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## Whole Peeled Tomatoes Specification Sheet

### 1. Product Description

Product Name: Whole Peeled Tomatoes in Tomato Juice/Puree. Ingredients: Fresh Tomatoes, Tomato Juice (or Puree), Citric Acid (Acidity Regulator), Salt (optional). Variety: Typically Roma or San Marzano type (elongated/plum tomatoes). Process: Selection, washing, steam peeling, canning, and thermal sterilization.

### 2. Physical & Organoleptic Properties

Parameter	Standard
Appearance	Whole, well-peeled tomatoes, uniform in size.
Color	Characteristic bright red (typical lycopene content).
Texture	Firm but tender; not mushy or disintegrated.
Flavor/Odor	Fresh tomato taste; free from metallic, bitter, or fermented odors.
Peel Residue	Max 1 cm <sup>2</sup> per 100g of total product.

### 3. Chemical & Quality Parameters

Brix (Tomato Juice): 5.0% – 7.0% (depending on grade). pH Level: 4.2 – 4.5. Net Weight / Drained Weight: Example Net 800g / Drained 480g (Min 60% drained weight). Vacuum: >4 inches Hg (for canned goods). Aflatoxin/Mycotoxins: Compliant with EU/Target Market regulations.

### 4. Microbiological Standards

Test	Limit
Total Plate Count	< 10 CFU/g (Commercial Sterility)
Yeast & Molds	Absent
E. Coli / Salmonella	Absent in 25g
Howard Mold Count	< 40% positive fields

### 5. Packaging & Storage

Primary Packaging: Food-grade tin cans with BPA-free lacquer or glass jars. Secondary Packaging: Corrugated cartons (e.g., 12 x 400g or 6 x 2.5kg). Shelf Life: 24–36 months from production date. Storage Conditions: Store in a cool, dry place; avoid direct sunlight.

### 6. Compliance & Certifications

Certificates: HACCP, ISO 22000, BRC, or FSSC 22000. Non-GMO: Product is not genetically modified. Heavy Metals: Lead (Pb) < 0.1 mg/kg, Tin (Sn) < 200 mg/kg (Codex Alimentarius).

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