



FINAL PRODUCT SPECIFICATIONS

HOT BREAK, ASEPTIC TOMATO PASTE, 30-32%NTSS

A) DESCRIPTION:

Tomato paste made from tomato juice of washed, sorted, crushed, blanched at a high temperature, strained and concentrated naturally ripened industrial tomato (*Lycopersicon esculentum*) varieties processed by heat, cold filled and aseptically packed, free from any additive or preservative, packed according to the Good Manufacturing Practices. The final product is free from allergens and genetically modified organisms.

a. Chemical and Physical:

- **Concentration:** 31% NTSS ($\pm 1\%$)
- **Acidity:** 1.6 – 3.0 Per cent citric acid by weight
- **pH:** 4.10 – 4.60
- **Consistency:** Less than 8.0 centimeters on Bostwick consistometer measured at 12% NTSS for 30 seconds at 20°C.
- **Defects:** Maximum 12 natural defects (black points plus brown specks) in 100 ml Diluted product at 8.0 - 8.5°Brix.
- **Net weight:** Per drum: 240 - 245 kg. (529 – 540 Pounds) / Per bin: Approx. 1 220 - 1 250 Kg (2 733 – 2 755 lb.)
- **Texture:** Obtained with 0.060-inch screen. Under request we can use 0.027, 0.033, 0.045 inch screen

b. Sensorial:

- **Color:** Characteristic red of the processed tomato concentrate.
- **Flavor and aroma:** Typical of concentrated ripe tomatoes, free from any objectionable or extraneous flavor or aroma

c. Microbiologic:

- **Nutrient broth inoculation:** Negative.
- **Mold count:** Maximum 40 per cent positive fields by Howard's Method.
- **Coliforms:** Less than 10 CFU per gram.
- **Yeast:** Less than 10 CFU per gram.
- **Mold:** Less than 10 CFU per gram





Productos Industrializados del Noroeste, S.A. de C.V.

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- Fly eggs and larvae, and insect fragments meet FDA Standards

C) PACKAGING AND TRUCKING:

The product is packed by aseptic system in pre-sterilized plastic-aluminum bag in the following sizes:

Size	Volume (Capacity)	Quantity per 20' Container
Metallic drum	55 gallons (208 lts)	80
Wooden bin	300 gallons (1,135 lts)	15

The product is packed by “bag-in-drum” system in aseptic metallized-polyethylene bags, cold filled by also aseptic system.

The product is shipped to buyer on a wooden pallet properly hooked by iron band for its protection during trucking and storage (in the case of drums, four drums per pallet).

D) SHELF LIFE

The shelf life of the product is two years from the date of production.

E) LABELING

The label adhered on the drum (17.7 cm x 10.1 cm) is made of polyester. The content of the label is: (1) Name of product. (2) Number of drum. (3) Lot. (4) Manufacturing date. (5) Time of production. (6) Type of process. (7) °Brix range. (8) Finish screen. (9) Tare. (10) Net weight. (11) Expiration date.

The address, the website, the telephones and the e-mails of the company are printed on the drum’s surface.





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F) WAREHOUSING

The packed product is stored at room temperature, at no more than 40°C (104°F).

G) TRANSPORTATION

Transportation is carried out at room temperature.

