

# **Global Hydrolase Enzymes Market Size study & Forecast, by Product (Esterase, Glycosylases, Peptidases, Others), by Application (Pharmaceutical, Food & Beverages, Laundry Detergents, Cosmetics, Others) and Regional Analysis, 2022-2029**

<https://marketpublishers.com/r/GBC2BAEE0732EN.html>

Date: December 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GBC2BAEE0732EN

## **Abstracts**

Global Hydrolase Enzymes Market is valued at approximately USD 5.53 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.6% over the forecast period 2022-2029. Hydrolase enzymes are used to catalyze the breakdown of chemical bonds in the presence of water gaining. These enzymes are gaining high traction in the diagnosis of various diseases such as liver diseases, autoimmune & inflammatory diseases, skin disorders, myocardial infarction, cancer, kidney disorder, bone diseases, and many others. The market growth is majorly driven by the increasing incidences of chronic diseases, coupled with the rising application of hydrolase enzymes across various end-use industries.

The growing usage of hydrolase enzymes for pharmaceuticals and diagnostic purposes is fueling the market growth owing to these enzymes owing to their catalytic efficiency, high stability, and commercial availability. According to the European Federation of Pharmaceutical Industries and Association (EFPIA), in 2020 the pharmaceutical R&D expenditure in Europe accounted for nearly USD 36173 million an increase from around USD 26751 million in the year 2010. Therefore, the increased spending in the pharmaceutical sector is fueling the demand for hydrolase enzymes, which, in turn, accelerates market growth across the globe. In addition, the growing investment in R&D activities, as well as the rising number of strategic initiatives by leading market players are augmenting the market growth in the foreseen period. However, volatility in the prices of raw materials is hindering market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Hydrolase Enzymes Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the high adoption in diagnostic purposes and pharmaceuticals, along with the rising application in the food & beverage sector. Whereas, Asia Pacific is expected to grow at the highest CAGR during the forecast period. Factors such as rapid growth of the textiles industry, as well as high production of pharmaceuticals, are burgeoning the market growth in the forecasting years.

Major market players included in this report are:

Creative Enzymes

Advanced Enzyme Technologies

Infinita Biotech Private Limited

Antozyme Biotech Pvt. Ltd.

Novozymes

Specialty Enzymes & Probiotics

Aumgene Biosciences

Merck KGaA

Sisco Research Laboratories Pvt. Ltd.

Codexis Inc.

Recent Developments in the Market:

In August 2021, Kiwi Biosciences announced the introduction of its next-generation FODZYME- a new patent-pending enzyme supplement that supports consumer to enjoy their favorite foods at any location. The FODZYME includes a formula of lactase, alpha-galactosidase, and fructan hydrolase and contains 33% more enzymatic activity that is available in portable single-dose stick packs with moisture-resistant sealing technology to maximize enzyme stability in all environments.

Global Hydrolase Enzymes Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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

Segments Covered Product, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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

The objective of the study is to define the 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 caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also 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-segment of the market are explained below:

**By Product:**

Esterase

Glycosylases

Peptidases

Others

**By Application:**

Pharmaceutical

Food & Beverages

Laundry Detergents

Cosmetics

Others

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
ROLA  
Rest of the World

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Hydrolase Enzymes Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Hydrolase Enzymes Market, by Product, 2019-2029 (USD Billion)
  - 1.2.3. Hydrolase Enzymes Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL HYDROLASE ENZYMES MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL HYDROLASE ENZYMES MARKET DYNAMICS

- 3.1. Hydrolase Enzymes Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing incidences of chronic diseases
    - 3.1.1.2. Growing usage of hydrolase enzymes for pharmaceuticals and diagnostic purposes
  - 3.1.2. Market Challenges
    - 3.1.2.1. Volatility in the prices of raw materials
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing investment in the R&D activities
    - 3.1.3.2. Rising number of strategic initiatives by leading market players

