

# Global Food Grade Neutral Protease 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 Food Grade Neutral Protease market size was valued at US\$ 2258 million in 2025 and is forecast to a readjusted size of US\$ 3457 million by 2032 with a CAGR of 6.2% during review period.

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 is a detailed and comprehensive analysis for global Food Grade Neutral Protease 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 Food Grade Neutral Protease market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Food Grade Neutral Protease market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Food Grade Neutral Protease market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Food Grade Neutral Protease market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 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 Food Grade Neutral Protease

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 Food Grade Neutral Protease 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 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.

### **Market Segmentation**

Food Grade Neutral Protease 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

Serine Proteases

Aspartic Proteases

Cysteine ??Proteases

Metalloproteinases

#### Market segment by Product Form

Liquid Enzymes

Solid Powders

Particles/Microcapsules

Immobilized Enzymes

#### Market segment by Enzyme Source Microorganisms

Aspergillus Oryzae Protease

Engineering Strain Protease

Bacillus Subtilis Protease

Others

## Market segment by Application

Meat

Baked Goods

Beer

## Major players covered

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

## 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 Food Grade Neutral Protease product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Food Grade Neutral Protease, with price, sales quantity, revenue, and global market share of Food Grade Neutral Protease from 2021 to 2026.

Chapter 3, the Food Grade Neutral Protease competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Food Grade Neutral Protease 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 Food Grade Neutral Protease 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 Food Grade Neutral Protease.

Chapter 14 and 15, to describe Food Grade Neutral Protease sales channel, distributors, customers, research findings and conclusion.

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