

# Global Acid Protease Powder Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Acid Protease Powder market size is expected to reach \$ 153 million by 2032, rising at a market growth of 5.9% CAGR during the forecast period (2026-2032).

Acid protease powder is a solid enzyme preparation produced through microbial fermentation, extraction, purification, and drying (e.g., spray drying, freeze drying). Its core characteristic is maintaining high catalytic activity in an acidic pH environment, enabling efficient hydrolysis of protein peptide bonds. Demand primarily stems from the food industry (e.g., cheese curd, meat tenderizer, baking improver), the feed industry (as a premix additive to improve protein digestibility), and the leather and textile industry (depilatory softening powder), which require enzyme preparations with specific requirements for stability in dry form, long shelf life, low transportation costs, and ease of dry mixing. The upstream supply chain involves strain development (high-yield acidic protease strains), fermentation raw material supply (soybean meal, corn steep liquor, etc.), and the manufacturing of fermentation and spray drying equipment. Downstream, it directly connects with food processing plants, feed production companies, tanneries, and scientific reagent distributors, ultimately being applied in various solid or low-moisture processing systems. In 2025, the production of acid protease powder is estimated at approximately 10,000 tons, with an average price of approximately US\$10,000 per ton, a gross profit margin of approximately 30%, and a single-line capacity of 150 tons per year.

This report studies the global Acid Protease Powder production, demand, key manufacturers, and key regions.

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

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

Global Acid Protease Powder total production and demand, 2021-2032, (Tons)

Global Acid Protease Powder total production value, 2021-2032, (USD Million)

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

Global Acid Protease Powder consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Acid Protease Powder domestic production, consumption, key domestic manufacturers and share

Global Acid Protease Powder production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Acid Protease Powder production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Acid Protease Powder production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Acid Protease Powder 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), 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Acid Protease Powder market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) 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 Acid Protease Powder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Acid Protease Powder Market, Segmentation by Type:

Fungal Acid Protease Powder

Microbial Recombinant Acid Protease Powder

Animal-Derived Acid Protease Powder

#### Global Acid Protease Powder Market, Segmentation by Product Form:

Carrier-Bound Type

Microencapsulated

Lyophilized Trpe

#### Global Acid Protease Powder Market, Segmentation by Application:

Food

Feed

Leather

Other

#### Companies Profiled:

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)

### **Key Questions Answered:**

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

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Railway Anti Vibration and Shock Absorption Products Introduction
- 1.2 World Railway Anti Vibration and Shock Absorption Products Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Railway Anti Vibration and Shock Absorption Products Total Market by Region (by Headquarter Location)
  - 1.3.1 World Railway Anti Vibration and Shock Absorption Products Market Size by Region (2021-2032), (by Headquarter Location)
  - 1.3.2 United States Based Company Railway Anti Vibration and Shock Absorption Products Revenue (2021-2032)
  - 1.3.3 China Based Company Railway Anti Vibration and Shock Absorption Products Revenue (2021-2032)
  - 1.3.4 Europe Based Company Railway Anti Vibration and Shock Absorption Products Revenue (2021-2032)
  - 1.3.5 Japan Based Company Railway Anti Vibration and Shock Absorption Products Revenue (2021-2032)
  - 1.3.6 South Korea Based Company Railway Anti Vibration and Shock Absorption Products Revenue (2021-2032)
  - 1.3.7 ASEAN Based Company Railway Anti Vibration and Shock Absorption Products Revenue (2021-2032)
  - 1.3.8 India Based Company Railway Anti Vibration and Shock Absorption Products Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Railway Anti Vibration and Shock Absorption Products Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)
- 2.2 World Railway Anti Vibration and Shock Absorption Products Consumption Value by Region
  - 2.2.1 World Railway Anti Vibration and Shock Absorption Products Consumption Value by Region (2021-2026)
  - 2.2.2 World Railway Anti Vibration and Shock Absorption Products Consumption Value

Forecast by Region (2027-2032)

