

Global 5-hydroxymethylfurfural (5-HMF) Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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Abstracts

Summary

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.

According to APO Research, The global 5-hydroxymethylfurfural (5-HMF) market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for 5-hydroxymethylfurfural (5-HMF) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for 5-hydroxymethylfurfural (5-HMF) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for 5-hydroxymethylfurfural (5-HMF) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for 5-hydroxymethylfurfural (5-HMF) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of 5-hydroxymethylfurfural (5-HMF) include AVA Biochem, Robinson Brothers, Penta Manufacturer, NBB Company, Sugar Energy, Beijing Lys Chemicals, Xuzhou Ruisai Technology and Wutong Aroma Chemicals, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the 5-hydroxymethylfurfural (5-HMF) production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of 5-hydroxymethylfurfural (5-HMF) by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for 5-hydroxymethylfurfural (5-HMF), capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of 5-hydroxymethylfurfural (5-HMF), also provides the consumption of main regions and countries. Of the upcoming market potential for 5-hydroxymethylfurfural (5-HMF), and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the 5-hydroxymethylfurfural (5-HMF) sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global 5-hydroxymethylfurfural (5-HMF) market, and analysis of their competitive landscape and market positioning based on

recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for 5-hydroxymethylfurfural (5-HMF) sales, projected growth trends, production technology, application and end-user industry.

5-hydroxymethylfurfural (5-HMF) segment by Company

AVA Biochem

Robinson Brothers

Penta Manufacturer

NBB Company

Sugar Energy

Beijing Lys Chemicals

Xuzhou Ruisai Technology

Wutong Aroma Chemicals

5-hydroxymethylfurfural (5-HMF) segment by Type

Industrial Grade 5-HMF

Food Grade 5-HMF

5-hydroxymethylfurfural (5-HMF) segment by Application

Flavor and Fragrance

Pharmaceutical

Others

5-hydroxymethylfurfural (5-HMF) segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product

launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global 5-hydroxymethylfurfural (5-HMF) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of 5-hydroxymethylfurfural (5-HMF) and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of 5-hydroxymethylfurfural (5-HMF).
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the 5-hydroxymethylfurfural (5-HMF) market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global

5-hydroxymethylfurfural (5-HMF) industry.

Chapter 3: Detailed analysis of 5-hydroxymethylfurfural (5-HMF) market competition landscape. Including 5-hydroxymethylfurfural (5-HMF) manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of 5-hydroxymethylfurfural (5-HMF) by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of 5-hydroxymethylfurfural (5-HMF) in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global 5-hydroxymethylfurfural (5-HMF) Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global 5-hydroxymethylfurfural (5-HMF) Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global 5-hydroxymethylfurfural (5-HMF) Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global 5-hydroxymethylfurfural (5-HMF) Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL 5-HYDROXYMETHYLFURFURAL (5-HMF) MARKET DYNAMICS

- 2.1 5-hydroxymethylfurfural (5-HMF) Industry Trends
- 2.2 5-hydroxymethylfurfural (5-HMF) Industry Drivers
- 2.3 5-hydroxymethylfurfural (5-HMF) Industry Opportunities and Challenges
- 2.4 5-hydroxymethylfurfural (5-HMF) Industry Restraints

3 5-HYDROXYMETHYLFURFURAL (5-HMF) MARKET BY MANUFACTURERS

- 3.1 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Manufacturers (2019-2024)
- 3.2 Global 5-hydroxymethylfurfural (5-HMF) Production by Manufacturers (2019-2024)
- 3.3 Global 5-hydroxymethylfurfural (5-HMF) Average Price by Manufacturers (2019-2024)
- 3.4 Global 5-hydroxymethylfurfural (5-HMF) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global 5-hydroxymethylfurfural (5-HMF) Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global 5-hydroxymethylfurfural (5-HMF) Manufacturers, Product Type & Application
- 3.7 Global 5-hydroxymethylfurfural (5-HMF) Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global 5-hydroxymethylfurfural (5-HMF) Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 5-hydroxymethylfurfural (5-HMF) Players Market Share by

