

# **Global Human Milk Oligosaccharides Market Size study & Forecast, By Concentration (Neutral HMO, Acidic HMO), By Application (Infant Formula, Dietary Supplements, Food and Beverages, Others), and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Human Milk Oligosaccharides Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Human milk oligosaccharides (HMOs) are utilized across various sectors including infant formula, functional food and beverages, and dietary supplements. The growing focus on health awareness coupled with the growing consumption of infant formula is expected to drive the growth of the HMO market in the coming years. The consumption of HMOs addresses escalating concerns regarding health and safety, thus stimulating market expansion. HMOs play a pivotal role in infant development by combating life-threatening infections and facilitating the proper development of the brain and gut. The market growth is driven by key factors such as rise in the demand for dietary supplements and growing awareness among consumers. The increasing popularity of dietary supplements and heightened consumer awareness regarding the significance of gut health are poised to drive market expansion. Human Milk Oligosaccharides (HMOs), acting as prebiotics within the body, are instrumental in sustaining optimal gut health. By fostering the proliferation of beneficial bacteria, notably bifidobacteria, in the gastrointestinal tract, HMOs promote enhanced metabolic functionality.

As per Statista, the global dietary supplement market is anticipated to achieve a market value of USD 185.1 billion by 2025, marking substantial growth from its estimated worth of around 137 billion U.S. dollars in 2021. The market has demonstrated consistent growth since 2018 and is expected to continue expanding until at least 2028. Similarly,

in the United States, the dietary supplement market is forecast to experience upward momentum. By 2024, the market value in the U.S. is projected to soar to USD 56.7 billion, representing a noteworthy increase from its value of USD 31.7 billion in 2016. However, high costs associated with research and developments and stringent government regulation stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Human Milk Oligosaccharides Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa.

APAC is leading and is expected to be the fastest growing region. Various factors, including a burgeoning population, heightened mortality rates, augmented disposable income, and heightened consumer consciousness regarding health and hygiene practices. Also, APAC is grappling with an escalating prevalence of chronic conditions such as gut diseases, diabetes, high blood pressure, and rickets, fostering a heightened demand for functional food and beverages. Consequently, this surge in demand is driving the regional market for human milk oligosaccharides, as consumers seek products that offer enhanced nutritional benefits to address these health concerns effectively.

Major market player included in this report are:

International Flavors & Fragrances Inc. (DuPont)

BASF SE

Abbott Laboratories

Chr. Hansen Holding A/S

Koninklijke DSM N.V.

Merck & Co. Inc.

Royal FrieslandCampina N.V.

ZuChem Inc.

Inbiose NV

## Glycosyn LLC

### Recent Developments in the Market:

In November 2022, Kyowa Hakko Bio Co. Ltd, a subsidiary of Kirin Holdings Company, Limited, successfully inaugurated a production facility for human milk oligosaccharides (HMOs) at its Thai subsidiary, Thai Kyowa Biotechnologies Co, Ltd.

In October 2022, FrieslandCampina achieved regulatory approval from Australia and New Zealand authorities for its 2'-fucosyllactose product, trademarked Aequival, intended for use in infant milk formula. Additionally, the company is expanding its human milk oligosaccharide (HMO) portfolio with the forthcoming launch of Lacto-N-tetraose (LNT), 3-fucosyllactose (3-FL), 3'-Sialyllactose (3'-SL), and 6-Sialyllactose (6-SL), which play crucial roles in establishing infants' gut microbiota and metabolism, while also aiding in preventing pathogen attachment to intestinal cells, thereby reducing the risk of infection.

In March 2021, BASF announced that its PREBILAC brand of 2'-FL had received approval from Australia's Therapeutic Goods Administration (TGA), marking it as the first and only 2'-FL ingredient to obtain TGA approval as a prebiotic ingredient.

### Global Human Milk Oligosaccharides Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Concentration, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Concentration:

Neutral HMO

Acidic HMO

By Application:

Infant Formula

Dietary Supplements

Food and Beverages

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

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South Africa

Rest of Middle East & Africa

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