2.3 United States Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)

2.4 China Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)

2.5 Europe Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)

2.6 Japan Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)

2.7 South Korea Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)

2.8 ASEAN Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)

2.9 India Railway Anti Vibration and Shock Absorption Products Consumption Value (2021-2032)

### **3 WORLD RAILWAY ANTI VIBRATION AND SHOCK ABSORPTION PRODUCTS COMPANIES COMPETITIVE ANALYSIS**

3.1 World Railway Anti Vibration and Shock Absorption Products Revenue by Player (2021-2026)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Railway Anti Vibration and Shock Absorption Products Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Railway Anti Vibration and Shock Absorption Products in 2025

3.2.3 Global Concentration Ratios (CR8) for Railway Anti Vibration and Shock Absorption Products in 2025

3.3 Railway Anti Vibration and Shock Absorption Products Company Evaluation Quadrant

3.4 Railway Anti Vibration and Shock Absorption Products Market: Overall Company Footprint Analysis

3.4.1 Railway Anti Vibration and Shock Absorption Products Market: Region Footprint

3.4.2 Railway Anti Vibration and Shock Absorption Products Market: Company Product Type Footprint

3.4.3 Railway Anti Vibration and Shock Absorption Products Market: Company Product Application Footprint

3.5 Competitive Environment

3.5.1 Historical Structure of the Industry

- 3.5.2 Barriers of Market Entry
- 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

## **4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)**

### 4.1 United States VS China: Railway Anti Vibration and Shock Absorption Products Revenue Comparison (by Headquarter Location)

4.1.1 United States VS China: Railway Anti Vibration and Shock Absorption Products Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)

4.1.2 United States VS China: Railway Anti Vibration and Shock Absorption Products Revenue Market Share Comparison (2021 & 2025 & 2032)

### 4.2 United States Based Companies VS China Based Companies: Railway Anti Vibration and Shock Absorption Products Consumption Value Comparison

4.2.1 United States VS China: Railway Anti Vibration and Shock Absorption Products Consumption Value Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Railway Anti Vibration and Shock Absorption Products Consumption Value Market Share Comparison (2021 & 2025 & 2032)

### 4.3 United States Based Railway Anti Vibration and Shock Absorption Products Companies and Market Share, 2021-2026

4.3.1 United States Based Railway Anti Vibration and Shock Absorption Products Companies, Headquarters (States, Country)

4.3.2 United States Based Companies Railway Anti Vibration and Shock Absorption Products Revenue, (2021-2026)

### 4.4 China Based Companies Railway Anti Vibration and Shock Absorption Products Revenue and Market Share, 2021-2026

4.4.1 China Based Railway Anti Vibration and Shock Absorption Products Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Railway Anti Vibration and Shock Absorption Products Revenue, (2021-2026)

### 4.5 Rest of World Based Railway Anti Vibration and Shock Absorption Products Companies and Market Share, 2021-2026

4.5.1 Rest of World Based Railway Anti Vibration and Shock Absorption Products Companies, Headquarters (Province, Country)

4.5.2 Rest of World Based Companies Railway Anti Vibration and Shock Absorption Products Revenue (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Railway Anti Vibration and Shock Absorption Products Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 NR

5.2.2 Synthetic

5.3 Market Segment by Type

5.3.1 World Railway Anti Vibration and Shock Absorption Products Market Size by Type (2021-2026)

5.3.2 World Railway Anti Vibration and Shock Absorption Products Market Size by Type (2027-2032)

5.3.3 World Railway Anti Vibration and Shock Absorption Products Market Size Market Share by Type (2027-2032)

## **6 MARKET ANALYSIS BY TECHNOLOGY**

6.1 World Railway Anti Vibration and Shock Absorption Products Market Size Overview by Technology: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Technology

6.2.1 Compression Type

6.2.2 Shear Type

6.2.3 Others

6.3 Market Segment by Technology

6.3.1 World Railway Anti Vibration and Shock Absorption Products Market Size by Technology (2021-2026)

6.3.2 World Railway Anti Vibration and Shock Absorption Products Market Size by Technology (2027-2032)

6.3.3 World Railway Anti Vibration and Shock Absorption Products Market Size Market Share by Technology (2027-2032)

## **7 MARKET ANALYSIS BY APPLICATION**

7.1 World Railway Anti Vibration and Shock Absorption Products Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Electric Locomotive

