

# Global Dairy Enzymes Market Size Study & Forecast, by Product (Lactase, Proteases, Chymosin, Microbial Rennet), by Application (Milk, Cheese, Ice Cream & Desserts), and Regional Forecasts 2025–2035

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## Abstracts

The Global Dairy Enzymes Market is valued at approximately USD 0.93 billion in 2024 and is anticipated to grow with a compound annual growth rate (CAGR) of more than 8.22% over the forecast period 2025–2035. As the global food industry pivots towards functional and digestive health-enhancing solutions, dairy enzymes have emerged as an indispensable catalyst in the transformation of traditional dairy production. These bio-catalysts are reshaping how consumers engage with dairy, not merely by enhancing flavor and texture, but by creating tailored nutritional experiences—particularly for lactose-intolerant populations. Dairy enzymes such as lactase, proteases, chymosin, and lipase are gaining traction across cheese, milk, yogurt, infant formulas, and frozen dessert segments, as manufacturers strive to innovate and differentiate amid evolving dietary habits and the rising clean-label movement.

The resurgence in dairy consumption, especially in developing economies, coupled with heightened consumer awareness around digestive wellness, has played a pivotal role in accelerating demand for enzyme-based dairy processing. For instance, lactase continues to be a dominant force in creating lactose-free and lactose-reduced dairy alternatives, bridging the gap between indulgence and health. Furthermore, proteases and microbial rennets are being extensively utilized in cheese production to streamline coagulation and protein breakdown, thereby boosting production efficiency and enhancing organoleptic properties. As technology unlocks new enzyme variants with higher specificity, stability, and non-GMO origin, manufacturers are actively upgrading production lines to meet regulatory and quality benchmarks globally.

Regionally, North America accounted for the largest share of the dairy enzymes market in 2024, driven by well-established dairy production, advanced food technology infrastructure, and a rising preference for lactose-free alternatives across the U.S. and Canada. Europe follows closely, underpinned by its long-standing cheese manufacturing tradition and the strong foothold of enzyme innovation led by global biotech players. However, it is Asia Pacific that is poised to outpace all other regions in terms of growth rate, fueled by a sharp uptick in dairy consumption across urbanized segments in India and China, alongside government-led fortification initiatives and increased investments in cold chain logistics. The region's booming middle class and its growing appetite for premium dairy products have triggered a wave of innovation and regional partnerships within the enzyme landscape.

Major market player included in this report are:

BASF SE

Kerry Group

DuPont Nutrition & Biosciences

Novozymes A/S

Fonterra Co-operative Group Limited

DSM Nutritional Products

Amano Enzyme Inc.

Advanced Enzyme Technologies Ltd.

Biocatalysts Ltd.

CHR Hansen Holdings A/S

SternEnzym GmbH & Co. KG

Connell Bros. Co. LLC

Specialty Enzymes & Biotechnologies

Enmex SA de CV

Biolaxi Corporation

### Global Dairy Enzymes Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Product:

Lactase

Proteases

Chymosin

Microbial Rennet

Lipase

By Source:

Plant

Animal

Microorganism

By Application:

Milk

Cheese

Ice Cream & Desserts

Yogurt

Whey

Infant Formula

By Region:

North America

U.S.

Canada

## Europe

UK

Germany

France

Spain

Italy

Rest of Europe

## Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America

Brazil

Mexico

## Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL DAIRY ENZYMES MARKET REPORT SCOPE & METHODOLOGY**

- 1.1. Research Objective
- 1.2. Research Methodology
  - 1.2.1. Forecast Model
  - 1.2.2. Desk Research
  - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
  - 1.4.1. Market Definition
  - 1.4.2. Market Segmentation
- 1.5. Research Assumption
  - 1.5.1. Inclusion & Exclusion
  - 1.5.2. Limitations
  - 1.5.3. Years Considered for the Study

