

# Global Biocatalysts Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G542CB9E0942EN.html>

Date: February 2023

Pages: 104

Price: US\$ 3,480.00 (Single User License)

ID: G542CB9E0942EN

## Abstracts

According to our (Global Info Research) latest study, the global Biocatalysts market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Biocatalysts market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

### Key Features:

Global Biocatalysts market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2018-2029

Global Biocatalysts market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2018-2029

Global Biocatalysts market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2018-2029

Global Biocatalysts market shares of main players, shipments in revenue (\$ Million),

sales quantity (MT), and ASP (USD/MT), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Biocatalysts

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Biocatalysts 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 E.I. Dupont De Nemours & Co., Royal DSM N.V., Codexis Inc., BASF SE and AB Enzymes GmbH, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Biocatalysts market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Oxidoreductases

Transferases

Hydrolases

Others

## Market segment by Application

Food & Beverages

Cleaning Agents

Biofuel Production

Agriculture & Feed

Biopharmaceuticals

Others

## Major players covered

E.I. Dupont De Nemours & Co.

Royal DSM N.V.

Codexis Inc.

BASF SE

AB Enzymes GmbH

Amano Enzymes

Novozymes A/S

Chr. Hansen

Dyadic International Inc.

The Soufflet Group

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Biocatalysts product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Biocatalysts, with price, sales, revenue and global market share of Biocatalysts from 2018 to 2023.

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

Chapter 4, the Biocatalysts breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Biocatalysts market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Biocatalysts.

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

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Biocatalysts
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Biocatalysts Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Oxidoreductases
  - 1.3.3 Transferases
  - 1.3.4 Hydrolases
  - 1.3.5 Others
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Biocatalysts Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Food & Beverages
  - 1.4.3 Cleaning Agents
  - 1.4.4 Biofuel Production
  - 1.4.5 Agriculture & Feed
  - 1.4.6 Biopharmaceuticals
  - 1.4.7 Others
- 1.5 Global Biocatalysts Market Size & Forecast
  - 1.5.1 Global Biocatalysts Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Biocatalysts Sales Quantity (2018-2029)
  - 1.5.3 Global Biocatalysts Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 E.I. Dupont De Nemours & Co.
  - 2.1.1 E.I. Dupont De Nemours & Co. Details
  - 2.1.2 E.I. Dupont De Nemours & Co. Major Business
  - 2.1.3 E.I. Dupont De Nemours & Co. Biocatalysts Product and Services
  - 2.1.4 E.I. Dupont De Nemours & Co. Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 E.I. Dupont De Nemours & Co. Recent Developments/Updates
- 2.2 Royal DSM N.V.
  - 2.2.1 Royal DSM N.V. Details
  - 2.2.2 Royal DSM N.V. Major Business

- 2.2.3 Royal DSM N.V. Biocatalysts Product and Services
- 2.2.4 Royal DSM N.V. Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Royal DSM N.V. Recent Developments/Updates
- 2.3 Codexis Inc.
  - 2.3.1 Codexis Inc. Details
  - 2.3.2 Codexis Inc. Major Business
  - 2.3.3 Codexis Inc. Biocatalysts Product and Services
  - 2.3.4 Codexis Inc. Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Codexis Inc. Recent Developments/Updates
- 2.4 BASF SE
  - 2.4.1 BASF SE Details
  - 2.4.2 BASF SE Major Business
  - 2.4.3 BASF SE Biocatalysts Product and Services
  - 2.4.4 BASF SE Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 BASF SE Recent Developments/Updates
- 2.5 AB Enzymes Gmbh
  - 2.5.1 AB Enzymes Gmbh Details
  - 2.5.2 AB Enzymes Gmbh Major Business
  - 2.5.3 AB Enzymes Gmbh Biocatalysts Product and Services
  - 2.5.4 AB Enzymes Gmbh Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 AB Enzymes Gmbh Recent Developments/Updates
- 2.6 Amano Enzymes
  - 2.6.1 Amano Enzymes Details
  - 2.6.2 Amano Enzymes Major Business
  - 2.6.3 Amano Enzymes Biocatalysts Product and Services
  - 2.6.4 Amano Enzymes Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Amano Enzymes Recent Developments/Updates
- 2.7 Novozymes A/S
  - 2.7.1 Novozymes A/S Details
  - 2.7.2 Novozymes A/S Major Business
  - 2.7.3 Novozymes A/S Biocatalysts Product and Services
  - 2.7.4 Novozymes A/S Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Novozymes A/S Recent Developments/Updates

