SITAPHAL (CUSTARD APPLE) BASE (120 ML FROZEN POUCH)

EXOTIC LINE SPEC

1. PRODUCT DESCRIPTION & APPLICATION

Fruitify Sitaphal Base is an exotic, real-fruit frozen concentrate manufactured from deseeded, hand-picked Custard Apple pulp. Specially formulated to retain the delicate natural floral aroma, creaminess, and grainy pulp texture of fresh Sitaphal. Suitable for instant juice reconstitution (with 180 ml water) or high-grade milkshakes (with 180 ml cold milk). Contains no synthetic colors, stabilizers, or chemical preservatives.

2. PHYSICOCHEMICAL SPECIFICATIONS

Parameter	Specification Limit	Test Method
Brix (Finished Base)	34.0° – 38.0° Brix at 20°C	Refractometric (ISO 2173)
Reconstituted Brix (Water/Milk)	13.5° – 15.0° Brix	Refractometric
pH Value	4.50 – 5.10	pH Meter at 20°C
Pulp / Seed Discard Integrity	100% Deseeded / Zero Seed Fragments	Visual & Sieve (1.0 mm) Inspection
Color & Visual Appearance	Creamy off-white to pale ivory paste	Organoleptic / Visual Evaluation
Added Preservatives	Nil (Preserved solely by IQF at -18°C)	HPLC Analysis

3. MICROBIOLOGICAL STANDARDS

Microbiological Parameter	Maximum Tolerable Limit	Standard Reference
Total Plate Count (TPC)	< 1,000 CFU/g	ISO 4833-1
Yeast & Mold	< 100 CFU/g	ISO 21527-1
Coliforms	< 10 CFU/g	ISO 4831
Staphylococcus aureus	Absent in 1g	ISO 6888-1

4. PACKAGING & LOGISTICS DATA

Unit Packaging	120 ml High-Barrier Sealed Pouch
Master Box Count	50 / 100 Pouches per Inner Corrugated Box
Carton Weight	6.5 kg (50 ct) / 12.8 kg (100 ct) gross

Storage Temp.	Strict Cold Chain at -18°C
Shelf Life	12 Months (Unopened -18°C)
Shipping Mode	Reefer Container / Frozen Truck

5. APPLICATION PROTOCOL (JUICE VS. MILKSHAKE)

- **Sitaphal Nectar/Juice:** Blend 1 pouch (120 ml) + 180 ml chilled water for 15 seconds. Serves 300 ml.
- **Premium Sitaphal Milkshake:** Blend 1 pouch (120 ml) + 180 ml cold full-cream milk for 15 seconds. Serves 300 ml velvety shake with authentic graininess.

Quality Assurance Statement: Deseeded via specialized mechanical extraction to prevent seed damage or bitterness. Conforms strictly to FSSAI Category 14.1.4 (Fruit Juices & Nectars) and international Codex Alimentarius guidelines.