7.2.2 EMU

7.2.3 Subway/Light Rail

7.3 Market Segment by Application

7.3.1 World Railway Anti Vibration and Shock Absorption Products Market Size by Application (2021-2026)

7.3.2 World Railway Anti Vibration and Shock Absorption Products Market Size by Application (2027-2032)

7.3.3 World Railway Anti Vibration and Shock Absorption Products Market Size Market Share by Application (2021-2032)

## **8 COMPANY PROFILES**

### **8.1 Wabtec**

8.1.1 Wabtec Details

8.1.2 Wabtec Major Business

8.1.3 Wabtec Railway Anti Vibration and Shock Absorption Products Product and Services

8.1.4 Wabtec Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.1.5 Wabtec Recent Developments/Updates

8.1.6 Wabtec Competitive Strengths & Weaknesses

### **8.2 ContiTech**

8.2.1 ContiTech Details

8.2.2 ContiTech Major Business

8.2.3 ContiTech Railway Anti Vibration and Shock Absorption Products Product and Services

8.2.4 ContiTech Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.2.5 ContiTech Recent Developments/Updates

8.2.6 ContiTech Competitive Strengths & Weaknesses

### **8.3 Trelleborg**

8.3.1 Trelleborg Details

8.3.2 Trelleborg Major Business

8.3.3 Trelleborg Railway Anti Vibration and Shock Absorption Products Product and Services

8.3.4 Trelleborg Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.3.5 Trelleborg Recent Developments/Updates

8.3.6 Trelleborg Competitive Strengths & Weaknesses

### **8.4 BOGE**

8.4.1 BOGE Details

8.4.2 BOGE Major Business

8.4.3 BOGE Railway Anti Vibration and Shock Absorption Products Product and Services

8.4.4 BOGE Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.4.5 BOGE Recent Developments/Updates

8.4.6 BOGE Competitive Strengths & Weaknesses

8.5 GMT Rubber

8.5.1 GMT Rubber Details

8.5.2 GMT Rubber Major Business

8.5.3 GMT Rubber Railway Anti Vibration and Shock Absorption Products Product and Services

8.5.4 GMT Rubber Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.5.5 GMT Rubber Recent Developments/Updates

8.5.6 GMT Rubber Competitive Strengths & Weaknesses

8.6 CRRC Times New Material

8.6.1 CRRC Times New Material Details

8.6.2 CRRC Times New Material Major Business

8.6.3 CRRC Times New Material Railway Anti Vibration and Shock Absorption Products Product and Services

8.6.4 CRRC Times New Material Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.6.5 CRRC Times New Material Recent Developments/Updates