Production Value in 2023

3.8.3 2023 5-hydroxymethylfurfural (5-HMF) Tier 1, Tier 2, and Tier

4 5-HYDROXYMETHYLFURFURAL (5-HMF) MARKET BY TYPE

4.1 5-hydroxymethylfurfural (5-HMF) Type Introduction

4.1.1 Industrial Grade 5-HMF

4.1.2 Food Grade 5-HMF

4.2 Global 5-hydroxymethylfurfural (5-HMF) Production by Type

4.2.1 Global 5-hydroxymethylfurfural (5-HMF) Production by Type (2019 VS 2023 VS 2030)

4.2.2 Global 5-hydroxymethylfurfural (5-HMF) Production by Type (2019-2030)

4.2.3 Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by Type (2019-2030)

4.3 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Type

4.3.1 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Type (2019 VS 2023 VS 2030)

4.3.2 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Type (2019-2030)

4.3.3 Global 5-hydroxymethylfurfural (5-HMF) Production Value Market Share by Type (2019-2030)

5 5-HYDROXYMETHYLFURFURAL (5-HMF) MARKET BY APPLICATION

5.1 5-hydroxymethylfurfural (5-HMF) Application Introduction

5.1.1 Flavor and Fragrance

5.1.2 Pharmaceutical

5.1.3 Others

5.2 Global 5-hydroxymethylfurfural (5-HMF) Production by Application

5.2.1 Global 5-hydroxymethylfurfural (5-HMF) Production by Application (2019 VS 2023 VS 2030)

5.2.2 Global 5-hydroxymethylfurfural (5-HMF) Production by Application (2019-2030)

5.2.3 Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by Application (2019-2030)

5.3 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Application

5.3.1 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Application (2019 VS 2023 VS 2030)

5.3.2 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Application (2019-2030)

5.3.3 Global 5-hydroxymethylfurfural (5-HMF) Production Value Market Share by

Application (2019-2030)

6 COMPANY PROFILES

6.1 AVA Biochem

6.1.1 AVA Biochem Company Information

6.1.2 AVA Biochem Business Overview

6.1.3 AVA Biochem 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.1.4 AVA Biochem 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.1.5 AVA Biochem Recent Developments

6.2 Robinson Brothers

6.2.1 Robinson Brothers Company Information

6.2.2 Robinson Brothers Business Overview

6.2.3 Robinson Brothers 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.2.4 Robinson Brothers 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.2.5 Robinson Brothers Recent Developments

6.3 Penta Manufacturer

6.3.1 Penta Manufacturer Company Information

6.3.2 Penta Manufacturer Business Overview

6.3.3 Penta Manufacturer 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.3.4 Penta Manufacturer 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.3.5 Penta Manufacturer Recent Developments

6.4 NBB Company

6.4.1 NBB Company Company Information

6.4.2 NBB Company Business Overview

6.4.3 NBB Company 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.4.4 NBB Company 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.4.5 NBB Company Recent Developments

6.5 Sugar Energy

6.5.1 Sugar Energy Company Information

6.5.2 Sugar Energy Business Overview

6.5.3 Sugar Energy 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.5.4 Sugar Energy 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.5.5 Sugar Energy Recent Developments

6.6 Beijing Lys Chemicals

6.6.1 Beijing Lys Chemicals Company Information

6.6.2 Beijing Lys Chemicals Business Overview

6.6.3 Beijing Lys Chemicals 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.6.4 Beijing Lys Chemicals 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.6.5 Beijing Lys Chemicals Recent Developments

6.7 Xuzhou Ruisai Technology

6.7.1 Xuzhou Ruisai Technology Company Information

6.7.2 Xuzhou Ruisai Technology Business Overview

6.7.3 Xuzhou Ruisai Technology 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.7.4 Xuzhou Ruisai Technology 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.7.5 Xuzhou Ruisai Technology Recent Developments

