

# Technical Enzymes Industry Research Report 2024

<https://marketpublishers.com/r/T8A093175E3CEN.html>

Date: April 2024

Pages: 119

Price: US\$ 2,950.00 (Single User License)

ID: T8A093175E3CEN

## Abstracts

Enzymes are protein molecules functioning as specialized catalysts for chemical reactions. They have contributed greatly to the traditional and modern chemical industry by improving existing processes.

Technical enzymes are typically used as bulk enzymes in textile, pulp and paper industries, organic synthesis and biofuels industry.

According to APO Research, The global Technical Enzymes market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Technical Enzymes key players include Novozymes, DuPont, BASF, Associated British Foods, etc. Global top four manufacturers hold a share about 85%.

Europe is the largest market, with a share over 45%, followed by North America and China, both have a share over 35 percent.

In terms of product, Amylases is the largest segment, with a share about 37%. And in terms of application, the largest application is Detergents, followed by Bioethanol, Paper & Pulp, Textile & Leather, etc.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Technical Enzymes, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Technical Enzymes.

The report will help the Technical Enzymes manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Technical Enzymes market size, estimations, and forecasts are provided in terms of sales volume (K MT) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Technical Enzymes market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Novozymes

DuPont

BASF

Associated British Foods

DSM

VTR Bio-Tech

Advanced Enzyme Technologies

SunHY

MAPS Enzyme

### Technical Enzymes segment by Type

Amylases

Cellulases

Proteases

Lipases

Other

### Technical Enzymes segment by Application

Detergents

Bioethanol

Paper & Pulp

Textile & Leather

Other

### Technical Enzymes Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Technical Enzymes market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Technical Enzymes and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Technical Enzymes.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Technical Enzymes manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Technical Enzymes by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Technical Enzymes in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Technical Enzymes by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Amylases
  - 2.2.3 Cellulases
  - 2.2.4 Proteases
  - 2.2.5 Lipases
  - 2.2.6 Other
- 2.3 Technical Enzymes by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Detergents
  - 2.3.3 Bioethanol
  - 2.3.4 Paper & Pulp
  - 2.3.5 Textile & Leather
  - 2.3.6 Other
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Technical Enzymes Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global Technical Enzymes Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global Technical Enzymes Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global Technical Enzymes Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS



- 3.1 Global Technical Enzymes Production by Manufacturers (2019-2024)
- 3.2 Global Technical Enzymes Production Value by Manufacturers (2019-2024)
- 3.3 Global Technical Enzymes Average Price by Manufacturers (2019-2024)
- 3.4 Global Technical Enzymes Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Technical Enzymes Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Technical Enzymes Manufacturers, Product Type & Application
- 3.7 Global Technical Enzymes Manufacturers, Date of Enter into This Industry
- 3.8 Global Technical Enzymes Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Novozymes

- 4.1.1 Novozymes Technical Enzymes Company Information
- 4.1.2 Novozymes Technical Enzymes Business Overview
- 4.1.3 Novozymes Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
- 4.1.4 Novozymes Product Portfolio
- 4.1.5 Novozymes Recent Developments

### 4.2 DuPont

- 4.2.1 DuPont Technical Enzymes Company Information
- 4.2.2 DuPont Technical Enzymes Business Overview
- 4.2.3 DuPont Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
- 4.2.4 DuPont Product Portfolio
- 4.2.5 DuPont Recent Developments

### 4.3 BASF

- 4.3.1 BASF Technical Enzymes Company Information
- 4.3.2 BASF Technical Enzymes Business Overview
- 4.3.3 BASF Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
- 4.3.4 BASF Product Portfolio
- 4.3.5 BASF Recent Developments

### 4.4 Associated British Foods

- 4.4.1 Associated British Foods Technical Enzymes Company Information
- 4.4.2 Associated British Foods Technical Enzymes Business Overview
- 4.4.3 Associated British Foods Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)

- 4.4.4 Associated British Foods Product Portfolio
- 4.4.5 Associated British Foods Recent Developments
- 4.5 DSM
  - 4.5.1 DSM Technical Enzymes Company Information
  - 4.5.2 DSM Technical Enzymes Business Overview
  - 4.5.3 DSM Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
  - 4.5.4 DSM Product Portfolio
  - 4.5.5 DSM Recent Developments
- 4.6 VTR Bio-Tech
  - 4.6.1 VTR Bio-Tech Technical Enzymes Company Information
  - 4.6.2 VTR Bio-Tech Technical Enzymes Business Overview
  - 4.6.3 VTR Bio-Tech Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
  - 4.6.4 VTR Bio-Tech Product Portfolio
  - 4.6.5 VTR Bio-Tech Recent Developments
- 4.7 Advanced Enzyme Technologies
  - 4.7.1 Advanced Enzyme Technologies Technical Enzymes Company Information
  - 4.7.2 Advanced Enzyme Technologies Technical Enzymes Business Overview
  - 4.7.3 Advanced Enzyme Technologies Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
  - 4.7.4 Advanced Enzyme Technologies Product Portfolio
  - 4.7.5 Advanced Enzyme Technologies Recent Developments
- 4.8 SunHY
  - 4.8.1 SunHY Technical Enzymes Company Information
  - 4.8.2 SunHY Technical Enzymes Business Overview
  - 4.8.3 SunHY Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
  - 4.8.4 SunHY Product Portfolio
  - 4.8.5 SunHY Recent Developments
- 4.9 MAPS Enzyme
  - 4.9.1 MAPS Enzyme Technical Enzymes Company Information
  - 4.9.2 MAPS Enzyme Technical Enzymes Business Overview
  - 4.9.3 MAPS Enzyme Technical Enzymes Production Capacity, Value and Gross Margin (2019-2024)
  - 4.9.4 MAPS Enzyme Product Portfolio
  - 4.9.5 MAPS Enzyme Recent Developments

