

# Global Fungal Hemicellulase Market Growth 2026-2032

<https://marketpublishers.com/r/GB7983389098EN.html>

Date: May 2026

Pages: 117

Price: US\$ 3,660.00 (Single User License)

ID: GB7983389098EN

## Abstracts

The global Fungal Hemicellulase market size is predicted to grow from US\$ 3130 million in 2025 to US\$ 4594 million in 2032; it is expected to grow at a CAGR of 5.7% from 2026 to 2032.

Fungal hemicellulase is a biocatalyst developed to efficiently and cost-effectively decompose complex hemicellulose components in natural plant materials, releasing encapsulated nutrients or separating fibers. Demand stems from the urgent needs of the food, feed, and biofuel industries to improve raw material utilization, enhance process efficiency, and achieve green production. The upstream supply chain primarily includes the breeding of enzyme-producing fungal strains (such as *Aspergillus* and *Trichoderma*) and the supply of fermentation raw materials. Downstream applications are widespread in the feed industry (improving digestibility), food processing (bread improvement, juice clarification), paper bleaching, and biomass saccharification, forming a complete industrial chain from 'strain development ? industrial fermentation ? multi-field applications.' Its core value lies in achieving efficient biomass conversion under mild conditions through the broad-spectrum synergistic effect of fungal enzyme systems. In 2025, the production of fungal hemicellulase is estimated at approximately 80,000 tons, with an average price of approximately US\$40/kg, a gross profit margin of approximately 40%, and a single-line capacity of 1,000 tons/year.

United States market for Fungal Hemicellulase is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Fungal Hemicellulase is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Fungal Hemicellulase is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Fungal Hemicellulase players cover Novonesis (CPH: NZYM B, Bagsv?rd Denmark), 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), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Fungal Hemicellulase Industry Forecast" looks at past sales and reviews total world Fungal Hemicellulase sales in 2025, providing a comprehensive analysis by region and market sector of projected Fungal Hemicellulase sales for 2026 through 2032. With Fungal Hemicellulase sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Fungal Hemicellulase industry.

This Insight Report provides a comprehensive analysis of the global Fungal Hemicellulase landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Fungal Hemicellulase portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Fungal Hemicellulase market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Fungal Hemicellulase and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Fungal Hemicellulase.

This report presents a comprehensive overview, market shares, and growth opportunities of Fungal Hemicellulase market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Xylanase

Mannanase

Arabinofuranosidase

Xylosidase

Segmentation by Enzyme-producing Fungi:

Aspergillus Hemicellulase

Trichoderma Hemicellulase

Penicillium Hemicellulase

Segmentation by Application:

Feed

Food

Papermaking

Biofuel

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

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

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)

MSA-Ingredients (Unlisted, Giza Egypt)

Aspek Kimya (Unlisted, Istanbul T?rkiye)

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

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

Sunsonzyme (Unlisted, Beijing China)

Biolaxi Corporation (Unlisted, Maharashtra India)

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Fungal Hemicellulase market?

What factors are driving Fungal Hemicellulase market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?  
How do Fungal Hemicellulase market opportunities vary by end market size?  
How does Fungal Hemicellulase break out by Type, by Application?

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