

2018-2023 Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Report

https://marketpublishers.com/r/24C244FB2FAEN.html

Date: September 2018

Pages: 136

Price: US\$ 4,660.00 (Single User License)

ID: 24C244FB2FAEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Gamma Valerolactone (CAS 108-29-2) market for 2018-2023.

Gamma valerolactone is colorless liquid. It is one of the more common lactones. GVL is chiral but is usually used as the racemate. It can be used to produce food flavors, used as solvent for resins, monomer intermediate, lubricant, plasticizer and so on. Gamma valerolactone has been used in food flavors, solvent industry, as well as chemical synthesis and so on. Among various applications, food flavors accounts for the largest consumption share with 80.57% in 2017.

The gamma valerolactone industry is relatively small at the moment. There are only a few manufacturers engaged in the production. Manufacturers of Anhui Hyea gamma valerolactone mainly concentrate in China. Aromas is the largest producer of gamma valerolactone, owning 62% production share globally.

Consumption of gamma valerolactone mainly distribute in USA and China. USA imports gamma valerolactone from China to meet its demand. In 2017, 13.8 MT gamma valerolactone was consumed in USA while China consumed 29.81%.

Over the next five years, LPI(LP Information) projects that Gamma Valerolactone (CAS 108-29-2) will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Gamma Valerolactone (CAS 108-29-2) market by product type, application, key manufacturers and key regions.



To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:	
Food Grade	
Industrial Grade	
Segmentation by application:	
Food Flavors	
Solvent	
Monomer Intermediate	
Others	
This report also splits the market b	by region:
Americas	
United States	
Canada	
Mexico	
Brazil	
APAC	
China	

Japan



Korea
Southeast Asia
India
Australia
Europe
Germany
France
UK
Italy
Russia
Spain
Middle East & Africa
Egypt
South Africa
Israel
Turkey
GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:



Anhui Hyea Aromas

Dideu Industries

Kunshan Qiandeng Baihua

Zhongyue Aroma

Soda Aromatic

Inoue Perfumery MFG

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Gamma Valerolactone (CAS 108-29-2) consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Gamma Valerolactone (CAS 108-29-2) market by identifying its various subsegments.

Focuses on the key global Gamma Valerolactone (CAS 108-29-2) manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Gamma Valerolactone (CAS 108-29-2) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).



To project the consumption of Gamma Valerolactone (CAS 108-29-2) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Research Objectives
- 1.3 Years Considered
- 1.4 Market Research Methodology
- 1.5 Economic Indicators
- 1.6 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Gamma Valerolactone (CAS 108-29-2) Consumption 2013-2023
 - 2.1.2 Gamma Valerolactone (CAS 108-29-2) Consumption CAGR by Region
- 2.2 Gamma Valerolactone (CAS 108-29-2) Segment by Type
 - 2.2.1 Food Grade
 - 2.2.2 Industrial Grade
- 2.3 Gamma Valerolactone (CAS 108-29-2) Consumption by Type
- 2.3.1 Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type (2013-2018)
- 2.3.2 Global Gamma Valerolactone (CAS 108-29-2) Revenue and Market Share by Type (2013-2018)
 - 2.3.3 Global Gamma Valerolactone (CAS 108-29-2) Sale Price by Type (2013-2018)
- 2.4 Gamma Valerolactone (CAS 108-29-2) Segment by Application
 - 2.4.1 Food Flavors
 - 2.4.2 Solvent
 - 2.4.3 Monomer Intermediate
 - 2.4.4 Others
- 2.5 Gamma Valerolactone (CAS 108-29-2) Consumption by Application
- 2.5.1 Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application (2013-2018)
- 2.5.2 Global Gamma Valerolactone (CAS 108-29-2) Value and Market Share by Application (2013-2018)
- 2.5.3 Global Gamma Valerolactone (CAS 108-29-2) Sale Price by Application (2013-2018)

