

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

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## Abstracts

The Global Clean Label Protein Hydrolysates Market was valued at USD 700 million in 2024 and is estimated to grow at a CAGR of 8% to reach USD 1.5 billion by 2034.

Growth is accelerating as sports nutrition and performance-focused formulations gain mainstream traction, with consumers prioritizing fast-absorbing, easily digestible proteins that assist in muscle recovery and sustained energy. This shift is encouraging brands to reformulate beverages, snacks, and powdered supplements using enzyme-processed proteins to improve amino acid availability and digestive comfort. Clean-label expectations are reshaping procurement practices, as buyers prefer minimal processing, transparent sourcing, and recognizable ingredient lists. Enzyme-generated hydrolysates align well with these preferences due to their controlled processing, high functionality, and verified purity. Their expanding use extends into early-life nutrition, wellness beverages, and fortified foods. Clinical and therapeutic nutrition also represents a strong application area, supported by the exceptional digestibility and bioavailability of hydrolyzed proteins.

The enzymatic hydrolysis segment generated USD 546 million in 2024 and maintains a leading share due to its ability to produce clean, high-quality hydrolysates with precise peptide structures. This method optimizes digestibility, bioavailability, and sensory performance, making it suitable for infant nutrition, medical formulas, and high-performance supplements.

The powder (spray-dried) formats segment will grow at a CAGR of 7.8% through 2034. These powders dominate because of their long shelf life, stability, and ease of global transport. Their low moisture content and high concentration support large-scale

production, enabling seamless integration into sports powders, infant nutrition, and clinical nutrition products.

North America Clean Label Protein Hydrolysates Market accounted for USD 224 million in 2024, representing a 32% share. The region's leadership is driven by the United States, supported by a well-developed sports nutrition industry, extensive clinical nutrition manufacturing capacity, and strong demand for infant formula and dietary supplements. High per-capita protein intake and a robust dairy and biotechnology ecosystem further reinforce regional expansion.

Major companies active in the Global Clean Label Protein Hydrolysates Market include Arla Foods Ingredients, Kerry Group plc, Glanbia Nutritionals, FrieslandCampina Ingredients, Archer Daniels Midland Company (ADM), Cargill, Incorporated, DSM-Firmenich, Norilia AS, Roquette Frères, Tate & Lyle PLC, Lactalis Ingredients, Peak Protein LLC, Nuritas, and AB Enzymes GmbH. Companies in the Global Clean Label Protein Hydrolysates Market are enhancing their competitive position through targeted investments in advanced enzymatic processing, high-purity ingredient development, and clean-label certification. Many firms are expanding production capacity to support global distribution while focusing on improving flavor, solubility, and digestibility through precise hydrolysis controls. Strategic partnerships with sports nutrition, infant formula, and medical nutrition manufacturers are helping create long-term supply and innovation pipelines. Businesses are also prioritizing transparent sourcing, traceability systems, and reduced additive use to align with evolving consumer expectations.

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