

Biocatalyst Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global biocatalyst market size reached 139.9 Kilo Tons in 2022. Looking forward, IMARC Group expects the market to reach 194.4 Kilo Tons by 2028, exhibiting a growth rate (CAGR) of 5.38% during 2023-2028.

Biocatalysts are defined as substances of biological (non-human) origin, which possess the ability to catalyse a broad spectrum of reactions. They are organic, biodegradable and have high catalytic efficiency along with the ability to operate under mild conditions. Owing to this, they are used for various industrial and commercial applications.

The market is currently being driven by a number of favourable factors. Due to advancements in technology and the environment-friendly nature of biocatalysts, their use has expanded rapidly. Traditionally used to convert biologically derived (or renewable) feedstock, they are now being used in the production of biofuels, biopharmaceuticals, etc. Moreover, the growing awareness about the benefits of biocatalysts and their environment sustainability has stimulated their demand in industries such as food and beverage, detergents, starch processing and textiles.

The report has segmented the market on the basis of type. Currently, hydrolases represent the largest biocatalyst type, accounting for the majority of the total market share. Other major types are oxidoreductases and transferases. The report has also segmented the market on the basis of the application including food and beverage, cleaning agents, biofuel production, agriculture and feed, biopharmaceuticals and others. On a regional basis, the report covers Europe, North America, Asia-Pacific, Latin America, and Middle East and Africa. Among these, North America represents the

largest region, accounting for more than one-third of the total global share. The report has further analysed the competitive landscape of the market with some of the key players being Novozymes, DuPont and Royal DSM.

This report provides a deep insight into the global biocatalyst industry covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the global biocatalyst industry in any manner.

Key Aspects Analysed:

Trends and dynamics in the biocatalyst market.

Major product types and their current and future market potential.

Major application segments and their current and future market potential.

Key drivers/restraints and their impact on the current and future market scenario.

Examination of the competitive landscape.

Major Types of Biocatalyst Covered in This Report:

Oxidoreductases

Transferases

Hydrolases

Others

Major Applications Covered in This Report:

Food and Beverage Industry

Cleaning Agents

Biofuel Production

Agriculture and Feed

Biopharmaceuticals

Others

Major Sources Covered in This Report:

Microorganisms

Plants
Animal

Major Regions Covered in This Report:

Europe
North America
Asia-Pacific
Latin America
Middle East and Africa

Focus of the Analysis:

Overview
Historical and current market scenario
Market trends
Market forecast

Key Questions Answered in This Report

1. What was the size of the global biocatalyst market in 2022?
2. What is the expected growth rate of the global biocatalyst market during 2023-2028?
3. What are the key factors driving the global biocatalyst market?
4. What has been the impact of COVID-19 on the global biocatalyst market?
5. What is the breakup of the global biocatalyst market based on the biocatalyst types
6. What is the breakup of the global biocatalyst market based on the applications?
7. What is the breakup of the global biocatalyst market based on the sources?
8. What are the key regions in the global biocatalyst market?
9. Who are the key players/companies in the global biocatalyst market?

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