

# Global Protease Powder 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 Protease Powder market size was valued at US\$ 324 million in 2025 and is forecast to a readjusted size of US\$ 452 million by 2032 with a CAGR of 4.9% during review period.

Protease powder is a solid enzyme preparation produced through bio-fermentation, extraction, purification, and drying processes. It can efficiently catalyze protein hydrolysis reactions. Demand primarily stems from the urgent need in the feed industry (premix additives to improve animal protein digestibility), the food industry (cheese curdling, meat tenderizing, baking improvement, and protein hydrolysis), the detergent industry (powdered detergent cleaning enzymes), and the leather and textile industry (hair removal and softening agents) for standardized enzyme preparations with high stability, long shelf life, easy storage and transportation, and direct dry mixing capabilities. The upstream supply chain encompasses strain research and improvement (high-yield protease engineered strains), fermentation raw material supply (soybean meal, corn steep liquor, and other agricultural byproducts), and the manufacturing of bioreactors and drying equipment. Downstream, it directly connects with feed processing plants, food production enterprises, detergent manufacturers, leather processors, and biological reagent companies, ultimately integrating the product into various dry formulations or production processes. In 2025, protease powder production is estimated at approximately 35,000 tons, with an average price of approximately US\$9,000 per ton, a gross profit margin of approximately 30%, and a single-line capacity of 400 tons per year.

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

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

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

Global Protease Powder market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), 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 Protease Powder
- 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 Protease Powder 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), International Flavors & Fragrances Inc. (NYSE: IFF, New York USA), DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland), Amano Enzyme Inc. (TYO: 2802, Aichi Japan), Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China), Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China), AB Enzymes GmbH (Unlisted, Darmstadt Germany), Kerry Group plc (ISE: KRZ, Tralee Ireland), Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India), Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan), etc.

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

## **Market Segmentation**

Protease Powder 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

Microbial Fermentation Protease Powder

Animal Extract Protease Powder

Plant Extract Protease Powder

### Market segment by Enzymatic Properties

Acid

Neutral

Alkaline

### Market segment by Application

Food

Feed

Leather

Detergent

Biopharmaceutical

Other

#### Major players covered

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

International Flavors & Fragrances Inc. (NYSE: IFF, New York USA)

DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland)

Amano Enzyme Inc. (TYO: 2802, Aichi Japan)

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

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

AB Enzymes GmbH (Unlisted, Darmstadt Germany)

Kerry Group plc (ISE: KRZ, Tralee Ireland)

Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India)

Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan)

Biocatalysts Ltd. (Unlisted, Wales UK)

Creative Enzymes (Unlisted, New York USA)

SunHY(Unlisted, Hubei China)

Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China)

Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China)

Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China)

Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China)

Sunsonzyme (Unlisted, Beijing China)

MondStar International Trading Co. Ltd (Unlisted, Henan China)

Fruzyme Biotech (Unlisted, Tamil Nadu 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 Protease Powder product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Protease Powder 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 Protease Powder 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 Protease Powder.

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

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