

Global 5-hydroxymethylfurfural (5-HMF) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global 5-hydroxymethylfurfural (5-HMF) market size was valued at USD 62 million in 2023 and is forecast to a readjusted size of USD 69 million by 2030 with a CAGR of 1.5% during review period.

This report studies the 5-hydroxymethylfurfural (5-HMF) (CAS 67-47-0) market. Hydroxymethylfurfural (HMF), also 5-(hydroxymethyl) furfural, is an organic compound formed by the dehydration of certain sugars. It is a white low-melting solid (although commercial samples are often yellow) which is highly soluble in both water and organic solvents. The molecule consists of a furan ring, containing both aldehyde and alcohol functional groups. HMF can form in sugar-containing food, particularly as a result of heating or cooking and this formation has been the topic of significant study as HMF is regarded as being potentially carcinogenic to humans. Hydroxymethylfurfural is a marker of poor or overlong storage of foods such as honey. It is produced industrially on a modest scale as a carbon-neutral feedstock for the production of fuels and other chemicals.

Global 5-hydroxymethylfurfural (5-HMF) (CAS 67-47-0) key players include AVA Biochem, Robinson Brothers, Penta Manufacturer, NBB Company, Beijing Lys Chemicals, etc. Global top five manufacturers hold a share about 95%. Europe is the largest market, with a share about 90%, followed by China and North America, both with a share about 5 percent. In terms of product, Industrial Grade is the largest segment, with a share about 70%. And in terms of application, the largest application is Flavor & Fragrance Industry, followed by Pharmaceutical Industry, etc.

The Global Info Research report includes an overview of the development of the

5-hydroxymethylfurfural (5-HMF) industry chain, the market status of Flavor and Fragrance (Industrial Grade 5-HMF, Food Grade 5-HMF), Pharmaceutical (Industrial Grade 5-HMF, Food Grade 5-HMF), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 5-hydroxymethylfurfural (5-HMF).

Regionally, the report analyzes the 5-hydroxymethylfurfural (5-HMF) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global 5-hydroxymethylfurfural (5-HMF) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the 5-hydroxymethylfurfural (5-HMF) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the 5-hydroxymethylfurfural (5-HMF) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Kg), revenue generated, and market share of different by Type (e.g., Industrial Grade 5-HMF, Food Grade 5-HMF).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the 5-hydroxymethylfurfural (5-HMF) market.

Regional Analysis: The report involves examining the 5-hydroxymethylfurfural (5-HMF) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the 5-hydroxymethylfurfural (5-HMF) market. This may include estimating market growth rates, predicting market demand, and identifying

emerging trends.

The report also involves a more granular approach to 5-hydroxymethylfurfural (5-HMF):

Company Analysis: Report covers individual 5-hydroxymethylfurfural (5-HMF) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards 5-hydroxymethylfurfural (5-HMF). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Flavor and Fragrance, Pharmaceutical).

Technology Analysis: Report covers specific technologies relevant to 5-hydroxymethylfurfural (5-HMF). It assesses the current state, advancements, and potential future developments in 5-hydroxymethylfurfural (5-HMF) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the 5-hydroxymethylfurfural (5-HMF) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

5-hydroxymethylfurfural (5-HMF) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Industrial Grade 5-HMF

Food Grade 5-HMF

Market segment by Application

Flavor and Fragrance

Pharmaceutical

Others

Major players covered

AVA Biochem

Robinson Brothers

Penta Manufacturer

NBB Company

Sugar Energy

Beijing Lys Chemicals

Xuzhou Ruisai Technology

Wutong Aroma Chemicals

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 5-hydroxymethylfurfural (5-HMF) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 5-hydroxymethylfurfural (5-HMF), with price, sales, revenue and global market share of 5-hydroxymethylfurfural (5-HMF) from 2019 to 2024.

Chapter 3, the 5-hydroxymethylfurfural (5-HMF) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 5-hydroxymethylfurfural (5-HMF) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and 5-hydroxymethylfurfural (5-HMF) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 5-hydroxymethylfurfural (5-HMF).

Chapter 14 and 15, to describe 5-hydroxymethylfurfural (5-HMF) sales channel, distributors, customers, research findings and conclusion.

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