

# Halal-Certified Protein Hydrolysates Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/H39E901FA73FEN.html>

Date: November 2025

Pages: 210

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

ID: H39E901FA73FEN

## Abstracts

The Global Halal-Certified Protein Hydrolysates Market was valued at USD 800 million in 2024 and is estimated to grow at a CAGR of 5.6% to reach USD 1.4 billion by 2034.

The market is witnessing expansion due to rising health awareness and the increasing demand for clean-label, functional ingredients. Consumers are becoming more conscious of protein digestibility, muscle recovery, and gut health, which is fueling growth across sports nutrition, dietary supplements, and clinical nutrition sectors. Advances in enzymatic hydrolysis are reshaping the market by enhancing process efficiency and product quality. Modern enzyme-based systems allow controlled peptide breakdown, producing hydrolysates with higher bioavailability and reduced off-flavors. Global food ingredient manufacturers are adapting their enzymatic hydrolysis processes to meet halal compliance, enabling precision nutrition and cleaner production. The growing use of halal-certified hydrolysates in infant and clinical nutrition, where they reduce allergenicity and improve nutrient absorption, is also driving market adoption.

The plant-based protein hydrolysates accounted for USD 360° million in 2024, owing to rising consumer preference for sustainable, ethical, and allergen-free protein sources. Lactose intolerance, veganism, and environmental awareness have encouraged manufacturers to replace animal-derived proteins with soy, pea, and rice hydrolysates. Their ease of halal certification, availability of raw materials, and simplified production processes make plant-based hydrolysates ideal for beverages, functional foods, and sports nutrition applications.

The enzymatic hydrolysis segment reached USD 481.6 million in 2024, attributed to its specificity and ability to produce high-quality, bioactive protein hydrolysates without

compromising nutritional integrity. This method allows manufacturers to control peptide chain length and composition, improving digestibility and functionality for dietary supplements, clinical foods, and sports nutrition. Additionally, enzymatic hydrolysis aligns with halal standards since it avoids chemical catalysts, making it suitable for halal-certified production lines.

North America Halal-Certified Protein Hydrolysates Market captured USD 120 million in 2024, representing 15% share. The U.S. contributed USD 100.8 million due to its mature food processing industry, high consumer demand for functional and clean-label ingredients, and growing Muslim population. Increasing awareness of halal-certified nutritional supplements among fitness-focused consumers is also driving market growth in the region.

Key players in the Global Halal-Certified Protein Hydrolysates Market include Arla Foods Ingredients, ADM (Archer Daniels Midland), Cargill Incorporated, Actus Nutrition, Fonterra Co-operative Group, Glanbia PLC, FrieslandCampina, Abbott Laboratories, Roquette Frères, DSM-Firmenich, Kerry Group, and Agropur Cooperative. To strengthen their presence, companies in the halal-certified protein hydrolysates sector are focusing on research and development to improve enzymatic hydrolysis efficiency, peptide bioavailability, and clean-label formulations. Strategic collaborations with food manufacturers, nutrition brands, and clinical nutrition providers help expand distribution networks. Firms are also investing in halal certification processes, regional production facilities, and raw material sourcing to ensure compliance and scalability.

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