

# Global GABA (CAS 56-12-2) Market Research Report 2022 Professional Edition

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## Abstracts

The global GABA (CAS 56-12-2) market was valued at 37.74 Million USD in 2021 and will grow with a CAGR of 4.16% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

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. Gamma-Amino Butyric acid (GABA) is an amino acid which acts as a neurotransmitter in the central nervous system. It inhibits nerve transmission in the brain, calming nervous activity. GABA plays an important role in behavior, cognition, and the body's response to stress. Lower-than-normal levels of GABA in the brain have been linked to schizophrenia, depression, anxiety, and sleep disorders. At present, there are two ways

to produce GABA: chemical synthesis method and biological fermentation method. Among them, biological fermentation method feeding on monosodium glutamate and lactobacillus, is safer and more widely used. The price of GABA produced from monosodium glutamate and lactobacillus is relatively higher. As the limitation of application fields, the market share of chemical synthesis product decreased.

By Market Vendors:

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

By Types:

Chemical Synthesis

Biological Fermentation

By Applications:

Pharmaceuticals & Health

Food & Beverage

Animal Feeds

Key Indicators Analysed

**Market Players & Competitor Analysis:** The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

## Contents

### 1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Players Covered: Ranking by GABA (CAS 56-12-2) Revenue
- 1.4 Market Analysis by Type
  - 1.4.1 Global GABA (CAS 56-12-2) Market Size Growth Rate by Type: 2021 VS 2027
  - 1.4.2 Chemical Synthesis
  - 1.4.3 Biological Fermentation
- 1.5 Market by Application
  - 1.5.1 Global GABA (CAS 56-12-2) Market Share by Application: 2022-2027
  - 1.5.2 Pharmaceuticals & Health
  - 1.5.3 Food & Beverage
  - 1.5.4 Animal Feeds
- 1.6 Study Objectives
- 1.7 Years Considered
- 1.8 Overview of Global GABA (CAS 56-12-2) Market
  - 1.8.1 Global GABA (CAS 56-12-2) Market Status and Outlook (2016-2027)
  - 1.8.2 North America
  - 1.8.3 East Asia
  - 1.8.4 Europe
  - 1.8.5 South Asia
  - 1.8.6 Southeast Asia
  - 1.8.7 Middle East
  - 1.8.8 Africa
  - 1.8.9 Oceania
  - 1.8.10 South America
  - 1.8.11 Rest of the World

### 2 MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global GABA (CAS 56-12-2) Production Capacity Market Share by Manufacturers (2016-2021)
- 2.2 Global GABA (CAS 56-12-2) Revenue Market Share by Manufacturers (2016-2021)
- 2.3 Global GABA (CAS 56-12-2) Average Price by Manufacturers (2016-2021)
- 2.4 Manufacturers GABA (CAS 56-12-2) Production Sites, Area Served, Product Type

### 3 SALES BY REGION

- 3.1 Global GABA (CAS 56-12-2) Sales Volume Market Share by Region (2016-2021)
- 3.2 Global GABA (CAS 56-12-2) Sales Revenue Market Share by Region (2016-2021)
- 3.3 North America GABA (CAS 56-12-2) Sales Volume
  - 3.3.1 North America GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.3.2 North America GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.4 East Asia GABA (CAS 56-12-2) Sales Volume
  - 3.4.1 East Asia GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.4.2 East Asia GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.5 Europe GABA (CAS 56-12-2) Sales Volume (2016-2021)
  - 3.5.1 Europe GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.5.2 Europe GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.6 South Asia GABA (CAS 56-12-2) Sales Volume (2016-2021)
  - 3.6.1 South Asia GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.6.2 South Asia GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.7 Southeast Asia GABA (CAS 56-12-2) Sales Volume (2016-2021)
  - 3.7.1 Southeast Asia GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.7.2 Southeast Asia GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.8 Middle East GABA (CAS 56-12-2) Sales Volume (2016-2021)
  - 3.8.1 Middle East GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.8.2 Middle East GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.9 Africa GABA (CAS 56-12-2) Sales Volume (2016-2021)
  - 3.9.1 Africa GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.9.2 Africa GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.10 Oceania GABA (CAS 56-12-2) Sales Volume (2016-2021)
  - 3.10.1 Oceania GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.10.2 Oceania GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.11 South America GABA (CAS 56-12-2) Sales Volume (2016-2021)
  - 3.11.1 South America GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)
  - 3.11.2 South America GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price

and Gross Margin (2016-2021)