3 GLOBAL GAMMA VALEROLACTONE (CAS 108-29-2) BY PLAYERS



- 3.1 Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Players
 - 3.1.1 Global Gamma Valerolactone (CAS 108-29-2) Sales by Players (2016-2018)
- 3.1.2 Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Players (2016-2018)
- 3.2 Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Players
- 3.2.1 Global Gamma Valerolactone (CAS 108-29-2) Revenue by Players (2016-2018)
- 3.2.2 Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Players (2016-2018)
- 3.3 Global Gamma Valerolactone (CAS 108-29-2) Sale Price by Players
- 3.4 Global Gamma Valerolactone (CAS 108-29-2) Manufacturing Base Distribution, Sales Area, Product Types by Players
- 3.4.1 Global Gamma Valerolactone (CAS 108-29-2) Manufacturing Base Distribution and Sales Area by Players
- 3.4.2 Players Gamma Valerolactone (CAS 108-29-2) Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) (2016-2018)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 GAMMA VALEROLACTONE (CAS 108-29-2) BY REGIONS

- 4.1 Gamma Valerolactone (CAS 108-29-2) by Regions
 - 4.1.1 Global Gamma Valerolactone (CAS 108-29-2) Consumption by Regions
- 4.1.2 Global Gamma Valerolactone (CAS 108-29-2) Value by Regions
- 4.2 Americas Gamma Valerolactone (CAS 108-29-2) Consumption Growth
- 4.3 APAC Gamma Valerolactone (CAS 108-29-2) Consumption Growth
- 4.4 Europe Gamma Valerolactone (CAS 108-29-2) Consumption Growth
- 4.5 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption Growth

5 AMERICAS

- 5.1 Americas Gamma Valerolactone (CAS 108-29-2) Consumption by Countries
- 5.1.1 Americas Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018)
- 5.1.2 Americas Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018)
- 5.2 Americas Gamma Valerolactone (CAS 108-29-2) Consumption by Type



- 5.3 Americas Gamma Valerolactone (CAS 108-29-2) Consumption by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Key Economic Indicators of Few Americas Countries

6 APAC

- 6.1 APAC Gamma Valerolactone (CAS 108-29-2) Consumption by Countries
- 6.1.1 APAC Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018)
- 6.1.2 APAC Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018)
- 6.2 APAC Gamma Valerolactone (CAS 108-29-2) Consumption by Type
- 6.3 APAC Gamma Valerolactone (CAS 108-29-2) Consumption by Application
- 6.4 China
- 6.5 Japan
- 6.6 Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 Key Economic Indicators of Few APAC Countries

7 EUROPE

- 7.1 Europe Gamma Valerolactone (CAS 108-29-2) by Countries
- 7.1.1 Europe Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018)
 - 7.1.2 Europe Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018)
- 7.2 Europe Gamma Valerolactone (CAS 108-29-2) Consumption by Type
- 7.3 Europe Gamma Valerolactone (CAS 108-29-2) Consumption by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia
- 7.9 Spain
- 7.10 Key Economic Indicators of Few Europe Countries

8 MIDDLE EAST & AFRICA



- 8.1 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) by Countries
- 8.1.1 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018)
- 8.1.2 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018)
- 8.2 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption by Type
- 8.3 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers and Impact
 - 9.1.1 Growing Demand from Key Regions
 - 9.1.2 Growing Demand from Key Applications and Potential Industries
- 9.2 Market Challenges and Impact
- 9.3 Market Trends

10 MARKETING, DISTRIBUTORS AND CUSTOMER

- 10.1 Sales Channel
- 10.1.1 Direct Marketing
- 10.1.2 Indirect Marketing
- 10.2 Gamma Valerolactone (CAS 108-29-2) Distributors
- 10.3 Gamma Valerolactone (CAS 108-29-2) Customer

