



## Vanilla RTD Beverage:

### Simplistica BV 1325

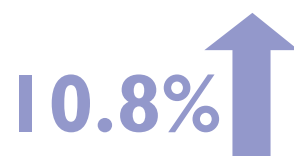
Simplistica BV 1325 ingredient system is designed to give formulators the foundation needed to develop dairy-free ready to drink (RTD) beverages. Simplistica BV 1325 can be used to develop a wide range of beverages from plant-based milks to high protein nutritional beverages.

This vanilla flavored RTD beverage has a pea protein base which delivers 19 grams of protein per 11oz serving (312g).

Simplistica BV 1325 ingredient system addresses a variety of formulating challenges. Developing a dairy alternative beverage typically requires the addition of certain ingredients to match the nutritional and textural benefits of dairy, such as a plant-based oil. Because dairy contains natural emulsifiers, these dairy alternative beverages require ingredients that help emulsify that added oil. Simplistica BV 1325 ingredient system provides emulsification for oil based ingredients and stabilization to avoid insoluble particulate sedimentation and separation.

As consumers continue to seek ingredient and label transparency in the food and beverage market, Simplistica BV 1325 ingredient system enables formulators to deliver a great tasting, nutritional beverage that is label friendly.

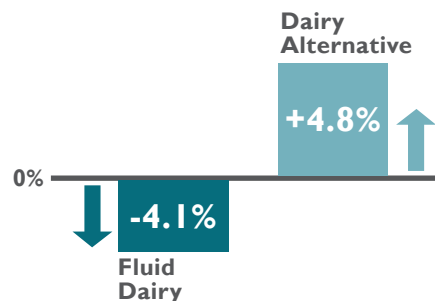
## Consumer Clean Trends:



From 2010-2017, product launches with front-of-package protein claims has grown at a compounded annual growth rate of 10.8%<sup>1</sup>



The projected global dairy alternative market for 2018 is \$16.3 billion<sup>1</sup>



From 2015-2017, fluid dairy product sales went down 4.1% compared to dairy alternative product sales that went up 4.8%<sup>2</sup>

## Vanilla RTD Beverage: Simplistica™ BV 1325

Ingredients	%
Water	86.65
Simplistica BV 1325	8.40
Organic Cane Sugar	3.00
Organic Sunflower Oil	1.00
Natural Flavor	0.95
<b>Total</b>	<b>100.00</b>

### Procedure:

1. Slowly disperse and hydrate Simplistic BV 1325 in water for 30 minutes using a Heidolph shear mixer at 400 RPM- adjust speed accordingly to avoid foaming.
2. Add the remaining ingredients and mix for 5 minutes.
3. Shear for 2 minutes using a Silverson high shear mixer at 10,000 RPM.
4. Heat to 145°C (65°C pre-heat) and hold for 4 seconds using direct steam injection.
5. Flash cool at 65°C.
6. Homogenize downstream at 2000 psi stage 1 and 500 psi stage 2.
7. Fill cold <10°C into sterile bottles from a clean fill hood.
8. Refrigerate at 2°C and store up to 1 month.

## Nutrition Facts

servings for container	
<b>Serving Size</b>	<b>(312g)</b>
Amount per Serving	
<b>Calories</b>	<b>160</b>
% Daily Value*	
Total Fat 5g	6%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 360mg	16%
Total Carbohydrate 11g	4%
Dietary Fiber 0g	0%
Total Sugars 9g	
Including 9g Added Sugars	
Protein 19g	
Vitamin A 0mcg	0%
Calcium 39mg	4%
Iron 0mg	0%
Vitamin C 32mg	0%

\*The % Daily Value 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.

### Label Declaration:

Water, Pea Protein, Organic Cane Sugar, Less than 1% of: Organic Sunflower Oil, Natural Flavor, Acacia, Gellan Gum



<sup>1</sup> Innova Market Insights  
<sup>2</sup> IRI; Sales in pounds in United States