



PRODUCT DATA SHEET

Product: Natural Bitter Blocker FL SD
Product Code: 7237023
Issue Date: 7/13/2022

PHYSICAL DATA:

Quality Attribute	Specification: Target (Range)
Appearance	Light Brown Powder
Aroma	Non-descript
Taste	Non-descript
Expected Shelf Life	24 Months
Recommended Storage Conditions	Closed container in a cool dry place 15-30C
Declarations	Vegan, Vegetarian, Natural, Kosher Certified, GMO Free (PCR Negative)
Allergens	None
Ingredient Declaration	Maltodextrin, Natural Flavors
Label Declaration	All flavor ingredients in the product are approved for use in a regulation of the Food and Drug Administration or are generally recognized as safe from reliably published association lists
Pack-Off	Product packaged at 50 pound increments in a food grad polyethylene lined corrugate box.

Analytical/Microbiological Specifications:

Analysis	Specification	Method
Aerobic Plate Count	<=1,000 cfu/g	AOAC 990.12
Coliforms	<=100 cfu/g	AOAC 991.14
Escherichia coli	Negative	USP <2022>
Staphylococcus Aureus	Negative	USP <2022>
Salmonella	Negative /25g	USP <2022>
Lead	<=5.0 ppm	ICP-MS
Cadmium	<=1.0 ppm	ICM-MS
Arsenic	<=3.0 ppm	ICP-MS
Mercury	<=1.0 ppm	DMA
Yeast & Mold	<=100 cfu/g	AOAC 997.02

Sensapure Bitter Blocker (Amino) Flavor Natural Type (7237023)

Sold by Sensapure Flavors

Supplier: Sensapure Flavors

Flavor Description: Sensapure has a range of bitter blockers and maskers that work well to subtly hide unwanted flavors. With this flavor it is easy to mask strong salty flavors, or amino acids that are overpowering your product, without leaving an aftertaste.

End Use Application: Powdered Nutrition Drinks, Food Products

Solubility: Water Soluble

Use Level: 0.2-2.0% w/w (and up depending on final application)

Sample Size: 25g

Physical Form: Powder/Spray Dry

Certifications & Compliance: FDA Approved, Kosher, Halal

Labeling Claims: Natural

Flavor: Bitter Blocker (Amino)

End Uses: Alcoholic Beverages, Baby Meals & Sides, Baby Snacks, Beer, Beverage Mixes, Beverage Products, Breath Fresheners, Candies, Caramels, Carbonated Drinks, Cereal Bars, Chewing Gum, Chews, Chewy Sweets, Chocolate Bars, Chocolate Drinks, Chocolate Milk, Chocolate Spreads, Chocolates, Coffee Whiteners, Compound Chocolate Coating, Compound Ice Cream Coating, Condensed Milk, Confectionery Coatings, Confectionery Products, Confiture, Craft Beer, Cream Liquors, Dairy Based Desserts, Dairy Desserts, Dairy Drinks, Dairy Products, Dessert Toppings, Dietary Supplements, Encapsulated Flavors, Energy Bars, Energy Drinks, Fermented Milk Products, Desserts, Filling Applications, Flavored Water, Frostings, Frozen Bakery Products, Frozen Desserts, Frozen Soft Serve, Fruit Bars, Fruit Based Preparations, Fruit Based Toppings, Fruit Juice, Fruit Purees, Fudge, Functional Beverages, Functional Foods, Glazes, Gum Bases, Gummies, Hard Boiled Candy, Ice Cream, Icing, Jams, Jellies, Juices, Licorice, Lollipops, Malt Beverages, Marmalades, Milkshake, Mints, Mousse, Nectars, Non-Alcoholic Beverages, Non-Dairy Whipped Topping, Nougat, Nutraceuticals, Nutritional Bars, Nutritional Dessert Cream, Nutritional Snacks, Panned Confectionery, Plant Based Dairy Alternatives, Popsicles, Protein Bars, Protein Drinks, Protein RTD Formulas, Protein Shakes, Puddings, RTE Dough, Smoothies, Soft Chews, Sorbet, Sports Drinks, Sports Nutrition, Syrups, Tabletop Condiments, Tablets, Vegetable Juice, Vegetable Purees, Weight Management Products, Whipping Cream, Wine, Wine Gums, Yogurt, Yogurt Mixes

Identification & Functionality

Flavor: Bitter Blocker (Amino)

Flavor Family: Flavor Enhancers

Flavor Ingredient Class: Flavors

Food Ingredients Functions: Flavoring Agent

Technologies: Food Ingredients

Product Families: Food Ingredients – Taste & Flavor, Flavoring Ingredients

General Description: Sensapure has a range of bitter blockers and maskers that work well to subtly hide unwanted flavors. With this flavor it is easy to mask strong salty flavors, or amino acids that are overpowering your product, without leaving an aftertaste.

