

# Global Gamma Valerolactone (CAS 108-29-2) Market 2021 by Manufacturers, Regions, Type and Application, Forecast to 2026

<https://marketpublishers.com/r/G68DDCD3032EN.html>

Date: October 2021

Pages: 93

Price: US\$ 3,480.00 (Single User License)

ID: G68DDCD3032EN

## Abstracts

The Gamma Valerolactone (CAS 108-29-2) market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

According to our latest research, the global Gamma Valerolactone (CAS 108-29-2) size is estimated to be XX million in 2021 from USD 782 million in 2020, with a change of XX% between 2020 and 2021. The global Gamma Valerolactone (CAS 108-29-2) market size is expected to grow at a CAGR of -0.3% for the next five years.

### Market segmentation

Gamma Valerolactone (CAS 108-29-2) market is split by Type and by Application. For the period 2016-2026, the growth among segments provide accurate calculations and forecasts for sales by Type and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type, covers

Food Grade

Industrial Grade

Market segment by Application can be divided into

Food Flavors

Solvent

Monomer Intermediate

Others

The key market players for global Gamma Valerolactone (CAS 108-29-2) market are listed below:

Anhui Hyea Aromas

Dideu Industries

Kunshan Qiandeng Baihua

Zhongyue Aroma

Soda Aromatic

Inoue Perfumery MFG

Market segment by Region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 14 chapters:

Chapter 1, to describe Gamma Valerolactone (CAS 108-29-2) product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of Gamma Valerolactone (CAS 108-29-2), with price, sales, revenue and global market share of Gamma Valerolactone (CAS 108-29-2) from 2019 to 2021.

Chapter 3, the Gamma Valerolactone (CAS 108-29-2) competitive situation, sales, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gamma Valerolactone (CAS 108-29-2) breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2016 to 2026.

Chapter 5 and 6, to segment the sales by type and application, with sales market share and growth rate by type, application, from 2016 to 2026.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2016 to 2021. and Gamma Valerolactone (CAS 108-29-2) market forecast, by regions, type and application, with sales and revenue, from 2021 to 2026.

Chapter 12, 13 and 14, to describe Gamma Valerolactone (CAS 108-29-2) sales channel, distributors, customers, research findings and conclusion, appendix and data source.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Gamma Valerolactone (CAS 108-29-2) Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 Overview: Global Gamma Valerolactone (CAS 108-29-2) Revenue by Type: 2019 Versus 2021 Versus 2026
  - 1.2.2 Food Grade
  - 1.2.3 Industrial Grade
- 1.3 Market Analysis by Application
  - 1.3.1 Overview: Global Gamma Valerolactone (CAS 108-29-2) Revenue by Application: 2019 Versus 2021 Versus 2026
  - 1.3.2 Food Flavors
  - 1.3.3 Solvent
  - 1.3.4 Monomer Intermediate
  - 1.3.5 Others
- 1.4 Global Gamma Valerolactone (CAS 108-29-2) Market Size & Forecast
  - 1.4.1 Global Gamma Valerolactone (CAS 108-29-2) Sales in Value (2016-2026)
  - 1.4.2 Global Gamma Valerolactone (CAS 108-29-2) Sales in Volume (2016-2026)
  - 1.4.3 Global Gamma Valerolactone (CAS 108-29-2) Price by Type (2016-2026) & (K USD/Kg)
- 1.5 Global Gamma Valerolactone (CAS 108-29-2) Production Capacity Analysis
  - 1.5.1 Global Gamma Valerolactone (CAS 108-29-2) Total Production Capacity (2016-2026)
  - 1.5.2 Global Gamma Valerolactone (CAS 108-29-2) Production Capacity by Geographic Region
- 1.6 Market Drivers, Restraints and Trends
  - 1.6.1 Gamma Valerolactone (CAS 108-29-2) Market Drivers
  - 1.6.2 Gamma Valerolactone (CAS 108-29-2) Market Restraints
  - 1.6.3 Gamma Valerolactone (CAS 108-29-2) Trends Analysis

### 2 MANUFACTURERS PROFILES

- 2.1 Anhui Hyea Aromas
  - 2.1.1 Anhui Hyea Aromas Details
  - 2.1.2 Anhui Hyea Aromas Major Business
  - 2.1.3 Anhui Hyea Aromas Gamma Valerolactone (CAS 108-29-2) Product and Services

2.1.4 Anhui Hyea Aromas Gamma Valerolactone (CAS 108-29-2) Sales, Price, Revenue, Gross Margin and Market Share (2019-2021)

## 2.2 Dideu Industries

2.2.1 Dideu Industries Details

2.2.2 Dideu Industries Major Business

2.2.3 Dideu Industries Gamma Valerolactone (CAS 108-29-2) Product and Services

2.2.4 Dideu Industries Gamma Valerolactone (CAS 108-29-2) Sales, Price, Revenue, Gross Margin and Market Share (2019-2021)

