O'Neil CE, Keast DR, Fulgoni VL, Nicklas TA. Food sources of energy and nutrients among adults in the US: NHANES 2003-2006. Nutrients. 2012;4:2097-120.

<sup>3.</sup> Low-fat milk provides 366 mg potassium per cup, 8% DV (USDA National Nutrient Database for Standard Reference Release 28 #01082). 4. 2020-2025 Dietary Guidelines for Americans. 9th Edition. 2020.

# NUTRITIONAL PROFILE of MILK COMPARED TO Unsweetened Almond Beverage



#### **CALORIES**

1% Milk 100 calories

Unsweetened Almond 40 calories

## **Did You Know?**

Milk contains 13 essential nutrients. Only Vitamin A and D are added to milk.

MACRONUTRIENTS"		
Per 8 oz.	<b>Unsweetened Almond</b>	1% Milk
Total Fat (g)	2.9	2.4
Saturated Fat (g)	0	1.5
Carbohydrate (g)	2	12
Sugars (g)	0	12
Added Sugar***(g)	0	0
Protein (g)	2	8

### **INGREDIENTS**

#### 1% Milk:

Low-Fat Milk Vitamin A Palmitate Vitamin D3

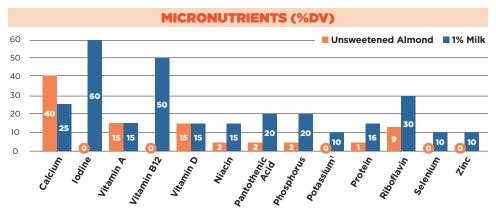
## 4 INGREDIENTS

#### **Unsweetened Almond':**

Almond Milk (Filtered Water, Almonds), Contains Less Than 2% of Calcium Carbonate, Dipotassium Phosphate, Sea Salt, Gellan Gum, Sunflower Lecithin, Natural Flavors, Xanthan Gum, Vitamin A Palmitate, Vitamin D2, D-Alpha-Tocopherol (Vitamin E)

12 INGREDIENTS

<sup>\*\*\*</sup>Added sugar for alternatives was calculated based on comparison to 8 fl. oz. unsweetened variety of each product



## **GOOD/EXCELLENT SOURCE**

SODIUM

1% Milk 13 essential nutrients, including protein

1% Milk

105 mg

**Unsweetened Almond** 

5 essential nutrients\*

Unsweetened Almond

54 ma

Low-fat milk: USDA NND SRR28 #01082. Alternative product: USDA NND SRR28 #14091

\*New %DV conversions were done to align with the Final Rule: Revision of the Nutrition and Supplement Facts Labels for nutrients available on product Nutrition Facts panel.

1. USDA FoodData Central. FDA's Daily Value (DV) for potassium of 4700 milligrams is based on a 2005 Dietary Reference Intake (DRI) recommendation. In 2019, the National Academies of Sciences, Engineering, and Medicine updated the DRI to 3400 milligrams. Based on the 2019 DRI, a serving of milk provides 10% of the DRI. FDA rule-making is needed to update this value for food labeling.

<sup>\*</sup>Based on review of USDA Agricultural Research Service FoodData Central

<sup>\*\*</sup>Nutrient composition based on USDA NND SRR28 #01082 and NND SRR28 #14091

# NUTRITIONAL PROFILE of MILK COMPARED TO Sweetened Almond Beverage



#### **CALORIES**

1% Milk 100 calories

Sweetened Almond 90 calories

## Did You Know?

A serving of almond beverage is not nutritionally equivalent to a serving of almonds.

MACRONUTRIENTS"			
Per 8 oz.	Sweetened Almond	1% Milk	
Total Fat (g)	3	2.5	
Saturated Fat (g)	0	1.5	
Carbohydrate (g)	16	12	
Sugars (g)	15	12	
Added Sugar***(g)	15	0	
Protein (g)	1	8	

#### **INCREDIENTS**

#### 1% Milk:

Low-Fat Milk Vitamin A Palmitate Vitamin D3

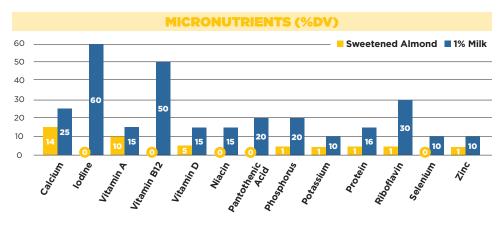
## 4 INGREDIENTS

#### Sweetened Almond':

Almond Milk (Filtered Water, Almonds), Cane Sugar, Calcium Carbonate, Natural Flavors, Sea Salt, Potassium Citrate, Sunflower Lecithin, Gellan Gum, Vitamin A Palmitate, Vitamin D2, D-Alpha-Tocopherol (Natural Vitamin E)

