



Simplistica™ BV 1325

Simplistica™ BV 1325 is used to provide protein, texture, and stability in one system giving formulators the foundation necessary to develop dairy-free ready to drink (RTD) beverages. The label friendly combination of pea protein isolate, gum acacia, and gellan gum will boost the nutritional profile and stability of any base non-dairy milk. This system provides emulsification traits that mimic the natural emulsifiers of dairy products. Simplistica™ BV 1325 requires 185°F for complete activation.

Analytical

| | Min. | Max. | |
|---------------|------|------|-----|
| RVA Viscosity | 100 | 300 | cps |

Chemical and Physical Properties

| | Min. | Max. | |
|-----------------------|---------------------|------|---|
| Flavor (Typical) | Bland | - | |
| Moisture (Infrared) | 0 | 15 | % |
| Odor (Typical) | Characteristic | - | |
| pH | 5 | 8 | - |
| Powder Color (Visual) | Off White-Light Tan | - | |
| Texture (Qualitative) | Free Flowing Powder | - | |

Microbiological

| | Min. | Max. | |
|---|----------------|------|-----|
| Aerobic Plate Count (AOAC 988.18, 2.5g) | 0 | 5000 | cfu |
| Combined Yeast and Mold (BAM) | 0 | 500 | /g |
| E. coli (AOAC 988.19) | <3 MPN | /g | |
| S. aureus (BAM) | Negative /10g | - | |
| Salmonella - 375g (AOAC 2013.01) | Negative /375g | - | |
| Total Coliforms (AOAC 966.24) | <3 MPN | /g | |

Screen Test

| | Min. | Max. | |
|-----------------|------|------|---|
| USS#270 Mesh ON | 60 | 90 | % |
| USS#80 Mesh On | 0 | 25 | % |

Nutritional Data/100g

| | |
|---------------------------|---------|
| Calories | 377 |
| Total Fat (g) | 7.44 |
| Saturated Fat (g) | 1.44 |
| Trans Fat (g) | 0.00 |
| Monounsaturated Fat (g) | 0.00 |
| Polyunsaturated Fat (g) | 0.00 |
| Cholesterol (mg) | 0.00 |
| Total Carbohydrates (g) | 7.24 |
| Dietary Fiber (2016) (g) | 6.18 |
| Total Sugars (g) | 0.00 |
| Includes Added Sugars (g) | 0.00 |
| Protein (g) | 74.22 |
| Water (g) | 0.46 |
| Ash (g) | 4.68 |
| Vitamin D (mcg) | 0.00 |
| Sodium (mg) | 1121.19 |
| Calcium (mg) | 116.30 |
| Iron (mg) | 20.69 |
| Potassium (mg) | 126.40 |

Disclaimer: Data is obtained from analytical and calculated values and is reported on an "as is" basis. In accordance with the 2016 Nutrition Facts Label regulations all 'non-digestible carbohydrates' (NDC's) have been calculated as 2 kCal / gram, opposed to 4 kCal.

Certification

Kosher
Halal

Packaging and Storage

| | |
|--------------------|--|
| Standard Packing | 50# Bags, 2,000# per pallet |
| Storage & Handling | Each container is identified with the product name and lot number. Store in cool dry place for maximum shelf life. |

Shelf Life

| | |
|------------|---------|
| Shelf-Life | 2 years |
|------------|---------|

Usage Levels

| | |
|---------------------|---|
| Typical Usage Level | N/A |
| Solubility | For complete hydration, heat to 185°F or higher |
| Suggested Uses | Beverages, Non-Dairy |

Regulatory Data

| | |
|-------------------|---|
| CAS # | No CAS, 9000-01-5, 71010-52-1 |
| E # | NA, 414, 418 2106.90 |
| Country of Origin | Made in the USA from Domestic and/or Imported Ingredients |
| USDA (BE) Status | Not Bio-Engineered |
| United States | |
| FDA Regulation | 21 CFR NA, 184.1330, (EU) No 231/2012 |
| Label Declaration | Pea Protein, Gum Acacia, Gellan Gum |

Effective Date: March 1, 2024

Next Review Date: March 1, 2027

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5 Westbrook Corporate Ctr.
Westchester, Illinois 60154
U.S.A.
708.551.2600

1600 – 90 Burnhamthorpe Rd.,
West Mississauga, Ontario L5B
0H9 Canada
905.281.7950