

# **Global Fermentation Chemicals Market Size study & Forecast, by Product (Alcohols, Enzymes, Organic Acids, Other Products) by Application (Industrial Application, Food & Beverages, Nutritional and Pharmaceutical, Plastics and Fibers, Other Applications), and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Fermentation Chemicals Market is valued approximately at USD 70.16 billion in 2022 and is anticipated to grow with a growth rate of more than 6.90% over the forecast period 2023-2030. Fermentation chemicals encompass a broad spectrum of substances crucial for the fermentation process, a biological conversion method widely utilized in industries ranging from food and beverages to pharmaceuticals and biofuels. These chemicals play indispensable roles in fostering microbial growth, metabolism, and the production of desired end products. These chemicals play a pivotal role in fostering the growth and metabolic activity of microorganisms during fermentation, facilitating the production of a wide range of valuable products. The Fermentation Chemicals market is expanding because of factors such as increasing demand for bio-based products, expanding pharmaceutical and biotechnology sectors and growth in food and beverage industry.

Fermentation is widely employed in the food and beverage industry for the production of various products such as beer, yogurt, and organic acids. The expanding food and beverage sector contributes to the increased demand for fermentation chemicals. According to Statista, the worldwide beer production in year 2020 stood at 1.79 billion hectoliters which increased to 1.89 billion hectoliters in year 2022. In addition, growing demand from methanol and ethanol industry and investments in research and development are some factors creating new opportunities to the market growth.

However, raw material availability and price volatility stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Fermentation Chemicals Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share. The increasing consumption of chemicals across various sectors, including pharmaceuticals, industrial, and food & beverages, has contributed to this trend. Moreover, the growing pharmaceutical industry in countries such as the U.S., Canada is expected to drive the market growth in the region. Europe is expected to grow at a fastest CAGR during the forecast period. The regional landscape is marked by a growing number of manufacturers and suppliers entering the food & beverage, cosmetics, and pharmaceutical sectors. The notable presence of major cosmetic manufacturing companies in the region is projected to be a key driver for the demand for fermentation chemicals.

Major market player included in this report are:

BASF SE

Novozymes

DuPont Danisco

Amano Enzymes USA Co., Ltd.

AB Enzymes

Chr. Hansen Holding A/S

Evonik Industries AG

Cargill, Incorporated

Ajinomoto Co., Inc.

Teva Pharmaceutical Industries Ltd.

Recent Developments in the Market:

In October 2023, BASF SE disclosed plans to construct a new fermentation facility at its Ludwigshafen site. The facility is intended for the production of crop protection products, focusing on enhancing biological seed treatment and fungicide offerings.

In October 2023, ADM and Solugen revealed their collaboration to manufacture plant-based specialty chemicals, including fermentation chemicals. This production will take place at ADM's corn-processing facility in Minnesota. The joint venture aims to produce bio-based building block molecules and specialty chemicals, serving diverse sectors such as agriculture, cleaning, personal care, and energy.

#### Global Fermentation Chemicals Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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; Middle East & Africa

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 market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters 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 the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

#### By Product:

Alcohols

Enzymes

Organic Acids

Other Products

#### By Application:

Industrial Application

Food & Beverages

Nutritional And Pharmaceutical

Plastics And Fibers

Other Applications

#### 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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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