

# ORGANIC RED PITAYA FREEZE DRIED POWDER

Family : Dragon Fruit - Cactaceae

## PRODUCT SPECIFICATION

PRODUCT CODE: PTYFDP7832

### PRODUCT CHARACTERISTICS

Botanical Name  
Plant Part  
Description  
Flavor  
Solubility  
Preservatives  
Origin  
Tariff Code  
Shipping Classification  
Storage  
Availability

### SPECIFICATION

*Dragon Fruit Cactaceae.*  
Whole Fruit w/ Seeds  
Powder 60 mash red-pink color  
Typical natural  
Soluble in Water  
None  
Peruvian Amazon  
0813.30.00  
70 M  
Dry at 20 C / 70 F  
Year-round



## **DESCRIPTION:**

Dragon fruit is a tropical fruit that has become increasingly popular in recent years. Though people primarily enjoy it for its unique look and taste, evidence suggests it may provide health benefits as well.

Dragon fruit grows on the *Hylocereus* cactus, also known as the Honolulu queen, whose flowers only open at night. native to a region including Mexico, Guatemala, Nicaragua, Costa Rica, El Salvador, and northern South America.<sup>[1][2]</sup> The dragon fruit is cultivated in Southeast Asia, southern California, Florida, the Caribbean, Australia, and throughout tropical and subtropical world regions.

**LYOPHILIZATION \* Freeze Dry \*** is a process of removing water from a biological product by sublimation, also known as Freezing-Drying technology most used for products that are sensitive to air, warm conditions and heat., Moisture is removed from it using a low temperature range 0f -20C to – 30C in a vacuum pressure environment.

This process maintains the product original flavor, odor and its natural color. It preserves the raw product original nutrients, vitamins, minerals and enzymes, mainly Carotene, Anthocianins (Antioxidant), Vitamin C and other nutrients, it also extends the shelf life of the product

Dragon fruit contains several types of antioxidants.

These are compounds that protect your cells from unstable molecules called free radicals, which are linked to chronic diseases and aging (2Trusted Source).

These are some of the main antioxidants contained in dragon fruit pulp (3Trusted Source):

- Betalains: Found in the pulp of red dragon fruit, these deep red pigments have been shown to protect “bad” LDL cholesterol from becoming oxidized or damaged (4Trusted Source).
- Hydroxycinnamates: This group of compounds has demonstrated anticancer activity in test-tube and animal studies (5Trusted Source).
- Flavonoids: This large, diverse group of antioxidants is linked to better brain health and a reduced risk of heart disease (6Trusted Source, 7Trusted Source, 8Trusted Source).

## **HEALTH BENEFITS :**

Animal studies suggest that dragon fruit may provide various health benefits. Many of these are likely due to its fiber and antioxidant content.

Both red and white varieties of dragon fruit have been shown to reduce insulin resistance and fatty liver in obese mice (11Trusted Source, 12Trusted Source, 13Trusted Source).

In one study, mice on a high-fat diet who received an extract of the fruit gained less weight and had reductions in liver fat, insulin resistance, and inflammation, which were attributed in part to beneficial changes in gut bacteria (13Trusted Source).

Dragon fruit contains prebiotic fiber that promotes the growth of beneficial bacteria in your gut — potentially improving metabolic health . Although this fruit may improve certain features of metabolic syndrome — a condition associated with type 2 diabetes — not all effects may be favorable.

In a study in mice on a high-fat, high-carb diet, the group that received dragon fruit juice had better blood sugar responses and reductions in some liver enzyme markers, while another liver enzyme marker significantly increased (Trusted Source).

In another study, rats with diabetes treated with an extract from the fruit had a 35% reduction in malondialdehyde, a marker of free-radical damage. They also had less arterial stiffness, compared to the control group (Trusted Source).

NUTRITIONAL INFORMATION

Product: Dried Red Dragon Fruit

Serving Size 100g		
Servings Per Container		
Amount Per Serving		
Calories	397	Calories from Fat 45.3
		% Daily Value *
Total Fat	5.03 g	7.74 %
Saturated Fat	1.5 g	7.5 %
Trans Fat	0 g	
Cholesterol	0 mg	0 %
Sodium	4 mg	0 %
Total Carbohydrate	81.1 g	27 %
Dietary Fiber	9.13 g	36.5 %
Sugars	51.7 g	
Protein	6.88 g	
Vitamin A	0 IU	0 %
Vitamin C	27.3 mg	45.5 %
Calcium	29 mg	3 %
Iron	1.40 mg	8 %
*Percent Daily values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:		
	Calories	2,000 2,500
Total Fat	Less than	65g 80g
Sat Fat	Less than	20g 25g
Cholesterol	Less than	300mg 300mg
Sodium	Less than	2400mg 2400mg
Total Carbohydrate		300g 375g
Fiber		25g 30g
Calories per gram		
Fat 9	Carbohydrates 4	Protein 4

## **INGREDIENT STATEMENT**

Produced with Organic Red Pitaya Fruit.

## **ALLERGEN STATEMENT**

There is no historical date available of any case of Allergies with Pitaya Fruit or Pitaya powder- Produced with 100% Natural organic fruit with no carriers, confirmed Allergen Free.

## **PITAYA POWDER IS PRODUCED/PROCESSED FROM RAW MATERIALS THAT ARE:**

Not genetically modified.

No enzymes, preservatives or additives are used during the production.

No Irradiation is used in or during the process.

No ETO used

BSE FREE.

No Gluten.

They are Vegetarian and Vegan

## **PACKAGING and STORAGE**

Industrial: Double line Plastic Bag heat-sealed, corrugated carton. Store in Dry Place, away from light, in original and closed packaging, avoiding direct contact with the floor, store in temperatures between 20 C ( 71 F) and 25 C (73 F ) , This product may be hygroscopic.

## **SHELF LIFE**

24 months from production date, after manufacturer packing opened valid for maximum 12 months.