



Plant-Based Cashew Yogurt: Simplistica YG 3206

Simplistica YG 3206 is an ingredient system from TIC Gums that leverages faba bean protein concentrate and stabilizers for an optimized ingredient system to use in plant-based yogurts fortified with protein. The ingredient system allows developers to simplify the formulating process and speed to market.

To showcase the functionality of Simplistica YG 3206 ingredient system in plant-based yogurt formulations, TIC Gums has developed a cashew-based yogurt prototype.

The ingredient system addresses the common challenges to working with vegan formulations, from maintaining protein levels in line with dairy counterparts to protecting texture and taste. This cashew-based yogurt with Simplistica YG 3206 ingredient system delivers five grams of protein and an enjoyable eating experience.

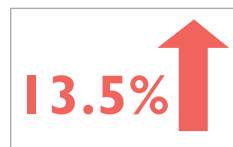
Consumer Clean Trends:



Plant-based yogurt sales growth from 2016-2017¹



Consumers who consume plant based dairy alternatives more than once a week²



Compounded annual growth rate from 2012-2017 of new non-dairy yogurt launches in the US³

¹ IRI, 2017 Data
² Innova Market Insights, Plant Based Survey 2017
³ Innova Market Insights

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Ingredients	%
Water	81.73
Simplistica YG 3206	8.27
Sugar	6.50
Cashew Butter	3.00
Natural Flavor	0.40
Turmeric	0.10
Total	100.00

Procedure:

1. Combine all dry ingredients.
2. Add water (65°C) and cashew butter to batch tank. High shear mix for 2 minutes at 10000 rpm.
3. Add dry blend to batch tank and mix for 15 minutes.
4. HTST Process: Preheat 55°C, Main Heat 88°C for 3 minutes, Upstream Homogenization 100 (70/30) bar
5. Collect and culture at 40°C using Chr. Hansen YoFlex YF-L02 DA at 0.02%.
6. Break at pH 4.5-4.6, and move to refrigerated temperature.

Nutrition Facts

servings for container	
Serving Size	(150g)
Amount per Serving	
Calories	100
% Daily Value*	
Total Fat 2.5g	3%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 10mg	0%
Total Carbohydrate 17g	6%
Dietary Fiber 0g	4%
Total Sugars 10g	
Includes 10g Added Sugars	20%
Protein 5g	
Vitamin D 0mcg	0%
Calcium 27mg	0%
Iron 1mg	6%
Potassium 312mg	6%

*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, Sugar, Faba Bean Protein, Cashew Butter, Tapioca Flour, Natural Flavors, Turmeric, Agar, Cultures

Contains live and active cultures: *Bifidobacterium* spp., *Lactobacillus acidophilus*, *Lactobacillus delbrueckii* subsp. *bulgaricus*, *Lactobacillus paracasei*, *Streptococcus thermophilus*