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

### **CHAPTER 3. GLOBAL DAIRY ENZYMES MARKET FORCES ANALYSIS (2024–2035)**

- 3.1. Market Forces Shaping The Global Dairy Enzymes Market (2024–2035)
- 3.2. Drivers
  - 3.2.1. Rising demand for lactose-free and digestive-friendly dairy products
  - 3.2.2. Technological advancements in enzyme formulations
- 3.3. Restraints
  - 3.3.1. Fluctuations in raw material availability and cost
  - 3.3.2. Stringent food safety regulations and labeling requirements
- 3.4. Opportunities
  - 3.4.1. Increasing dairy consumption in emerging economies
  - 3.4.2. Rising investments in food biotechnology and functional dairy

## **CHAPTER 4. GLOBAL DAIRY ENZYMES INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Forces Model
  - 4.1.1. Bargaining Power of Buyer
  - 4.1.2. Bargaining Power of Supplier
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Forecast Model (2024–2035)
- 4.3. PESTEL Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024–2025)
- 4.7. Global Pricing Analysis and Trends 2025
- 4.8. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL DAIRY ENZYMES MARKET SIZE & FORECASTS BY PRODUCT 2025–2035**

- 5.1. Market Overview
- 5.2. Global Dairy Enzymes Market Performance - Potential Analysis (2025)
- 5.3. Lactase
  - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 5.3.2. Market size analysis, by region, 2025–2035
- 5.4. Proteases
  - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 5.4.2. Market size analysis, by region, 2025–2035
- 5.5. Chymosin
  - 5.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 5.5.2. Market size analysis, by region, 2025–2035
- 5.6. Microbial Rennet
  - 5.6.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