8.6.6 CRRC Times New Material Competitive Strengths & Weaknesses

8.7 Haida

8.7.1 Haida Details

8.7.2 Haida Major Business

8.7.3 Haida Railway Anti Vibration and Shock Absorption Products Product and Services

8.7.4 Haida Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.7.5 Haida Recent Developments/Updates

8.7.6 Haida Competitive Strengths & Weaknesses

8.8 CRCC High-Tech Equipment

8.8.1 CRCC High-Tech Equipment Details

8.8.2 CRCC High-Tech Equipment Major Business

8.8.3 CRCC High-Tech Equipment Railway Anti Vibration and Shock Absorption Products Product and Services

8.8.4 CRCC High-Tech Equipment Railway Anti Vibration and Shock Absorption

## Products Revenue, Gross Margin and Market Share (2021-2026)

8.8.5 CRCC High-Tech Equipment Recent Developments/Updates

8.8.6 CRCC High-Tech Equipment Competitive Strengths & Weaknesses

## 8.9 Sumitomo Electric

8.9.1 Sumitomo Electric Details

8.9.2 Sumitomo Electric Major Business

8.9.3 Sumitomo Electric Railway Anti Vibration and Shock Absorption Products

## Product and Services

8.9.4 Sumitomo Electric Railway Anti Vibration and Shock Absorption Products

## Revenue, Gross Margin and Market Share (2021-2026)

8.9.5 Sumitomo Electric Recent Developments/Updates

8.9.6 Sumitomo Electric Competitive Strengths & Weaknesses

## 8.10 Bridgestone

8.10.1 Bridgestone Details

8.10.2 Bridgestone Major Business

8.10.3 Bridgestone Railway Anti Vibration and Shock Absorption Products Product and

## Services

8.10.4 Bridgestone Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.10.5 Bridgestone Recent Developments/Updates

8.10.6 Bridgestone Competitive Strengths & Weaknesses

## 8.11 Rex Articoli Tecnici

8.11.1 Rex Articoli Tecnici Details

8.11.2 Rex Articoli Tecnici Major Business

8.11.3 Rex Articoli Tecnici Railway Anti Vibration and Shock Absorption Products

## Product and Services

8.11.4 Rex Articoli Tecnici Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.11.5 Rex Articoli Tecnici Recent Developments/Updates

8.11.6 Rex Articoli Tecnici Competitive Strengths & Weaknesses

## 8.12 MGM Rubber Company

8.12.1 MGM Rubber Company Details

8.12.2 MGM Rubber Company Major Business

8.12.3 MGM Rubber Company Railway Anti Vibration and Shock Absorption Products

## Product and Services

8.12.4 MGM Rubber Company Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

8.12.5 MGM Rubber Company Recent Developments/Updates

8.12.6 MGM Rubber Company Competitive Strengths & Weaknesses

## 8.13 Harltex

### 8.13.1 Harltex Details

### 8.13.2 Harltex Major Business

### 8.13.3 Harltex Railway Anti Vibration and Shock Absorption Products Product and Services

### 8.13.4 Harltex Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

### 8.13.5 Harltex Recent Developments/Updates

### 8.13.6 Harltex Competitive Strengths & Weaknesses

## 8.14 Borflex Rex SA

### 8.14.1 Borflex Rex SA Details

### 8.14.2 Borflex Rex SA Major Business

### 8.14.3 Borflex Rex SA Railway Anti Vibration and Shock Absorption Products Product and Services

### 8.14.4 Borflex Rex SA Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

### 8.14.5 Borflex Rex SA Recent Developments/Updates

### 8.14.6 Borflex Rex SA Competitive Strengths & Weaknesses

## 8.15 Nitta Chemical Industrial Products

### 8.15.1 Nitta Chemical Industrial Products Details

### 8.15.2 Nitta Chemical Industrial Products Major Business

### 8.15.3 Nitta Chemical Industrial Products Railway Anti Vibration and Shock Absorption Products Product and Services

### 8.15.4 Nitta Chemical Industrial Products Railway Anti Vibration and Shock Absorption Products Revenue, Gross Margin and Market Share (2021-2026)

### 8.15.5 Nitta Chemical Industrial Products Recent Developments/Updates

### 8.15.6 Nitta Chemical Industrial Products Competitive Strengths & Weaknesses

## 9 INDUSTRY CHAIN ANALYSIS

### 9.1 Railway Anti Vibration and Shock Absorption Products Industry Chain

### 9.2 Railway Anti Vibration and Shock Absorption Products Upstream Analysis

### 9.3 Railway Anti Vibration and Shock Absorption Products Midstream Analysis

### 9.4 Railway Anti Vibration and Shock Absorption Products Downstream Analysis

## 10 RESEARCH FINDINGS AND CONCLUSION

## 11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Acid Protease Powder Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Acid Protease Powder Production Value by Region (2021-2026) & (USD Million)

Table 3. World Acid Protease Powder Production Value by Region (2027-2032) & (USD Million)

Table 4. World Acid Protease Powder Production Value Market Share by Region (2021-2026)

Table 5. World Acid Protease Powder Production Value Market Share by Region (2027-2032)

Table 6. World Acid Protease Powder Production by Region (2021-2026) & (Tons)

Table 7. World Acid Protease Powder Production by Region (2027-2032) & (Tons)

Table 8. World Acid Protease Powder Production Market Share by Region (2021-2026)