11 GLOBAL GAMMA VALEROLACTONE (CAS 108-29-2) MARKET FORECAST

- 11.1 Global Gamma Valerolactone (CAS 108-29-2) Consumption Forecast (2018-2023)
- 11.2 Global Gamma Valerolactone (CAS 108-29-2) Forecast by Regions
- 11.2.1 Global Gamma Valerolactone (CAS 108-29-2) Forecast by Regions (2018-2023)
- 11.2.2 Global Gamma Valerolactone (CAS 108-29-2) Value Forecast by Regions (2018-2023)



- 11.2.3 Americas Consumption Forecast
- 11.2.4 APAC Consumption Forecast
- 11.2.5 Europe Consumption Forecast
- 11.2.6 Middle East & Africa Consumption Forecast
- 11.3 Americas Forecast by Countries
 - 11.3.1 United States Market Forecast
 - 11.3.2 Canada Market Forecast
 - 11.3.3 Mexico Market Forecast
 - 11.3.4 Brazil Market Forecast
- 11.4 APAC Forecast by Countries
 - 11.4.1 China Market Forecast
 - 11.4.2 Japan Market Forecast
 - 11.4.3 Korea Market Forecast
 - 11.4.4 Southeast Asia Market Forecast
 - 11.4.5 India Market Forecast
 - 11.4.6 Australia Market Forecast
- 11.5 Europe Forecast by Countries
 - 11.5.1 Germany Market Forecast
 - 11.5.2 France Market Forecast
 - 11.5.3 UK Market Forecast
 - 11.5.4 Italy Market Forecast
 - 11.5.5 Russia Market Forecast
 - 11.5.6 Spain Market Forecast
- 11.6 Middle East & Africa Forecast by Countries
 - 11.6.1 Egypt Market Forecast
 - 11.6.2 South Africa Market Forecast
 - 11.6.3 Israel Market Forecast
 - 11.6.4 Turkey Market Forecast
 - 11.6.5 GCC Countries Market Forecast
- 11.7 Global Gamma Valerolactone (CAS 108-29-2) Forecast by Type
- 11.8 Global Gamma Valerolactone (CAS 108-29-2) Forecast by Application

12 KEY PLAYERS ANALYSIS

- 12.1 Anhui Hyea Aromas
 - 12.1.1 Company Details
 - 12.1.2 Gamma Valerolactone (CAS 108-29-2) Product Offered
- 12.1.3 Anhui Hyea Aromas Gamma Valerolactone (CAS 108-29-2) Sales, Revenue,

Price and Gross Margin (2016-2018)



- 12.1.4 Main Business Overview
- 12.1.5 Anhui Hyea Aromas News
- 12.2 Dideu Industries
 - 12.2.1 Company Details
 - 12.2.2 Gamma Valerolactone (CAS 108-29-2) Product Offered
- 12.2.3 Dideu Industries Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.2.4 Main Business Overview
 - 12.2.5 Dideu Industries News
- 12.3 Kunshan Qiandeng Baihua
 - 12.3.1 Company Details
 - 12.3.2 Gamma Valerolactone (CAS 108-29-2) Product Offered
 - 12.3.3 Kunshan Qiandeng Baihua Gamma Valerolactone (CAS 108-29-2) Sales,

Revenue, Price and Gross Margin (2016-2018)

- 12.3.4 Main Business Overview
- 12.3.5 Kunshan Qiandeng Baihua News
- 12.4 Zhongyue Aroma
 - 12.4.1 Company Details
 - 12.4.2 Gamma Valerolactone (CAS 108-29-2) Product Offered
- 12.4.3 Zhongyue Aroma Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.4.4 Main Business Overview
 - 12.4.5 Zhongyue Aroma News
- 12.5 Soda Aromatic
 - 12.5.1 Company Details
 - 12.5.2 Gamma Valerolactone (CAS 108-29-2) Product Offered
- 12.5.3 Soda Aromatic Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.5.4 Main Business Overview
 - 12.5.5 Soda Aromatic News
- 12.6 Inoue Perfumery MFG
 - 12.6.1 Company Details
 - 12.6.2 Gamma Valerolactone (CAS 108-29-2) Product Offered
 - 12.6.3 Inoue Perfumery MFG Gamma Valerolactone (CAS 108-29-2) Sales, Revenue,

