

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

<https://marketpublishers.com/r/G73E23919B4CEN.html>

Date: February 2026

Pages: 143

Price: US\$ 3,480.00 (Single User License)

ID: G73E23919B4CEN

Abstracts

According to our (Global Info Research) latest study, the global Liquid Acid Protease Enzyme market size was valued at US\$ 111 million in 2025 and is forecast to a readjusted size of US\$ 166 million by 2032 with a CAGR of 5.9% during review period.

Liquid acid protease enzyme is a protease preparation that maintains high catalytic activity under acidic conditions and mainly exists in liquid form. Its production is primarily aimed at efficiently and specifically hydrolyzing proteins to solve the technical challenges of protein processing and modification under acidic conditions in the food, feed, and other industrial sectors. Demand mainly comes from: the food industry (e.g., cheese curdling, meat tenderizing, baking improvement, soybean protein hydrolysis); the feed industry (improving the digestibility and absorption of animal feed, especially young animal feed); and other fields (leather dehairing, wool shrinkage prevention, detergent additives, etc.). Upstream suppliers mainly include strain research (enzyme-producing strains such as *Aspergillus niger* and *Yersinia lipolyticis*), fermentation raw material suppliers (soybean meal, corn steep liquor, etc.), and fermentation equipment manufacturers; downstream applications are widespread among end-users such as food processing plants, feed production enterprises, and tanneries. In 2025, the production of liquid acid protease enzyme was approximately 12,000 tons, with an average price of approximately US\$9,000 per ton, a gross profit margin of approximately 30%, and a single-line capacity of 200 tons per year.

This report is a detailed and comprehensive analysis for global Liquid Acid 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 Acid Protease Enzyme market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Liquid Acid 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 Acid 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 Acid 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 Acid 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 Acid 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), 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), etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Market Segmentation

Liquid Acid 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 Source

Animal Source

Plant Source

Market segment by Product Form

Standard Liquid Formulation

High-Activity Liquid Formulation

Stabilized Liquid Formulation

Market segment by Application

Food

Feed

Leather

Other

Major players covered

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

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

AB Enzymes GmbH (Unlisted, Darmstadt Germany)

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 Acid Protease Enzyme product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Liquid Acid 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 Acid 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 Acid Protease Enzyme.

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

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