



# PRODUCT SPECIFICATIONS

## CASSAVA (MANIHOT ESCULENTA)



### PRODUCT DESCRIPTION

Cassava cultivated in Costa Rica characteristics and flavor. A tropical tuber belonging to the Euphorbiaceae family. Cassava is an excellent source of carbohydrates, fiber, vitamins, and minerals, especially potassium and vitamin C, which are essential for a balanced diet and provide energy to the body.

#### CASSAVA

Premium Clase 1

Origin: Costa Rica

Scientific name: Manihot esculenta

Variety: Valencia, Señorita y Algodón

Product type: Conventional

Available year-round

### GENERAL SPECIFICATIONS

- Quality: Class 1
- No foreign plant material (leaves)
- No insects
- No foreign non-plant material
- No noticeable damage

## Technical Specifications

<b>Physical Condition</b>	Whole, without deep cuts or excessive mechanical damage.
<b>Texture and Firmness</b>	Firm and consistent
<b>Shelf Life:</b>	2 to 3 weeks
<b>Maturity status:</b>	Physiologically mature, firm to the touch
<b>Skin Color:</b>	Light brown to grayish brown
<b>Flesh Color</b>	Creamy white to uniform white
<b>Size</b>	200 to 1200 grams
<b>Treatment:</b>	Waxed with protective paraffin to extend shelf life.



# PACKAGING AND HANDLING

## CONDITIONING

- **SELECTED**

Cassava roots are manually selected, removing damaged, broken, or rotten roots. Only firm, healthy, and uniform roots are retained.

- **WASHING**

Roots are washed with potable water to remove soil and residues, and disinfection with food-safe sodium hypochlorite solutions can be applied.

- **CLASSIFICATION**

Cassava is classified by size, quality, and uniformity, following the customer's commercial standards. Pieces are grouped by grade to ensure batch homogeneity.

- **CURING**

Cassava is cured at 30 °C with 85–90% humidity for 2–4 days to heal minor wounds and reduce surface dehydration. This process improves shelf life and firmness.

- **PARAFFIN COATING**

A light layer of vegetable wax or paraffin is applied to the surface to reduce moisture loss and delay cracking during maritime transport or prolonged storage.

## PACKAGING SPECIFICATIONS

- **PACKAGING**

Packed in cardboard boxes that allow air circulation to preserve freshness and minimize internal moisture.

- **LABELING**

Product name, net weight, supplier, origin, producer, production/batch date, shipping date (PTI for the U.S. if requested).

- **FOOD REGULATION - ADDITIVES**

All materials used comply with the current legislation, regulations, and guidelines of the United States and Europe.