Features & Benefits

Labeling Claims: Natural

Applications & Uses

Markets: Food & Nutrition, Sports Nutrition

Applications:

Beverage – Alcoholic Beverages, Beer, Beverage Mixes, Beverage Products, Carbonated Drinks, Chocolate Drinks, Chocolate Milk, Coffee Whiteners, Condensed Milk, Craft Beer, Cream Liquors, Dairy Drinks, Energy Drinks, Fermented Milk Products, Flavored Water, Fruit Juice, Functional Beverages, Malt Beverages, Marmalades, Milkshake, Nectars, Non-Alcoholic Beverages, Protein Drinks, Protein RTD Formulas, Protein Shakes, Smoothies, Sports Drinks, Sports Nutrition, Syrups, Vegetable Juice, Vegetable Purees, Wine

Food – Baby Meals & Sides, Baby Snacks, Breath Fresheners, Candies, Caramels, Cereal Bars, Chewing Gum, Chews, Chewy Sweets, Chocolate Bars, Chocolate Spreads, Chocolates, Compound Chocolate Coating, Compound Ice Cream Coating, Confectionery Coatings, Confectionery Products, Confiture, Dairy Based Desserts, Dairy Desserts, Dairy Products, Dessert Toppings, Dietary Supplements, Encapsulated Flavors, Energy Bars, Desserts, Filling Applications, Frostings, Frozen Bakery Products, Frozen Desserts, Frozen Soft Serve, Fruit Bars, Fruit Based Preparations, Fruit Based Toppings, Fruit Purees, Fudge, Functional Foods, Glazes, Gum Bases, Gummies, Hard Boiled Candy, Ice Cream, Icing, Jams, Jellies, Juices, Licorice, Lollipops, Mints, Mousse, Non-Dairy Whipped Topping, Nougat, Nutraceuticals, Nutritional Bars, Nutritional Dessert Cream, Nutritional Snacks, Panned Confectionery, Plant Based Dairy Alternatives, Popsicles, Protein Bars, Puddings, RTE Dough, Soft Chews, Sorbet, Tabletop Condiments, Tablets, Whipping Cream, Wine Gums, Yogurt, Yogurt Mixes

Nutrition & Well Being – Dietary Supplements, Encapsulated Flavors, Functional Beverages, Nutraceuticals, Nutritional Bars, Nutritional Dessert Cream, Nutritional Snacks, Plant Based Dairy Alternatives, Protein Bars, Protein Drinks, Protein RTD Formulas, Protein Shakes, Smoothies, Tablets, Vegetable Juice, Vegetable Purees, Weight Management Products

Sports Nutrition – Energy Bars, Energy Drinks, Flavored Water, Functional Beverages, Non-Alcoholic Beverages, Nutraceuticals, Nutritional Bars, Nutritional Dessert Cream, Nutritional Snacks, Plant Based Dairy Alternatives, Protein Bars, Protein Drinks, Protein RTD Formulas, Protein Shakes,

Smoothies, Sports Drinks, Sports Nutrition, Tablets, Vegetable Juice, Vegetable Purees, Weight Management Products

Food & Nutrition Applications: Alcoholic Beverages, Baby Meals & Sides, Baby Snacks, Beer, Beverage Mixes, Beverage Products, Breath Fresheners, Candies, Caramels, Carbonated Drinks, Cereal Bars, Chewing Gum, Chews, Chewy Sweets, Chocolate Bars, Chocolate Drinks, Chocolate Milk, Chocolate Spreads, Chocolates, Coffee Whiteners, Compound Chocolate Coating, Compound Ice Cream Coating, Condensed Milk, Confectionery Coatings, Confectionery Products, Confiture, Craft Beer, Cream Liquors, Dairy Based Desserts, Dairy Desserts, Dairy Drinks, Dairy Products, Dessert Toppings, Dietary Supplements, Encapsulated Flavors, Energy Bars, Energy Drinks, Fermented Milk Products, Desserts, Filling Applications, Flavored Water, Frostings, Frozen Bakery Products, Frozen Desserts, Frozen Soft Serve, Fruit Bars, Fruit Based Preparations, Fruit Based Toppings, Fruit Juice, Fruit Purees, Fudge, Functional Beverages, Functional Foods, Glazes, Gum Bases, Gummies, Hard Boiled Candy, Ice Cream, Icing, Jams, Jellies, Juices, Licorice, Lollipops, Malt Beverages, Marmalades, Milkshake, Mints, Mousse, Nectars, Non-Alcoholic Beverages, Non-Dairy Whipped Topping, Nougat, Nutraceuticals, Nutritional Bars, Nutritional Dessert Cream, Nutritional Snacks, Panned Confectionery, Plant Based Dairy Alternatives, Popsicles, Protein Bars, Protein Drinks, Protein RTD Formulas, Protein Shakes, Puddings, RTE Dough, Smoothies, Soft Chews, Sorbet, Sports Drinks, Sports Nutrition, Syrups, Tabletop Condiments, Tablets, Vegetable Juice, Vegetable Purees, Weight Management Products, Whipping Cream, Wine, Wine Gums, Yogurt, Yogurt Mixes

Properties

Physical Form: Powder

Solubility: Water Soluble

Odor: Match Standard

Taste: Match Standard

Regulatory & Compliance

Certifications & Compliance: FDA Approved

Storage & Handling

Shelf Life: 12 Months

Storage Condition: Store in full, tightly sealed containers. Protect from air, heat, and light.

Packaging & Availability

Regional Availability: Global