3.12 Rest of the World GABA (CAS 56-12-2) Sales Volume (2016-2021)

3.12.1 Rest of the World GABA (CAS 56-12-2) Sales Volume Growth Rate  
(2016-2021)

3.12.2 Rest of the World GABA (CAS 56-12-2) Sales Volume Capacity, Revenue,  
Price and Gross Margin (2016-2021)

## **4 NORTH AMERICA**

4.1 North America GABA (CAS 56-12-2) Consumption by Countries

4.2 United States

4.3 Canada

4.4 Mexico

## **5 EAST ASIA**

5.1 East Asia GABA (CAS 56-12-2) Consumption by Countries

5.2 China

5.3 Japan

5.4 South Korea

## **6 EUROPE**

6.1 Europe GABA (CAS 56-12-2) Consumption by Countries

6.2 Germany

6.3 United Kingdom

6.4 France

6.5 Italy

6.6 Russia

6.7 Spain

6.8 Netherlands

6.9 Switzerland

6.10 Poland

## **7 SOUTH ASIA**

7.1 South Asia GABA (CAS 56-12-2) Consumption by Countries

7.2 India

7.3 Pakistan

## 7.4 Bangladesh

## **8 SOUTHEAST ASIA**

### 8.1 Southeast Asia GABA (CAS 56-12-2) Consumption by Countries

#### 8.2 Indonesia

#### 8.3 Thailand

#### 8.4 Singapore

#### 8.5 Malaysia

#### 8.6 Philippines

#### 8.7 Vietnam

#### 8.8 Myanmar

## **9 MIDDLE EAST**

### 9.1 Middle East GABA (CAS 56-12-2) Consumption by Countries

#### 9.2 Turkey

#### 9.3 Saudi Arabia

#### 9.4 Iran

#### 9.5 United Arab Emirates

#### 9.6 Israel

#### 9.7 Iraq

#### 9.8 Qatar

#### 9.9 Kuwait

#### 9.10 Oman

## **10 AFRICA**

### 10.1 Africa GABA (CAS 56-12-2) Consumption by Countries

#### 10.2 Nigeria

#### 10.3 South Africa

#### 10.4 Egypt

#### 10.5 Algeria

#### 10.6 Morocco

## **11 OCEANIA**

### 11.1 Oceania GABA (CAS 56-12-2) Consumption by Countries

#### 11.2 Australia



### 11.3 New Zealand

## **12 SOUTH AMERICA**

### 12.1 South America GABA (CAS 56-12-2) Consumption by Countries

#### 12.2 Brazil

#### 12.3 Argentina

#### 12.4 Columbia

#### 12.5 Chile

#### 12.6 Venezuela

#### 12.7 Peru

#### 12.8 Puerto Rico

#### 12.9 Ecuador

## **13 REST OF THE WORLD**

### 13.1 Rest of the World GABA (CAS 56-12-2) Consumption by Countries

#### 13.2 Kazakhstan

## **14 SALES VOLUME, SALES REVENUE, SALES PRICE TREND BY TYPE**

### 14.1 Global GABA (CAS 56-12-2) Sales Volume Market Share by Type (2016-2021)

### 14.2 Global GABA (CAS 56-12-2) Sales Revenue Market Share by Type (2016-2021)

### 14.3 Global GABA (CAS 56-12-2) Sales Price by Type (2016-2021)

## **15 CONSUMPTION ANALYSIS BY APPLICATION**

### 15.1 Global GABA (CAS 56-12-2) Consumption Volume by Application (2016-2021)

### 15.2 Global GABA (CAS 56-12-2) Consumption Value by Application (2016-2021)

## **16 COMPANY PROFILES AND KEY FIGURES IN GABA (CAS 56-12-2) BUSINESS**

### 16.1 Pharma Foods International

#### 16.1.1 Pharma Foods International Company Profile

#### 16.1.2 Pharma Foods International GABA (CAS 56-12-2) Product Specification

#### 16.1.3 Pharma Foods International GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

### 16.2 Kyowa Hakko

#### 16.2.1 Kyowa Hakko Company Profile

- 16.2.2 Kyowa Hakko GABA (CAS 56-12-2) Product Specification