Table 9. World Acid Protease Powder Production Market Share by Region (2027-2032)

Table 10. World Acid Protease Powder Average Price by Region (2021-2026) & (US\$/Ton)

Table 11. World Acid Protease Powder Average Price by Region (2027-2032) & (US\$/Ton)

Table 12. Acid Protease Powder Major Market Trends

Table 13. World Acid Protease Powder Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Acid Protease Powder Consumption by Region (2021-2026) & (Tons)

Table 15. World Acid Protease Powder Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Acid Protease Powder Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Acid Protease Powder Producers in 2025

Table 18. World Acid Protease Powder Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Acid Protease Powder Producers in 2025

Table 20. World Acid Protease Powder Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global Acid Protease Powder Company Evaluation Quadrant

Table 22. World Acid Protease Powder Industry Rank of Major Manufacturers, Based

on Production Value in 2025

Table 23. Head Office and Acid Protease Powder Production Site of Key Manufacturer

Table 24. Acid Protease Powder Market: Company Product Type Footprint

Table 25. Acid Protease Powder Market: Company Product Application Footprint

Table 26. Acid Protease Powder Competitive Factors

Table 27. Acid Protease Powder New Entrant and Capacity Expansion Plans

Table 28. Acid Protease Powder Mergers & Acquisitions Activity

Table 29. United States VS China Acid Protease Powder Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Acid Protease Powder Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Acid Protease Powder Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Acid Protease Powder Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Acid Protease Powder Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Acid Protease Powder Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Acid Protease Powder Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Acid Protease Powder Production Market Share (2021-2026)

Table 37. China Based Acid Protease Powder Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Acid Protease Powder Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Acid Protease Powder Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Acid Protease Powder Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Acid Protease Powder Production Market Share (2021-2026)

Table 42. Rest of World Based Acid Protease Powder Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Acid Protease Powder Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Acid Protease Powder Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Acid Protease Powder Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Acid Protease Powder Production Market Share (2021-2026)

Table 47. World Acid Protease Powder Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Acid Protease Powder Production by Type (2021-2026) & (Tons)

Table 49. World Acid Protease Powder Production by Type (2027-2032) & (Tons)

Table 50. World Acid Protease Powder Production Value by Type (2021-2026) & (USD Million)

Table 51. World Acid Protease Powder Production Value by Type (2027-2032) & (USD Million)

Table 52. World Acid Protease Powder Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World Acid Protease Powder Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World Acid Protease Powder Production Value by Product Form, (USD Million), 2021 & 2025 & 2032

Table 55. World Acid Protease Powder Production by Product Form (2021-2026) & (Tons)

Table 56. World Acid Protease Powder Production by Product Form (2027-2032) & (Tons)

Table 57. World Acid Protease Powder Production Value by Product Form (2021-2026) & (USD Million)

Table 58. World Acid Protease Powder Production Value by Product Form (2027-2032) & (USD Million)

Table 59. World Acid Protease Powder Average Price by Product Form (2021-2026) & (US\$/Ton)

Table 60. World Acid Protease Powder Average Price by Product Form (2027-2032) & (US\$/Ton)

Table 61. World Acid Protease Powder Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 62. World Acid Protease Powder Production by Application (2021-2026) & (Tons)

Table 63. World Acid Protease Powder Production by Application (2027-2032) & (Tons)

Table 64. World Acid Protease Powder Production Value by Application (2021-2026) & (USD Million)

Table 65. World Acid Protease Powder Production Value by Application (2027-2032) & (USD Million)

Table 66. World Acid Protease Powder Average Price by Application (2021-2026) &

(US\$/Ton)

Table 67. World Acid Protease Powder Average Price by Application (2027-2032) & (US\$/Ton)

Table 68. Novonesis (CPH: NZYM B, Bagsv?rd Denmark) Basic Information, Manufacturing Base and Competitors

Table 69. Novonesis (CPH: NZYM B, Bagsv?rd Denmark) Major Business

Table 70. Novonesis (CPH: NZYM B, Bagsv?rd Denmark) Acid Protease Powder Product and Services

