

PASSARO INTERNATIONAL

TECHNICAL SPECIFICATION SHEET

Passaro International
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Product Name: OEM Freeze-Dried Mango Yoghurt Bites / Melts

Product Description: Premium lyophilized fruit-dairy cubes made from pure Alphonso & Totapuri mango pulp blended with probiotic active Greek yoghurt. Processed under low-temperature vacuum drying to preserve natural color, bio-active nutrients, live cultures, and flavor without added refined sugar or synthetic preservatives.

1. PHYSICAL & CHEMICAL SPECS

PARAMETER	SPECIFICATION
Appearance	Uniform light-golden cubes/drops
Flavor & Aroma	Authentic sweet mango with tangy yoghurt notes
Moisture Content	< 3.0% (Karl Fischer method)
Water Activity (a _w)	< 0.25 (at 25°C)
Reconstitution/Texture	Melt-in-mouth crisp / crunchy bite
Density	0.18 - 0.24 g/cm ³

2. NUTRITIONAL PROFILE (PER 100G)

NUTRIENT	VALUE
Calories	~390 kcal
Protein	12.5 g
Carbohydrates	72.0 g
- Total Sugars (Natural)	58.0 g
Dietary Fiber	4.2 g
Total Fat	4.5 g (Sat: 2.8g)
Calcium / Sodium	380 mg / 110 mg
Vitamin C	45 mg

3. INGREDIENTS & FORMULATION

Ingredient Breakdown: Ripe Mango Pulp (Alphonso & Totapuri varieties - 55%), Whole Milk Yoghurt with Live Active Probiotic Cultures (*L. bulgaricus*, *S. thermophilus* - 40%), Tapioca Starch (Natural binder - 3%), Fruit Pectin (1.5%), Natural Mango Aroma (0.5%).

Free from artificial colors, synthetic flavors, gelatin, hydrogenated oils, and added refined cane sugar.

4. MICROBIOLOGICAL STANDARDS

MICROBIAL PARAMETER	LIMITS
Total Plate Count	< 10,000 CFU/g
Yeast & Mold	< 100 CFU/g
Coliforms	< 10 CFU/g
E. coli	Negative / g
Salmonella spp.	Absent in 25g
Listeria monocytogenes	Absent in 25g

5. PACKAGING & STORAGE

PARAMETER	SPECIFICATION
Bulk Packaging	Aluminum foil barrier pouches with N ₂ flush
Master Carton	Double-wall corrugated cartons (10 kg net)
Storage Temp.	< 25°C, Relative Humidity < 50%
Shelf Life	12 Months from MFD (Unopened)
Handling	Hygroscopic — sealed container required

6. EXPORT LOGISTICS & REGULATORY COMPLIANCE

MOQ: 1 x 20' FCL (Approx. 2.5 Metric Tons)

Trial Order: 100 kg via Air Express / LCL Cargo

INCOTERMS: FOB Chennai, CIF, CFR, EXW

Port of Loading: Chennai Sea Port / Chennai Air Cargo

Certifications & Quality Assurances:

FSSAI Certified

ISO 22000 / FSSC 22000

HACCP Approved

GMP Compliant

US FDA Registered Facility

Halal / Kosher Compatible