

**Functional Carbohydrates Market Report by Type (Isomalt, Palatinose, Cyclodextrin, Curdlan, and Others), Application (Food and Beverages, Cosmetics and Personal Care, Pharmaceuticals and Nutraceuticals, and Others), Distribution Channel (Online Stores, Specialty Stores, and Others), and Region 2024-2032**

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**Report description:**

The global functional carbohydrates market size reached US\$ 4.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 6.9 Billion by 2032, exhibiting a growth rate (CAGR) of 4.3% during 2024-2032.

Functional carbohydrates include dietary fiber, polysaccharides, oligosaccharides, sugar alcohols, and other functional monosaccharides. They aid in strengthening the immune system, regulating the intestinal flora, and decreasing the level of blood-lipid. Besides this, they create a natural, sugar-like sweetness, resist fermentation, prolong shelf-life, and offer low hygroscopicity, color and temperature stability. As a result, they are widely adopted in the manufacturing of sports nutrition and other functional food and beverages across the globe.

**Functional Carbohydrates Market Trends:**

Due to unhealthy dietary patterns, lack of physical activity, and the growing consumption of tobacco products, there is a significant rise in the prevalence of obesity, diabetes, and cardiovascular diseases (CVDs) among individuals. This acts as a major factor positively influencing the adoption of functional carbohydrates worldwide as they provide nutritional benefits, such as balanced and sustained energy supply, promoting fat burning, reducing calories, improving metabolism, and supporting a low glycemic diet. Apart from this, the increasing health consciousness among individuals is catalyzing the demand for sugar replacers in the manufacturing of food items, such as chocolates, cereals, and baked goods. This, along with the growing participation of individuals in sports and other physical activities, is promoting the adoption of functional and nutraceutical products, which is contributing to the growth of the market. In addition, developments in enzyme technology allow carbohydrate

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products to be isolated, modified, and refined. This enables the creation of advanced forms of functional carbohydrates with potential health benefits. In confluence with this, the thriving agriculture industry and the rising consumption of animal-derived and dairy products are projected to escalate their demand as nutrition solutions for animal feed around the world.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global functional carbohydrates market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, application and distribution channel.

#### Breakup by Type:

- Isomalt
- Palatinose
- Cyclodextrin
- Curdlan
- Others

#### Breakup by Application:

- Food and Beverages
- Cosmetics and Personal Care
- Pharmaceuticals and Nutraceuticals
- Others

#### Breakup by Distribution Channel:

- Online Stores
- Specialty Stores
- Others

#### Breakup by Region:

- North America
  - o□ United States
  - o□ Canada
- Asia-Pacific
  - o□ China
  - o□ Japan
  - o□ India
  - o□ South Korea
  - o□ Australia
  - o□ Indonesia
  - o□ Others
- Europe
  - o□ Germany
  - o□ France
  - o□ United Kingdom
  - o□ Italy
  - o□ Spain
  - o□ Russia

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- o Others
- Latin America
- o Brazil
- o Mexico
- o Others
- Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Cargill Incorporated, Evonik Industries AG, Foodchem International Corporation, Franken Biochem Co. Ltd, Haihang Industry, Roquette Freres, SANXINYUAN FOOD INDUSTRY, Sudzucker AG, Wacker Chemie AG and Zibo Qianhui Biological Technology Co. Ltd.

#### Key Questions Answered in This Report:

- How has the global functional carbohydrates market performed so far and how will it perform in the coming years?
- What has been the impact of COVID-19 on the global functional carbohydrates market?
- What are the key regional markets?
- What is the breakup of the market based on the type?
- What is the breakup of the market based on the application?
- What is the breakup of the market based on the distribution channel?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global functional carbohydrates market and who are the key players?
- What is the degree of competition in the industry?

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