+44 20 8123 2220
info@marketpublishers.com

Global GABA (CAS 56-12-2) Market by Manufacturers, Regions, Type and Application, Forecast to 2023

https://marketpublishers.com/r/G96ADFA61A3EN.html
Date: June 2018
Pages: 129
Price: US$ 3,480.00 (Single User License)
ID: G96ADFA61A3EN

Abstracts

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.

SCOPE OF THE REPORT:

This report focuses on the GABA (CAS 56-12-2) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.
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 L-glutamate and Lactobacillus, is safer and more widely used. Only in this way, can GABA be used in pharmaceuticals, foods, beverages, and animal feeds in

China. The price of GABA produced from monosodium L-glutamate and Lactobacillus is relatively higher. As the limitation of application fields, the market share of chemical synthesis product decreased

China is the dominate producer of GABA, the production was 443.3 MT in 2015, accounting for about 85.79% of the total amount, followed by Japan, with the production market share of 11.36%. Even though a huge space for growth in the Chinese market exists, the quality and technology should be further improved.

Leading players in GABA industry are Pharma Foods International, Sekisui Chemical, Zhejiang YiWan Biolabs. All of those manufacturers produce GABA through biological fermentation method and have more advanced equipment, strong R&D capabilities; high technical level. Therefore, the price is higher. The top three companies occupied about 53.97% value share of the market in 2015.

Food & Beverage accounted for the largest market with about 71.54% of the global GABA consumption in 2015. Moreover, it is anticipated to grow at a CAGR of 3.61% from 2017 to 2021. With over 15.74% share in the GABA market, animal feeds was the second largest application market in 2015, and is anticipated to grow at a CAGR of 3.85%, in terms of consumption volume, from 2017 to 2021.

The GABA price of each company decreased in past several years with increasing production. In the next few years, with the biological fermentation method get more market shares, we predict that average price level will rise.

The worldwide market for GABA (CAS 56-12-2) is expected to grow at a CAGR of roughly 5.5% over the next five years, will reach 57 million US$ in 2023, from 42 million US$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Pharma Foods International

Sekisui Chemical

Zhejiang YiWan Biolabs

Shanghai Richen

Guangdong Luckerkong Biotech

Tianjin Shijitianlong Biotech

Ningxiang Jiayuan Biology Technology

Zhejiang Tianrui Chemical

Taizhou Xinyou Pharmaceutical & Chemical

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Chemical Synthesis

Biological Fermentation

Market Segment by Applications, can be divided into

Pharmaceuticals

Food & Beverage

Animal Feeds

Others

There are 15 Chapters to deeply display the global GABA (CAS 56-12-2) market.

+44 20 8123 2220
info@marketpublishers.com

Chapter 1, to describe GABA (CAS 56-12-2) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of GABA (CAS 56-12-2), with sales, revenue, and price of GABA (CAS 56-12-2), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of GABA (CAS 56-12-2), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, GABA (CAS 56-12-2) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe GABA (CAS 56-12-2) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

+44 20 8123 2220
info@marketpublishers.com

Contents

1 MARKET OVERVIEW

1.1 GABA (CAS 56-12-2) Introduction
1.2 Market Analysis by Type
1.2.1 Chemical Synthesis
1.2.2 Biological Fermentation
1.3 Market Analysis by Applications
1.3.1 Pharmaceuticals
1.3.2 Food & Beverage
1.3.3 Animal Feeds
1.3.4 Others
1.4 Market Analysis by Regions
1.4.1 North America (United States, Canada and Mexico)
1.4.1.1 United States Market States and Outlook (2013-2023)
1.4.1.2 Canada Market States and Outlook (2013-2023)
1.4.1.3 Mexico Market States and Outlook (2013-2023)
1.4.2 Europe (Germany, France, UK, Russia and Italy)
1.4.2.1 Germany Market States and Outlook (2013-2023)
1.4.2.2 France Market States and Outlook (2013-2023)
1.4.2.3 UK Market States and Outlook (2013-2023)
1.4.2.4 Russia Market States and Outlook (2013-2023)
1.4.2.5 Italy Market States and Outlook (2013-2023)
1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
1.4.3.1 China Market States and Outlook (2013-2023)
1.4.3.2 Japan Market States and Outlook (2013-2023)
1.4.3.3 Korea Market States and Outlook (2013-2023)
1.4.3.4 India Market States and Outlook (2013-2023)
1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
1.4.4 South America, Middle East and Africa
1.4.4.1 Brazil Market States and Outlook (2013-2023)
1.4.4.2 Egypt Market States and Outlook (2013-2023)
1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
1.4.4.4 South Africa Market States and Outlook (2013-2023)
1.4.4.5 Nigeria Market States and Outlook (2013-2023)
1.5 Market Dynamics
1.5.1 Market Opportunities
1.5.2 Market Risk

