

Simplistica™ BV 0358

Simplistica™ BV 0358 is an ingredient system for reduced sugar beverages that does not compromise its original texture or sweetness. The system is made from a combination of a natural sweetener and a single-ingredient hydrocolloid. The sweetener is a high-purity stevia that has less bitterness and aftertaste than other stevia sweeteners while the texture is derived from acacia sap which retains the structure that can be lost by sugar replacement. Simplistica™ BV 0358 in a flavored water with 50% reduced sugar matches the sensory beverage with its full sugar control.

Analytical

	Min.	Max.	
Stevia Glycosides by HPLC Panel	1.80	2.20	%

Chemical and Physical Properties

	Min.	Max.	
Flavor (Typical)	Characteristic	-	
Moisture (Infrared)	0	11	%
Odor (Typical)	Nearly Odorless	-	
pH (viscosity solution)	4.0	5.5	pH
Powder Color (Visual)	Off White-Light Tan	-	
Texture (Qualitative)	Free Flowing Powder	-	
Viscosity (30.0%,LV@60rpm)	0	300	cps

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)	<10 cfu		/g
Salmonella - 375g (AOAC 2013.01)	Negative /375g		-
Total Coliforms (AOAC 966.24)	<3 MPN		/g

Screen Test

	Min.	Max.	
USS#140 Mesh Through	70	100	%
USS#80 Mesh Through	80	100	%

Nutritional Data/100g

Calories	173.00
Total Fat (g)	0.26
Saturated Fat (g)	0.18
Trans Fat (g)	0.00
Monounsaturated Fat (g)	0.06
Polyunsaturated Fat (g)	0.06
Cholesterol (mg)	0.00
Total Carbohydrates (g)	84.54
Dietary Fiber (2016) (g)	83.3
Total Sugars (g)	0.00
Includes Added Sugars (g)	0.00
Protein (g)	0.78
Water (g)	9.88
Ash (g)	3.93
Vitamin A (IU)	0.00
Vitamin D (mcg)	0.00
Vitamin C (mg)	0.00
Sodium (mg)	549.78
Calcium (mg)	931.00
Iron (mg)	2.35
Potassium (mg)	196.98

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

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
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Usage Levels

Typical Usage Level	0.5% to 2.0%
Solubility	Cold Water Soluble
Suggested Uses	Beverages

Regulatory Data

CAS #	9000-01-5, 63279-13-0, 58543-16-1
E #	414, 960
HS Tariff #	2106.90
Country of Origin	Made in the USA from Domestic and/or Imported Ingredients
GMO Status	Non-GMO
USDA (BE) Status	Not BE
United States	
FDA Regulation	21 CFR 184.1330, GRAS
Label Declaration	Acacia, Steviol Glycosides

Date Updated: November 11, 2022

Next Review Date: November 11, 2025

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