



Document Title: Technical Product Specification – Organic Acai Sorbetter			
Document Identification	Organic Acai Sorbetter Tech Spec		Version 3
Effective Date: Immediately	Revised Date: 07/15/24	Supersedes Revised Date: 09/29/23	Date Created: 01/17/2023
Created By: Joanna Saad	R&D Approval: Joanna Saad	QA Approval: Carlin Tran	

PRODUCT DESCRIPTION:

Name: Organic Acai Sorbetter

Our acai sorbet is processed from organic acai, sweeteners, and gums with added blend of guava, mango and lemon fruit extracts added for “energy” functionality through an excellent source of B vitamins.

Ingredients: INGREDIENTS: Organic Acai Puree (Water, Organic Acai, Less than 0.5% Citric Acid), Filtered Water, Organic Cane Sugar, Organic Tapioca Syrup, Organic Lemon Juice, Organic Locust Bean Gum, Organic Guar Gum, Pectin, Organic Blend of Guava, Mango, and Lemon Fruits Extracts.

Allergens: None

Country of Origin: USA

Nutrition Facts	
Serving size	2/3 cup (125g)
Amount per serving	
Calories	160
% Daily Value*	
Total Fat 4g	5%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 10mg	0%
Total Carbohydrate 31g	11%
Dietary Fiber 2g	7%
Total Sugars 22g	
Includes 21g Added Sugars	42%
Protein 1g	
Vitamin D 0mcg	0%
Calcium 32mg	2%
Iron 1mg	6%
Potassium 88mg	2%
Vitamin A 74mcg	8%
Thiamin 0.3mg	25%
Riboflavin 0.3mg	25%
Niacin 3mg	20%
Vitamin B ₆ 0.4mg	25%
Pantothenic Acid 1mg	20%
*The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2,900 calories a day is used for general nutrition advice.	

GENERAL REQUIREMENTS:

- In conformance to FDA guidelines for cGMPs and Food Safety Modernization Act with proper Food Safety Plan / HACCP Plan.
- Sanitation and Allergen controlled facility.
- Global Food Safety Initiative (GFSI) active and certified facility
- Free from defects of all other extraneous, foreign, or non-conforming substances which will affect the safety, appearance and edibility of the product.
- Free from all non-declared allergens.

PACKAGING AND STORAGE REQUIREMENTS:

- Product shall be transported in a sealed, appropriately temperature controlled, and sanitary manner.

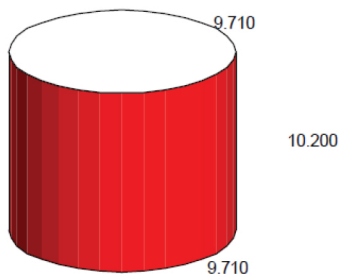
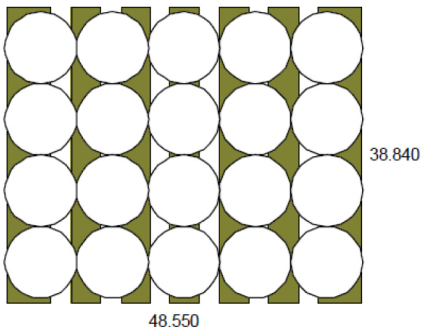
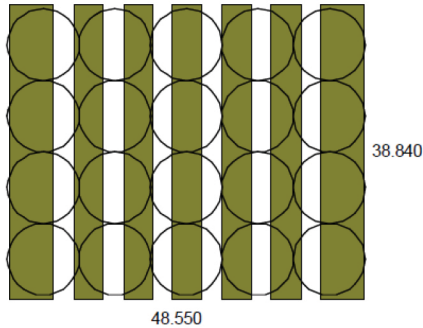
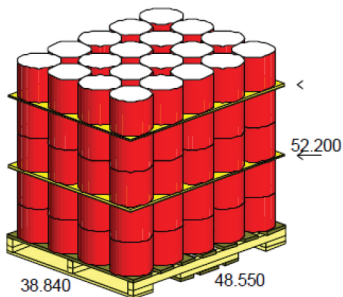


- Temperature: -10F to 0F / -23C to -18C

3-gallon tubs pallet configuration

Load Ref.	1 R	
Cube Used	67.2 %	20 Cylinder/Drum / Layer
Area Used	77.1 %	5 Layer / Load
Pallet type	48X40	100 Cylinder/Drum / Load