1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 Pharma Foods International
2.1.1 Business Overview
2.1.2 GABA (CAS 56-12-2) Type and Applications
2.1.2.1 Product A
2.1.2.2 Product B
2.1.3 Pharma Foods International GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
2.2 Sekisui Chemical
2.2.1 Business Overview
2.2.2 GABA (CAS 56-12-2) Type and Applications
2.2.2.1 Product A
2.2.2.2 Product B
2.2.3 Sekisui Chemical GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
2.3 Zhejiang YiWan Biolabs
2.3.1 Business Overview
2.3.2 GABA (CAS 56-12-2) Type and Applications
2.3.2.1 Product A
2.3.2.2 Product B
2.3.3 Zhejiang YiWan Biolabs GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
2.4 Shanghai Richen
2.4.1 Business Overview
2.4.2 GABA (CAS 56-12-2) Type and Applications
2.4.2.1 Product A
2.4.2.2 Product B
2.4.3 Shanghai Richen GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
2.5 Guangdong Luckerkong Biotech
2.5.1 Business Overview
2.5.2 GABA (CAS 56-12-2) Type and Applications
2.5.2.1 Product A
2.5.2.2 Product B
2.5.3 Guangdong Luckerkong Biotech GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6 Tianjin Shijitianlong Biotech
2.6.1 Business Overview
2.6.2 GABA (CAS 56-12-2) Type and Applications
2.6.2.1 Product A
2.6.2.2 Product B
2.6.3 Tianjin Shijitianlong Biotech GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
2.7 Ningxiang Jiayuan Biology Technology
2.7.1 Business Overview
2.7.2 GABA (CAS 56-12-2) Type and Applications
2.7.2.1 Product A
2.7.2.2 Product B
2.7.3 Ningxiang Jiayuan Biology Technology GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
2.8 Zhejiang Tianrui Chemical
2.8.1 Business Overview
2.8.2 GABA (CAS 56-12-2) Type and Applications
2.8.2.1 Product A
2.8.2.2 Product B
2.8.3 Zhejiang Tianrui Chemical GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
2.9 Taizhou Xinyou Pharmaceutical & Chemical
2.9.1 Business Overview
2.9.2 GABA (CAS 56-12-2) Type and Applications
2.9.2.1 Product A
2.9.2.2 Product B
2.9.3 Taizhou Xinyou Pharmaceutical & Chemical GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL GABA (CAS 56-12-2) SALES, REVENUE, MARKET SHARE AND COMPETITION BY MANUFACTURER (2016-2017)

3.1 Global GABA (CAS 56-12-2) Sales and Market Share by Manufacturer (2016-2017)
3.2 Global GABA (CAS 56-12-2) Revenue and Market Share by Manufacturer (2016-2017)
3.3 Market Concentration Rate
3.3.1 Top 3 GABA (CAS 56-12-2) Manufacturer Market Share in 2017
3.3.2 Top 6 GABA (CAS 56-12-2) Manufacturer Market Share in 2017
3.4 Market Competition Trend

+44 20 8123 2220
info@marketpublishers.com

4 GLOBAL GABA (CAS 56-12-2) MARKET ANALYSIS BY REGIONS

4.1 Global GABA (CAS 56-12-2) Sales, Revenue and Market Share by Regions
4.1.1 Global GABA (CAS 56-12-2) Sales and Market Share by Regions (2013-2018)
4.1.2 Global GABA (CAS 56-12-2) Revenue and Market Share by Regions (2013-2018)
4.2 North America GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
4.3 Europe GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
4.4 Asia-Pacific GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
4.5 South America GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
4.6 Middle East and Africa GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)