## 2.8 Chr. Hansen

### 2.8.1 Chr. Hansen Details

### 2.8.2 Chr. Hansen Major Business

### 2.8.3 Chr. Hansen Biocatalysts Product and Services

### 2.8.4 Chr. Hansen Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.8.5 Chr. Hansen Recent Developments/Updates

## 2.9 Dyadic International Inc.

### 2.9.1 Dyadic International Inc. Details

### 2.9.2 Dyadic International Inc. Major Business

### 2.9.3 Dyadic International Inc. Biocatalysts Product and Services

### 2.9.4 Dyadic International Inc. Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.9.5 Dyadic International Inc. Recent Developments/Updates

## 2.10 The Soufflet Group

### 2.10.1 The Soufflet Group Details

### 2.10.2 The Soufflet Group Major Business

### 2.10.3 The Soufflet Group Biocatalysts Product and Services

### 2.10.4 The Soufflet Group Biocatalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.10.5 The Soufflet Group Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: BIOCATALYSTS BY MANUFACTURER**

### 3.1 Global Biocatalysts Sales Quantity by Manufacturer (2018-2023)

### 3.2 Global Biocatalysts Revenue by Manufacturer (2018-2023)

### 3.3 Global Biocatalysts Average Price by Manufacturer (2018-2023)

### 3.4 Market Share Analysis (2022)

#### 3.4.1 Producer Shipments of Biocatalysts by Manufacturer Revenue (\$MM) and Market Share (%): 2022

#### 3.4.2 Top 3 Biocatalysts Manufacturer Market Share in 2022

#### 3.4.2 Top 6 Biocatalysts Manufacturer Market Share in 2022

### 3.5 Biocatalysts Market: Overall Company Footprint Analysis

#### 3.5.1 Biocatalysts Market: Region Footprint

#### 3.5.2 Biocatalysts Market: Company Product Type Footprint

#### 3.5.3 Biocatalysts Market: Company Product Application Footprint

### 3.6 New Market Entrants and Barriers to Market Entry

### 3.7 Mergers, Acquisition, Agreements, and Collaborations



## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Biocatalysts Market Size by Region
  - 4.1.1 Global Biocatalysts Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Biocatalysts Consumption Value by Region (2018-2029)
  - 4.1.3 Global Biocatalysts Average Price by Region (2018-2029)
- 4.2 North America Biocatalysts Consumption Value (2018-2029)
- 4.3 Europe Biocatalysts Consumption Value (2018-2029)
- 4.4 Asia-Pacific Biocatalysts Consumption Value (2018-2029)
- 4.5 South America Biocatalysts Consumption Value (2018-2029)
- 4.6 Middle East and Africa Biocatalysts Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Biocatalysts Sales Quantity by Type (2018-2029)
- 5.2 Global Biocatalysts Consumption Value by Type (2018-2029)
- 5.3 Global Biocatalysts Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Biocatalysts Sales Quantity by Application (2018-2029)
- 6.2 Global Biocatalysts Consumption Value by Application (2018-2029)
- 6.3 Global Biocatalysts Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Biocatalysts Sales Quantity by Type (2018-2029)
- 7.2 North America Biocatalysts Sales Quantity by Application (2018-2029)
- 7.3 North America Biocatalysts Market Size by Country
  - 7.3.1 North America Biocatalysts Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Biocatalysts Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

