PASSARO INTERNATIONAL

GLOBAL SEAFOOD EXPORT DIVISION | CHENNAI, INDIA

TECHNICAL DATA SHEET
Ref: PSS-CS-2026-V1

1. PRODUCT IDENTIFICATION & TAXONOMY

Common Name	Snakehead Murrel / Striped Snakehead	**Scientific Name**	*Channa striata*
Regional Names	Viraal Meen, Korra Meenu, Murrel, Sol	**HS Code**	0302.89 / 0303.89 (Fresh / Frozen)
Origin	Aquaculture Farms & Clean Water Reservoirs, India	**Export Port**	Chennai (MAA / MAA Seaport), Tamil Nadu

2. TECHNICAL & COMMERCIAL SPECIFICATIONS

LIVE FORMAT

- **Condition:** Active, disease-free, fully purged
- **Depuration:** 12 hours clean water flush
- **Packing:** Oxygenated PE bags in EPS box
- **Temp Target:** 18°C – 20°C
- **Mode:** Air Freight (Immediate)

CHILLED FORMAT

- **Form:** Whole Gutted / Gills Off
- **Sizing:** 500g–800g, 800g–1.2kg, 1.2kg+
- **Cooling:** Slush Ice / Gel Ice Packs
- **Temp Target:** 0°C to 2°C
- **Mode:** Air Freight (GCC / Asia)

IQF FROZEN FORMAT

- **Form:** Fillets (Skin-on/off), Steaks, Whole
- **Freezing:** IQF Blast Frozen (-35°C)
- **Glazing:** 5%, 10%, 15% protective glaze
- **Temp Target:** -18°C or lower
- **Mode:** Sea Freight (Reefer Container)

3. EXPORT PACKAGING ARCHITECTURE

LAYER STRUCTURE	MATERIAL SPECIFICATION	OPERATIONAL ADVANTAGE
Inner Layer	Food-Grade PE Liner (Sealed, Leak-Proof)	Hermetic seal prevents liquid migration
Middle Layer	Expanded Polystyrene (EPS) Thermocol Box (25mm wall)	Thermal insulation against ambient temperature spikes
Cooling Medium	Non-toxic Gel Ice Packs (1:2 Ice-to-Fish ratio for air cargo)	Maintains core temperature without melting runoff
Outer Layer	Heavy-Duty Corrugated Master Carton (Strapped & Sealed)	High stack strength and tamper-evident security

4. BIOACTIVE PROFILE & NUTRITIONAL VALUE

Nutraceutical & Wound-Healing Biochemical Parameters

Channa striata is renowned for high concentrations of **Arachidonic Acid (AA)** and **Glycine**, essential precursors for prostaglandin synthesis and collagen matrix formation (Types I & III). Highly valued for post-surgical recovery, cosmetic tissue restoration, and hospital dietetics. Zero antibiotic residues; rigorously tested for heavy metals and histamine compliance.

5. GLOBAL TRADE CERTIFICATION & REGULATORY STANDING

DGFT / IEC CODE	FSSAI CENTRAL	MPEDA	HACCP & HALAL	EIA / EIC ALIGNED
Import/Export License	Exporter Registration	Merchant Exporter	Process Compliance	Health Certificate Ready