### CHAPTER 4. GLOBAL HYDROLASE ENZYMES MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL HYDROLASE ENZYMES MARKET, BY PRODUCT**

- 6.1. Market Snapshot
- 6.2. Global Hydrolase Enzymes Market by Product, Performance - Potential Analysis
- 6.3. Global Hydrolase Enzymes Market Estimates & Forecasts by Product 2019-2029 (USD Billion)
- 6.4. Hydrolase Enzymes Market, Sub Segment Analysis
  - 6.4.1. Esterase
  - 6.4.2. Glycosylases
  - 6.4.3. Peptidases
  - 6.4.4. Others

## **CHAPTER 7. GLOBAL HYDROLASE ENZYMES MARKET, BY APPLICATION**

- 7.1. Market Snapshot
- 7.2. Global Hydrolase Enzymes Market by Application, Performance - Potential Analysis
- 7.3. Global Hydrolase Enzymes Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 7.4. Hydrolase Enzymes Market, Sub Segment Analysis

- 7.4.1. Pharmaceutical
- 7.4.2. Food & Beverages
- 7.4.3. Laundry Detergents
- 7.4.4. Cosmetics
- 7.4.5. Others

## **CHAPTER 8. GLOBAL HYDROLASE ENZYMES MARKET, REGIONAL ANALYSIS**

- 8.1. Hydrolase Enzymes Market, Regional Market Snapshot
- 8.2. North America Hydrolase Enzymes Market
  - 8.2.1. U.S. Hydrolase Enzymes Market
    - 8.2.1.1. Product breakdown estimates & forecasts, 2019-2029
    - 8.2.1.2. Application breakdown estimates & forecasts, 2019-2029
  - 8.2.2. Canada Hydrolase Enzymes Market
- 8.3. Europe Hydrolase Enzymes Market Snapshot
  - 8.3.1. U.K. Hydrolase Enzymes Market
  - 8.3.2. Germany Hydrolase Enzymes Market
  - 8.3.3. France Hydrolase Enzymes Market
  - 8.3.4. Spain Hydrolase Enzymes Market
  - 8.3.5. Italy Hydrolase Enzymes Market
  - 8.3.6. Rest of Europe Hydrolase Enzymes Market
- 8.4. Asia-Pacific Hydrolase Enzymes Market Snapshot
  - 8.4.1. China Hydrolase Enzymes Market
  - 8.4.2. India Hydrolase Enzymes Market
  - 8.4.3. Japan Hydrolase Enzymes Market
  - 8.4.4. Australia Hydrolase Enzymes Market
  - 8.4.5. South Korea Hydrolase Enzymes Market
  - 8.4.6. Rest of Asia Pacific Hydrolase Enzymes Market
- 8.5. Latin America Hydrolase Enzymes Market Snapshot
  - 8.5.1. Brazil Hydrolase Enzymes Market
  - 8.5.2. Mexico Hydrolase Enzymes Market
  - 8.5.3. Rest of Latin America Hydrolase Enzymes Market
- 8.6. Rest of The World Hydrolase Enzymes Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. Company Profiles
  - 9.2.1. Creative Enzymes

- 9.2.1.1. Key Information
- 9.2.1.2. Overview
- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Advanced Enzyme Technologies
- 9.2.3. Infinita Biotech Private Limited
- 9.2.4. Antozyme Biotech Pvt. Ltd.
- 9.2.5. Novozymes
- 9.2.6. Specialty Enzymes & Probiotics
- 9.2.7. Aumgene Biosciences
- 9.2.8. Merck KGaA
- 9.2.9. Sisco Research Laboratories Pvt. Ltd.
- 9.2.10. Codexis Inc.,