- 16.2.3 Kyowa Hakko GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.3 Sekisui Chemical
  - 16.3.1 Sekisui Chemical Company Profile
  - 16.3.2 Sekisui Chemical GABA (CAS 56-12-2) Product Specification
  - 16.3.3 Sekisui Chemical GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.4 Zhejiang YiWan Biolabs
  - 16.4.1 Zhejiang YiWan Biolabs Company Profile
  - 16.4.2 Zhejiang YiWan Biolabs GABA (CAS 56-12-2) Product Specification
  - 16.4.3 Zhejiang YiWan Biolabs GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.5 Shanghai Richen
  - 16.5.1 Shanghai Richen Company Profile
  - 16.5.2 Shanghai Richen GABA (CAS 56-12-2) Product Specification
  - 16.5.3 Shanghai Richen GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.6 Guangdong Luckerkong Biotech
  - 16.6.1 Guangdong Luckerkong Biotech Company Profile
  - 16.6.2 Guangdong Luckerkong Biotech GABA (CAS 56-12-2) Product Specification
  - 16.6.3 Guangdong Luckerkong Biotech GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.7 Tianjin Shijitianlong Biotech
  - 16.7.1 Tianjin Shijitianlong Biotech Company Profile
  - 16.7.2 Tianjin Shijitianlong Biotech GABA (CAS 56-12-2) Product Specification
  - 16.7.3 Tianjin Shijitianlong Biotech GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.8 Ningxiang Jiayuan Biology Technology
  - 16.8.1 Ningxiang Jiayuan Biology Technology Company Profile
  - 16.8.2 Ningxiang Jiayuan Biology Technology GABA (CAS 56-12-2) Product Specification
  - 16.8.3 Ningxiang Jiayuan Biology Technology GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.9 Zhejiang Tianrui Chemical
  - 16.9.1 Zhejiang Tianrui Chemical Company Profile
  - 16.9.2 Zhejiang Tianrui Chemical GABA (CAS 56-12-2) Product Specification
  - 16.9.3 Zhejiang Tianrui Chemical GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.10 Taizhou Xinyou Pharmaceutical & Chemical

### 16.10.1 Taizhou Xinyou Pharmaceutical & Chemical Company Profile

### 16.10.2 Taizhou Xinyou Pharmaceutical & Chemical GABA (CAS 56-12-2) Product Specification

### 16.10.3 Taizhou Xinyou Pharmaceutical & Chemical GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.11 Bloomage Freda Biopharm

### 16.11.1 Bloomage Freda Biopharm Company Profile

### 16.11.2 Bloomage Freda Biopharm GABA (CAS 56-12-2) Product Specification

### 16.11.3 Bloomage Freda Biopharm GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## **17 GABA (CAS 56-12-2) MANUFACTURING COST ANALYSIS**