5.6.2. Market size analysis, by region, 2025–2035

5.7. Lipase

5.7.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

5.7.2. Market size analysis, by region, 2025–2035

## **CHAPTER 6. GLOBAL DAIRY ENZYMES MARKET SIZE & FORECASTS BY SOURCE 2025–2035**

6.1. Market Overview

6.2. Plant

6.2.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

6.2.2. Market size analysis, by region, 2025–2035

6.3. Animal

6.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

6.3.2. Market size analysis, by region, 2025–2035

6.4. Microorganism

6.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

6.4.2. Market size analysis, by region, 2025–2035

## **CHAPTER 7. GLOBAL DAIRY ENZYMES MARKET SIZE & FORECASTS BY APPLICATION 2025–2035**

7.1. Market Overview

7.2. Milk

7.2.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

7.2.2. Market size analysis, by region, 2025–2035

7.3. Cheese

7.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

7.3.2. Market size analysis, by region, 2025–2035

7.4. Ice Cream & Desserts

7.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

7.4.2. Market size analysis, by region, 2025–2035

7.5. Yogurt

7.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

7.5.2. Market size analysis, by region, 2025–2035

7.6. Whey

7.6.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

7.6.2. Market size analysis, by region, 2025–2035

7.7. Infant Formula

7.7.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

7.7.2. Market size analysis, by region, 2025–2035

## **CHAPTER 8. GLOBAL DAIRY ENZYMES MARKET SIZE & FORECASTS BY REGION 2025–2035**

8.1. Dairy Enzymes Market, Regional Market Snapshot

8.2. Top Leading & Emerging Countries

8.3. North America Dairy Enzymes Market

8.3.1. U.S. Dairy Enzymes Market

8.3.1.1. Product breakdown size & forecasts, 2025–2035

8.3.1.2. Application breakdown size & forecasts, 2025–2035

8.3.2. Canada Dairy Enzymes Market

8.3.2.1. Product breakdown size & forecasts, 2025–2035

8.3.2.2. Application breakdown size & forecasts, 2025–2035

8.4. Europe Dairy Enzymes Market

8.4.1. UK Dairy Enzymes Market

8.4.2. Germany Dairy Enzymes Market

8.4.3. France Dairy Enzymes Market

8.4.4. Spain Dairy Enzymes Market

8.4.5. Italy Dairy Enzymes Market

8.4.6. Rest of Europe Dairy Enzymes Market

8.5. Asia Pacific Dairy Enzymes Market

8.5.1. China Dairy Enzymes Market

8.5.2. India Dairy Enzymes Market

8.5.3. Japan Dairy Enzymes Market

8.5.4. Australia Dairy Enzymes Market

8.5.5. South Korea Dairy Enzymes Market

8.5.6. Rest of Asia Pacific Dairy Enzymes Market

8.6. Latin America Dairy Enzymes Market

8.6.1. Brazil Dairy Enzymes Market

8.6.2. Mexico Dairy Enzymes Market

8.7. Middle East & Africa Dairy Enzymes Market

8.7.1. UAE Dairy Enzymes Market

8.7.2. Saudi Arabia Dairy Enzymes Market

8.7.3. South Africa Dairy Enzymes Market

8.7.4. Rest of Middle East & Africa Dairy Enzymes Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. BASF SE
  - Company Overview
  - Key Executives
  - Company Snapshot
  - Financial Performance (Subject to Data Availability)
  - Product/Services Port
  - Recent Development
  - Market Strategies
  - SWOT Analysis
- 9.3. Kerry Group
- 9.4. DuPont Nutrition & Biosciences
- 9.5. Novozymes A/S
- 9.6. Fonterra Co-operative Group Limited
- 9.7. DSM Nutritional Products
- 9.8. Amano Enzyme Inc.
- 9.9. Advanced Enzyme Technologies Ltd.
- 9.10. Biocatalysts Ltd.
- 9.11. CHR Hansen Holdings A/S
- 9.12. SternEnzym GmbH & Co. KG
- 9.13. Connell Bros. Co. LLC
- 9.14. Specialty Enzymes & Biotechnologies
- 9.15. Enmex SA de CV
- 9.16. Biolaxi Corporation

## List Of Tables

### LIST OF TABLES

- Table 1. Global Dairy Enzymes Market, Report Scope
- Table 2. Global Dairy Enzymes Market Estimates & Forecasts By Region 2024–2035
- Table 3. Global Dairy Enzymes Market Estimates & Forecasts By Product 2024–2035
- Table 4. Global Dairy Enzymes Market Estimates & Forecasts By Source 2024–2035
- Table 5. Global Dairy Enzymes Market Estimates & Forecasts By Application 2024–2035
- Table 6. U.S. Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 7. Canada Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 8. UK Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 9. Germany Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 10. France Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 11. Spain Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 12. Italy Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 13. Rest of Europe Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 14. China Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 15. India Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 16. Japan Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 17. Australia Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 18. South Korea Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 19. Rest of Asia Pacific Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 20. Brazil Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 21. Mexico Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 22. UAE Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 23. Saudi Arabia Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 24. South Africa Dairy Enzymes Market Estimates & Forecasts, 2024–2035
- Table 25. Rest of Middle East & Africa Dairy Enzymes Market Estimates & Forecasts, 2024–2035

## List Of Figures

### LIST OF FIGURES

- Figure 1. Global Dairy Enzymes Market, Research Methodology
- Figure 2. Global Dairy Enzymes Market, Market Estimation Techniques
- Figure 3. Global Market Size Estimates & Forecast Methods
- Figure 4. Global Dairy Enzymes Market, Key Trends 2025
- Figure 5. Global Dairy Enzymes Market, Growth Prospects 2024–2035
- Figure 6. Global Dairy Enzymes Market, Porter's Five Forces Model
- Figure 7. Global Dairy Enzymes Market, PESTEL Analysis
- Figure 8. Global Dairy Enzymes Market, Value Chain Analysis
- Figure 9. Dairy Enzymes Market By Product, 2025 & 2035
- Figure 10. Dairy Enzymes Market By Source, 2025 & 2035
- Figure 11. Dairy Enzymes Market By Application, 2025 & 2035
- Figure 12. North America Dairy Enzymes Market, 2025 & 2035
- Figure 13. Europe Dairy Enzymes Market, 2025 & 2035
- Figure 14. Asia Pacific Dairy Enzymes Market, 2025 & 2035
- Figure 15. Latin America Dairy Enzymes Market, 2025 & 2035
- Figure 16. Middle East & Africa Dairy Enzymes Market, 2025 & 2035
- Figure 17. Global Dairy Enzymes Market, Company Market Share Analysis (2025)

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