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption



## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Hydrolase Enzymes Market, report scope
- TABLE 2. Global Hydrolase Enzymes Market estimates & forecasts by Region  
2019-2029 (USD Billion)
- TABLE 3. Global Hydrolase Enzymes Market estimates & forecasts by Product  
2019-2029 (USD Billion)
- TABLE 4. Global Hydrolase Enzymes Market estimates & forecasts by Application  
2019-2029 (USD Billion)
- TABLE 5. Global Hydrolase Enzymes Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 6. Global Hydrolase Enzymes Market by region, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 7. Global Hydrolase Enzymes Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 8. Global Hydrolase Enzymes Market by region, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 9. Global Hydrolase Enzymes Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 10. Global Hydrolase Enzymes Market by region, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 11. Global Hydrolase Enzymes Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 12. Global Hydrolase Enzymes Market by region, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 13. Global Hydrolase Enzymes Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 14. Global Hydrolase Enzymes Market by region, estimates & forecasts,  
2019-2029 (USD Billion)
- TABLE 15. U.S. Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)
- TABLE 16. U.S. Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)
- TABLE 17. U.S. Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)
- TABLE 18. Canada Hydrolase Enzymes Market estimates & forecasts, 2019-2029  
(USD Billion)

TABLE 19. Canada Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 20. Canada Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 21. UK Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 22. UK Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 23. UK Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 24. Germany Hydrolase Enzymes Market estimates & forecasts, 2019-2029  
(USD Billion)

TABLE 25. Germany Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 26. Germany Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 27. France Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 28. France Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 29. France Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 30. Italy Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 31. Italy Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 32. Italy Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 33. Spain Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 34. Spain Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 35. Spain Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 36. RoE Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 37. RoE Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 38. RoE Hydrolase Enzymes Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. China Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Hydrolase Enzymes Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 59. Brazil Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 60. Mexico Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 61. Mexico Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 62. Mexico Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 63. RoLA Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 64. RoLA Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 65. RoLA Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 66. Row Hydrolase Enzymes Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 67. Row Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 68. Row Hydrolase Enzymes Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Hydrolase Enzymes  
Market

TABLE 70. List of primary sources, used in the study of global Hydrolase Enzymes  
Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final  
deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Hydrolase Enzymes Market, research methodology
  - FIG 2. Global Hydrolase Enzymes Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Hydrolase Enzymes Market, key trends 2021
  - FIG 5. Global Hydrolase Enzymes Market, growth prospects 2022-2029
  - FIG 6. Global Hydrolase Enzymes Market, porters 5 force model
  - FIG 7. Global Hydrolase Enzymes Market, pest analysis
  - FIG 8. Global Hydrolase Enzymes Market, value chain analysis
  - FIG 9. Global Hydrolase Enzymes Market by segment, 2019 & 2029 (USD Billion)
  - FIG 10. Global Hydrolase Enzymes Market by segment, 2019 & 2029 (USD Billion)
  - FIG 11. Global Hydrolase Enzymes Market by segment, 2019 & 2029 (USD Billion)
  - FIG 12. Global Hydrolase Enzymes Market by segment, 2019 & 2029 (USD Billion)
  - FIG 13. Global Hydrolase Enzymes Market by segment, 2019 & 2029 (USD Billion)
  - FIG 14. Global Hydrolase Enzymes Market, regional snapshot 2019 & 2029
  - FIG 15. North America Hydrolase Enzymes Market 2019 & 2029 (USD Billion)
  - FIG 16. Europe Hydrolase Enzymes Market 2019 & 2029 (USD Billion)
  - FIG 17. Asia Pacific Hydrolase Enzymes Market 2019 & 2029 (USD Billion)
  - FIG 18. Latin America Hydrolase Enzymes Market 2019 & 2029 (USD Billion)
  - FIG 19. Global Hydrolase Enzymes Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global Hydrolase Enzymes Market Size study & Forecast, by Product (Esterase, Glycosylases, Peptidases, Others), by Application (Pharmaceutical, Food & Beverages, Laundry Detergents, Cosmetics, Others) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/GBC2BAEE0732EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBC2BAEE0732EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970