- 8.1 Europe Biocatalysts Sales Quantity by Type (2018-2029)
- 8.2 Europe Biocatalysts Sales Quantity by Application (2018-2029)

## 8.3 Europe Biocatalysts Market Size by Country

- 8.3.1 Europe Biocatalysts Sales Quantity by Country (2018-2029)
- 8.3.2 Europe Biocatalysts Consumption Value by Country (2018-2029)
- 8.3.3 Germany Market Size and Forecast (2018-2029)
- 8.3.4 France Market Size and Forecast (2018-2029)
- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

## 9 ASIA-PACIFIC

- 9.1 Asia-Pacific Biocatalysts Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Biocatalysts Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Biocatalysts Market Size by Region
  - 9.3.1 Asia-Pacific Biocatalysts Sales Quantity by Region (2018-2029)
  - 9.3.2 Asia-Pacific Biocatalysts Consumption Value by Region (2018-2029)
  - 9.3.3 China Market Size and Forecast (2018-2029)
  - 9.3.4 Japan Market Size and Forecast (2018-2029)
  - 9.3.5 Korea Market Size and Forecast (2018-2029)
  - 9.3.6 India Market Size and Forecast (2018-2029)
  - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
  - 9.3.8 Australia Market Size and Forecast (2018-2029)

## 10 SOUTH AMERICA

- 10.1 South America Biocatalysts Sales Quantity by Type (2018-2029)
- 10.2 South America Biocatalysts Sales Quantity by Application (2018-2029)
- 10.3 South America Biocatalysts Market Size by Country
  - 10.3.1 South America Biocatalysts Sales Quantity by Country (2018-2029)
  - 10.3.2 South America Biocatalysts Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

## 11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Biocatalysts Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Biocatalysts Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Biocatalysts Market Size by Country
  - 11.3.1 Middle East & Africa Biocatalysts Sales Quantity by Country (2018-2029)

- 11.3.2 Middle East & Africa Biocatalysts Consumption Value by Country (2018-2029)
- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
- 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 Biocatalysts Market Drivers
- 12.2 Biocatalysts Market Restraints
- 12.3 Biocatalysts Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
  - 12.5.1 Influence of COVID-19
  - 12.5.2 Influence of Russia-Ukraine War

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Biocatalysts and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Biocatalysts
- 13.3 Biocatalysts Production Process
- 13.4 Biocatalysts Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Biocatalysts Typical Distributors
- 14.3 Biocatalysts Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Biocatalysts Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Biocatalysts Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. E.I. Dupont De Nemours & Co. Basic Information, Manufacturing Base and Competitors

Table 4. E.I. Dupont De Nemours & Co. Major Business

Table 5. E.I. Dupont De Nemours & Co. Biocatalysts Product and Services

Table 6. E.I. Dupont De Nemours & Co. Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. E.I. Dupont De Nemours & Co. Recent Developments/Updates

Table 8. Royal DSM N.V. Basic Information, Manufacturing Base and Competitors

Table 9. Royal DSM N.V. Major Business

Table 10. Royal DSM N.V. Biocatalysts Product and Services

Table 11. Royal DSM N.V. Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Royal DSM N.V. Recent Developments/Updates

Table 13. Codexis Inc. Basic Information, Manufacturing Base and Competitors

Table 14. Codexis Inc. Major Business

Table 15. Codexis Inc. Biocatalysts Product and Services

Table 16. Codexis Inc. Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Codexis Inc. Recent Developments/Updates

Table 18. BASF SE Basic Information, Manufacturing Base and Competitors

Table 19. BASF SE Major Business

Table 20. BASF SE Biocatalysts Product and Services

Table 21. BASF SE Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. BASF SE Recent Developments/Updates

Table 23. AB Enzymes Gmbh Basic Information, Manufacturing Base and Competitors

Table 24. AB Enzymes Gmbh Major Business

Table 25. AB Enzymes Gmbh Biocatalysts Product and Services

Table 26. AB Enzymes Gmbh Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. AB Enzymes Gmbh Recent Developments/Updates

