

Fermentation Chemicals Market Report and Forecast 2025-2034

Market Report | 2025-07-14 | 159 pages | EMR Inc.

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Report description:

The global fermentation chemicals market size attained a value of USD 83.84 Billion in 2024. The market is further expected to grow at a CAGR of 6.80% between 2025 and 2034, reaching a value of USD 161.87 Billion by 2034.

Key Trends in the Market

Fermentation chemicals refers to the type of chemicals which are used to support the fermentation process, where they can act as nutrients, pH regulators, and catalysts. These chemicals are procured from organic acids, enzymes, and alcohol fermentation among others. Fermentation chemicals are used to produce numerous fermented products including food and beverages, pharmaceuticals, plastics, cosmetics, and other industrial applications.

- Increasing funding towards advancing the development of commercial-scale precision fermentation production facilities across economically augmented countries is one of the crucial fermentation chemicals market trends.
- Accelerated implementation of fermentation techniques across the pharmaceutical sector is heightening the application of fermentation chemicals.
- Increasing applications of fermentation chemicals in healthy food and beverages, owing to the growing health-conscious population, is another key trend in the market for fermentation chemicals.

Global Fermentation Chemicals Market Segmentation

"Fermentation Chemicals Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Breakup by Product Type

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- Organic Acids
- Alcohol Fermentation
- Enzymes
- Others

Breakup by Form

- Liquid
- Powder

Breakup by Application

- Industrial Applications
- Food and Beverages
- Nutritional and Pharmaceuticals
- Plastics and Fibers
- Cosmetic and Toiletry
- Others

Breakup by Region

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

Global Fermentation Chemicals Market Share by Application

The food and beverages segment, based on application, accounts for a healthy share of the fermentation chemicals market. This can be attributed to the growing demand for alcoholic beverages such as wine and beer. Increasing sale of clean-labelled downstream products of fermentation chemicals, such as cheese, sauerkraut, and kombucha, among others, supported by rising disposable income, growing accessibility of premium food products, and rapid urbanisation is further escalating the growth of this segment.

Global Fermentation Chemicals Market Share by Region

Based on region, North America holds a significant share of the fermentation chemicals market. The upward trajectory of major end users, such as pharmaceutical and food and beverage, across well-established economies like the United States and Canada, is pivoting the market for fermentation chemicals in the region. In addition, alcoholic beverages have traditionally been a part of this region's culture which is expanding the growth opportunities several fermented alcoholic beverages such as vodka and beer.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the key players in the global fermentation chemicals market,

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covering their competitive landscape and latest developments like mergers, acquisitions, investments and expansion plans.

BASF SE

BASF SE is a prominent chemical producer which focuses on innovation-based growth areas and sustainable technologies to cater to the demands of various end use sectors. It was founded in 1865 and is headquartered in Ludwigshafen, Germany.

The Archer-Daniels-Midland Company

The Archer-Daniels-Midland Company is a leading food processing and commodities trading corporation which provides human and animal nutrition and industrial bio-solutions. It was established in 1902 and is headquartered in Illinois, United States.

Cargill, Incorporated

Cargill, Incorporated is a global food corporation which offers products such as refined oils, food ingredients, oilseeds, cotton products, animal nutrition, and industry-specific products. The company was founded in 1865 and is headquartered in Minnesota, United States.

Other market players include DuPont de Nemours, Inc., The Dow Chemical Company, AB Enzymes, Ajinomoto Co. Inc., Novozymes A/S, Lonza Group AG, and Evonik Industries AG, among others.

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