

Product Name & Description

Product Name: Halal and Kosher Verified Fish Gelatin (Food Grade Bulk Powder)

Description: Premium food-grade fish gelatin extracted 100% from high-quality fish skins and scales. This product is specifically verified by accredited Halal and Kosher certification bodies, serving as a superior alternative to mammalian gelatin for multi-cultural markets. Engineered to comply with "Clean Label" food initiatives, it contains no chemical preservatives, artificial additives, or hidden processing aids. It features a neutral sensory profile, quick texturizing capabilities, and exceptional melting kinetics inside the mouth.

Key Specifications & Quality Parameters

Analysis Item	Specification Standard	Test Method / Remark
Appearance	Off-white to light-yellow granular powder	Visual / USP Standard
Odor & Taste	Completely neutral, free from fishy odors or notes	Sensory Evaluation
Raw Material Source	100% Fish Skins and Scales	Traceability Verified
Jelly Strength (Bloom)	200 – 260 Bloom (6.67% w/v solution)	Standard Gelometer / Customizable
Viscosity	2.2 – 4.5 mPa.s	Standard Ubbelohde (\$6.67\%\$, \$60^\circ\text{C}\$)
pH (at 55°C)	4.5 – 6.5	Potentiometric
Moisture Content	≤ 13.0%	Loss on Drying
Ash Content	≤ 1.5%	Gravimetric
Sulphur Dioxide (SO ₂)	≤ 30 ppm	Pass / USP
Heavy Metals (as Pb)	≤ 10 ppm	Atomic Absorption
Arsenic (As)	≤ 1.0 ppm	ICP-MS
Total Viable Aerobes Count	≤ 1000 cfu/g	Plate Count
Molds & Yeasts	≤ 100 cfu/g	Plate Count
Salmonella Sp.	Absent / 25g	Negative
Escherichia Coli	Absent / 1g	Negative

Applications & Clean Label Advantages

- Clean Label Appeal:** Minimally processed natural ingredient completely free from non-transparent food additives, supporting simple ingredients lists.

- **Confectionery & Gummy Matrix:** Provides excellent thermal reversibility, precise set times, and a highly satisfactory mouth-melt for vegetarian/non-mammalian targeted market demographics.
- **Dairy & Microencapsulation:** Acts as an efficient protective colloid and thickener for specialty premium yogurts, creams, and as a wall material for fat-soluble vitamins/flavors.
- **Dietary Inclusivity:** Effectively bridges religious diet restrictions, allowing seamless access into global Halal and Kosher regulated sectors without modification.

Regulatory Status, Safety & Certifications

Our fish gelatin is processed strictly utilizing raw materials sourced from clinically healthy aquatic resources. It complies with major food safety frameworks:

- **Religious Certifications:** Fully Certified Halal (MUI/JAKIM recognized bodies) and Kosher certified.
- **Quality Management Systems:** Manufactured in accordance with Good Manufacturing Practices (GMP), ISO 9001, ISO 22000, and FSSC 22000 standard loops.
- **Global Guidelines:** Meets all purity protocols specified by the United States Pharmacopeia (USP), Food Chemicals Codex (FCC), and European Commission Regulations.

Packaging, Storage & Logistics

Packaging: Multi-wall heavy-duty Kraft paper outer bag bound with an inner moisture-proof Polyethylene (PE) liner. Standard net weight: 25 KG per bag.

Container Loading Parameters:

- 20-Foot Container (FCL): Approx. 9 – 10 Metric Tons (unpalletized).
- 40-Foot Container (FCL): Approx. 18 – 20 Metric Tons.

Storage Requirements: Maintain in unopened original bags. Store under cool (<25°C) and dry warehouse conditions away from strong aromatic vectors and active moisture exposure.

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Disclaimer: The analytical values reported inside this document reflect average factory laboratory parameters. They are released purely for compliance verification and general quality review.