Table 28. Amano Enzymes Basic Information, Manufacturing Base and Competitors

Table 29. Amano Enzymes Major Business

Table 30. Amano Enzymes Biocatalysts Product and Services

Table 31. Amano Enzymes Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Amano Enzymes Recent Developments/Updates

Table 33. Novozymes A/S Basic Information, Manufacturing Base and Competitors

Table 34. Novozymes A/S Major Business

Table 35. Novozymes A/S Biocatalysts Product and Services

Table 36. Novozymes A/S Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Novozymes A/S Recent Developments/Updates

Table 38. Chr. Hansen Basic Information, Manufacturing Base and Competitors

Table 39. Chr. Hansen Major Business

Table 40. Chr. Hansen Biocatalysts Product and Services

Table 41. Chr. Hansen Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Chr. Hansen Recent Developments/Updates

Table 43. Dyadic International Inc. Basic Information, Manufacturing Base and Competitors

Table 44. Dyadic International Inc. Major Business

Table 45. Dyadic International Inc. Biocatalysts Product and Services

Table 46. Dyadic International Inc. Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Dyadic International Inc. Recent Developments/Updates

Table 48. The Soufflet Group Basic Information, Manufacturing Base and Competitors

Table 49. The Soufflet Group Major Business

Table 50. The Soufflet Group Biocatalysts Product and Services

Table 51. The Soufflet Group Biocatalysts Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. The Soufflet Group Recent Developments/Updates

Table 53. Global Biocatalysts Sales Quantity by Manufacturer (2018-2023) & (MT)

Table 54. Global Biocatalysts Revenue by Manufacturer (2018-2023) & (USD Million)

Table 55. Global Biocatalysts Average Price by Manufacturer (2018-2023) & (USD/MT)

Table 56. Market Position of Manufacturers in Biocatalysts, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 57. Head Office and Biocatalysts Production Site of Key Manufacturer

Table 58. Biocatalysts Market: Company Product Type Footprint

Table 59. Biocatalysts Market: Company Product Application Footprint



- Table 60. Biocatalysts New Market Entrants and Barriers to Market Entry
- Table 61. Biocatalysts Mergers, Acquisition, Agreements, and Collaborations
- Table 62. Global Biocatalysts Sales Quantity by Region (2018-2023) & (MT)
- Table 63. Global Biocatalysts Sales Quantity by Region (2024-2029) & (MT)
- Table 64. Global Biocatalysts Consumption Value by Region (2018-2023) & (USD Million)
- Table 65. Global Biocatalysts Consumption Value by Region (2024-2029) & (USD Million)
- Table 66. Global Biocatalysts Average Price by Region (2018-2023) & (USD/MT)
- Table 67. Global Biocatalysts Average Price by Region (2024-2029) & (USD/MT)
- Table 68. Global Biocatalysts Sales Quantity by Type (2018-2023) & (MT)
- Table 69. Global Biocatalysts Sales Quantity by Type (2024-2029) & (MT)
- Table 70. Global Biocatalysts Consumption Value by Type (2018-2023) & (USD Million)
- Table 71. Global Biocatalysts Consumption Value by Type (2024-2029) & (USD Million)
- Table 72. Global Biocatalysts Average Price by Type (2018-2023) & (USD/MT)
- Table 73. Global Biocatalysts Average Price by Type (2024-2029) & (USD/MT)
- Table 74. Global Biocatalysts Sales Quantity by Application (2018-2023) & (MT)
- Table 75. Global Biocatalysts Sales Quantity by Application (2024-2029) & (MT)
- Table 76. Global Biocatalysts Consumption Value by Application (2018-2023) & (USD Million)
- Table 77. Global Biocatalysts Consumption Value by Application (2024-2029) & (USD Million)
- Table 78. Global Biocatalysts Average Price by Application (2018-2023) & (USD/MT)
- Table 79. Global Biocatalysts Average Price by Application (2024-2029) & (USD/MT)
- Table 80. North America Biocatalysts Sales Quantity by Type (2018-2023) & (MT)
- Table 81. North America Biocatalysts Sales Quantity by Type (2024-2029) & (MT)
- Table 82. North America Biocatalysts Sales Quantity by Application (2018-2023) & (MT)
- Table 83. North America Biocatalysts Sales Quantity by Application (2024-2029) & (MT)
- Table 84. North America Biocatalysts Sales Quantity by Country (2018-2023) & (MT)
- Table 85. North America Biocatalysts Sales Quantity by Country (2024-2029) & (MT)
- Table 86. North America Biocatalysts Consumption Value by Country (2018-2023) & (USD Million)
- Table 87. North America Biocatalysts Consumption Value by Country (2024-2029) & (USD Million)
- Table 88. Europe Biocatalysts Sales Quantity by Type (2018-2023) & (MT)
- Table 89. Europe Biocatalysts Sales Quantity by Type (2024-2029) & (MT)
- Table 90. Europe Biocatalysts Sales Quantity by Application (2018-2023) & (MT)
- Table 91. Europe Biocatalysts Sales Quantity by Application (2024-2029) & (MT)
- Table 92. Europe Biocatalysts Sales Quantity by Country (2018-2023) & (MT)