### 17.1 GABA (CAS 56-12-2) Key Raw Materials Analysis

#### 17.1.1 Key Raw Materials

### 17.2 Proportion of Manufacturing Cost Structure

### 17.3 Manufacturing Process Analysis of GABA (CAS 56-12-2)

### 17.4 GABA (CAS 56-12-2) Industrial Chain Analysis

## **18 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS**

### 18.1 Marketing Channel

### 18.2 GABA (CAS 56-12-2) Distributors List

### 18.3 GABA (CAS 56-12-2) Customers

## **19 MARKET DYNAMICS**

### 19.1 Market Trends

### 19.2 Opportunities and Drivers

### 19.3 Challenges

### 19.4 Porter's Five Forces Analysis

## **20 PRODUCTION AND SUPPLY FORECAST**

### 20.1 Global Forecasted Production of GABA (CAS 56-12-2) (2022-2027)

### 20.2 Global Forecasted Revenue of GABA (CAS 56-12-2) (2022-2027)

### 20.3 Global Forecasted Price of GABA (CAS 56-12-2) (2016-2027)

### 20.4 Global Forecasted Production of GABA (CAS 56-12-2) by Region (2022-2027)

- 20.4.1 North America GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.2 East Asia GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.3 Europe GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.4 South Asia GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.5 Southeast Asia GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.6 Middle East GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.7 Africa GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.8 Oceania GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.9 South America GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.4.10 Rest of the World GABA (CAS 56-12-2) Production, Revenue Forecast (2022-2027)
- 20.5 Forecast by Type and by Application (2022-2027)
  - 20.5.1 Global Sales Volume, Sales Revenue and Sales Price Forecast by Type (2022-2027)
  - 20.5.2 Global Forecasted Consumption of GABA (CAS 56-12-2) by Application (2022-2027)

## **21 CONSUMPTION AND DEMAND FORECAST**

- 21.1 North America Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.2 East Asia Market Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.3 Europe Market Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.4 South Asia Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.5 Southeast Asia Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.6 Middle East Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.7 Africa Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.8 Oceania Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.9 South America Forecasted Consumption of GABA (CAS 56-12-2) by Country
- 21.10 Rest of the world Forecasted Consumption of GABA (CAS 56-12-2) by Country

## **22 RESEARCH FINDINGS AND CONCLUSION**

## **23 METHODOLOGY AND DATA SOURCE**

- 23.1 Methodology/Research Approach
  - 23.1.1 Research Programs/Design

23.1.2 Market Size Estimation

23.1.3 Market Breakdown and Data Triangulation

23.2 Data Source

23.2.1 Secondary Sources

23.2.2 Primary Sources

23.3 Disclaimer

## List Of Tables

### LIST OF TABLES AND FIGURES

Key Players Covered: Ranking by GABA (CAS 56-12-2) Revenue (US\$ Million)  
2016-2021

Global GABA (CAS 56-12-2) Market Size by Type (US\$ Million): 2022-2027

Global GABA (CAS 56-12-2) Market Size by Application (US\$ Million): 2022-2027

Global GABA (CAS 56-12-2) Production Capacity by Manufacturers

Global GABA (CAS 56-12-2) Production by Manufacturers (2016-2021)

Global GABA (CAS 56-12-2) Production Market Share by Manufacturers (2016-2021)

Global GABA (CAS 56-12-2) Revenue by Manufacturers (2016-2021)

Global GABA (CAS 56-12-2) Revenue Share by Manufacturers (2016-2021)

Global Market GABA (CAS 56-12-2) Average Price of Key Manufacturers (2016-2021)

Manufacturers GABA (CAS 56-12-2) Production Sites and Area Served

Manufacturers GABA (CAS 56-12-2) Product Type

Global GABA (CAS 56-12-2) Sales Volume by Region (2016-2021)

Global GABA (CAS 56-12-2) Sales Volume Market Share by Region (2016-2021)

Global GABA (CAS 56-12-2) Sales Revenue by Region (2016-2021)

Global GABA (CAS 56-12-2) Sales Revenue Market Share by Region (2016-2021)

North America GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and  
Gross Margin (2016-2021)

East Asia GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross  
Margin (2016-2021)

Europe GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South Asia GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Southeast Asia GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Middle East GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Africa GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Oceania GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South America GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Rest of the World GABA (CAS 56-12-2) Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

North America GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

East Asia GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

Europe GABA (CAS 56-12-2) Consumption by Region (2016-2021)

South Asia GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

Southeast Asia GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

Middle East GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

Africa GABA (CAS 56-12-2) Consumption by Countries (2016-2021)



Oceania GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

South America GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

Rest of the World GABA (CAS 56-12-2) Consumption by Countries (2016-2021)

Global GABA (CAS 56-12-2) Sales Volume by Type (2016-2021)

Global GABA (CAS 56-12-2) Sales Volume Market Share by Type (2016-2021)

Global GABA (CAS 56-12-2) Sales Revenue by Type (2016-2021)