Price and Gross Margin (2016-2018)

- 12.6.4 Main Business Overview
- 12.6.5 Inoue Perfumery MFG News

13 RESEARCH FINDINGS AND CONCLUSION







List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Gamma Valerolactone (CAS 108-29-2)

Table Product Specifications of Gamma Valerolactone (CAS 108-29-2)

Figure Gamma Valerolactone (CAS 108-29-2) Report Years Considered

Figure Market Research Methodology

Figure Global Gamma Valerolactone (CAS 108-29-2) Consumption Growth Rate 2013-2023 (Kg)

Figure Global Gamma Valerolactone (CAS 108-29-2) Value Growth Rate 2013-2023 (\$ Millions)

Table Gamma Valerolactone (CAS 108-29-2) Consumption CAGR by Region 2013-2023 (\$ Millions)

Figure Product Picture of Food Grade

Table Major Players of Food Grade

Figure Product Picture of Industrial Grade

Table Major Players of Industrial Grade

Table Global Consumption Sales by Type (2013-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type (2013-2018)

Figure Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type (2013-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Revenue by Type (2013-2018) (\$ million)

Table Global Gamma Valerolactone (CAS 108-29-2) Value Market Share by Type (2013-2018) (\$ Millions)

Figure Global Gamma Valerolactone (CAS 108-29-2) Value Market Share by Type (2013-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Sale Price by Type (2013-2018)

Figure Gamma Valerolactone (CAS 108-29-2) Consumed in Food Flavors

Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Food Flavors (2013-2018) (Kg)

Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Food Flavors (2013-2018) (\$ Millions)

Figure Global Food Flavors YoY Growth (\$ Millions)

Figure Gamma Valerolactone (CAS 108-29-2) Consumed in Solvent

Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Solvent (2013-2018) (Kg)

Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Solvent (2013-2018) (\$



Millions)

Figure Global Solvent YoY Growth (\$ Millions)

Figure Gamma Valerolactone (CAS 108-29-2) Consumed in Monomer Intermediate Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Monomer Intermediate (2013-2018) (Kg)

Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Monomer Intermediate (2013-2018) (\$ Millions)

Figure Global Monomer Intermediate YoY Growth (\$ Millions)

Figure Gamma Valerolactone (CAS 108-29-2) Consumed in Others

Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Others (2013-2018) (Kg)

Figure Global Gamma Valerolactone (CAS 108-29-2) Market: Others (2013-2018) (\$ Millions)

Figure Global Others YoY Growth (\$ Millions)

Table Global Consumption Sales by Application (2013-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application (2013-2018)

Figure Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application (2013-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Value by Application (2013-2018) Table Global Gamma Valerolactone (CAS 108-29-2) Value Market Share by Application (2013-2018)

Figure Global Gamma Valerolactone (CAS 108-29-2) Value Market Share by Application (2013-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Sale Price by Application (2013-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Sales by Players (2016-2018) (Kg) Table Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Players (2016-2018)

Figure Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Players in 2016

Figure Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Players in 2017

Table Global Gamma Valerolactone (CAS 108-29-2) Revenue by Players (2016-2018) (\$ Millions)

Table Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Players (2016-2018)

Figure Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Players in 2016

Figure Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by



Players in 2017

Table Global Gamma Valerolactone (CAS 108-29-2) Sale Price by Players (2016-2018) Figure Global Gamma Valerolactone (CAS 108-29-2) Sale Price by Players in 2017 Table Global Gamma Valerolactone (CAS 108-29-2) Manufacturing Base Distribution and Sales Area by Players

Table Players Gamma Valerolactone (CAS 108-29-2) Products Offered Table Gamma Valerolactone (CAS 108-29-2) Concentration Ratio (CR3, CR5 and CR10) (2016-2018)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption by Regions 2013-2018 (Kg)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Regions 2013-2018