6.8 Wutong Aroma Chemicals

6.8.1 Wutong Aroma Chemicals Company Information

6.8.2 Wutong Aroma Chemicals Business Overview

6.8.3 Wutong Aroma Chemicals 5-hydroxymethylfurfural (5-HMF) Production, Value and Gross Margin (2019-2024)

6.8.4 Wutong Aroma Chemicals 5-hydroxymethylfurfural (5-HMF) Product Portfolio

6.8.5 Wutong Aroma Chemicals Recent Developments

7 GLOBAL 5-HYDROXYMETHYLFURFURAL (5-HMF) PRODUCTION BY REGION

7.1 Global 5-hydroxymethylfurfural (5-HMF) Production by Region: 2019 VS 2023 VS 2030

7.2 Global 5-hydroxymethylfurfural (5-HMF) Production by Region (2019-2030)

7.2.1 Global 5-hydroxymethylfurfural (5-HMF) Production by Region: 2019-2024

7.2.2 Global 5-hydroxymethylfurfural (5-HMF) Production by Region (2025-2030)

7.3 Global 5-hydroxymethylfurfural (5-HMF) Production by Region: 2019 VS 2023 VS 2030

7.4 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Region (2019-2030)

7.4.1 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Region: 2019-2024

7.4.2 Global 5-hydroxymethylfurfural (5-HMF) Production Value by Region (2025-2030)

7.5 Global 5-hydroxymethylfurfural (5-HMF) Market Price Analysis by Region (2019-2024)

7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030)

- 7.6.2 Europe 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030)
- 7.6.3 Asia-Pacific 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030)
- 7.6.4 Latin America 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030)
- 7.6.5 Middle East & Africa 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030)

8 GLOBAL 5-HYDROXYMETHYLFURFURAL (5-HMF) CONSUMPTION BY REGION

- 8.1 Global 5-hydroxymethylfurfural (5-HMF) Consumption by Region: 2019 VS 2023 VS 2030
- 8.2 Global 5-hydroxymethylfurfural (5-HMF) Consumption by Region (2019-2030)
 - 8.2.1 Global 5-hydroxymethylfurfural (5-HMF) Consumption by Region (2019-2024)
 - 8.2.2 Global 5-hydroxymethylfurfural (5-HMF) Consumption by Region (2025-2030)
- 8.3 North America
 - 8.3.1 North America 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.3.2 North America 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2030)
 - 8.3.3 U.S.
 - 8.3.4 Canada
- 8.4 Europe
 - 8.4.1 Europe 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.4.2 Europe 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2030)
 - 8.4.3 Germany
 - 8.4.4 France
 - 8.4.5 U.K.
 - 8.4.6 Italy
 - 8.4.7 Netherlands
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.5.2 Asia Pacific 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2030)
 - 8.5.3 China
 - 8.5.4 Japan
 - 8.5.5 South Korea
 - 8.5.6 Southeast Asia
 - 8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country:
2019 VS 2023 VS 2030

8.6.2 LAMEA 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 5-hydroxymethylfurfural (5-HMF) Value Chain Analysis

9.1.1 5-hydroxymethylfurfural (5-HMF) Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 5-hydroxymethylfurfural (5-HMF) Production Mode & Process

9.2 5-hydroxymethylfurfural (5-HMF) Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 5-hydroxymethylfurfural (5-HMF) Distributors

9.2.3 5-hydroxymethylfurfural (5-HMF) Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. 5-hydroxymethylfurfural (5-HMF) Industry Trends

Table 2. 5-hydroxymethylfurfural (5-HMF) Industry Drivers

Table 3. 5-hydroxymethylfurfural (5-HMF) Industry Opportunities and Challenges

Table 4. 5-hydroxymethylfurfural (5-HMF) Industry Restraints

Table 5. Global 5-hydroxymethylfurfural (5-HMF) Production Value by Manufacturers (US\$ Million) & (2019-2024)

Table 6. Global 5-hydroxymethylfurfural (5-HMF) Production Value Market Share by Manufacturers (2019-2024)

Table 7. Global 5-hydroxymethylfurfural (5-HMF) Production by Manufacturers (Kg) & (2019-2024)

Table 8. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by Manufacturers

Table 9. Global 5-hydroxymethylfurfural (5-HMF) Average Price (US\$/Kg) of Manufacturers (2019-2024)

Table 10. Global 5-hydroxymethylfurfural (5-HMF) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 11. Global 5-hydroxymethylfurfural (5-HMF) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 12. Global 5-hydroxymethylfurfural (5-HMF) Key Manufacturers Manufacturing Sites & Headquarters

Table 13. Global 5-hydroxymethylfurfural (5-HMF) Manufacturers, Product Type & Application

Table 14. Global 5-hydroxymethylfurfural (5-HMF) Manufacturers Commercialization Time

Table 15. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 16. Global 5-hydroxymethylfurfural (5-HMF) by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)

