

Global Human Milk Oligosaccharides (HMO) Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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Abstracts

Summary

Human milk oligosaccharides (HMOs) are a family of structurally diverse unconjugated glycan's that are found in and unique to human breast milk, despite not actually being digestible by human infants. HMOs function as a prebiotic helping to establish commensal bacteria. HMOs also function as anti-adhesives that help prevent the attachment of microbial pathogens to mucosal surfaces. Human milk oligosaccharides are manufactured through numerous processes which involve the use of several chemicals, enzymes or microbes. The technology used for manufacturing of human milk oligosaccharides is very complex and expensive, thus restricting their large-scale production. Major players have been increasing investing increasingly on R&D for low-cost production and the introduction of effective technologies for product synthesis.

According to APO Research, The global Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) include Abbott, Inbiose, Glycom, Chr. Hansen (Jennewein), Elicityl SA, ZuChem and Dextra Laboratories, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

This report presents an overview of global market for Human Milk Oligosaccharides (HMO), sales, 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 Human Milk Oligosaccharides (HMO), also provides the sales of main regions and countries. Of the upcoming market potential for Human Milk Oligosaccharides (HMO), 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 Human Milk Oligosaccharides (HMO) sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) sales, projected growth trends, production technology, application and end-user industry.

Human Milk Oligosaccharides (HMO) segment by Company

Abbott

Inbiose

Glycom

Chr. Hansen (Jennewein)

Elicityl SA

ZuChem

Dextra Laboratories

Human Milk Oligosaccharides (HMO) segment by Type

2'-FL & 3-FL

Sialyllactose

LNT & LNnT

Human Milk Oligosaccharides (HMO) segment by Application

Infant Formula

Functional Food & Beverages

Food/Medical Supplements

Others

Human Milk Oligosaccharides (HMO) 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 Human Milk

Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO).

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 Human Milk Oligosaccharides (HMO) market, including product definition, global market growth prospects, market size, sales, and average price forecasts (2019-2030).

Chapter 2: Provides the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Human Milk Oligosaccharides (HMO) manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, 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: Sales of Human Milk Oligosaccharides (HMO) in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space of each country in the world.

Chapter 7: Revenue of Human Milk Oligosaccharides (HMO) in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space of each country in the world.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

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

Chapter 10: Concluding Insights of the report

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