

Global Beta Hydroxycarboxylic Acid Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Beta Hydroxycarboxylic Acid market size is expected to reach \$ 4520 million by 2032, rising at a market growth of 6.9% CAGR during the forecast period (2026-2032).

Beta Hydroxycarboxylic Acid (?-Hydroxycarboxylic Acid) refers to a class of organic compounds containing both a carboxyl group (-COOH) and a hydroxyl group (-OH) located on the beta carbon atom relative to the carboxyl group. These compounds are important intermediates in pharmaceuticals, cosmetics, biodegradable polymers, food additives, agrochemicals, and specialty chemicals, with common examples including ?-hydroxybutyric acid and various hydroxy fatty acids. The supply chain begins upstream with petrochemical feedstocks, bio-based sugars, vegetable oils, fermentation substrates, aldehydes, ketones, and catalysts used in aldol reactions, microbial fermentation, or chemical synthesis processes. Midstream activities involve organic synthesis, purification, crystallization, distillation, and formulation carried out by fine chemical manufacturers, biochemical producers, and specialty ingredient suppliers. Downstream, Beta Hydroxycarboxylic Acids are utilized by pharmaceutical companies for active intermediates, cosmetic manufacturers for exfoliating and skincare formulations, polymer producers for biodegradable materials, food and beverage companies for flavoring and nutritional applications, and research institutions for biochemical and metabolic studies. Increasing demand for bio-based chemicals, functional skincare ingredients, and sustainable specialty materials is driving development across the global Beta Hydroxycarboxylic Acid industry chain. In 2025, global Beta Hydroxycarboxylic Acid output was about 1.2 million tons with 1.5 million tons of capacity, average prices of USD 2,000–5,000 per ton, and gross margins around 28%.

This report studies the global Beta Hydroxycarboxylic Acid production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Beta Hydroxycarboxylic Acid and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Beta Hydroxycarboxylic Acid that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Beta Hydroxycarboxylic Acid total production and demand, 2021-2032, (Kilotons)

Global Beta Hydroxycarboxylic Acid total production value, 2021-2032, (USD Million)

Global Beta Hydroxycarboxylic Acid production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global Beta Hydroxycarboxylic Acid consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: Beta Hydroxycarboxylic Acid domestic production, consumption, key domestic manufacturers and share

Global Beta Hydroxycarboxylic Acid production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global Beta Hydroxycarboxylic Acid production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global Beta Hydroxycarboxylic Acid production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global Beta Hydroxycarboxylic Acid market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BASF (Germany), Evonik (Germany), Corbion (Netherlands), DSM-Firmenich (Switzerland), Lonza (Switzerland), Croda International (UK), Mitsubishi Chemical (Japan), Kao Corporation (Japan), Kaneka Corporation (Japan), Cayman Chemical (USA), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Beta Hydroxycarboxylic Acid market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Beta Hydroxycarboxylic Acid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Beta Hydroxycarboxylic Acid Market, Segmentation by Type:

Liquid Form

Powder Form

Crystal Form

Global Beta Hydroxycarboxylic Acid Market, Segmentation by Carbon Chain Length:

C4–C6

C7–C12

> C12

Global Beta Hydroxycarboxylic Acid Market, Segmentation by Application:

Pharmaceutical

Cosmetic

Food & Beverage

Agricultural

Industrial

Others

Companies Profiled:

BASF (Germany)

Evonik (Germany)

Corbion (Netherlands)

DSM-Firmenich (Switzerland)

Lonza (Switzerland)

Croda International (UK)

Mitsubishi Chemical (Japan)

Kao Corporation (Japan)

Kaneka Corporation (Japan)

Cayman Chemical (USA)

Biosynth (Switzerland)

Carbosynth (UK)

Genomatica (USA)

Zhejiang Hisun Pharmaceutical (China)

Anhui Huaheng Biotechnology (China)

Shanghai Rochi Pharmaceutical (China)

Taizhou Tianhong Biochemistry (China)

Godavari Biorefineries (India)

Key Questions Answered:

1. How big is the global Beta Hydroxycarboxylic Acid market?
2. What is the demand of the global Beta Hydroxycarboxylic Acid market?
3. What is the year over year growth of the global Beta Hydroxycarboxylic Acid market?
4. What is the production and production value of the global Beta Hydroxycarboxylic Acid market?
5. Who are the key producers in the global Beta Hydroxycarboxylic Acid market?
6. What are the growth factors driving the market demand?

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