Table 71. Novonesis (CPH: NZYM B, Bagsv?rd Denmark) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. Novonesis (CPH: NZYM B, Bagsv?rd Denmark) Recent Developments/Updates

Table 73. Novonesis (CPH: NZYM B, Bagsv?rd Denmark) Competitive Strengths & Weaknesses

Table 74. International Flavors & Fragrances Inc. (NYSE: IFF, New York USA) Basic Information, Manufacturing Base and Competitors

Table 75. International Flavors & Fragrances Inc. (NYSE: IFF, New York USA) Major Business

Table 76. International Flavors & Fragrances Inc. (NYSE: IFF, New York USA) Acid Protease Powder Product and Services

Table 77. International Flavors & Fragrances Inc. (NYSE: IFF, New York USA) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. International Flavors & Fragrances Inc. (NYSE: IFF, New York USA) Recent Developments/Updates

Table 79. International Flavors & Fragrances Inc. (NYSE: IFF, New York USA) Competitive Strengths & Weaknesses

Table 80. DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland) Basic Information, Manufacturing Base and Competitors

Table 81. DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland) Major Business

Table 82. DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland) Acid Protease Powder Product and Services

Table 83. DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland) Recent Developments/Updates

Table 85. DSM-Firmenich AG (SIX: DSMF, Kaiseraugst Switzerland) Competitive

## Strengths & Weaknesses

Table 86. Amano Enzyme Inc. (TYO: 2802, Aichi Japan) Basic Information, Manufacturing Base and Competitors

Table 87. Amano Enzyme Inc. (TYO: 2802, Aichi Japan) Major Business

Table 88. Amano Enzyme Inc. (TYO: 2802, Aichi Japan) Acid Protease Powder Product and Services

Table 89. Amano Enzyme Inc. (TYO: 2802, Aichi Japan) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. Amano Enzyme Inc. (TYO: 2802, Aichi Japan) Recent Developments/Updates

Table 91. Amano Enzyme Inc. (TYO: 2802, Aichi Japan) Competitive Strengths & Weaknesses

Table 92. Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China) Basic Information, Manufacturing Base and Competitors

Table 93. Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China) Major Business

Table 94. Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China) Acid Protease Powder Product and Services

Table 95. Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China) Recent Developments/Updates

Table 97. Guangdong VTR Bio-Tech Co., Ltd. (SZSE: 300381, Guangdong China) Competitive Strengths & Weaknesses

Table 98. Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China) Basic Information, Manufacturing Base and Competitors

Table 99. Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China) Major Business

Table 100. Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China) Acid Protease Powder Product and Services

Table 101. Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 102. Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China) Recent Developments/Updates

Table 103. Shandong Vland Biotech Inc. (SHSE: 603739, Shandong China) Competitive Strengths & Weaknesses

Table 104. AB Enzymes GmbH (Unlisted, Darmstadt Germany) Basic Information, Manufacturing Base and Competitors

Table 105. AB Enzymes GmbH (Unlisted, Darmstadt Germany) Major Business

Table 106. AB Enzymes GmbH (Unlisted, Darmstadt Germany) Acid Protease Powder Product and Services

Table 107. AB Enzymes GmbH (Unlisted, Darmstadt Germany) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. AB Enzymes GmbH (Unlisted, Darmstadt Germany) Recent Developments/Updates

Table 109. AB Enzymes GmbH (Unlisted, Darmstadt Germany) Competitive Strengths & Weaknesses

Table 110. Kerry Group plc (ISE: KRZ, Tralee Ireland) Basic Information, Manufacturing Base and Competitors

Table 111. Kerry Group plc (ISE: KRZ, Tralee Ireland) Major Business

Table 112. Kerry Group plc (ISE: KRZ, Tralee Ireland) Acid Protease Powder Product and Services

Table 113. Kerry Group plc (ISE: KRZ, Tralee Ireland) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 114. Kerry Group plc (ISE: KRZ, Tralee Ireland) Recent Developments/Updates

Table 115. Kerry Group plc (ISE: KRZ, Tralee Ireland) Competitive Strengths & Weaknesses

