

Global Food Grade Neutral Protease Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Food Grade Neutral Protease market size is expected to reach \$ 3457 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

In 2025, global sales of food-grade neutral protease reached 186,000 tons, with an average selling price of US\$11,800 per ton. Food-grade neutral protease is a type of biological enzyme preparation with high catalytic activity in the pH range of 6.5 to 7.5. It is mainly derived from the fermentation broth of microorganisms such as *Bacillus subtilis* and *Bacillus licheniformis*, and is produced through processes such as extraction, purification, and spray drying. This product is used to hydrolyze food proteins, improve the tenderness of meat products, enhance the flavor of dairy products, and improve the solubility and functionality of plant proteins. It is also widely used in condiments, soy sauce fermentation, baked goods, protein beverages, and plant-based foods. The main upstream raw materials include corn glucose syrup, nitrogen sources (soybean meal hydrolysate, yeast extract), inorganic salts, and yeast fermentation broth. Suppliers are mostly large starch sugar companies and compound culture medium companies. Downstream customers include food processing plants, condiment companies, plant-based food companies, and compound additive factories. The global total production capacity is approximately 280,000 tons, with an industry gross profit margin of approximately 32% to 45%. In downstream consumption, soy sauce and condiments account for approximately 40%, plant-based protein drinks and meat products for approximately 30%, and baking applications for approximately 15%. Future demand growth will be driven by the expansion of plant-based foods, the upgrading of efficient fermentation of condiments, and clean labeling. Business opportunities are mainly reflected in the development of high-temperature resistant enzymes, high-activity low-dosage enzyme preparations, and cost reduction through continuous fermentation technology.

The food-grade neutral protease market exhibits a pattern of stable growth alongside premiumization. As the global food industry moves towards functional, health-oriented, and plant-based products, the demand for protein modification and hydrolysis continues to increase. Neutral proteases are playing an increasingly important role in meat tenderization, dairy flavor enhancement, soy sauce and condiment fermentation, and improving the solubility of plant proteins. Simultaneously, consumers' growing preference for natural, low-additive, and clean-label foods is driving companies to replace chemical modifiers with bio-enzymes, enhancing the irreplaceable role of these products in food formulations.

In terms of technological trends, the market is gradually upgrading from ordinary active enzymes to high-activity, heat-resistant, low-dosage, and substrate-selective enzyme preparations. High-end plant proteins, fermented condiments, and functional protein drinks are becoming the main growth markets, placing higher demands on the purity, stability, and controllability of enzyme preparations. The industry's competitive landscape is characterized by 'international leading companies with technological advantages and domestic manufacturers with flexible responses,' with high concentration in the high-end market and fierce competition in the mid-to-low-end market.

Overall, the food-grade neutral protease market benefits from food industry upgrades, the growth of plant-based proteins, and the trend towards health and clean labeling. Future growth potential mainly lies in the research and development of high-performance enzyme preparations, cost reduction in continuous fermentation processes, and customized solutions for novel food applications. High added value and technological barriers will be key factors for companies competing for market share. This report studies the global Food Grade Neutral Protease production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Food Grade Neutral Protease total production and demand, 2021-2032, (Kilotons)

Global Food Grade Neutral Protease total production value, 2021-2032, (USD Million)

Global Food Grade Neutral Protease production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global Food Grade Neutral Protease consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: Food Grade Neutral Protease domestic production, consumption, key domestic manufacturers and share

Global Food Grade Neutral Protease production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global Food Grade Neutral Protease production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global Food Grade Neutral Protease production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global Food Grade Neutral Protease 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 Creative Enzymes, Yakult Pharmaceutical Industry Co., Ltd., Lallemand Inc., Sunson Industry Group Co.,Ltd., MUSEN, Waycoo Nutritions, Noor Enzymes, Jintang Bestway Technology Co.,Ltd., JINBO, Mondstar, 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 Neutral Protease market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) 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 Neutral Protease Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Food Grade Neutral Protease Market, Segmentation by Type:

Serine Proteases

Aspartic Proteases

Cysteine ??Proteases

Metalloproteinases

Global Food Grade Neutral Protease Market, Segmentation by Product Form:

Liquid Enzymes

Solid Powders

Particles/Microcapsules

Immobilized Enzymes

Global Food Grade Neutral Protease Market, Segmentation by Enzyme Source Microorganisms:

Aspergillus Oryzae Protease

Engineering Strain Protease

Bacillus Subtilis Protease

Others

Global Food Grade Neutral Protease Market, Segmentation by Application:

Meat

Baked Goods

Beer

Companies Profiled:

Creative Enzymes

Yakult Pharmaceutical Industry Co., Ltd.

Lallemand Inc.

Sunson Industry Group Co.,Ltd.

MUSEN

Waycoo Nutritions

Noor Enzymes

Jintang Bestway Technology Co.,Ltd.

JINBO

Mondstar

SUNWAY

HUATANGJURUI

Key Questions Answered:

1. How big is the global Food Grade Neutral Protease market?
2. What is the demand of the global Food Grade Neutral Protease market?

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

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