

Global Human Milk Oligosaccharide Market Size study, by Type (Acidic, and Neutral) Application (Food Supplements, Functional food & beverages, Infant Formula, and Others) Product (Lacto-N-neotetraose, Lacto-N-tetraose , 2'-Fucosyllactose, 3'-Fucosyllactose, 3'-Sialyllactose, 6'-Sialyllactose) and Regional Forecasts 2021-2027

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Abstracts

The Global Human Milk Oligosaccharide Market is valued approximately USD 19.3 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 23.0% over the forecast period 2021-2027. The expansion is expected to be fueled by rising consumer concerns about digestive health and an expansion in the use of nutritional supplements. Human Milk Oligosaccharides (HMOs) are innovative and come to help maintain intestinal health in humans. They help enhance metabolic activity by promoting bacterial growth in the stomach, particularly in the bacterial species. The product's antibacterial and digestive properties allow it to be applied in a variety of food products, including pharmaceutical and therapeutic foods, as well as newborn meals. The HMO market is anticipated to be constrained by a lack of large-scale production technology, costly R&D costs, and strict government regulations. Infant formula is the product's most common application, as it promotes infant health and prevents sickness. Furthermore, they are important for human brain development and memory enhancement. Human milk oligosaccharides have several key purposes, including infection prevention, supply of sialic acid for brain development, and prebiotic effects. When compared to human milk, infant formulae made from milk proteins have a lower proportion of oligosaccharides. Several enzymes and chemicals utilised in the production of human milk oligosaccharides are extremely expensive and scarce. This aspect is expected to stifle market expansion. HMOs' most popular application category

is infant formula, followed by functional foods and beverages. For instance, Jennewein Biotechnologie GmbH, a German functional sugars company, teamed up with Yili.Com Inc., a Chinese dairy products company, in February 2019 to conduct research on infant microbiota and human milk oligosaccharides. The goal of this strategy was to develop novel HMO-based infant formula for Chinese customers. Given the increased competition in the market, such developments/strategies are anticipated to develop over the forecast period.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest of the World are included in the geographical analysis of the worldwide Human Milk Oligosaccharide Market. In 2019, North America had the highest revenue share of the human milk oligosaccharides market. In the forecasting years, the existence of multiple notable infant formula and baby food producers, as well as technical improvements, are anticipated to promote regional market growth. Growing demand for infant food, as well as a significant number of HMO manufacturers and regulatory approvals for HMO as a component in infant formula, are expected to boost market growth in Europe. Due to restrictions in public health funding, a lack of information about the health advantages of breast milk, and a bad attitude toward breastfeeding in public, the United Kingdom has the lowest breastfeeding population in the region, showing a great potential for product consumption in the country. Factors such as expanding population, death rate, disposable income, and consumer knowledge about health and hygiene are projected to boost the Asia Pacific HMO market. Concerns about gastrointestinal disorders, high blood pressure, diabetes, and rickets, among other chronic ailments, have fueled demand for functional foods and beverages, which is expected to drive demand for human milk oligosaccharides in the region. Furthermore, India and China are quickly expanding markets for dietary supplements and infant food, which is expected to propel product demand even more throughout the forecast period.

Major market player included in this report are:

ZuChem Inc

Elicityl SA

Jennewein Biotechnologie GmbH

Inbiose

Glycosyn LLC

Medolac Laboratories

Glycom A/S

Nestle Nutrition

DuPont Nutrition

BASF SE

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed inRoute of Administration about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Type:

Acidic

Neutral

By Application:

Food Supplements

Functional food & beverages

Infant Formula

Others

By Product:

Lacto-N-neotetraose

Lacto-N-tetraose

2'-Fucosyllactose

3'-Sialyllactose

6'-Sialyllactose

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
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Human Milk Oligosaccharide Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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