Table 116. Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India) Basic Information, Manufacturing Base and Competitors

Table 117. Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India) Major Business

Table 118. Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India) Acid Protease Powder Product and Services

Table 119. Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 120. Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India) Recent Developments/Updates

Table 121. Advanced Enzyme Technologies Limited (NSE: ADVANZENZY, Maharashtra India) Competitive Strengths & Weaknesses

Table 122. Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan) Basic Information, Manufacturing Base and Competitors

Table 123. Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan) Major Business

Table 124. Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan) Acid Protease Powder Product and Services

Table 125. Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 126. Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan) Recent Developments/Updates

Table 127. Nagase & Co., Ltd. (TYO: 8012, Tokyo Japan) Competitive Strengths & Weaknesses

Table 128. Biocatalysts Ltd. (Unlisted, Wales UK) Basic Information, Manufacturing Base and Competitors

Table 129. Biocatalysts Ltd. (Unlisted, Wales UK) Major Business

Table 130. Biocatalysts Ltd. (Unlisted, Wales UK) Acid Protease Powder Product and Services

Table 131. Biocatalysts Ltd. (Unlisted, Wales UK) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 132. Biocatalysts Ltd. (Unlisted, Wales UK) Recent Developments/Updates

Table 133. Biocatalysts Ltd. (Unlisted, Wales UK) Competitive Strengths & Weaknesses

Table 134. Creative Enzymes (Unlisted, New York USA) Basic Information, Manufacturing Base and Competitors

Table 135. Creative Enzymes (Unlisted, New York USA) Major Business

Table 136. Creative Enzymes (Unlisted, New York USA) Acid Protease Powder Product and Services

Table 137. Creative Enzymes (Unlisted, New York USA) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 138. Creative Enzymes (Unlisted, New York USA) Recent Developments/Updates

Table 139. Creative Enzymes (Unlisted, New York USA) Competitive Strengths & Weaknesses

Table 140. SunHY(Unlisted, Hubei China) Basic Information, Manufacturing Base and Competitors

Table 141. SunHY(Unlisted, Hubei China) Major Business

Table 142. SunHY(Unlisted, Hubei China) Acid Protease Powder Product and Services

Table 143. SunHY(Unlisted, Hubei China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 144. SunHY(Unlisted, Hubei China) Recent Developments/Updates

Table 145. SunHY(Unlisted, Hubei China) Competitive Strengths & Weaknesses

Table 146. Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China) Basic Information, Manufacturing Base and Competitors

Table 147. Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China) Major Business

Table 148. Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China) Acid Protease Powder Product and Services

Table 149. Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 150. Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China) Recent Developments/Updates

Table 151. Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China) Competitive Strengths & Weaknesses

Table 152. Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China) Basic Information, Manufacturing Base and Competitors

Table 153. Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China) Major Business

Table 154. Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China) Acid Protease Powder Product and Services

Table 155. Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 156. Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China) Recent Developments/Updates

Table 157. Shandong Sukahan Bio-Technology Co., Ltd. (Unlisted, Shandong China) Competitive Strengths & Weaknesses

Table 158. Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China) Basic Information, Manufacturing Base and Competitors

Table 159. Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China) Major Business

Table 160. Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China) Acid Protease Powder Product and Services

Table 161. Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 162. Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China) Recent Developments/Updates

Table 163. Shandong Lonct Enzymes Co., Ltd. (Unlisted, Shandong China) Competitive

## Strengths & Weaknesses

Table 164. Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China) Basic Information, Manufacturing Base and Competitors

Table 165. Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China) Major Business

Table 166. Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China) Acid Protease Powder Product and Services

Table 167. Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 168. Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China) Recent Developments/Updates

Table 169. Beijing Solarbio Science & Technology Co., Ltd. (Unlisted, Beijing China) Competitive Strengths & Weaknesses

Table 170. Sunsonzyme (Unlisted, Beijing China) Basic Information, Manufacturing Base and Competitors

Table 171. Sunsonzyme (Unlisted, Beijing China) Major Business

Table 172. Sunsonzyme (Unlisted, Beijing China) Acid Protease Powder Product and Services