Table 17. Major Manufacturers of Industrial Grade 5-HMF

Table 18. Major Manufacturers of Food Grade 5-HMF

Table 19. Global 5-hydroxymethylfurfural (5-HMF) Production by type 2019 VS 2023 VS 2030 (Kg)

Table 20. Global 5-hydroxymethylfurfural (5-HMF) Production by type (2019-2024) & (Kg)

Table 21. Global 5-hydroxymethylfurfural (5-HMF) Production by type (2025-2030) & (Kg)

Table 22. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by type (2019-2024)

Table 23. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by type (2025-2030)

Table 24. Global 5-hydroxymethylfurfural (5-HMF) Production Value by type 2019 VS 2023 VS 2030 (Kg)

Table 25. Global 5-hydroxymethylfurfural (5-HMF) Production Value by type (2019-2024) & (Kg)

Table 26. Global 5-hydroxymethylfurfural (5-HMF) Production Value by type (2025-2030) & (Kg)

Table 27. Global 5-hydroxymethylfurfural (5-HMF) Production Value Market Share by type (2019-2024)

Table 28. Global 5-hydroxymethylfurfural (5-HMF) Production Value Market Share by type (2025-2030)

Table 29. Major Manufacturers of Flavor and Fragrance

Table 30. Major Manufacturers of Pharmaceutical

Table 31. Major Manufacturers of Others

Table 32. Global 5-hydroxymethylfurfural (5-HMF) Production by application 2019 VS 2023 VS 2030 (Kg)

Table 33. Global 5-hydroxymethylfurfural (5-HMF) Production by application (2019-2024) & (Kg)

Table 34. Global 5-hydroxymethylfurfural (5-HMF) Production by application (2025-2030) & (Kg)

Table 35. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by application (2019-2024)

Table 36. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by application (2025-2030)

Table 37. Global 5-hydroxymethylfurfural (5-HMF) Production Value by application 2019 VS 2023 VS 2030 (Kg)

Table 38. Global 5-hydroxymethylfurfural (5-HMF) Production Value by application (2019-2024) & (Kg)

Table 39. Global 5-hydroxymethylfurfural (5-HMF) Production Value by application (2025-2030) & (Kg)

Table 40. Global 5-hydroxymethylfurfural (5-HMF) Production Value Market Share by application (2019-2024)

Table 41. Global 5-hydroxymethylfurfural (5-HMF) Production Value Market Share by application (2025-2030)

Table 42. AVA Biochem Company Information

Table 43. AVA Biochem Business Overview

- Table 44. AVA Biochem 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 45. AVA Biochem 5-hydroxymethylfurfural (5-HMF) Product Portfolio
- Table 46. AVA Biochem Recent Development
- Table 47. Robinson Brothers Company Information
- Table 48. Robinson Brothers Business Overview
- Table 49. Robinson Brothers 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 50. Robinson Brothers 5-hydroxymethylfurfural (5-HMF) Product Portfolio
- Table 51. Robinson Brothers Recent Development
- Table 52. Penta Manufacturer Company Information
- Table 53. Penta Manufacturer Business Overview
- Table 54. Penta Manufacturer 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 55. Penta Manufacturer 5-hydroxymethylfurfural (5-HMF) Product Portfolio
- Table 56. Penta Manufacturer Recent Development
- Table 57. NBB Company Company Information
- Table 58. NBB Company Business Overview
- Table 59. NBB Company 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 60. NBB Company 5-hydroxymethylfurfural (5-HMF) Product Portfolio
- Table 61. NBB Company Recent Development
- Table 62. Sugar Energy Company Information
- Table 63. Sugar Energy Business Overview
- Table 64. Sugar Energy 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 65. Sugar Energy 5-hydroxymethylfurfural (5-HMF) Product Portfolio
- Table 66. Sugar Energy Recent Development
- Table 67. Beijing Lys Chemicals Company Information
- Table 68. Beijing Lys Chemicals Business Overview
- Table 69. Beijing Lys Chemicals 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 70. Beijing Lys Chemicals 5-hydroxymethylfurfural (5-HMF) Product Portfolio
- Table 71. Beijing Lys Chemicals Recent Development
- Table 72. Xuzhou Ruisai Technology Company Information
- Table 73. Xuzhou Ruisai Technology Business Overview
- Table 74. Xuzhou Ruisai Technology 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 75. Xuzhou Ruisai Technology 5-hydroxymethylfurfural (5-HMF) Product Portfolio