Figure Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Regions 2013-2018

Table Global Gamma Valerolactone (CAS 108-29-2) Value by Regions 2013-2018 (\$ Millions)

Table Global Gamma Valerolactone (CAS 108-29-2) Value Market Share by Regions 2013-2018

Figure Global Gamma Valerolactone (CAS 108-29-2) Value Market Share by Regions 2013-2018

Figure Americas Gamma Valerolactone (CAS 108-29-2) Consumption 2013-2018 (Kg)

Figure Americas Gamma Valerolactone (CAS 108-29-2) Value 2013-2018 (\$ Millions)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Consumption 2013-2018 (Kg)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Value 2013-2018 (\$ Millions)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Consumption 2013-2018 (Kg)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Value 2013-2018 (\$ Millions)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption 2013-2018 (Kg)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Value 2013-2018 (\$ Millions)

Table Americas Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018) (Kg)

Table Americas Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Countries (2013-2018)

Figure Americas Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Countries in 2017

Table Americas Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018) (\$ Millions)

Table Americas Gamma Valerolactone (CAS 108-29-2) Value Market Share by



Countries (2013-2018)

Figure Americas Gamma Valerolactone (CAS 108-29-2) Value Market Share by Countries in 2017

Table Americas Gamma Valerolactone (CAS 108-29-2) Consumption by Type (2013-2018) (Kg)

Table Americas Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type (2013-2018)

Figure Americas Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type in 2017

Table Americas Gamma Valerolactone (CAS 108-29-2) Consumption by Application (2013-2018) (Kg)

Table Americas Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application (2013-2018)

Figure Americas Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application in 2017

Figure United States Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure United States Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Canada Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Canada Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Mexico Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Mexico Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Table APAC Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018) (Kg)

Table APAC Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Countries (2013-2018)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Countries in 2017

Table APAC Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018) (\$ Millions)

Table APAC Gamma Valerolactone (CAS 108-29-2) Value Market Share by Countries (2013-2018)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Value Market Share by Countries in 2017



Table APAC Gamma Valerolactone (CAS 108-29-2) Consumption by Type (2013-2018) (Kg)

Table APAC Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type (2013-2018)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type in 2017

Table APAC Gamma Valerolactone (CAS 108-29-2) Consumption by Application (2013-2018) (Kg)

Table APAC Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application (2013-2018)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application in 2017

Figure China Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure China Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Japan Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Japan Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Korea Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Korea Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Southeast Asia Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Southeast Asia Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure India Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure India Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Australia Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Australia Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Table Europe Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018) (Kg)

Table Europe Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by



Countries (2013-2018)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Countries in 2017

Table Europe Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018) (\$ Millions)

Table Europe Gamma Valerolactone (CAS 108-29-2) Value Market Share by Countries (2013-2018)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Value Market Share by Countries in 2017

Table Europe Gamma Valerolactone (CAS 108-29-2) Consumption by Type (2013-2018) (Kg)

Table Europe Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type (2013-2018)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type in 2017

Table Europe Gamma Valerolactone (CAS 108-29-2) Consumption by Application (2013-2018) (Kg)

Table Europe Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application (2013-2018)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application in 2017

Figure Germany Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Germany Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure France Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure France Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure UK Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg) Figure UK Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions) Figure Italy Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Italy Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions) Figure Russia Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Russia Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Spain Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018



(Kg)

Figure Spain Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption by Countries (2013-2018) (Kg)

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Countries (2013-2018)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Countries in 2017

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Value by Countries (2013-2018) (\$ Millions)

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Value Market Share by Countries (2013-2018)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Value Market Share by Countries in 2017

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption by Type (2013-2018) (Kg)

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type (2013-2018)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Type in 2017

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption by Application (2013-2018) (Kg)

Table Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application (2013-2018)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption Market Share by Application in 2017

Figure Egypt Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Egypt Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure South Africa Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure South Africa Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure Israel Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Israel Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)



Figure Turkey Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure Turkey Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Figure GCC Countries Gamma Valerolactone (CAS 108-29-2) Consumption Growth 2013-2018 (Kg)