#### 12 INGREDIENTS

<sup>\*\*\*</sup>Added sugar for alternatives was calculated based on comparison to 8 fl. oz. unsweetened variety of each product



## **GOOD/EXCELLENT SOURCE**

SODILIM

1% Milk 13 essential nutrients, including protein\*

1% Milk

105 ma

**Sweetened Almond** 

10 essential nutrients\*

Sweetened Almond

168 mg

<sup>\*</sup>Based on review of USDA Agricultural Research Service FoodData Central

<sup>\*\*</sup>Nutrient composition based on USDA NND SRR28 #01082 and NND SRR28 #14016

## NUTRITIONAL PROFILE of MILK COMPARED TO **SOY BEVERAGE**



## **CALORIES**

1% Milk100 caloriesSoy Beverage122 calories

#### Did You Know?

Except for soy, 2020 Dietary Guidelines do not include alternative beverages as part of the Dairy group.<sup>1</sup>

MACRONUTRIENTS"			
Per 8 oz.	Soy Beverage	1% Milk	
Total Fat (g)	5	2.5	
Saturated Fat (g)	0.5	1.5	
Carbohydrate (g)	8	12	
Sugars (g)	6	12	
Added Sugar***(g)	5	0	
Protein (g)	7	8	

### **INGREDIENTS**

#### 1% Milk:

Low-Fat Milk Vitamin A Palmitate Vitamin D3

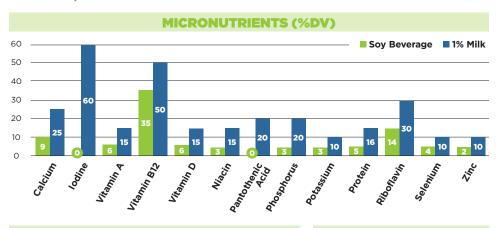
#### 4 INGREDIENTS

### Soy Beverage':

Soy Milk (Filtered Water, Soybeans), Cane Sugar, Tricalcium Phosphate, Calcium Carbonate, Vitamin A Palmitate, Vitamin D2, Riboflavin [B2], Vitamin B12, Sea Salt, Natural Flavor, Gellan Gum

#### 12 INGREDIENTS

1. 2020-2025 Dietary Guidelines for Americans. 9th Edition. 2020.



## **GOOD/EXCELLENT SOURCE**

#### SODIUM

1% Milk 13 essential nutrients, including protein\*

1% Milk

**Soy Beverage** 11 essential nutrients<sup>\*</sup>

Soy Beverage

105 mg 120 mg

<sup>\*</sup>Based on review of USDA Agricultural Research Service FoodData Central

<sup>\*\*</sup>Nutrient composition based on USDA NND SRR28 #01082 and NND SRR28 #16223

<sup>\*\*\*</sup>Added sugar for alternatives was calculated based on comparison to 8 fl. oz. unsweetened variety of each product

# NUTRITIONAL PROFILE of MILK COMPARED TO COCONUT BEVERAGE



## **CALORIES**

1% Milk 100 calories

Coconut Beverage 40 calories

## Did You Know?

Lactose is the natural sugar found in milk and is not considered added sugar.

MACRONUTRIENTS"			
Per 8 oz.	Coconut Beverage	1% Milk	
Total Fat (g)	5	2.5	
Saturated Fat (g)	5	1.5	
Carbohydrate (g)	7	12	
Sugars (g)	6	12	
Added Sugar***(g)	5	0	
Protein (g)	<1	8	

<sup>\*</sup>Based on review of USDA Agricultural Research Service FoodData Central

#### **INGREDIENTS**

### 1% Milk:

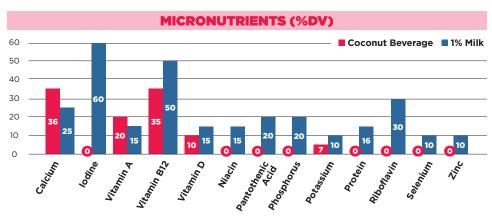
Low-Fat Milk Vitamin A Palmitate Vitamin D3

## 4 INGREDIENTS

### Coconut Beverage:

Coconut Milk (Filtered Water,
Coconut Cream), Contains
2% or Less of: Vitamin and
Mineral Blend (Calcium
Carbonate, Vitamin E Acetate,
Vitamin A Palmitate, Vitamin
D2, Vitamin B12), Dipotassium
Phosphate, Sea Salt,
Sunflower Lecithin, Gellan
Gum, Ascorbic Acid (Vitamin
C To Protect Freshness),
Natural Flavor

#### 13 INGREDIENTS



## **GOOD/EXCELLENT SOURCE**

**SODIUM** 

**1% Milk** 13 essential nutrients, including protein

1% Milk

105 mg

Coconut Beverage 5 essential nutrients Coconut Beverage

45 mg

Low-fat milk: USDA NND SRR28 #01082. Alternative product: USDA NND SRR28 #14091

<sup>\*\*</sup>Nutrient composition based on USDA NND SRR28 #01082 and NND SRR28 #14171