Table 93. Europe Biocatalysts Sales Quantity by Country (2024-2029) & (MT)

Table 94. Europe Biocatalysts Consumption Value by Country (2018-2023) & (USD Million)

Table 95. Europe Biocatalysts Consumption Value by Country (2024-2029) & (USD Million)

Table 96. Asia-Pacific Biocatalysts Sales Quantity by Type (2018-2023) & (MT)

Table 97. Asia-Pacific Biocatalysts Sales Quantity by Type (2024-2029) & (MT)

Table 98. Asia-Pacific Biocatalysts Sales Quantity by Application (2018-2023) & (MT)

Table 99. Asia-Pacific Biocatalysts Sales Quantity by Application (2024-2029) & (MT)

Table 100. Asia-Pacific Biocatalysts Sales Quantity by Region (2018-2023) & (MT)

Table 101. Asia-Pacific Biocatalysts Sales Quantity by Region (2024-2029) & (MT)

Table 102. Asia-Pacific Biocatalysts Consumption Value by Region (2018-2023) & (USD Million)

Table 103. Asia-Pacific Biocatalysts Consumption Value by Region (2024-2029) & (USD Million)

Table 104. South America Biocatalysts Sales Quantity by Type (2018-2023) & (MT)

Table 105. South America Biocatalysts Sales Quantity by Type (2024-2029) & (MT)

Table 106. South America Biocatalysts Sales Quantity by Application (2018-2023) & (MT)

Table 107. South America Biocatalysts Sales Quantity by Application (2024-2029) & (MT)

Table 108. South America Biocatalysts Sales Quantity by Country (2018-2023) & (MT)

Table 109. South America Biocatalysts Sales Quantity by Country (2024-2029) & (MT)

Table 110. South America Biocatalysts Consumption Value by Country (2018-2023) & (USD Million)

Table 111. South America Biocatalysts Consumption Value by Country (2024-2029) & (USD Million)

Table 112. Middle East & Africa Biocatalysts Sales Quantity by Type (2018-2023) & (MT)

Table 113. Middle East & Africa Biocatalysts Sales Quantity by Type (2024-2029) & (MT)

Table 114. Middle East & Africa Biocatalysts Sales Quantity by Application (2018-2023) & (MT)

Table 115. Middle East & Africa Biocatalysts Sales Quantity by Application (2024-2029) & (MT)

Table 116. Middle East & Africa Biocatalysts Sales Quantity by Region (2018-2023) & (MT)