Figure GCC Countries Gamma Valerolactone (CAS 108-29-2) Value Growth 2013-2018 (\$ Millions)

Table Gamma Valerolactone (CAS 108-29-2) Distributors List

Table Gamma Valerolactone (CAS 108-29-2) Customer List

Figure Global Gamma Valerolactone (CAS 108-29-2) Consumption Growth Rate Forecast (2018-2023) (Kg)

Figure Global Gamma Valerolactone (CAS 108-29-2) Value Growth Rate Forecast (2018-2023) (\$ Millions)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Forecast by Countries (2018-2023) (Kg)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Forecast by Regions

Table Global Gamma Valerolactone (CAS 108-29-2) Value Forecast by Countries (2018-2023) (\$ Millions)

Table Global Gamma Valerolactone (CAS 108-29-2) Value Market Share Forecast by Regions

Figure Americas Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure Americas Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure APAC Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure Europe Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure United States Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure United States Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure Canada Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure Canada Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure Mexico Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)



Figure Mexico Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)
Figure Brazil Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)
Figure Brazil Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)
Figure China Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)
Figure China Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)
Figure Japan Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)
Figure Japan Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)
Figure Korea Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)
Figure Korea Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)
Figure Southeast Asia Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure Southeast Asia Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure India Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure India Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure Australia Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Australia Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure Germany Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Germany Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure France Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure France Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure UK Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure UK Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure Italy Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Italy Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure Russia Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Russia Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure Spain Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Spain Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure Egypt Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Egypt Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure South Africa Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure South Africa Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Figure Israel Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Israel Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions) Figure Turkey Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg) Figure Turkey Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)



Figure GCC Countries Gamma Valerolactone (CAS 108-29-2) Consumption 2018-2023 (Kg)

Figure GCC Countries Gamma Valerolactone (CAS 108-29-2) Value 2018-2023 (\$ Millions)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Forecast by Type (2018-2023) (Kg)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share Forecast by Type (2018-2023)

Table Global Gamma Valerolactone (CAS 108-29-2) Value Forecast by Type (2018-2023) (\$ Millions)

Table Global Gamma Valerolactone (CAS 108-29-2) Value Market Share Forecast by Type (2018-2023)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Forecast by Application (2018-2023) (Kg)

Table Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Share Forecast by Application (2018-2023)

Table Global Gamma Valerolactone (CAS 108-29-2) Value Forecast by Application (2018-2023) (\$ Millions)

Table Global Gamma Valerolactone (CAS 108-29-2) Value Market Share Forecast by Application (2018-2023)

Table Anhui Hyea Aromas Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Anhui Hyea Aromas Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Anhui Hyea Aromas Gamma Valerolactone (CAS 108-29-2) Market Share (2016-2018)

Table Dideu Industries Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Dideu Industries Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Dideu Industries Gamma Valerolactone (CAS 108-29-2) Market Share (2016-2018)

Table Kunshan Qiandeng Baihua Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Kunshan Qiandeng Baihua Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Kunshan Qiandeng Baihua Gamma Valerolactone (CAS 108-29-2) Market Share (2016-2018)

Table Zhongyue Aroma Basic Information, Manufacturing Base, Sales Area and Its



Competitors

Table Zhongyue Aroma Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Zhongyue Aroma Gamma Valerolactone (CAS 108-29-2) Market Share (2016-2018)

Table Soda Aromatic Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Soda Aromatic Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Soda Aromatic Gamma Valerolactone (CAS 108-29-2) Market Share (2016-2018)

Table Inoue Perfumery MFG Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Inoue Perfumery MFG Gamma Valerolactone (CAS 108-29-2) Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Inoue Perfumery MFG Gamma Valerolactone (CAS 108-29-2) Market Share (2016-2018)



I would like to order

Product name: 2018-2023 Global Gamma Valerolactone (CAS 108-29-2) Consumption Market Report

Product link: https://marketpublishers.com/r/24C244FB2FAEN.html

Price: US\$ 4,660.00 (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/24C244FB2FAEN.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