

# Crystalline Fructose Market By Source (Starch Hydrolysis, Sucrose Hydrolysis), By Application (Food and Beverages, Pharmaceuticals, Cosmetics and Personal Care, Others): Global Opportunity Analysis and Industry Forecast, 2024-2035

https://marketpublishers.com/r/CDEC284B034BEN.html

Date: April 2024

Pages: 294

Price: US\$ 3,570.00 (Single User License)

ID: CDEC284B034BEN

# **Abstracts**

The global crystalline fructose market was valued at \$743.3 million in 2023 and is projected t%li%reach \$1,198.6 million by 2035, registering a CAGR of 4.1% from 2024 t%li%2035. The increasing demand for low-calorie and low-glycemic sweeteners has increased the market demand for crystalline fructose. As consumers become more health-conscious and seek t%li%manage their weight and blood sugar levels, there's a growing preference for sweeteners that provide sweetness without the added calories or rise in blood glucose levels. Crystalline fructose stands out in this concern due t%li%its lower glycemic index compared t%li%sucrose and other sweeteners, meaning it causes a slower and smaller rise in blood sugar levels after consumption. This makes it an attractive option for individuals, including those with diabetes or those following lowglycemic diets, wh%li%are looking t%li%limit their sugar intake while still satisfying their sweet cravings. Furthermore, the demand for low-calorie sweeteners has been driven by efforts t%li%combat obesity and related health issues. Crystalline fructose offers approximately the same sweetness level as sucrose but with fewer calories, making it a suitable alternative for individuals looking t%li%reduce their calorie intake without sacrificing taste. This has led t%li%its increased adoption in various food and beverage products marketed as diet, light, or low-calorie, further fueling its market demand as consumers seek out healthier options that align with their dietary goals and preferences. However, the availability and cost of raw materials can serve as significant restraints on the market demand for crystalline fructose. Crystalline fructose is primarily derived from sources such as corn or sugar cane, which are subject t%li%fluctuations in supply and pricing influenced by factors like weather conditions, agricultural practices,



and market demand for competing uses such as ethanol production. Limited availability or disruptions in the supply chain can lead t%li%instability in raw material prices, impacting the production costs of crystalline fructose manufacturers. Additionally, increased competition for these raw materials from other industries or regions can further strain availability and drive-up costs, making it challenging for crystalline fructose producers t%li%maintain competitive pricing and meet demand. Moreover, the cost of raw materials directly affects the overall cost structure of crystalline fructose production, influencing pricing strategies and market competitiveness. If the cost of raw materials rises significantly, manufacturers may be forced t%li%pass on these increased costs t%li%consumers through higher product prices, potentially decreasing demand. Furthermore, fluctuations in raw material prices can als%li%impact profit margins for manufacturers, leading t%li%financial pressures and constraints on investment in research and development or expansion initiatives t%li%meet evolving market demands. As a result, the availability and cost of raw materials play a crucial role in shaping the market dynamics for crystalline fructose, influencing both supply-side operations and demand-side consumption patterns. The expansion of the functional food and beverage market presents significant opportunities for crystalline fructose. Functional foods and beverages are designed t%li%offer health benefits beyond basic nutrition, often containing added ingredients such as vitamins, minerals, antioxidants, and dietary fibers. As consumers increasingly prioritize health and wellness, there is a growing demand for products that not only taste good but als%li%support specific health goals. Crystalline fructose, with its natural origin and lower glycemic index compared t%li%other sweeteners, aligns well with this trend. It can be incorporated int%li%functional food and beverage formulations t%li%provide sweetness while enhancing the nutritional profile of the products. Moreover, as research int%li%the health benefits of various ingredients continues t%li%advance, there is an opportunity for crystalline fructose t%li%be positioned as a functional ingredient in its own right. Studies suggest that crystalline fructose may offer certain health advantages, such as a slower and more sustained release of energy compared t%li%other sweeteners. This opens possibilities for manufacturers t%li%develop products that leverage the functional properties of crystalline fructose, such as energy bars, sports drinks, and meal replacement shakes, catering t%li%consumers seeking convenient and nutritious options t%li%support their active lifestyles. As a result, the expansion of the functional food and beverage market creates fertile ground for crystalline fructose t%li%thrive, offering opportunities for innovation and growth in product development and marketing strategies. The crystalline fructose market is analyzed on the basis of source, application, and region. By Source, the market is segmented int%li%starch hydrolysis and sucrose hydrolysis. As per Application, the market is divided int%li%food and beverages, pharmaceuticals, cosmetics and personal care, and others. Region-wise,



the market is analyzed across North America (the U.S., Canada, and Mexico), Europe (Germany, the UK, France, Italy, Russia, and the rest of Europe), Asia-Pacific (China, India, Japan, South Korea, Australia, and the rest of Asia-Pacific), Latin America (Brazil, Colombia, Argentina, and the rest of Latin America), and Middle East and Africa (GCC, South Africa, and the rest of MEA). The major players operating in the global crystalline fructose market are Tate & Lyle, ADM, GALAM, DANISCO, Gadot Bio, Xiwang Group, Hebei Huaxu, Mitsubishi Corporation, DuPont Nutrition & Biosciences, and Foodchem International Corporation.

# Key Benefits For Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the crystalline fructose market analysis from 2023 t%li%2035 t%li%identify the prevailing crystalline fructose market opportunities.

The market research is offered along with information related t%li%key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers t%li%enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the crystalline fructose market segmentation assists t%li%determine the prevailing market opportunities.

Major countries in each region are mapped according t%li%their revenue contribution t%li%the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes the analysis of the regional as well as global crystalline fructose market trends, key players, market segments, application areas, and market growth strategies.

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Pain Point Analysis

Regulatory Guidelines

Additional company profiles with specific t%li%client's interest

Additional country or region analysis- market size and forecast



**Expanded list for Company Profiles** 

	SWOT Analysis		
Key Market Segments			
By Application			
	Food and Beverages		
	Pharmaceuticals		
	Cosmetics and Personal Care		
	Others		
By Source			
	Starch Hydrolysis		
	Sucrose Hydrolysis		
By Region			
	North America		
	U.S.		
	Canada		
	Mexico		
	Europe		
	Germany		



UK	
France	
Italy	
Russia	
Rest of Europe	
Asia-Pacific	
China	
India	
Japan	
South Korea	
Australia	
Rest of Asia-Pacific	
Latin America	
Brazil	
Colombia	
Argentina	
Rest of Latin America	
Middle East and Africa	
Gcc	
South Africa	



Rest of Middle East And Africa **Key Market Players** Tate & Lyle Archer Daniels Midland Company galam ltd. Danisco **Gadot Biotechnology** Xiwang Group Hebei Huaxu Mitsubishi Corporation **DuPont Nutrition & Biosciences** Foodchem International Corporation



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