

Global Fructooligosaccharides (FOS) Market Size Study, by Source (Sucrose, Chicory), by Form (Liquid, Powder), by Application (Infant Formulation, Food & Beverages), and Regional Forecasts 2022-2032

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Abstracts

The Global Fructooligosaccharides (FOS) Market, valued at USD 2.82 billion in 2023, is anticipated to experience robust growth, expanding at a compound annual growth rate (CAGR) of 8.8% during the forecast period from 2024 to 2032. The increasing consumer inclination towards prebiotic and functional food ingredients, coupled with the rising awareness of gut health benefits, has fueled the demand for FOS in various applications. These naturally occurring oligosaccharides, primarily derived from sucrose and chicory, have gained prominence in infant nutrition, functional foods, and beverages, given their ability to enhance digestive health and modulate gut microbiota.

The global shift towards clean-label and naturally derived sweeteners is a pivotal driver shaping market dynamics. With a growing preference for low-calorie and high-fiber ingredients, manufacturers are integrating FOS into sugar-reduced formulations for various food and beverage products. The infant formula industry, in particular, has witnessed a surge in FOS adoption due to its prebiotic properties, which foster beneficial bacterial growth and contribute to optimal gut development in infants. Additionally, FOS is increasingly being utilized in functional dairy products, cereals, and nutritional supplements, reinforcing its position as a vital component in the health and wellness industry.

With technological advancements in FOS extraction and purification techniques, manufacturers are optimizing production efficiency and expanding their product portfolios. The rising demand for plant-based ingredients in the food and beverage industry has further accelerated FOS market penetration. Industry leaders are investing

in research and development (R&D) to explore new applications of FOS beyond traditional markets, including sports nutrition and weight management products. Despite its significant growth potential, challenges such as high production costs and limited consumer awareness in emerging markets could hinder widespread adoption. However, continuous innovations in formulation techniques and strategic collaborations between food producers and ingredient suppliers are expected to drive future market expansion.

From a regional perspective, North America and Europe are the dominant markets due to high consumer awareness, well-established functional food industries, and favorable regulatory frameworks supporting prebiotic consumption. The Asia-Pacific region is poised for rapid growth, driven by rising disposable incomes, increasing health consciousness, and expanding infant formula consumption in countries such as China, India, and Japan. The Latin American and Middle Eastern & African markets are also witnessing steady growth as dietary habits shift towards healthier and functional food alternatives.

Major Market Players Included in This Report:

Cargill, Incorporated

Ingredion Incorporated

Beneo GmbH

Cosucra Groupe Warcoing SA

FrieslandCampina Ingredients

Kerry Group plc

Sensus B.V.

Roquette Frères

Tate & Lyle PLC

Yakult Honsha Co., Ltd.

Tereos S.A.

Mitushi Biopharma

Quantum Hi-Tech (China) Biological Co., Ltd.

Jarrow Formulas, Inc.

Samyang Corporation

The Detailed Segments and Sub-Segment of the Market are Explained Below:

By Source:

Sucrose

Chicory

By Form:

Liquid

Powder

By Application:

Infant Formulation

Food & Beverages

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecasts spanning a decade from 2022 to 2032.

Annualized revenue projections with regional-level analysis for each market segment.

Comprehensive insights into the geographical landscape, including country-level analysis.

Competitive landscape with information on major players and strategic developments.

Analysis of industry trends, growth factors, and regulatory frameworks impacting the market.

Recommendations for future market approaches based on key business strategies.

Evaluation of demand-side and supply-side trends, shaping the industry dynamics.

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