

Fish Protein Concentrates Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/F8AF07C2B986EN.html>

Date: November 2025

Pages: 190

Price: US\$ 4,850.00 (Single User License)

ID: F8AF07C2B986EN

Abstracts

The Global Fish Protein Concentrates Market was valued at USD 1.1 billion in 2024 and is estimated to grow at a CAGR of 7.6% to reach USD 2.2 billion by 2034.

Demand is rising steadily as manufacturers and consumers increasingly look for high-quality, sustainable protein sources across the food, nutraceutical, and feed sectors. Fish protein concentrates (FPCs) provide highly digestible protein enriched with essential amino acids and naturally occurring bioactive compounds that support muscle maintenance, immune function, and overall wellness. In the food industry, they are incorporated into protein-enhanced snacks, fortified beverages, and functional nutrition products, appealing to consumers who prefer natural, clean-label ingredients. The feed industry also benefits from FPC due to its ability to support growth and improve nutrient efficiency in aquaculture and livestock diets. In nutraceutical space, FPC-derived peptides are known for delivering health advantages linked with antioxidant activity, anti-inflammatory properties, and cardiovascular support, contributing to their expanding application range.

The Type A fish protein concentrates segment held a 40% share in 2024 and is projected to grow at a CAGR of 5.3% by 2034. This category leads the market because it is manufactured using straightforward processing steps such as mechanical separation and mild heat treatment, making it cost-effective for large volume uses. These concentrates are utilized extensively in aquaculture feeds, pet nutrition, and livestock formulations where balanced protein levels are required without the need for premium pricing.

The farmed fish segment held a 65% share in 2024 and is expected to grow at a 7.4%

CAGR from 2025 to 2034. The expansion of aquaculture and improved use of by-products are key contributors to this dominance. The market alignment with circular economy practices strengthens the preference for farmed sources. These concentrates may vary in omega-3 levels depending on farm feed composition, which can influence their perceived value in nutraceutical products, yet they remain central to scalable production.

North America Fish Protein Concentrates Market captured 17.5% share in 2024 and continues to accelerate owing to heightened awareness of sustainable protein choices and rising consumer interest in functional nutrition. Demand for dietary supplements, protein-enriched foods, and natural ingredients is expanding quickly. Growth in regional aquaculture and strong emphasis on responsible sourcing also encourage producers to adopt improved processes that meet environmental expectations.

Key players in the Global Fish Protein Concentrates Market include Apelsa Guadalajara S.A. de C.V., Atlantis Sea-Agri, Bio-Marine Ingredients Ireland Ltd, Bio-Oregon Protein, Colpex International Inc., Omega Protein Corporation, Pelagia, Scanbio Marine Group AS, Siam Industries International, and TripleNine Group. Companies in the Fish Protein Concentrates Market are enhancing their market position by adopting strategies that strengthen supply reliability, improve product quality, and expand global reach. Many producers are modernizing processing facilities to increase yield, ensure consistent protein concentrations, and lower operational costs. Strategic partnerships with food, feed, and nutraceutical manufacturers are helping companies secure long-term contracts and diversify their application portfolio. Businesses are also investing in sustainability initiatives to align with regulatory expectations and meet rising consumer demand for responsibly sourced ingredients.

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