

Global Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) market size was valued at USD 481.2 million in 2023 and is forecast to a readjusted size of USD 1197.9 million by 2030 with a CAGR of 13.9% during review period.

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.

Global key players of human milk oligosaccharides (HMO) include Abbott, Glycom, Chr. Hansen (Jennewein), etc. The top three players hold a share about 81%. North America is the largest market, has a share about 47%, followed by Europe and Asia-Pacific, with share 33% and 19%, separately.

The Global Info Research report includes an overview of the development of the Human Milk Oligosaccharides (HMO) industry chain, the market status of Infant Formula (2'-FL & 3-FL, LNT & LNnT, etc.), Others (2'-FL & 3-FL, LNT & LNnT, etc.), and key enterprises in developed and developing market, and analysed the cutting-edge

technology, patent, hot applications and market trends of Human Milk Oligosaccharides (HMO).

Regionally, the report analyzes the Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) 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 (Tons), revenue generated, and market share of different by Type (e.g., 2'-FL & 3-FL, LNT & LNnT, etc.).

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 Human Milk Oligosaccharides (HMO) market.

Regional Analysis: The report involves examining the Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Human Milk Oligosaccharides (HMO):

Company Analysis: Report covers individual Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Infant Formula, Others).

Technology Analysis: Report covers specific technologies relevant to Human Milk Oligosaccharides (HMO). It assesses the current state, advancements, and potential future developments in Human Milk Oligosaccharides (HMO) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Human Milk Oligosaccharides (HMO) 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

Human Milk Oligosaccharides (HMO) 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

2'-FL & 3-FL

LNT & LNnT, etc.

Market segment by Application

Infant Formula

Others

Major players covered

Abbott

Inbiose

Glycom

Chr. Hansen (Jennewein)

Elicityl SA

ZuChem

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 Human Milk Oligosaccharides (HMO) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Human Milk Oligosaccharides (HMO), with price, sales, revenue and global market share of Human Milk Oligosaccharides (HMO) from 2019 to 2024.

Chapter 3, the Human Milk Oligosaccharides (HMO) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO) 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 Human Milk Oligosaccharides (HMO).

Chapter 14 and 15, to describe Human Milk Oligosaccharides (HMO) sales channel, distributors, customers, research findings and conclusion.

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