

Global GABA (?-aminobutyric acid) Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global GABA (?-aminobutyric acid) market size was valued at US\$ 79 million in 2023. With growing demand in downstream market, the GABA (?-aminobutyric acid) is forecast to a readjusted size of US\$ 122.6 million by 2030 with a CAGR of 6.4% during review period.

The research report highlights the growth potential of the global GABA (?-aminobutyric acid) market. GABA (?-aminobutyric acid) are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of GABA (?-aminobutyric acid). Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the GABA (?-aminobutyric acid) market.

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.

Key Features:

The report on GABA (?-aminobutyric acid) market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the GABA (?-aminobutyric acid) market. It may include historical data, market segmentation by Production Process (e.g., Microbial Fermentation (Food Grade), Microbial Fermentation (Feed Grade)), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the GABA (?-aminobutyric acid) market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the GABA (?-aminobutyric acid) market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the GABA (?-aminobutyric acid) industry. This include advancements in GABA (?-aminobutyric acid) technology, GABA (?-aminobutyric acid) new entrants, GABA (?-aminobutyric acid) new investment, and other innovations that are shaping the future of GABA (?-aminobutyric acid).

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the GABA (?-aminobutyric acid) market. It

includes factors influencing customer ' purchasing decisions, preferences for GABA (?-aminobutyric acid) product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the GABA (?-aminobutyric acid) market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting GABA (?-aminobutyric acid) market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the GABA (?-aminobutyric acid) market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the GABA (?-aminobutyric acid) industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the GABA (?-aminobutyric acid) market.

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.

Segmentation by production process

Microbial Fermentation (Food Grade)

Microbial Fermentation (Feed Grade)

Chemical Synthesis

Segmentation by application

Food and Pharmaceutical

Animal Feed

Plant Growth Promoter

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

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

Key Questions Addressed in this Report

What is the 10-year outlook for the global GABA (?-aminobutyric acid) market?

What factors are driving GABA (?-aminobutyric acid) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do GABA (?-aminobutyric acid) market opportunities vary by end market size?

How does GABA (?-aminobutyric acid) break out production process, application?

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