

Global 3-Hydroxybutyric Acid Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global 3-Hydroxybutyric Acid market size was valued at US\$ 19.4 million in 2024 and is forecast to a readjusted size of USD 26.5 million by 2031 with a CAGR of 4.6% during review period.

3-Hydroxybutyric Acid, chemical formula: $\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{CO}_2\text{H}$, is a hydroxy acid. 3-hydroxybutyric acid is chiral and has two enantiotopic isomers: d-3-hydroxybutyric acid and l-3-hydroxybutyric acid. This compound plays an important role in the physiological response of hypoglycemia during starvation.

3-Hydroxybutyric acid (BHB) is usually sold at its salt form. Sodium 3-Hydroxybutyrate, Calcium 3-Hydroxybutyrate, Magnesium 3-Hydroxybutyrate, Potassium 3-Hydroxybutyrate are the main type of 3-Hydroxybutyric acid product sold on the market.

The core manufacturers of 3-Hydroxybutyric Acid in the world include NNB, Shanghai Kangxin and Anhui Integrity Biopharm. The top three companies have a market share of about 74%. North America is the world's largest 3-Hydroxybutyric Acid market with a market share of about 76%, followed by Europe and Asia Pacific with a market share of 11% and 10%, respectively. In terms of product type, Sodium 3-Hydroxybutyrate is the largest segment with approximately 50% market share. In terms of application, Weight Control is the largest downstream area, accounting for about 95% of the market share.

This report is a detailed and comprehensive analysis for global 3-Hydroxybutyric Acid market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this

report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global 3-Hydroxybutyric Acid market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 3-Hydroxybutyric Acid market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 3-Hydroxybutyric Acid market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 3-Hydroxybutyric Acid market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for 3-Hydroxybutyric Acid
- To forecast future growth in each product and end-use market
- To forecast future factors affecting the marketplace

This report profiles key players in the global 3-Hydroxybutyric Acid market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NNB, Shanghai Kangxin, Anhui Integrity Biopharm, etc.

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

Market Segmentation

3-Hydroxybutyric Acid market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Sodium 3-Hydroxybutyrate

Calcium 3-Hydroxybutyrate

Magnesium 3-Hydroxybutyrate

Potassium 3-Hydroxybutyrate

Others

Market segment by Application

Weight Control

Sports Supplements

Others

Major players covered

NNB

Shanghai Kangxin

Anhui Integrity Biopharm

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 3-Hydroxybutyric Acid product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3-Hydroxybutyric Acid, with price, sales quantity, revenue, and global market share of 3-Hydroxybutyric Acid from 2020 to 2025.

Chapter 3, the 3-Hydroxybutyric Acid competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 3-Hydroxybutyric Acid breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and 3-Hydroxybutyric Acid market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 3-Hydroxybutyric Acid.

Chapter 14 and 15, to describe 3-Hydroxybutyric Acid sales channel, distributors, customers, research findings and conclusion.

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