

Global Fungal Hemicellulase 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 Hemicellulase market size was valued at US\$ 3293 million in 2025 and is forecast to a readjusted size of US\$ 4741 million by 2032 with a CAGR of 5.4% during review period.

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.

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

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

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

Global Fungal Hemicellulase market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), 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 Hemicellulase

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 Hemicellulase 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), 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), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Fungal Hemicellulase 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

Xylanase

Mannanase

Arabinofuranosidase

Xylosidase

Market segment by Enzyme-producing Fungi

Aspergillus Hemicellulase

Trichoderma Hemicellulase

Penicillium Hemicellulase

Market segment by Application

Feed

Food

Papermaking

Biofuel

Other

Major players covered

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)

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 Hemicellulase product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Fungal Hemicellulase 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 Hemicellulase 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 Hemicellulase.

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

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