

TECHNICAL DATA SHEET: FISH MEAL (AQUACULTURE GRADE)

1. NUTRITIONAL COMPOSITION (PROXIMATE ANALYSIS)

- Crude Protein: Min 64.0%
- Crude Fat (Lipids): Max 10.0%
- Moisture: Max 10.0%
- Ash: Max 17.0%
- Sand & Silica: Max 1.0%
- Salt (NaCl): Max 3.0%

2. FRESHNESS & QUALITY INDICATORS

- TVN (Total Volatile Nitrogen): Max 120 mg/100g (Indicates high freshness)
- Histamine: Max 500 ppm
- FFA (on fat): Max 10.0%
- Antioxidant: Min 150 ppm (Ethoxyquin or Natural Tocopherols)

3. AMINO ACID PROFILE (TYPICAL % OF PRODUCT)

- Lysine: Min 4.5%
- Methionine: Min 1.8%
- Threonine: Min 2.5%
- Digestibility (Pepsin): Min 90%

4. SAFETY & MICROBIOLOGICAL LIMITS

- Salmonella: Absent in 25g
- Enterobacteriaceae: < 10 cfu/g
- Dioxins & PCBs: Compliant with EU Directive 2002/32/EC
- Heavy Metals: Hg < 0.1 mg/kg | Pb < 5.0 mg/kg | Cd < 2.0 mg/kg

5. STORAGE & LOGISTICS

- Appearance: Fine brown powder.
- Storage: Store in a cool, dry, and well-ventilated area. Protect from moisture and pests.
- Packaging: In bulk or 50kg/1000kg PP bags.
- Shelf Life: 12 months from production date.

6. COMPLIANCE DECLARATION This product is manufactured from fresh whole fish and/or fish trimmings. It is a high-protein feed ingredient intended for aquaculture and livestock. Free from mammalian bone/DNA as per EU regulations.