

# Global Fungal Xylanase Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Fungal Xylanase market size is expected to reach \$ 306 million by 2032, rising at a market growth of 5.9% CAGR during the forecast period (2026-2032).

Fungal xylanase is a biocatalyst developed for the efficient and specific degradation of xylan, an anti-nutritional factor or structural barrier widely present in plant materials. Through the irreplaceable biochemical action of specifically cleaving xylan chains, fungal xylanases have become a key tool for solving core bottlenecks in multiple industries: breaking down anti-nutritional factors and improving digestibility in feed; improving dough quality in baking; achieving green bleaching in papermaking; and releasing the value of waste resources in biorefining. They efficiently, safely, and economically achieve structural modification and upgrading of plant materials that are difficult to achieve using physical and chemical methods. The upstream supply chain mainly includes the selection and fermentation raw material supply of high-xylanase-producing fungal strains (such as *Aspergillus niger* and *Trichoderma reesei*); the downstream applications are widely used in the feed industry (improving grain digestibility), baking industry (improving dough and bread texture), juice clarification, papermaking biobleaching, and functional sugar preparation, forming a complete value chain from 'strain research and development > industrial fermentation > multi-industry application'. Its core value lies in utilizing the high specific activity and specificity of fungal enzymes to replace chemical methods with biological methods, achieving a dual improvement in economic and environmental benefits. In 2025, the production of fungal xylanase is expected to reach approximately 5,000 tons, with an average price of approximately US\$40/kg, a gross profit margin of approximately 40%, and a single-line capacity of 100 tons/year.

This report studies the global Fungal Xylanase production, demand, key manufacturers,

and key regions.

This report is a detailed and comprehensive analysis of the world market for Fungal Xylanase 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 Fungal Xylanase that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Fungal Xylanase total production and demand, 2021-2032, (Tons)

Global Fungal Xylanase total production value, 2021-2032, (USD Million)

Global Fungal Xylanase production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Fungal Xylanase consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Fungal Xylanase domestic production, consumption, key domestic manufacturers and share

Global Fungal Xylanase production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Fungal Xylanase production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Fungal Xylanase production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Fungal Xylanase 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: DSFM, Kaiseraugst Switzerland), AB Enzymes GmbH (Unlisted, Darmstadt Germany), Merck KGaA (XTRA: MRK, Darmstadt, Germany), Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India), Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China), Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China), Enzyme Development Corporation (Unlisted, New York USA), Creative Enzymes (Unlisted, New York USA), Enzyme Innovation (Unlisted, Chino, California USA), 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 Fungal Xylanase market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) 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 Fungal Xylanase Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Fungal Xylanase Market, Segmentation by Type:

Aspergillus Xylanase

Trichoderma Xylanase

Penicillium Xylanase

### Global Fungal Xylanase Market, Segmentation by Enzymatic Mechanism:

Endo-type Fungal Xylanase

Exo-type Fungal Xylanase

#### Global Fungal Xylanase Market, Segmentation by Application:

Feed

Food

Papermaking

Other

#### Companies Profiled:

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

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

AB Enzymes GmbH (Unlisted, Darmstadt Germany)

Merck KGaA (XTRA: MRK, Darmstadt, Germany)

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

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

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

Enzyme Development Corporation (Unlisted, New York USA)

Creative Enzymes (Unlisted, New York USA)

Enzyme Innovation (Unlisted, Chino, California USA)

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

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

Sunsonzyme (Unlisted, Beijing China)

Jiangsu Yiming Biological Technology Co., Ltd. (Unlisted, Jiangsu China)

Biolaxi Corporation (Unlisted, Maharashtra India)

**Key Questions Answered:**

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

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