

# Global Bacterial Hemicellulase Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Bacterial Hemicellulase market size is expected to reach \$ 903 million by 2032, rising at a market growth of 4.9% CAGR during the forecast period (2026-2032).

Bacterial hemicellulase is a high-temperature resistant biocatalyst developed by industrial biotechnology to address the core bottleneck of low utilization rates of plant raw materials in feed, food, and bioenergy sectors. Its demand stems from the problem of traditional fungal enzymes being easily inactivated during high-temperature processing (such as feed pelleting and food cooking), and the modern industrial pursuit of efficient, stable, and customizable enzyme preparations. The upstream supply chain relies on the development of genetically engineered strains and fermentation processes (such as recombinant *Bacillus* fermentation); the downstream applications are widespread in the feed industry (improving nutrient digestibility), food processing (improving texture), and biofuel production (lignocellulose saccharification), forming a complete industrial chain from 'genetic design > fermentation production > industrial application.' Its core value lies in achieving a unified high-temperature process and enzyme activity preservation through technological breakthroughs, improving resource utilization efficiency and reducing industrial energy consumption. In 2025, the production of bacterial hemicellulase is estimated at approximately 9,000 tons, with an average price of approximately US\$70/kg, a gross profit margin of approximately 40%, and a single-line capacity of 100 tons/year.

This report studies the global Bacterial Hemicellulase production, demand, key manufacturers, and key regions.

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

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

Global Bacterial Hemicellulase total production and demand, 2021-2032, (Tons)

Global Bacterial Hemicellulase total production value, 2021-2032, (USD Million)

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

Global Bacterial Hemicellulase consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Bacterial Hemicellulase domestic production, consumption, key domestic manufacturers and share

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

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

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

This report profiles key players in the global Bacterial Hemicellulase 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), AB Enzymes GmbH (Unlisted, Darmstadt Germany), Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China), Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China), Creative Enzymes (Unlisted, New York USA), Meteoric Biopharmaceuticals (Unlisted, Gujarat India), Aspek Kimya (Unlisted, Istanbul Turkiye), MSA-Ingredients (Unlisted, Giza Egypt), Enzyme Innovation (Unlisted, Chino, California USA), Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong 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 Bacterial Hemicellulase 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 Bacterial Hemicellulase Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Bacterial Hemicellulase Market, Segmentation by Type:

Xylanase

Mannanase

Arabinofuranosidase

Xylosidase

Glucuronidase

#### Global Bacterial Hemicellulase Market, Segmentation by Enzymatic Mechanism:

Endo-acting Enzyme

Exo-acting Enzyme

Auxiliary Enzyme

#### Global Bacterial Hemicellulase Market, Segmentation by Application:

Feed

Food

Biofuel

Papermaking

Other

#### Companies Profiled:

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

AB Enzymes GmbH (Unlisted, Darmstadt Germany)

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

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

Creative Enzymes (Unlisted, New York USA)

Meteoric Biopharmaceuticals (Unlisted, Gujarat India)

Aspek Kimya (Unlisted, Istanbul Turkiye)

MSA-Ingredients (Unlisted, Giza Egypt)

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)

Biolaxi Corporation (Unlisted, Maharashtra India)

**Key Questions Answered:**

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

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