

Global GABA (?-aminobutyric acid) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global GABA (?-aminobutyric acid) market size was valued at USD 83 million in 2023 and is forecast to a readjusted size of USD 124.8 million by 2030 with a CAGR of 5.9% during review period.

GABA (?-aminobutyric acid) is a four carbon non-protein amino acid that is widely distributed in plants, animals and microorganisms. As a metabolic product of plants and microorganisms produced by the decarboxylation of glutamic acid, GABA functions as an inhibitory neurotransmitter in the brain that directly affects the personality and the stress management. A wide range of traditional foods produced by microbial fermentation contain GABA, in which GABA is safe and eco-friendly, and also has the possibility of providing new health-benefited products enriched with GABA. Synthesis of GABA is catalyzed by glutamate decarboxylase, therefore, the optimal fermentation condition is mainly based on the biochemical properties of the enzyme. Major GABA producing microorganisms are lactic acid bacteria (LAB), which make food spoilage pathogens unable to grow and act as probiotics in the gastrointestinal tract.

China is the largest GABA (?-aminobutyric acid) market with about 71% market share. Japan is follower, accounting for about 12% market share.

The key players are Pharma Foods International, Kyowa Hakko, Sekisui Chemical, Zhejiang YiWan Biolabs, Shanghai Richen, Guangdong Luckerkong Biotech, Tianjin Shijitianlong Biotech, Ningxiang Jiayuan Biology Technology, Zhejiang Tianrui Chemical, Taizhou Xinyou Pharmaceutical & Chemical, Bloomage Freda Biopharm etc. Top 3 companies occupied about 36% market share.

The Global Info Research report includes an overview of the development of the GABA (?-aminobutyric acid) industry chain, the market status of Food and Pharmaceutical (Microbial Fermentation (Food Grade), Microbial Fermentation (Feed Grade)), Animal Feed (Microbial Fermentation (Food Grade), Microbial Fermentation (Feed Grade)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of GABA (?-aminobutyric acid).

Regionally, the report analyzes the GABA (?-aminobutyric acid) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global GABA (?-aminobutyric acid) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the GABA (?-aminobutyric acid) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the GABA (?-aminobutyric acid) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Production Process (e.g., Microbial Fermentation (Food Grade), Microbial Fermentation (Feed Grade)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the GABA (?-aminobutyric acid) market.

Regional Analysis: The report involves examining the GABA (?-aminobutyric acid) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future

projections and forecasts for the GABA (?-aminobutyric acid) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to GABA (?-aminobutyric acid):

Company Analysis: Report covers individual GABA (?-aminobutyric acid) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards GABA (?-aminobutyric acid) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Food and Pharmaceutical, Animal Feed).

Technology Analysis: Report covers specific technologies relevant to GABA (?-aminobutyric acid). It assesses the current state, advancements, and potential future developments in GABA (?-aminobutyric acid) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the GABA (?-aminobutyric acid) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

GABA (?-aminobutyric acid) market is split by Production Process and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Production Process, and by Application in terms of volume and value.

Market segment by Production Process

Microbial Fermentation (Food Grade)

Microbial Fermentation (Feed Grade)

Chemical Synthesis

Market segment by Application

Food and Pharmaceutical

Animal Feed

Plant Growth Promoter

Others

Major players covered

Pharma Foods International

Kyowa Hakko

Sekisui Chemical

Zhejiang YiWan Biolabs

Shanghai Richen

Guangdong Luckerkong Biotech

Tianjin Shijitianlong Biotech

Ningxiang Jiayuan Biology Technology

Zhejiang Tianrui Chemical

Taizhou Xinyou Pharmaceutical & Chemical

Bloomage Freda 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 GABA (?-aminobutyric acid) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of GABA (?-aminobutyric acid), with price, sales, revenue and global market share of GABA (?-aminobutyric acid) from 2019 to 2024.

Chapter 3, the GABA (?-aminobutyric acid) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the GABA (?-aminobutyric acid) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Production Process and application, with sales market share and growth rate by production process, application, from 2019 to 2030.

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 2017

to 2023.and GABA (?-aminobutyric acid) market forecast, by regions, production process and application, with sales and revenue, from 2025 to 2030.

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 GABA (?-aminobutyric acid).

Chapter 14 and 15, to describe GABA (?-aminobutyric acid) sales channel, distributors, customers, research findings and conclusion.

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