5 NORTH AMERICA GABA (CAS 56-12-2) BY COUNTRIES

5.1 North America GABA (CAS 56-12-2) Sales, Revenue and Market Share by Countries
5.1.1 North America GABA (CAS 56-12-2) Sales and Market Share by Countries (2013-2018)
5.1.2 North America GABA (CAS 56-12-2) Revenue and Market Share by Countries (2013-2018)
5.2 United States GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
5.3 Canada GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
5.4 Mexico GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)

6 EUROPE GABA (CAS 56-12-2) BY COUNTRIES

6.1 Europe GABA (CAS 56-12-2) Sales, Revenue and Market Share by Countries
6.1.1 Europe GABA (CAS 56-12-2) Sales and Market Share by Countries (2013-2018)
6.1.2 Europe GABA (CAS 56-12-2) Revenue and Market Share by Countries (2013-2018)
6.2 Germany GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
6.3 UK GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
6.4 France GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
6.5 Russia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
6.6 Italy GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)

7 ASIA-PACIFIC GABA (CAS 56-12-2) BY COUNTRIES

7.1 Asia-Pacific GABA (CAS 56-12-2) Sales, Revenue and Market Share by Countries
7.1.1 Asia-Pacific GABA (CAS 56-12-2) Sales and Market Share by Countries (2013-2018)
7.1.2 Asia-Pacific GABA (CAS 56-12-2) Revenue and Market Share by Countries (2013-2018)
7.2 China GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
7.3 Japan GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
7.4 Korea GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
7.5 India GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
7.6 Southeast Asia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)

8 SOUTH AMERICA GABA (CAS 56-12-2) BY COUNTRIES

8.1 South America GABA (CAS 56-12-2) Sales, Revenue and Market Share by Countries
8.1.1 South America GABA (CAS 56-12-2) Sales and Market Share by Countries (2013-2018)
8.1.2 South America GABA (CAS 56-12-2) Revenue and Market Share by Countries (2013-2018)
8.2 Brazil GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
8.3 Argentina GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
8.4 Colombia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA GABA (CAS 56-12-2) BY COUNTRIES

9.1 Middle East and Africa GABA (CAS 56-12-2) Sales, Revenue and Market Share by Countries
9.1.1 Middle East and Africa GABA (CAS 56-12-2) Sales and Market Share by Countries (2013-2018)
9.1.2 Middle East and Africa GABA (CAS 56-12-2) Revenue and Market Share by Countries (2013-2018)
9.2 Saudi Arabia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
9.3 UAE GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
9.4 Egypt GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
9.5 Nigeria GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
9.6 South Africa GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)

10 GLOBAL GABA (CAS 56-12-2) MARKET SEGMENT BY TYPE

10.1 Global GABA (CAS 56-12-2) Sales, Revenue and Market Share by Type (2013-2018)
10.1.1 Global GABA (CAS 56-12-2) Sales and Market Share by Type (2013-2018)
10.1.2 Global GABA (CAS 56-12-2) Revenue and Market Share by Type (2013-2018)
10.2 Chemical Synthesis Sales Growth and Price
10.2.1 Global Chemical Synthesis Sales Growth (2013-2018)
10.2.2 Global Chemical Synthesis Price (2013-2018)
10.3 Biological Fermentation Sales Growth and Price
10.3.1 Global Biological Fermentation Sales Growth (2013-2018)
10.3.2 Global Biological Fermentation Price (2013-2018)

11 GLOBAL GABA (CAS 56-12-2) MARKET SEGMENT BY APPLICATION

11.1 Global GABA (CAS 56-12-2) Sales Market Share by Application (2013-2018)
11.2 Pharmaceuticals Sales Growth (2013-2018)
11.3 Food & Beverage Sales Growth (2013-2018)
11.4 Animal Feeds Sales Growth (2013-2018)
11.5 Others Sales Growth (2013-2018)