- Table 76. Xuzhou Ruisai Technology Recent Development
- Table 77. Wutong Aroma Chemicals Company Information
- Table 78. Wutong Aroma Chemicals Business Overview
- Table 79. Wutong Aroma Chemicals 5-hydroxymethylfurfural (5-HMF) Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2019-2024)
- Table 80. Wutong Aroma Chemicals 5-hydroxymethylfurfural (5-HMF) Product Portfolio
- Table 81. Wutong Aroma Chemicals Recent Development
- Table 82. Global 5-hydroxymethylfurfural (5-HMF) Production by Region: 2019 VS 2023 VS 2030 (Kg)
- Table 83. Global 5-hydroxymethylfurfural (5-HMF) Production by Region (2019-2024) & (Kg)
- Table 84. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by Region (2019-2024)
- Table 85. Global 5-hydroxymethylfurfural (5-HMF) Production Forecast by Region (2025-2030) & (Kg)
- Table 86. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share Forecast by Region (2025-2030)
- Table 87. Global 5-hydroxymethylfurfural (5-HMF) Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)
- Table 88. Global 5-hydroxymethylfurfural (5-HMF) Production Value by Region (2019-2024) & (US\$ Million)
- Table 89. Global 5-hydroxymethylfurfural (5-HMF) Production Value Forecast by Region (2025-2030) & (US\$ Million)
- Table 90. Global 5-hydroxymethylfurfural (5-HMF) Production Value Share Forecast by Region: (2025-2030) & (US\$ Million)
- Table 91. Global 5-hydroxymethylfurfural (5-HMF) Market Average Price (US\$/Kg) by Region (2019-2024)
- Table 92. Global 5-hydroxymethylfurfural (5-HMF) Market Average Price (US\$/Kg) by Region (2025-2030)
- Table 93. Global 5-hydroxymethylfurfural (5-HMF) Consumption by Region: 2019 VS 2023 VS 2030 (Kg)
- Table 94. Global 5-hydroxymethylfurfural (5-HMF) Consumption by Region (2019-2024) & (Kg)
- Table 95. Global 5-hydroxymethylfurfural (5-HMF) Consumption Market Share by Region (2019-2024)
- Table 96. Global 5-hydroxymethylfurfural (5-HMF) Consumption Forecasted by Region (2025-2030) & (Kg)
- Table 97. Global 5-hydroxymethylfurfural (5-HMF) Consumption Forecasted Market Share by Region (2025-2030)

Table 98. North America 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Kg)

Table 99. North America 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2024) & (Kg)

Table 100. North America 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2025-2030) & (Kg)

Table 101. Europe 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Kg)

Table 102. Europe 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2024) & (Kg)

Table 103. Europe 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2025-2030) & (Kg)

Table 104. Asia Pacific 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Kg)

Table 105. Asia Pacific 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2024) & (Kg)

Table 106. Asia Pacific 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2025-2030) & (Kg)

Table 107. LAMEA 5-hydroxymethylfurfural (5-HMF) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Kg)

Table 108. LAMEA 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2019-2024) & (Kg)

Table 109. LAMEA 5-hydroxymethylfurfural (5-HMF) Consumption by Country (2025-2030) & (Kg)

Table 110. Key Raw Materials

Table 111. Raw Materials Key Suppliers

Table 112. 5-hydroxymethylfurfural (5-HMF) Distributors List

Table 113. 5-hydroxymethylfurfural (5-HMF) Customers List

Table 114. Research Programs/Design for This Report

Table 115. Authors List of This Report

Table 116. Secondary Sources

Table 117. Primary Sources

List Of Figures

LIST OF FIGURES

Figure 1. 5-hydroxymethylfurfural (5-HMF) Product Picture

Figure 2. Global 5-hydroxymethylfurfural (5-HMF) Production Value (US\$ Million), 2019 VS 2023 VS 2030

Figure 3. Global 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030) & (US\$ Million)

Figure 4. Global 5-hydroxymethylfurfural (5-HMF) Production Capacity (2019-2030) & (Kg)

