

Europe Fish Protein Hydrolysate Market Forecast to 2030 - Regional Analysis - by Form (Dry and Liquid) and Application (Animal Nutrition [Poultry, Ruminants, Swine, Aquaculture, Pets, and Others], Pharmaceuticals & Nutraceuticals, Food & Beverages, Personal Care, and Agriculture)

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Abstracts

The Europe fish protein hydrolysate market was valued at US\$ 116.80 million in 2022 and is expected to reach US\$ 170.02 million by 2030; it is estimated to register a CAGR of 4.8% from 2022 to 2030.

Nutritional Benefits of Fish Protein Hydrolysate in Animal Nutrition Fuels Europe Fish Protein Hydrolysate Market

The World Organization for Animal Health states that more than 50 wildlife diseases can seriously impact livestock and public health. In this case, implementation of appropriate nutritional strategies that boost immunity, develop animal health, promote intestinal integrity and functionality is critical to enhance animal stress tolerance and treat various diseases. Thus, fish protein hydrolysates for animal feed applications are used to fulfill the nutritional demands of livestock.

FPH is a good source of protein and nutrients such as phosphorus, calcium, and other minerals. It helps prevent the spread of infectious diseases and boosts animal immunity against fungi, bacteria, viruses, and parasites. Regular consumption of FPH by broiler chickens helps in their muscle development. Enzymes present in fish protein hydrolysate aid in the gut morphology of broilers by facilitating the digestion of fibrous food, including grains and soybean meal.

Further, fish protein hydrolysates are widely used in aquaculture feeds due to their higher protein content and the ideal amino acid balance for aquatic animals. FPHs can enhance animals' metabolic systems, which protects them from the risk of diseases and

infections. Thus, the nutritional benefits of fish protein hydrolysate relating to animal health drive its demand among animal feed industries.

Europe Fish Protein Hydrolysate Market Overview

The fish protein hydrolysate market in Europe is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. In Europe, the governing bodies such as European Union have also established a circular economy framework for seafood waste valorization to overcome challenges such as environment pollution, & disease spreads, and meet opportunities for intensive production and sustainability. As fisheries and aquaculture production is proliferating in the region, a remarkable increase in fish waste has been produced. Fish waste disposal adversely impacts the environment, as it releases organic materials into the aquatic ecosystem. The emission of offensive odor and leakage of body fluids during fish waste degradation severely affect the environment. According to the European Union (EU) report, ~7-10 metric tons of fish were discarded in 2022. Hence, to lower environmental pollution, the European Union is focused on boosting the production of fish protein hydrolysate (FPH). The stepwise valorization framework includes seafood loss and recycling strategies, which drives the production of nutritional ingredients such as fish protein hydrolysate, which is mainly produced from all fish and selfish by-products (especially skin and bones) and finds application in various industries such as animal feed, human nutrition, cosmetics, and pharmaceuticals. Thus, the growing fish-related waste in Europe is majorly contributing to fish protein hydrolysate production (FPH).

Furthermore, the growing animal feed production across Europe is increasing the demand for fish protein hydrolysate (FPH). In Europe, there is a large presence of feed mills. Hence, the existence of multiple feed mills tends to increase the feed production in the region. Also, growing awareness regarding the benefits of animal feed containing fish protein hydrolysate among animal feed producers has been gaining traction.

Also, the factors such as clean label, non-allergic product is promoting the fish protein hydrolysate market in the region. Protein-rich food consumption is gaining popularity in developed European countries such as Germany, France, Italy, and the UK. Protein helps to maintain good health. Some of the health benefits of protein intake include quick digestion, antioxidant etc.

Europe Fish Protein Hydrolysate Market Revenue and Forecast to 2030 (US\$ Th)

Europe Fish Protein Hydrolysate Market Segmentation

The Europe fish protein hydrolysate market is categorized into form, application, and country.

Based on form, the Europe fish protein hydrolysate market is bifurcated into dry and liquid. The dry segment held a larger Europe fish protein hydrolysate market share in 2022.

In terms of application, the Europe fish protein hydrolysate market is segmented into

animal nutrition, pharmaceuticals and nutraceuticals, food and beverages, personal care, and others. The animal nutrition segment held the largest Europe fish protein hydrolysate market share in 2022. Furthermore, the animal nutrition segment is subcategorized into poultry, ruminants, swine, aquaculture, pets, and others.

By country, the Europe fish protein hydrolysate market is segmented into Germany, the UK, France, Italy, Russia, and the Rest of Europe. The Rest of Europe dominated the Europe fish protein hydrolysate market share in 2022.

Copalis Industry SAS, Bio-marine Ingredients Ireland Ltd, Symrise AG, Euro Feed Services Holland BV, and Kemin Industries Inc. are some of the leading companies operating in the Europe fish protein hydrolysate market.

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