



INDUSTRIAL PRODUCT SPECIFICATION 31% NTSS HOT BREAK TOMATO PASTE

I. PRODUCT

Tomato paste shall be processed from mature, whole red tomatoes that contains no additives, and is produced in accordance with current Good Manufacturing Practices. The material shall conform in every respect to the provision of the Federal Food, Drug and Cosmetic Act and any regulations promulgated thereunder. Ranges listed below are typical: product is made to customer specification which may include values not listed. Product contains no allergens and no material from genetically modified organisms.

II. PRODUCT REQUIREMENTS

Chemical and Physical

| | |
|--|--|
| Natural Tomato Soluble Solids at 20°C | 31% ± 1% |
| Finish (To Customer Specification) | .027, .033, .045, .060, .078, .090 Screen |
| Bostwick (12% Total Solids, 30 Sec. at 20°C Day of Pack) | 2.0 - 7.0 cm |
| pH | 4.1 - 4.5 |
| Color (Hunter Lab Colorimeter) | 45 minimum, USDA Grade A* |
| Defects | USDA Grade C or better |
| Flavor/Odor | Clean and pleasing tomato flavor free from scorched, bitter, green, or off flavors/odors |

Microbiological

| | |
|-----------------------------------|--------------------------------|
| Rapid Detection | <u>Commercially Sterile</u> |
| Howard Mold Count | Negative |
| Fly eggs, worms, insect fragments | ≤ 40% |
| | Does not exceed USDA tolerance |

Net Weight & Volume

| | | |
|--|---------------------|--------------|
| 55 Gallon Drum: Fiber (also Conical, Iso, Metal) | 530 lbs. ± 5 lbs. | 11 cu ft. |
| 300 Gallon Bin: Wood (also Plastic, Goodpack) | 2900 lbs. ± 15 lbs. | 52.86 cu ft. |

III. INGREDIENTS

Tomatoes

IV. SHELF LIFE

Product shelf life is a minimum of 2 years (24 months), stored at ambient temperature in original, unopened containers. Do not allow to freeze.

*At time of pack, storage of over 12 months may lead to some loss of color based on ambient conditions.

Approved By: Lydia Barron

Effective Date 1/10/2023

Reason for Change: update defect grading, update micro method, add container options

Revision 16