	Length	Width	Height	Net	Gross	Volume
Cylinder(OD)	9.710	9.710	10.200 in	20.000	20.000 lb	0.44 cuft
Product	48.550	38.840	52.200 in	2000.000	2000.000 lb	56.96 cuft
Load	48.550	40.000	57.700 in	2000.000	2052.560 lb	64.85 cuft

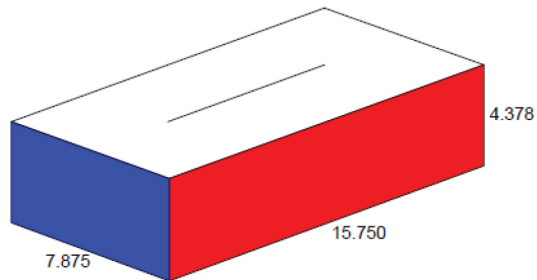
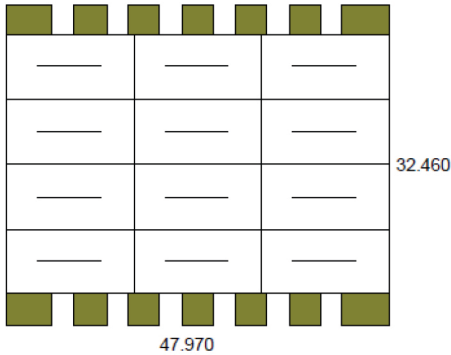
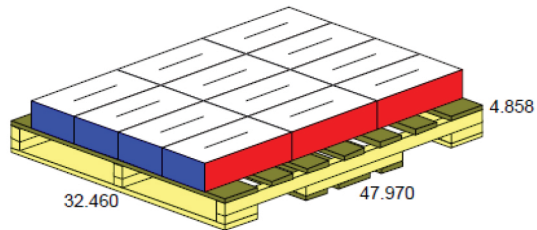
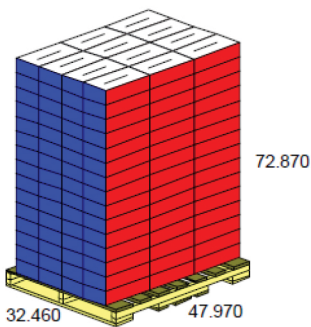




Pint 8-pack cases pallet configuration

Load Ref.	1 C		
Cube Used	79.3 %	12	Case / Layer
Area Used	81.1 %	15	Layer / Load
Pallet type	48X40	180	Case / Load

	Length	Width	Height	Net	Gross	Volume
Case (ID)	15.750	7.875	4.378 in	4.700	4.700 lb	0.31 cuft
Case (OD)	15.990	8.115	4.858 in	4.700	4.700 lb	0.36 cuft
Product	47.970	32.460	72.870 in	846.000	846.000 lb	65.66 cuft
Load	48.000	40.000	78.370 in	846.000	896.000 lb	87.08 cuft



PHYSICAL PROPERTIES:

Color:	Dark purple (combination of purple/indigo)
Flavor and Taste:	Characteristic of acai: Slightly sweet, with slight earthy hints
Texture:	Lightly creamy and homogeneous
Aroma:	Characteristic of acai: pleasantly earthy, light, no off aromas



CHEMICAL PROPERTIES:

Brix Range: 27°

PH: 4.75

MICROBIOLOGICAL PROPERTIES:

Test	Approved Method	Limits
Aerobic Plate Count	BAM or AOAC	<10,000 cfu/g
Yeast and Mold	BAM or AOAC	<1,000 cfu/g
Total Coliform	BAM or AOAC	<10 cfu/g
E. coli	BAM or AOAC	Negative
Salmonella sp.	BAM or AOAC	Negative
Listeria monocytogenes	BAM or AOAC	Negative
Staphylococcus aureus	BAM or AOAC	Negative

REVISION HISTORY:

Date	File Name	Ver.	Editor	Reason for Change
01/17/2023	Acai Sorbet Organic Tech Spec	1.0	Joanna Saad	Creation
09/29/2023	Organic Acai Sorbetter Tech Spec	2	Carlin Tran	Edited Names and Ingredient List
07/15/24	Organic Acai Sorbetter Tech Spec	3	Joanna Saad	Added pallet specs