Global GABA (CAS 56-12-2) Sales Revenue Share by Type (2016-2021)

Global GABA (CAS 56-12-2) Sales Price by Type (2016-2021)

Global GABA (CAS 56-12-2) Consumption Volume by Application (2016-2021)

Global GABA (CAS 56-12-2) Consumption Volume Market Share by Application (2016-2021)

Global GABA (CAS 56-12-2) Consumption Value by Application (2016-2021)

Global GABA (CAS 56-12-2) Consumption Value Market Share by Application (2016-2021)

Pharma Foods International GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Kyowa Hakko GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Sekisui Chemical GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Table Zhejiang YiWan Biolabs GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Shanghai Richen GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross



Margin (2016-2021)

Guangdong Luckerkong Biotech GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Tianjin Shijitianlong Biotech GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Ningxiang Jiayuan Biology Technology GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Zhejiang Tianrui Chemical GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Taizhou Xinyou Pharmaceutical & Chemical GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Bloomage Freda Biopharm GABA (CAS 56-12-2) Production Capacity, Revenue, Price and Gross Margin (2016-2021)

GABA (CAS 56-12-2) Distributors List

GABA (CAS 56-12-2) Customers List

Market Key Trends

Key Opportunities and Drivers: Impact Analysis (2022-2027)

Key Challenges

Global GABA (CAS 56-12-2) Production Forecast by Region (2022-2027)

Global GABA (CAS 56-12-2) Sales Volume Forecast by Type (2022-2027)

Global GABA (CAS 56-12-2) Sales Volume Market Share Forecast by Type (2022-2027)

Global GABA (CAS 56-12-2) Sales Revenue Forecast by Type (2022-2027)

Global GABA (CAS 56-12-2) Sales Revenue Market Share Forecast by Type  
(2022-2027)

Global GABA (CAS 56-12-2) Sales Price Forecast by Type (2022-2027)

Global GABA (CAS 56-12-2) Consumption Volume Forecast by Application (2022-2027)

Global GABA (CAS 56-12-2) Consumption Value Forecast by Application (2022-2027)

North America GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

East Asia GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

Europe GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

South Asia GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

Southeast Asia GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

Middle East GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

Africa GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

Oceania GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

South America GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

Rest of the world GABA (CAS 56-12-2) Consumption Forecast 2022-2027 by Country

Research Programs/Design for This Report

Key Data Information from Secondary Sources

Key Data Information from Primary Sources

Global GABA (CAS 56-12-2) Market Share by Type: 2021 VS 2027

Chemical Synthesis Features

Biological Fermentation Features

Global GABA (CAS 56-12-2) Market Share by Application: 2021 VS 2027

Pharmaceuticals & Health Case Studies

Food & Beverage Case Studies

Animal Feeds Case Studies

GABA (CAS 56-12-2) Report Years Considered

Global GABA (CAS 56-12-2) Market Status and Outlook (2016-2027)

North America GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

East Asia GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

Europe GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

South Asia GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

South America GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

Middle East GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

Africa GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

Oceania GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

South America GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

Rest of the World GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2016-2027)

North America GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

East Asia GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

Europe GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

South Asia GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

Southeast Asia GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

Middle East GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

Africa GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

Oceania GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

South America GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

Rest of the World GABA (CAS 56-12-2) Sales Volume Growth Rate (2016-2021)

North America GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

North America GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

United States GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Canada GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Mexico GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

East Asia GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

East Asia GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

China GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Japan GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

South Korea GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Europe GABA (CAS 56-12-2) Consumption and Growth Rate

Europe GABA (CAS 56-12-2) Consumption Market Share by Region in 2021

Germany GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

United Kingdom GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

France GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Italy GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Russia GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Spain GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Netherlands GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Switzerland GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Poland GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

South Asia GABA (CAS 56-12-2) Consumption and Growth Rate

South Asia GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

India GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Pakistan GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Bangladesh GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Southeast Asia GABA (CAS 56-12-2) Consumption and Growth Rate

Southeast Asia GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

Indonesia GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Thailand GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Singapore GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Malaysia GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Philippines GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Vietnam GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Myanmar GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Middle East GABA (CAS 56-12-2) Consumption and Growth Rate