## **5 GLOBAL TECHNICAL ENZYMES PRODUCTION BY REGION**

- 5.1 Global Technical Enzymes Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global Technical Enzymes Production by Region: 2019-2030
  - 5.2.1 Global Technical Enzymes Production by Region: 2019-2024
  - 5.2.2 Global Technical Enzymes Production Forecast by Region (2025-2030)
- 5.3 Global Technical Enzymes Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global Technical Enzymes Production Value by Region: 2019-2030
  - 5.4.1 Global Technical Enzymes Production Value by Region: 2019-2024
  - 5.4.2 Global Technical Enzymes Production Value Forecast by Region (2025-2030)
- 5.5 Global Technical Enzymes Market Price Analysis by Region (2019-2024)
- 5.6 Global Technical Enzymes Production and Value, YOY Growth
  - 5.6.1 North America Technical Enzymes Production Value Estimates and Forecasts (2019-2030)
  - 5.6.2 Europe Technical Enzymes Production Value Estimates and Forecasts (2019-2030)
  - 5.6.3 China Technical Enzymes Production Value Estimates and Forecasts (2019-2030)
  - 5.6.4 India Technical Enzymes Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL TECHNICAL ENZYMES CONSUMPTION BY REGION**

- 6.1 Global Technical Enzymes Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 6.2 Global Technical Enzymes Consumption by Region (2019-2030)
  - 6.2.1 Global Technical Enzymes Consumption by Region: 2019-2030
  - 6.2.2 Global Technical Enzymes Forecasted Consumption by Region (2025-2030)
- 6.3 North America
  - 6.3.1 North America Technical Enzymes Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
  - 6.3.2 North America Technical Enzymes Consumption by Country (2019-2030)
  - 6.3.3 U.S.
  - 6.3.4 Canada
- 6.4 Europe
  - 6.4.1 Europe Technical Enzymes Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
  - 6.4.2 Europe Technical Enzymes Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Technical Enzymes Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Technical Enzymes Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Technical Enzymes Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Technical Enzymes Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

7.1 Global Technical Enzymes Production by Type (2019-2030)

7.1.1 Global Technical Enzymes Production by Type (2019-2030) & (K MT)

7.1.2 Global Technical Enzymes Production Market Share by Type (2019-2030)

7.2 Global Technical Enzymes Production Value by Type (2019-2030)

7.2.1 Global Technical Enzymes Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Technical Enzymes Production Value Market Share by Type (2019-2030)

7.3 Global Technical Enzymes Price by Type (2019-2030)

## **8 SEGMENT BY APPLICATION**

## 8.1 Global Technical Enzymes Production by Application (2019-2030)

8.1.1 Global Technical Enzymes Production by Application (2019-2030) & (K MT)

8.1.2 Global Technical Enzymes Production by Application (2019-2030) & (K MT)

## 8.2 Global Technical Enzymes Production Value by Application (2019-2030)

8.2.1 Global Technical Enzymes Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Technical Enzymes Production Value Market Share by Application (2019-2030)

## 8.3 Global Technical Enzymes Price by Application (2019-2030)

# 9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

## 9.1 Technical Enzymes Value Chain Analysis

9.1.1 Technical Enzymes Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Technical Enzymes Production Mode & Process

## 9.2 Technical Enzymes Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Technical Enzymes Distributors

9.2.3 Technical Enzymes Customers

# 10 GLOBAL TECHNICAL ENZYMES ANALYZING MARKET DYNAMICS

## 10.1 Technical Enzymes Industry Trends

## 10.2 Technical Enzymes Industry Drivers

## 10.3 Technical Enzymes Industry Opportunities and Challenges

## 10.4 Technical Enzymes Industry Restraints

# 11 REPORT CONCLUSION

# 12 DISCLAIMER

## I would like to order

Product name: Technical Enzymes Industry Research Report 2024

Product link: <https://marketpublishers.com/r/T8A093175E3CEN.html>

Price: US\$ 2,950.00 (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/T8A093175E3CEN.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