

Biocatalyst Market Scope, Share, Key Driver, Key Players, Analysis and Forecast 2032

Biocatalyst Market to Reach \$2.1 Billion, Globally, by 2032 at 6.7% CAGR: Allied Market Research

PORTLAND, OREGON, UNITED STATES, December 1, 2023 /EINPresswire.com/ -- Allied Market Research published a report, titled, "Biocatalyst Market by Source (Plant, Animal, Microorganism), By Type (Oxidoreductases, Transferases, Hydrolases, and Others), By End-Use Industry (pharmaceutical, food & beverage, water treatment, biofuel, and others): Global Opportunity Analysis and Industry Forecast, 2023-2032." According to the report, the global biocatalyst industry was valued at \$1.1 billion in 2022 and is estimated to reach \$2.1 billion by 2032, exhibiting a CAGR of 6.7% from 2023 to 2032.

Request PDF Brochure: <https://www.alliedmarketresearch.com/request-sample/108160>

Prime Determinants of Growth:

The global biocatalyst market is driven by factors such as a rise in demand from the pharmaceutical industry and increased demand for biofuel. However, biocatalyst adoption in the chemicals sector has been relatively slower due to technical and economic constraints. This factor hinders the growth of the biocatalyst market. On the other hand, a rise in demand from emerging countries will create lucrative opportunities for the market in the coming year. Micro-organism-based biocatalyst segment to maintain its lead position during the forecast period-

By source, the micro-organism segment accounted for the largest share in 2022, contributing to more than three-fourths of the global biocatalyst market revenue, and is expected to maintain its lead position during the forecast period. The use of microorganism-based biocatalysts offers several advantages over traditional chemical catalysts. They are often more specific, efficient, and environmentally friendly. However, the animal-based biocatalyst segment would display the fastest CAGR of 6.9% from 2023 to 2032, owing to increased demand from the food and beverage industry.

Procure Complete Report (372 Pages PDF with Insights, Charts, Tables, and Figures) @ <https://www.alliedmarketresearch.com/checkout-final/b68725e78906a65ba775006f807ac7d3>

The hydrolases segment to maintain its leadership status during the forecast period-
By type, the hydrolases segment accounted for the largest share in 2022, accounting for nearly

three-fourths of the global biocatalyst market revenue and is projected to maintain its leadership status during the forecast period. Hydrolases have numerous industrial applications. For example, they are used in the production of biofuels, where enzymes like cellulases and hemicelluloses are utilized to break down plant biomass into fermentable sugars. On the other hand, the transferases segment would portray the fastest CAGR of 7.0% during the forecast period. Transferases are extensively used in biotechnology and pharmaceutical research for a wide range of applications. They are essential in studying enzymatic reactions, protein modifications, and drug metabolism.

The food and beverage segment to rule the roost by 2032-

By end-use industry, the food and beverage segment accounted for the largest share in 2022, garnering more than one-third of the global biocatalyst market revenue, and is projected to rule the roost by 2032. In baking, biocatalysts such as amylases and lipases are used to break down starches and fats, respectively, leading to improved dough texture, increased volume, and enhanced crust properties. Enzymes also help extend the shelf life of baked goods by preventing retrogradation, which is the recrystallization of starch molecules. However, the biofuel segment would cite the fastest CAGR of 7.2% from 2023 to 2032. Biofuels offer an attractive alternative to fossil fuels and help reduce greenhouse gas emissions. Increased demand for biofuels has been driven by several factors, including growing concerns about climate change, the need for energy security, and the desire to reduce dependence on fossil fuels.

Asia-Pacific to maintain its dominance throughout the forecast period-

By region, Asia-Pacific held the highest market share in terms of revenue in 2022, accounting for nearly two-fifths of the global biocatalyst market and is expected to maintain its dominance throughout the forecast period. The same region would also showcase the fastest CAGR of 7.3% during the forecast period. China is one of the largest consumers of biocatalysts in the Asia-Pacific region. The country has a well-established biotechnology industry and is actively investing in research and development of biocatalyst technologies. Biocatalysts are extensively used in China's pharmaceutical industry to produce APIs and pharmaceutical intermediates.

Leading Market Players: -

DSM

BASF SE

CODEXIS, INC.

AB ENZYMES

AMANO ENZYME INC.

NOVOZYMES

BIOCATALYSTS

LONZA

PROZOMIX LIMITED

DUPONT DE NEMOURS, INC.

The report provides a detailed analysis of these key players in the global biocatalyst market.

These players have adopted different strategies, such as new product launches, collaborations, expansion, joint ventures, agreements, and others, to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolios, and strategic moves of market players to showcase the competitive scenario.

Want to Access the Statistical Data and Graphs, Key Players' Strategies:

<https://www.alliedmarketresearch.com/biocatalyst-market/purchase-options>

Similar Reports:

Hydrodesulfurization Catalyst Market: Global Opportunity Analysis and Industry Forecast, 2021-2028

Metal Catalysts Market: Global Opportunity Analysis and Industry Forecast, 2021-2031

Methanol Catalyst Market: Global Opportunity Analysis and Industry Forecast, 2023-2032

Catalyst Market: Global Opportunity Analysis and Industry Forecast, 2021-2030

Nanocatalysts Market: Global Opportunity Analysis and Industry Forecast, 2023-2032

Biofuel Additives Market: Global Opportunity Analysis and Industry Forecast, 2015 - 2022

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

Contact:

David Correa

5933 NE Win Sivers Drive

#205, Portland, OR 97220

United States

USA/Canada (Toll Free):

+1-800-792-5285, +1-503-894-6022

UK: +44-845-528-1300

Hong Kong: +852-301-84916

India (Pune): +91-20-66346060

Fax: +1(855)550-5975

help@alliedmarketresearch.com

Web: www.alliedmarketresearch.com

Allied Market Research Blog: <https://blog.alliedmarketresearch.com>

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/672155580>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.