12 GABA (CAS 56-12-2) MARKET FORECAST (2018-2023)

12.1 Global GABA (CAS 56-12-2) Sales, Revenue and Growth Rate (2018-2023)
12.2 GABA (CAS 56-12-2) Market Forecast by Regions (2018-2023)
12.2.1 North America GABA (CAS 56-12-2) Market Forecast (2018-2023)
12.2.2 Europe GABA (CAS 56-12-2) Market Forecast (2018-2023)
12.2.3 Asia-Pacific GABA (CAS 56-12-2) Market Forecast (2018-2023)
12.2.4 South America GABA (CAS 56-12-2) Market Forecast (2018-2023)
12.2.5 Middle East and Africa GABA (CAS 56-12-2) Market Forecast (2018-2023)
12.3 GABA (CAS 56-12-2) Market Forecast by Type (2018-2023)
12.3.1 Global GABA (CAS 56-12-2) Sales Forecast by Type (2018-2023)
12.3.2 Global GABA (CAS 56-12-2) Market Share Forecast by Type (2018-2023)
12.4 GABA (CAS 56-12-2) Market Forecast by Application (2018-2023)
12.4.1 Global GABA (CAS 56-12-2) Sales Forecast by Application (2018-2023)
12.4.2 Global GABA (CAS 56-12-2) Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel
13.1.1 Direct Marketing

+44 20 8123 2220
info@marketpublishers.com

13.1.2 Indirect Marketing
13.1.3 Marketing Channel Future Trend
13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology
15.2 Data Source

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES AND FIGURES

Figure GABA (CAS 56-12-2) Picture
Table Product Specifications of GABA (CAS 56-12-2)
Figure Global Sales Market Share of GABA (CAS 56-12-2) by Types in 2017
Table GABA (CAS 56-12-2) Types for Major Manufacturers
Figure Chemical Synthesis Picture
Figure Biological Fermentation Picture
Figure GABA (CAS 56-12-2) Sales Market Share by Applications in 2017
Figure Pharmaceuticals Picture
Figure Food & Beverage Picture
Figure Animal Feeds Picture
Figure Others Picture
Figure United States GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Canada GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Mexico GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Germany GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure France GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure UK GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Russia GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Italy GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure China GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Japan GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Korea GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure India GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Southeast Asia GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Brazil GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Egypt GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Saudi Arabia GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure South Africa GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Figure Nigeria GABA (CAS 56-12-2) Revenue (Value) and Growth Rate (2013-2023)
Table Pharma Foods International Basic Information, Manufacturing Base and Competitors

Table Pharma Foods International GABA (CAS 56-12-2) Type and Applications
Table Pharma Foods International GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Sekisui Chemical Basic Information, Manufacturing Base and Competitors
Table Sekisui Chemical GABA (CAS 56-12-2) Type and Applications
Table Sekisui Chemical GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Zhejiang YiWan Biolabs Basic Information, Manufacturing Base and Competitors
Table Zhejiang YiWan Biolabs GABA (CAS 56-12-2) Type and Applications
Table Zhejiang YiWan Biolabs GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Shanghai Richen Basic Information, Manufacturing Base and Competitors
Table Shanghai Richen GABA (CAS 56-12-2) Type and Applications
Table Shanghai Richen GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Guangdong Luckerkong Biotech Basic Information, Manufacturing Base and Competitors
Table Guangdong Luckerkong Biotech GABA (CAS 56-12-2) Type and Applications
Table Guangdong Luckerkong Biotech GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Tianjin Shijitianlong Biotech Basic Information, Manufacturing Base and Competitors
Table Tianjin Shijitianlong Biotech GABA (CAS 56-12-2) Type and Applications
Table Tianjin Shijitianlong Biotech GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Ningxiang Jiayuan Biology Technology Basic Information, Manufacturing Base and Competitors
Table Ningxiang Jiayuan Biology Technology GABA (CAS 56-12-2) Type and Applications
Table Ningxiang Jiayuan Biology Technology GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Zhejiang Tianrui Chemical Basic Information, Manufacturing Base and Competitors
Table Zhejiang Tianrui Chemical GABA (CAS 56-12-2) Type and Applications
Table Zhejiang Tianrui Chemical GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Taizhou Xinyou Pharmaceutical & Chemical Basic Information, Manufacturing Base and Competitors
Table Taizhou Xinyou Pharmaceutical & Chemical GABA (CAS 56-12-2) Type and

