

# Global Fungal Xylanase 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 Fungal Xylanase market size was valued at US\$ 206 million in 2025 and is forecast to a readjusted size of US\$ 306 million by 2032 with a CAGR of 5.9% during review period.

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 is a detailed and comprehensive analysis for global Fungal Xylanase 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 Fungal Xylanase market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

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

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

Global Fungal Xylanase market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Kg), 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 Fungal Xylanase

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 Fungal Xylanase 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: 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.

## **Market Segmentation**

Fungal Xylanase 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

Aspergillus Xylanase

Trichoderma Xylanase

Penicillium Xylanase

### Market segment by Enzymatic Mechanism

Endo-type Fungal Xylanase

Exo-type Fungal Xylanase

### Market segment by Application

Feed

Food

Papermaking

Other

## Major players covered

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)

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 Fungal Xylanase product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Fungal Xylanase 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 Fungal Xylanase 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 Fungal Xylanase.

Chapter 14 and 15, to describe Fungal Xylanase sales channel, distributors, customers, research findings and conclusion.

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