Middle East GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

Turkey GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Saudi Arabia GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Iran GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

United Arab Emirates GABA (CAS 56-12-2) Consumption and Growth Rate  
(2016-2021)

Israel GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Iraq GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Qatar GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Kuwait GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Oman GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Africa GABA (CAS 56-12-2) Consumption and Growth Rate

Africa GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

Nigeria GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

South Africa GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Egypt GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Algeria GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Morocco GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Oceania GABA (CAS 56-12-2) Consumption and Growth Rate

Oceania GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

Australia GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

New Zealand GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

South America GABA (CAS 56-12-2) Consumption and Growth Rate

South America GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

Brazil GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Argentina GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Columbia GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Chile GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Venezuela GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Peru GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Puerto Rico GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Ecuador GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Rest of the World GABA (CAS 56-12-2) Consumption and Growth Rate



Rest of the World GABA (CAS 56-12-2) Consumption Market Share by Countries in 2021

Kazakhstan GABA (CAS 56-12-2) Consumption and Growth Rate (2016-2021)

Sales Market Share of GABA (CAS 56-12-2) by Type in 2021

Sales Revenue Market Share of GABA (CAS 56-12-2) by Type in 2021

Global GABA (CAS 56-12-2) Consumption Volume Market Share by Application in 2021

Pharma Foods International GABA (CAS 56-12-2) Product Specification

Kyowa Hakko GABA (CAS 56-12-2) Product Specification

Sekisui Chemical GABA (CAS 56-12-2) Product Specification

Zhejiang YiWan Biolabs GABA (CAS 56-12-2) Product Specification

Shanghai Richen GABA (CAS 56-12-2) Product Specification

Guangdong Luckerkong Biotech GABA (CAS 56-12-2) Product Specification

Tianjin Shijitianlong Biotech GABA (CAS 56-12-2) Product Specification

Ningxiang Jiayuan Biology Technology GABA (CAS 56-12-2) Product Specification

Zhejiang Tianrui Chemical GABA (CAS 56-12-2) Product Specification

Taizhou Xinyou Pharmaceutical & Chemical GABA (CAS 56-12-2) Product Specification

Bloomage Freda Biopharm GABA (CAS 56-12-2) Product Specification

Manufacturing Cost Structure of GABA (CAS 56-12-2)

Manufacturing Process Analysis of GABA (CAS 56-12-2)

GABA (CAS 56-12-2) Industrial Chain Analysis



Channels of Distribution

Distributors Profiles

Porter's Five Forces Analysis

Global GABA (CAS 56-12-2) Production Capacity Growth Rate Forecast (2022-2027)

Global GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

Global GABA (CAS 56-12-2) Price and Trend Forecast (2016-2027)

North America GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

North America GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

East Asia GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

East Asia GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

Europe GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

Europe GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

South Asia GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

South Asia GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

Southeast Asia GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

Southeast Asia GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

Middle East GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

Middle East GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

Africa GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

Africa GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

Oceania GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

Oceania GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

South America GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

South America GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

Rest of the World GABA (CAS 56-12-2) Production Growth Rate Forecast (2022-2027)

Rest of the World GABA (CAS 56-12-2) Revenue Growth Rate Forecast (2022-2027)

North America GABA (CAS 56-12-2) Consumption Forecast 2022-2027

East Asia GABA (CAS 56-12-2) Consumption Forecast 2022-2027

Europe GABA (CAS 56-12-2) Consumption Forecast 2022-2027

South Asia GABA (CAS 56-12-2) Consumption Forecast 2022-2027

Southeast Asia GABA (CAS 56-12-2) Consumption Forecast 2022-2027

Middle East GABA (CAS 56-12-2) Consumption Forecast 2022-2027

Africa GABA (CAS 56-12-2) Consumption Forecast 2022-2027

Oceania GABA (CAS 56-12-2) Consumption Forecast 2022-2027

South America GABA (CAS 56-12-2) Consumption Forecast 2022-2027

Rest of the world GABA (CAS 56-12-2) Consumption Forecast 2022-2027

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