Applications
Table Taizhou Xinyou Pharmaceutical & Chemical GABA (CAS 56-12-2) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Global GABA (CAS 56-12-2) Sales by Manufacturer (2016-2017)
Figure Global GABA (CAS 56-12-2) Sales Market Share by Manufacturer in 2016
Figure Global GABA (CAS 56-12-2) Sales Market Share by Manufacturer in 2017
Table Global GABA (CAS 56-12-2) Revenue by Manufacturer (2016-2017)
Figure Global GABA (CAS 56-12-2) Revenue Market Share by Manufacturer in 2016
Figure Global GABA (CAS 56-12-2) Revenue Market Share by Manufacturer in 2017
Figure Top 3 GABA (CAS 56-12-2) Manufacturer (Revenue) Market Share in 2017
Figure Top 6 GABA (CAS 56-12-2) Manufacturer (Revenue) Market Share in 2017
Figure Global GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Global GABA (CAS 56-12-2) Revenue and Growth Rate (2013-2018)
Table Global GABA (CAS 56-12-2) Sales by Regions (2013-2018)
Table Global GABA (CAS 56-12-2) Sales Market Share by Regions (2013-2018)
Table Global GABA (CAS 56-12-2) Revenue by Regions (2013-2018)
Figure Global GABA (CAS 56-12-2) Revenue Market Share by Regions in 2013
Figure Global GABA (CAS 56-12-2) Revenue Market Share by Regions in 2017
Figure North America GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Europe GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Asia-Pacific GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure South America GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Middle East and Africa GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure North America GABA (CAS 56-12-2) Revenue and Growth Rate (2013-2018)
Table North America GABA (CAS 56-12-2) Sales by Countries (2013-2018)
Table North America GABA (CAS 56-12-2) Sales Market Share by Countries (2013-2018)
Figure North America GABA (CAS 56-12-2) Sales Market Share by Countries in 2013
Figure North America GABA (CAS 56-12-2) Sales Market Share by Countries in 2017
Table North America GABA (CAS 56-12-2) Revenue by Countries (2013-2018)
Table North America GABA (CAS 56-12-2) Revenue Market Share by Countries (2013-2018)
Figure North America GABA (CAS 56-12-2) Revenue Market Share by Countries in 2013
Figure North America GABA (CAS 56-12-2) Revenue Market Share by Countries in 2017
Figure United States GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Canada GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)

Figure Mexico GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Europe GABA (CAS 56-12-2) Revenue and Growth Rate (2013-2018)
Table Europe GABA (CAS 56-12-2) Sales by Countries (2013-2018)
Table Europe GABA (CAS 56-12-2) Sales Market Share by Countries (2013-2018)
Table Europe GABA (CAS 56-12-2) Revenue by Countries (2013-2018)
Figure Europe GABA (CAS 56-12-2) Revenue Market Share by Countries in 2016
Figure Europe GABA (CAS 56-12-2) Revenue Market Share by Countries in 2017
Figure Germany GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure UK GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure France GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Russia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Italy GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Asia-Pacific GABA (CAS 56-12-2) Revenue and Growth Rate (2013-2018)
Table Asia-Pacific GABA (CAS 56-12-2) Sales by Countries (2013-2018)
Table Asia-Pacific GABA (CAS 56-12-2) Sales Market Share by Countries (2013-2018)
Figure Asia-Pacific GABA (CAS 56-12-2) Sales Market Share by Countries 2017
Table Asia-Pacific GABA (CAS 56-12-2) Revenue by Countries (2013-2018)
Figure Asia-Pacific GABA (CAS 56-12-2) Revenue Market Share by Countries 2017
Figure China GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Japan GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Korea GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure India GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Southeast Asia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure South America GABA (CAS 56-12-2) Revenue and Growth Rate (2013-2018)
Table South America GABA (CAS 56-12-2) Sales by Countries (2013-2018)
Table South America GABA (CAS 56-12-2) Sales Market Share by Countries (2013-2018)
Figure South America GABA (CAS 56-12-2) Sales Market Share by Countries in 2017
Table South America GABA (CAS 56-12-2) Revenue by Countries (2013-2018)
Table South America GABA (CAS 56-12-2) Revenue Market Share by Countries (2013-2018)
Figure South America GABA (CAS 56-12-2) Revenue Market Share by Countries in 2017
Figure Brazil GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Argentina GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Colombia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Middle East and Africa GABA (CAS 56-12-2) Revenue and Growth Rate (2013-2018)
Table Middle East and Africa GABA (CAS 56-12-2) Sales by Countries (2013-2018)

