

Global Liquid Protease Enzyme Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Liquid Protease Enzyme market size was valued at US\$ 324 million in 2025 and is forecast to a readjusted size of US\$ 452 million by 2032 with a CAGR of 4.9% during review period.

Liquid protease enzyme is a liquid enzyme preparation produced through deep fermentation, extraction, and stabilization technologies. Its core function is to catalyze the hydrolysis of proteins. It addresses the problems of uneven dissolution, dust hazards, difficulties in automated feeding, and activity loss inherent in traditional solid or powdered protease applications. It aims to provide a highly efficient protein processing solution that offers precise metering, uniform mixing, easy pipeline transport, and automated control. Demand primarily stems from the food industry (e.g., cheese production, meat tenderizing, brewing clarification, protein hydrolysate preparation), the feed industry (improving animal digestibility), the detergent industry (decomposing protein stains), and the leather and textile industry (hair removal and softening) driven by continuous demands for improved production efficiency, process stability, and operational safety. The upstream supply chain involves strain development (screening and genetic engineering improvement of high-yield protease strains), supply of fermentation raw materials (carbon sources, nitrogen sources, inorganic salts, etc.), and the manufacturing of fermentation and separation purification equipment. Downstream, it covers end-users such as food processing plants, feed companies, detergent manufacturers, tanneries, and biopharmaceutical companies, who directly integrate it into continuous or batch production processes. In 2025, the production of liquid protease enzyme is expected to reach approximately 35,000 tons, with an average price of approximately US\$9,000 per ton, a gross profit margin of approximately 30%, and a single production line capacity of 400 tons per year.

This report is a detailed and comprehensive analysis for global Liquid Protease Enzyme market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Liquid Protease Enzyme market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Liquid Protease Enzyme market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Liquid Protease Enzyme market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Liquid Protease Enzyme market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Liquid Protease Enzyme
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Liquid Protease Enzyme market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Novonesis (CPH: NZYM B, Bagsv?rd Denmark), DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland), AB Enzymes GmbH (Unlisted, Darmstadt Germany), International Flavors & Fragrances Inc. (NYSE: IFF, New York USA), Adisseo (EPA: ADI, Antony France), Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan), Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong

China), Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China), Amano Enzyme Inc. (TYO: 2802, Nagoya Japan), Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Liquid Protease Enzyme market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Microbial Fermentation Liquid Protease

Animal Tissue Extract Liquid Protease

Plant Extract Liquid Protease

Market segment by Enzymatic Properties

Acid

Neutral

Alkaline

Market segment by Application

Food

Feed

Leather

Detergent

Biopharmaceutical

Other

Major players covered

Novonesis (CPH: NZYM B, Bagsv?rd Denmark)

DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland)

AB Enzymes GmbH (Unlisted, Darmstadt Germany)

International Flavors & Fragrances Inc. (NYSE: IFF, New York USA)

Adisseo (EPA: ADI, Antony France)

Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan)

Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China)

Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China)

Amano Enzyme Inc. (TYO: 2802, Nagoya Japan)

Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India)

Creative Enzymes (Unlisted, New York USA)

Biocatalysts Ltd. (Unlisted, Wales UK)

SunHY(Unlisted, Hubei China)

Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China)

Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China)

Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China)

Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China)

Sunsonzyme (Unlisted, Beijing China)

Wilton Bioscience (Unlisted, Gujarat India)

Enzyme Bioscience Pvt. Ltd. (Unlisted, Gujarat India)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Liquid Protease Enzyme product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Liquid Protease Enzyme, with price, sales quantity, revenue, and global market share of Liquid Protease Enzyme from 2021 to 2026.

Chapter 3, the Liquid Protease Enzyme competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Liquid Protease Enzyme breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market

share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Liquid Protease Enzyme market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Liquid Protease Enzyme.

Chapter 14 and 15, to describe Liquid Protease Enzyme sales channel, distributors, customers, research findings and conclusion.

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