<sup>\*\*\*</sup>Added sugar for alternatives was calculated based on comparison to 8 fl. oz. unsweetened variety of each product

<sup>\*</sup>New %DV conversions were done to align with the Final Rule: Revision of the Nutrition and Supplement Facts Labels for nutrients available on product Nutrition Facts panel

## nutritional profile of milk compared to **Cashew Beverage**



## **CALORIES**

1% Milk100 caloriesCashew Beverage60 calories

#### **Did You Know?**

Cow's milk has only 3 simple ingredients: milk, Vitamin D and Vitamin A. Many alternatives can range between 8-14 ingredients.

MACRONUTRIENTS"		
Per 8 oz.	Cashew Beverage	1% Milk
Total Fat (g)	2.5	2.5
Saturated Fat (g)	0	1.5
Carbohydrate (g)	9	12
Sugars (g)	7	12
Added Sugar*** (g)	7	0
Protein (g)	1	8

#### **INGREDIENTS**

#### 1% Milk:

Low-Fat Milk Vitamin A Palmitate Vitamin D3

## **4 INGREDIENTS**

### Cashew Beverage':

Cashew Beverage (Filtered Water, Cashews), Contains 2% or Less of: Almonds, Vitamin and Mineral Blend (Calcium Carbonate, Vitamin E Acetate, Vitamin A Palmitate, Vitamin D2), Salt, Locust Bean Gum, Natural Flavor, Gellan Gum, Ascorbic Acid (Vitamin C To Protect Freshness)

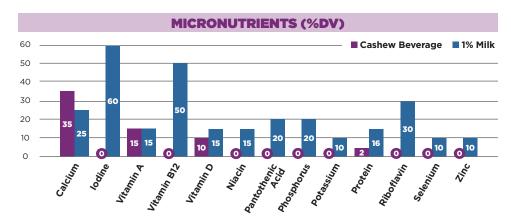
#### 12 INGREDIENTS

SODIUM

**GOOD/EXCELLENT SOURCE** 

<sup>\*\*\*</sup>Added sugar for alternatives was calculated based on comparison to 8 fl. oz. unsweetened variety of each product

\* Based on review of the following alternative products from USDA NND SRR28: 14091, 14016, 14054, 16223, 14171, 45179314, 14639



## 1% Milk 13 essential nutrients, including protein 1% Milk 105 mg Cashew Beverage 4 essential nutrients Cashew Beverage 160 mg

<sup>\*</sup>Based on review of USDA Agricultural Research Service FoodData Central

<sup>\*\*</sup>Nutrient composition based on USDA NND SRR28 #01082 and NND SRR28: 45179314

# NUTRITIONAL PROFILE of MILK COMPARED TO RICE BEVERAGE



## **CALORIES**

1% Milk100 caloriesCashew Beverage140 calories

## **Did You Know?**

Alternatives have no standard of identity and their nutrient profiles vary from brand to brand.

MACRONUTRIENTS"			
Per 8 oz.	Rice Beverage	1% Milk	
Total Fat (g)	2.5	2.5	
Saturated Fat (g)	0	1.5	
Carbohydrate (g)	22	12	
Sugars (g)	13	12	
Added Sugar***(g)	0	0	
Protein (g)	<1	8	

#### **INGREDIENTS**

#### 1% Milk:

Low-Fat Milk Vitamin A Palmitate Vitamin D3

### 4 INGREDIENTS

## Rice Beverage':

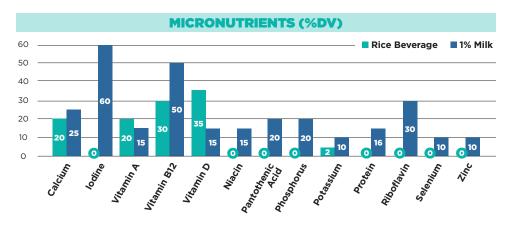
Filtered Water, Organic Brown Rice Organic Expeller Pressed, Canola Oil/Organic Safflower Oil/Organic Sunflower Oil, Tricalcium Phosphate, Sea Salt, Vitamin A Palmitate, Vitamin D2, Vitamin B12

#### **8 INGREDIENTS**

**SODIUM** 

**GOOD/EXCELLENT SOURCE** 

<sup>\*\*\*</sup>Added sugar for alternatives was calculated based on comparison to 8 fl. oz. unsweetened variety of each product



## 1% Milk13 essential nutrients, including protein1% Milk105 mgRice Beverage5 essential nutrientsRice Beverage100 mg

<sup>\*</sup>Based on review of USDA Agricultural Research Service FoodData Central

<sup>\*\*</sup>Nutrient composition based on USDA NND SRR28 #01082 and NND SRR28 #14639