Table Middle East and Africa GABA (CAS 56-12-2) Sales Market Share by Countries (2013-2018)
Figure Middle East and Africa GABA (CAS 56-12-2) Sales Market Share by Countries in 2017
Table Middle East and Africa GABA (CAS 56-12-2) Revenue by Countries (2013-2018)
Table Middle East and Africa GABA (CAS 56-12-2) Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa GABA (CAS 56-12-2) Revenue Market Share by Countries in 2013
Figure Middle East and Africa GABA (CAS 56-12-2) Revenue Market Share by Countries in 2017
Figure Saudi Arabia GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure UAE GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Egypt GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure Nigeria GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Figure South Africa GABA (CAS 56-12-2) Sales and Growth Rate (2013-2018)
Table Global GABA (CAS 56-12-2) Sales by Type (2013-2018)
Table Global GABA (CAS 56-12-2) Sales Share by Type (2013-2018)
Table Global GABA (CAS 56-12-2) Revenue by Type (2013-2018)
Table Global GABA (CAS 56-12-2) Revenue Share by Type (2013-2018)
Figure Global Chemical Synthesis Sales Growth (2013-2018)
Figure Global Chemical Synthesis Price (2013-2018)
Figure Global Biological Fermentation Sales Growth (2013-2018)
Figure Global Biological Fermentation Price (2013-2018)
Table Global GABA (CAS 56-12-2) Sales by Application (2013-2018)
Table Global GABA (CAS 56-12-2) Sales Share by Application (2013-2018)
Figure Global Food & Beverage Sales Growth (2013-2018)
Figure Global Animal Feeds Sales Growth (2013-2018)
Figure Global Others Sales Growth (2013-2018)
Figure Global GABA (CAS 56-12-2) Sales, Revenue and Growth Rate (2018-2023)
Table Global GABA (CAS 56-12-2) Sales Forecast by Regions (2018-2023)
Table Global GABA (CAS 56-12-2) Market Share Forecast by Regions (2018-2023)
Figure North America Sales GABA (CAS 56-12-2) Market Forecast (2018-2023)
Figure Europe Sales GABA (CAS 56-12-2) Market Forecast (2018-2023)
Figure Asia-Pacific Sales GABA (CAS 56-12-2) Market Forecast (2018-2023)
Figure South America Sales GABA (CAS 56-12-2) Market Forecast (2018-2023)
Figure Middle East and Africa Sales GABA (CAS 56-12-2) Market Forecast (2018-2023)
Table Global GABA (CAS 56-12-2) Sales Forecast by Type (2018-2023)
Table Global GABA (CAS 56-12-2) Market Share Forecast by Type (2018-2023)

+44 20 8123 2220
info@marketpublishers.com

Table Global GABA (CAS 56-12-2) Sales Forecast by Application (2018-2023)
Table Global GABA (CAS 56-12-2) Market Share Forecast by Application (2018-2023)
Table Distributors/Traders/ Dealers List

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global GABA (CAS 56-12-2) Market by Manufacturers, Regions, Type and Application, Forecast to 2023

Product link: https://marketpublishers.com/r/G96ADFA61A3EN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G96ADFA61A3EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970

+44 20 8123 2220
info@marketpublishers.com