

Global Food Grade Fungal α -Amylase Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Food Grade Fungal α -Amylase market size is expected to reach \$ 224 million by 2032, rising at a market growth of 5.1% CAGR during the forecast period (2026-2032).

Food-grade fungal α -amylase is a food-processing enzyme preparation with fungal α -amylase as its primary active ingredient. Its mechanism of action involves the endo-hydrolysis of α -1,4-glycosidic bonds within starch molecules, degrading starch into dextrins, maltose, and fermentable sugars. It is primarily used for flour correction, dough fermentation, improving baking volume, aiding saccharification, and adjusting viscosity during food processing.

Upstream inputs for food-grade fungal α -amylase primarily include enzyme-producing strains, fermentation carbon and nitrogen sources, inorganic salts, inducing substrates, stabilizers, carriers, and food-grade processing aids. Production typically employs submerged fungal fermentation; the process involves strain propagation, fermentation, filtration, concentration, purification, standardization, and drying to yield liquid, powder, or granular enzyme preparations. Carbon sources may include starch hydrolysates, glucose, or maltodextrin; nitrogen sources may include yeast powder, peptone, or corn steep liquor; and common carriers include starch, dextrin, wheat flour, or food-grade salts.

In 2025, global sales volume is approximately 11,000 metric tons, with a prevailing ex-factory price of around US\$14 per kilogram. Major manufacturers in the industry typically achieve gross profit margins of approximately 35%-50%.

This report studies the global Food Grade Fungal α -Amylase production, demand, key

manufacturers, and key regions.

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

Highlights and key features of the study

Global Food Grade Fungal α -Amylase total production and demand, 2021-2032, (Tons)

Global Food Grade Fungal α -Amylase total production value, 2021-2032, (USD Million)

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

Global Food Grade Fungal α -Amylase consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Food Grade Fungal α -Amylase domestic production, consumption, key domestic manufacturers and share

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

Global Food Grade Fungal α -Amylase production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Food Grade Fungal α -Amylase production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Food Grade Fungal α -Amylase 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, IFF, AB Enzymes, dsm-firmenich, Biocatalysts, Kerry Group, Advanced Enzyme Technologies, VTR Biotech, Sunson, Bestzyme, 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 Food Grade Fungal α -Amylase 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 Food Grade Fungal α -Amylase Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Food Grade Fungal α -Amylase Market, Segmentation by Type:

Liquid

Powder

Global Food Grade Fungal α -Amylase Market, Segmentation by Operating Temperature:

Low-Temperature Type

Medium-Temperature Type

High-Temperature Type

Global Food Grade Fungal α -Amylase Market, Segmentation by Application:

Baked Goods

Starch-Based Sugars

Beer Brewing

Other

Companies Profiled:

Novonesis

IFF

AB Enzymes

dsm-firmenich

Biocatalysts

Kerry Group

Advanced Enzyme Technologies

VTR Biotech

Sunson

Bestzyme

Key Questions Answered:

1. How big is the global Food Grade Fungal α -Amylase market?

Global Food Grade Fungal α -Amylase Supply, Demand and Key Producers, 2026-2032

2. What is the demand of the global Food Grade Fungal α -Amylase market?
3. What is the year over year growth of the global Food Grade Fungal α -Amylase market?
4. What is the production and production value of the global Food Grade Fungal α -Amylase market?
5. Who are the key producers in the global Food Grade Fungal α -Amylase market?
6. What are the growth factors driving the market demand?

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