Figure 5. Global 5-hydroxymethylfurfural (5-HMF) Production (2019-2030) & (Kg)

Figure 6. Global 5-hydroxymethylfurfural (5-HMF) Average Price (US\$/Kg) & (2019-2030)

Figure 7. Global Top 5 and 10 5-hydroxymethylfurfural (5-HMF) Players Market Share by Production Value in 2023

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 9. Industrial Grade 5-HMF Picture

Figure 10. Food Grade 5-HMF Picture

Figure 11. Global 5-hydroxymethylfurfural (5-HMF) Production by Type (2019 VS 2023 VS 2030) & (Kg)

Figure 12. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share 2019 VS 2023 VS 2030

Figure 13. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by Type (2019-2030)

Figure 14. Global 5-hydroxymethylfurfural (5-HMF) Production Value by Type (2019 VS 2023 VS 2030) & (Kg)

Figure 15. Global 5-hydroxymethylfurfural (5-HMF) Production Value Share 2019 VS 2023 VS 2030

Figure 16. Global 5-hydroxymethylfurfural (5-HMF) Production Value Share by Type (2019-2030)

Figure 17. Flavor and Fragrance Picture

Figure 18. Pharmaceutical Picture

Figure 19. Others Picture

Figure 20. Global 5-hydroxymethylfurfural (5-HMF) Production by Application (2019 VS 2023 VS 2030) & (Kg)

Figure 21. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share 2019 VS 2023 VS 2030

Figure 22. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by

Application (2019-2030)

Figure 23. Global 5-hydroxymethylfurfural (5-HMF) Production Value by Application (2019 VS 2023 VS 2030) & (Kg)

Figure 24. Global 5-hydroxymethylfurfural (5-HMF) Production Value Share 2019 VS 2023 VS 2030

Figure 25. Global 5-hydroxymethylfurfural (5-HMF) Production Value Share by Application (2019-2030)

Figure 26. Global 5-hydroxymethylfurfural (5-HMF) Production by Region: 2019 VS 2023 VS 2030 (Kg)

Figure 27. Global 5-hydroxymethylfurfural (5-HMF) Production Market Share by Region: 2019 VS 2023 VS 2030

Figure 28. Global 5-hydroxymethylfurfural (5-HMF) Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 29. Global 5-hydroxymethylfurfural (5-HMF) Production Value Share by Region: 2019 VS 2023 VS 2030

Figure 30. North America 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030) & (US\$ Million)

Figure 31. Europe 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030) & (US\$ Million)

Figure 32. Asia-Pacific 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030) & (US\$ Million)

Figure 33. Latin America 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030) & (US\$ Million)

Figure 34. Middle East & Africa 5-hydroxymethylfurfural (5-HMF) Production Value (2019-2030) & (US\$ Million)

Figure 35. North America 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 36. North America 5-hydroxymethylfurfural (5-HMF) Consumption Market Share by Country (2019-2030)

Figure 37. U.S. 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 38. Canada 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 39. Europe 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 40. Europe 5-hydroxymethylfurfural (5-HMF) Consumption Market Share by Country (2019-2030)

Figure 41. Germany 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 42. France 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 43. U.K. 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 44. Italy 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 45. Netherlands 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 46. Asia Pacific 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 47. Asia Pacific 5-hydroxymethylfurfural (5-HMF) Consumption Market Share by Country (2019-2030)

Figure 48. China 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 49. Japan 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 50. South Korea 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 51. Southeast Asia 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 52. India 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 53. Australia 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 54. LAMEA 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 55. LAMEA 5-hydroxymethylfurfural (5-HMF) Consumption Market Share by Country (2019-2030)

Figure 56. Mexico 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 57. Brazil 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 58. Turkey 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 59. GCC Countries 5-hydroxymethylfurfural (5-HMF) Consumption and Growth Rate (2019-2030) & (Kg)

Figure 60. 5-hydroxymethylfurfural (5-HMF) Value Chain

Figure 61. Manufacturing Cost Structure

Figure 62. 5-hydroxymethylfurfural (5-HMF) Production Mode & Process

Figure 63. Direct Comparison with Distribution Share

Figure 64. Distributors Profiles

Figure 65. Years Considered

Figure 66. Research Process

Figure 67. Key Executives Interviewed

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