

Global Liquid Acid Protease Enzyme Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Liquid Acid Protease Enzyme market size is expected to reach \$ 166 million by 2032, rising at a market growth of 5.9% CAGR during the forecast period (2026-2032).

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 studies the global Liquid Acid Protease Enzyme production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Liquid Acid Protease Enzyme and provides market size (US\$ million) and Year-over-Year (YoY)

Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Liquid Acid Protease Enzyme that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Liquid Acid Protease Enzyme total production and demand, 2021-2032, (Tons)

Global Liquid Acid Protease Enzyme total production value, 2021-2032, (USD Million)

Global Liquid Acid Protease Enzyme production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Liquid Acid Protease Enzyme consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Liquid Acid Protease Enzyme domestic production, consumption, key domestic manufacturers and share

Global Liquid Acid Protease Enzyme production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Liquid Acid Protease Enzyme production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Liquid Acid Protease Enzyme production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Liquid Acid Protease Enzyme market based on the following parameters - company overview, production, value, 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Liquid Acid Protease Enzyme market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Liquid Acid Protease Enzyme Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Liquid Acid Protease Enzyme Market, Segmentation by Type:

Microbial Source

Animal Source

Plant Source

Global Liquid Acid Protease Enzyme Market, Segmentation by Product Form:

Standard Liquid Formulation

High-Activity Liquid Formulation

Stabilized Liquid Formulation

Global Liquid Acid Protease Enzyme Market, Segmentation by Application:

Food

Feed

Leather

Other

Companies Profiled:

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)

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)

Key Questions Answered:

1. How big is the global Liquid Acid Protease Enzyme market?
2. What is the demand of the global Liquid Acid Protease Enzyme market?
3. What is the year over year growth of the global Liquid Acid Protease Enzyme market?
4. What is the production and production value of the global Liquid Acid Protease Enzyme market?
5. Who are the key producers in the global Liquid Acid Protease Enzyme market?
6. What are the growth factors driving the market demand?

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