Table 117. Middle East & Africa Biocatalysts Sales Quantity by Region (2024-2029) & (MT)



Table 118. Middle East & Africa Biocatalysts Consumption Value by Region (2018-2023) & (USD Million)

Table 119. Middle East & Africa Biocatalysts Consumption Value by Region (2024-2029) & (USD Million)

Table 120. Biocatalysts Raw Material

Table 121. Key Manufacturers of Biocatalysts Raw Materials

Table 122. Biocatalysts Typical Distributors

Table 123. Biocatalysts Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Biocatalysts Picture

Figure 2. Global Biocatalysts Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Biocatalysts Consumption Value Market Share by Type in 2022

Figure 4. Oxidoreductases Examples

Figure 5. Transferases Examples

Figure 6. Hydrolases Examples

Figure 7. Others Examples

Figure 8. Global Biocatalysts Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 9. Global Biocatalysts Consumption Value Market Share by Application in 2022

Figure 10. Food & Beverages Examples

Figure 11. Cleaning Agents Examples

Figure 12. Biofuel Production Examples

Figure 13. Agriculture & Feed Examples

Figure 14. Biopharmaceuticals Examples

Figure 15. Others Examples

Figure 16. Global Biocatalysts Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 17. Global Biocatalysts Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 18. Global Biocatalysts Sales Quantity (2018-2029) & (MT)

Figure 19. Global Biocatalysts Average Price (2018-2029) & (USD/MT)

Figure 20. Global Biocatalysts Sales Quantity Market Share by Manufacturer in 2022

Figure 21. Global Biocatalysts Consumption Value Market Share by Manufacturer in 2022

Figure 22. Producer Shipments of Biocatalysts by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 23. Top 3 Biocatalysts Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Top 6 Biocatalysts Manufacturer (Consumption Value) Market Share in 2022

Figure 25. Global Biocatalysts Sales Quantity Market Share by Region (2018-2029)

Figure 26. Global Biocatalysts Consumption Value Market Share by Region (2018-2029)

Figure 27. North America Biocatalysts Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Biocatalysts Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Biocatalysts Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Biocatalysts Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Biocatalysts Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Biocatalysts Sales Quantity Market Share by Type (2018-2029)

Figure 33. Global Biocatalysts Consumption Value Market Share by Type (2018-2029)

Figure 34. Global Biocatalysts Average Price by Type (2018-2029) & (USD/MT)

Figure 35. Global Biocatalysts Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Biocatalysts Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Biocatalysts Average Price by Application (2018-2029) & (USD/MT)

Figure 38. North America Biocatalysts Sales Quantity Market Share by Type (2018-2029)

Figure 39. North America Biocatalysts Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Biocatalysts Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Biocatalysts Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. Europe Biocatalysts Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Biocatalysts Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Biocatalysts Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Biocatalysts Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Biocatalysts Sales Quantity Market Share by Type (2018-2029)

Figure 55. Asia-Pacific Biocatalysts Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Biocatalysts Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Biocatalysts Consumption Value Market Share by Region (2018-2029)

Figure 58. China Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Australia Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. South America Biocatalysts Sales Quantity Market Share by Type (2018-2029)

Figure 65. South America Biocatalysts Sales Quantity Market Share by Application (2018-2029)

Figure 66. South America Biocatalysts Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Biocatalysts Consumption Value Market Share by Country (2018-2029)

Figure 68. Brazil Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Biocatalysts Sales Quantity Market Share by Type (2018-2029)

Figure 71. Middle East & Africa Biocatalysts Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Biocatalysts Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Biocatalysts Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Biocatalysts Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Biocatalysts Market Drivers

Figure 79. Biocatalysts Market Restraints

Figure 80. Biocatalysts Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Biocatalysts in 2022

Figure 83. Manufacturing Process Analysis of Biocatalysts

Figure 84. Biocatalysts Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

## I would like to order

Product name: Global Biocatalysts Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G542CB9E0942EN.html>

Price: US\$ 3,480.00 (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/G542CB9E0942EN.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