Table 173. Sunsonzyme (Unlisted, Beijing China) Acid Protease Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 174. Sunsonzyme (Unlisted, Beijing China) Recent Developments/Updates

Table 175. Sunsonzyme (Unlisted, Beijing China) Competitive Strengths & Weaknesses

Table 176. Global Key Players of Acid Protease Powder Upstream (Raw Materials)

Table 177. Global Acid Protease Powder Typical Customers

Table 178. Acid Protease Powder Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Acid Protease Powder Picture

Figure 2. World Acid Protease Powder Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Acid Protease Powder Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Acid Protease Powder Production (2021-2032) & (Tons)

Figure 5. World Acid Protease Powder Average Price (2021-2032) & (US\$/Ton)

Figure 6. World Acid Protease Powder Production Value Market Share by Region (2021-2032)

Figure 7. World Acid Protease Powder Production Market Share by Region (2021-2032)

Figure 8. North America Acid Protease Powder Production (2021-2032) & (Tons)

Figure 9. Europe Acid Protease Powder Production (2021-2032) & (Tons)

Figure 10. China Acid Protease Powder Production (2021-2032) & (Tons)

Figure 11. Japan Acid Protease Powder Production (2021-2032) & (Tons)

Figure 12. India Acid Protease Powder Production (2021-2032) & (Tons)

Figure 13. Southeast Asia Acid Protease Powder Production (2021-2032) & (Tons)

Figure 14. Acid Protease Powder Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 17. World Acid Protease Powder Consumption Market Share by Region (2021-2032)

Figure 18. United States Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 19. China Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 20. Europe Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 21. Japan Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 22. South Korea Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 23. ASEAN Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 24. India Acid Protease Powder Consumption (2021-2032) & (Tons)

Figure 25. Producer Shipments of Acid Protease Powder by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Acid Protease Powder Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Acid Protease Powder Markets in 2025

Figure 28. United States VS China: Acid Protease Powder Production Value Market

Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Acid Protease Powder Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Acid Protease Powder Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Acid Protease Powder Production Market Share 2025

Figure 32. China Based Manufacturers Acid Protease Powder Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Acid Protease Powder Production Market Share 2025

Figure 34. World Acid Protease Powder Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Acid Protease Powder Production Value Market Share by Type in 2025

Figure 36. Fungal Acid Protease Powder

Figure 37. Microbial Recombinant Acid Protease Powder

Figure 38. Animal-Derived Acid Protease Powder

Figure 39. World Acid Protease Powder Production Market Share by Type (2021-2032)

Figure 40. World Acid Protease Powder Production Value Market Share by Type (2021-2032)

Figure 41. World Acid Protease Powder Average Price by Type (2021-2032) & (US\$/Ton)

Figure 42. World Acid Protease Powder Production Value by Product Form, (USD Million), 2021 & 2025 & 2032

Figure 43. World Acid Protease Powder Production Value Market Share by Product Form in 2025

Figure 44. Carrier-Bound Type

Figure 45. Microencapsulated

Figure 46. Lyophilized Type

Figure 47. World Acid Protease Powder Production Market Share by Product Form (2021-2032)

Figure 48. World Acid Protease Powder Production Value Market Share by Product Form (2021-2032)

Figure 49. World Acid Protease Powder Average Price by Product Form (2021-2032) & (US\$/Ton)

Figure 50. World Acid Protease Powder Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 51. World Acid Protease Powder Production Value Market Share by Application

in 2025

Figure 52. Food

Figure 53. Feed

Figure 54. Leather

Figure 55. Other

Figure 56. World Acid Protease Powder Production Market Share by Application (2021-2032)

Figure 57. World Acid Protease Powder Production Value Market Share by Application (2021-2032)

Figure 58. World Acid Protease Powder Average Price by Application (2021-2032) & (US\$/Ton)

Figure 59. Acid Protease Powder Industry Chain

Figure 60. Acid Protease Powder Procurement Model

Figure 61. Acid Protease Powder Sales Model

Figure 62. Acid Protease Powder Sales Channels, Direct Sales, and Distribution

Figure 63. Methodology

Figure 64. Research Process and Data Source

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