



Pitaya Foods

5076 Santa Fe Street Suite F
San Diego CA 92109

Document Title: Technical Product Specification – Organic Dragon Fruit Sorbetter			
Document Identification	Organic Dragon Fruit Sorbetter Tech Spec		Version 4
Effective Date: Immediately	Revised Date: 09/08/2025	Supersedes Revised Date: 07/15/24	Date Created: 04/03/2023
Created By: Joanna Saad	R&D Approval: Joanna Saad		QA Approval: Carlin Tran

PRODUCT DESCRIPTION:

Name: Organic Dragon Fruit Sorbetter

Our dragon fruit sorbet is processed from organic dragon fruit, sweeteners, and gums with added Annatto Extract added for “antioxidant” functionality through an excellent source of Vitamin E

Ingredients: Organic Dragon Fruit Puree, Filtered Water, Organic Cane Sugar, Organic Tapioca Syrup, Organic Lemon Juice, Organic Locust Bean Gum, Organic Guar Gum, Pectin, Organic Annatto Extract.

Allergens: None

Country of Origin: USA

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.
- Packed in 3-gallon paper tubs or 16 fl oz paper pint packed in an 8-pack cardboard case.
- Temperature: -10F to 0F / -23C to -18C

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Nutrition Facts	
Serving Size 4 oz (1/2 Cup)	
Servings per container about 86	
Amount per serving	
Calories	90
% Daily Value*	
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 0mg	0%
Total Carbohydrates 22g	7%
Dietary Fiber 1g	4%
Total Sugars 17g	
Protein 0g	
VITAMIN D 0mcg	0%
CALCIUM 3mg	0%
IRON 0.1mg	2%
VITAMIN C 0mg	0%
*The % Daily Value (DV) 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.	

PHYSICAL PROPERTIES:

Color:	Magenta (combination of red/purple/pink) with tiny black specks.
Flavor and Taste:	Characteristic of dragon fruit: pleasantly earthy strawberry, earthy raspberry, lightly sweet, no off flavors. Subtly sweet.
Texture:	Lightly creamy with small crunchy seeds.
Aroma:	Characteristic of dragon fruit: pleasantly earthy, light, sweet, no off aromas.

CHEMICAL PROPERTIES:

Brix: 26°

Ph: 4.3



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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

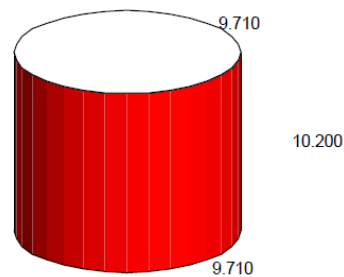
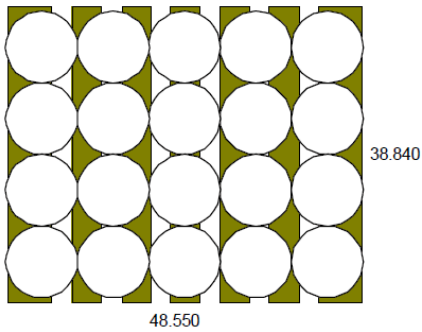
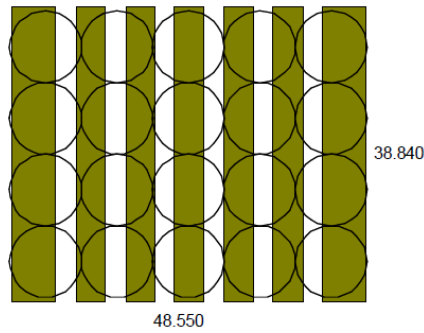
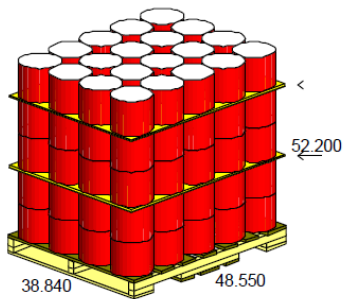


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3-gallon tubs pallet configuration

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



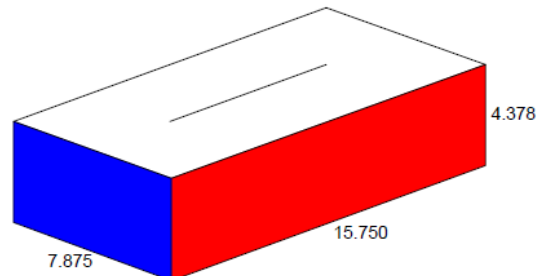
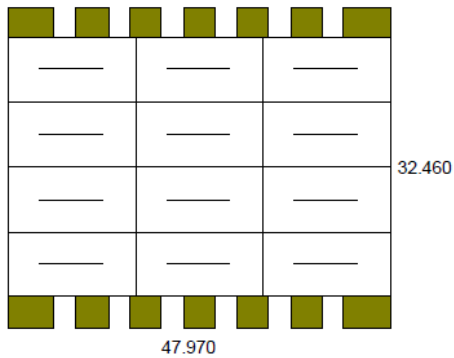
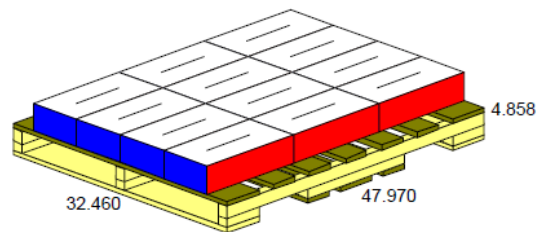
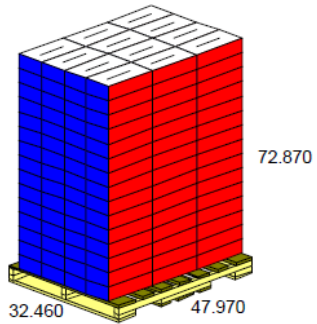


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Pint 8-pack cases pallet configuration

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



REVISION HISTORY:

Date	File Name	Ver.	Editor	Reason for Change
04/03/23	Dragon Fruit Sorbet Organic Tech Spec	1.0	Joanna Saad	Creation
09/29/23	Dragon Fruit Sorbet Organic Tech Spec	2	Carlin Tran	Updated ingredient list and changed naming.

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07/15/24	Dragon Fruit Sorbet Organic Tech Spec	3	Joanna Saad	Added pallet details
09/08/2025	Dragon Fruit Sorbet Organic Tech Spec	4	Carlin Tran	Updated NFP