## 2.3 Kunshan Qiandeng Baihua

2.3.1 Kunshan Qiandeng Baihua Details

2.3.2 Kunshan Qiandeng Baihua Major Business

2.3.3 Kunshan Qiandeng Baihua Gamma Valerolactone (CAS 108-29-2) Product and Services

2.3.4 Kunshan Qiandeng Baihua Gamma Valerolactone (CAS 108-29-2) Sales, Price, Revenue, Gross Margin and Market Share (2019-2021)

## 2.4 Zhongyue Aroma

2.4.1 Zhongyue Aroma Details

2.4.2 Zhongyue Aroma Major Business

2.4.3 Zhongyue Aroma Gamma Valerolactone (CAS 108-29-2) Product and Services

2.4.4 Zhongyue Aroma Gamma Valerolactone (CAS 108-29-2) Sales, Price, Revenue, Gross Margin and Market Share (2019-2021)

## 2.5 Soda Aromatic

2.5.1 Soda Aromatic Details

2.5.2 Soda Aromatic Major Business

2.5.3 Soda Aromatic Gamma Valerolactone (CAS 108-29-2) Product and Services

2.5.4 Soda Aromatic Gamma Valerolactone (CAS 108-29-2) Sales, Price, Revenue, Gross Margin and Market Share (2019-2021)

## 2.6 Inoue Perfumery MFG

2.6.1 Inoue Perfumery MFG Details

2.6.2 Inoue Perfumery MFG Major Business

2.6.3 Inoue Perfumery MFG Gamma Valerolactone (CAS 108-29-2) Product and Services

2.6.4 Inoue Perfumery MFG Gamma Valerolactone (CAS 108-29-2) Sales, Price, Revenue, Gross Margin and Market Share (2019-2021)

# 3 GAMMA VALEROLACTONE (CAS 108-29-2) SALES BY MANUFACTURER

3.1 Global Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Manufacturer (2019-2021e)

- 3.2 Global Gamma Valerolactone (CAS 108-29-2) Revenue by Manufacturer (2019-2021e)
- 3.3 Key Manufacturer Market Position in Gamma Valerolactone (CAS 108-29-2)
- 3.4 Market Concentration Rate
  - 3.4.1 Top 3 Gamma Valerolactone (CAS 108-29-2) Manufacturer Market Share
  - 3.4.2 Top 6 Gamma Valerolactone (CAS 108-29-2) Manufacturer Market Share
- 3.5 Global Gamma Valerolactone (CAS 108-29-2) Production Capacity by Company
- 3.6 Manufacturer by Geography: Head Office and Gamma Valerolactone (CAS 108-29-2) Production Site
- 3.7 New Entrant and Capacity Expansion Plans
- 3.8 Mergers & Acquisitions

## **4 MARKET ANALYSIS BY REGION**

- 4.1 Global Gamma Valerolactone (CAS 108-29-2) Market Size by Region
  - 4.1.1 Global Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Region (2016-2026)
  - 4.1.2 Global Gamma Valerolactone (CAS 108-29-2) Revenue by Region (2016-2026)
- 4.2 North America Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026)
- 4.3 Europe Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026)
- 4.4 Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026)
- 4.5 South America Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026)
- 4.6 Middle East and Africa Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Type (2016-2026)
- 5.2 Global Gamma Valerolactone (CAS 108-29-2) Revenue by Type (2016-2026)
- 5.3 Global Gamma Valerolactone (CAS 108-29-2) Price by Type (2016-2026)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Application (2016-2026)
- 6.2 Global Gamma Valerolactone (CAS 108-29-2) Revenue by Application (2016-2026)
- 6.3 Global Gamma Valerolactone (CAS 108-29-2) Price by Application (2016-2026)

## **7 NORTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION**

7.1 North America Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2026)

7.2 North America Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2026)

7.3 North America Gamma Valerolactone (CAS 108-29-2) Market Size by Country

7.3.1 North America Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Country (2016-2026)

7.3.2 North America Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2026)

7.3.3 United States Market Size and Forecast (2016-2026)

7.3.4 Canada Market Size and Forecast (2016-2026)

7.3.5 Mexico Market Size and Forecast (2016-2026)

## **8 EUROPE BY COUNTRY, BY TYPE, AND BY APPLICATION**

8.1 Europe Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2026)

8.2 Europe Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2026)

8.3 Europe Gamma Valerolactone (CAS 108-29-2) Market Size by Country

8.3.1 Europe Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Country (2016-2026)

8.3.2 Europe Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2026)

8.3.3 Germany Market Size and Forecast (2016-2026)

8.3.4 France Market Size and Forecast (2016-2026)

8.3.5 United Kingdom Market Size and Forecast (2016-2026)

8.3.6 Russia Market Size and Forecast (2016-2026)

8.3.7 Italy Market Size and Forecast (2016-2026)

## **9 ASIA-PACIFIC BY COUNTRY, BY TYPE, AND BY APPLICATION**

9.1 Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2026)

9.2 Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2026)

9.3 Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Market Size by Region

9.3.1 Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Region (2016-2026)

9.3.2 Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Revenue by Region (2016-2026)

9.3.3 China Market Size and Forecast (2016-2026)

- 9.3.4 Japan Market Size and Forecast (2016-2026)
- 9.3.5 Korea Market Size and Forecast (2016-2026)
- 9.3.6 India Market Size and Forecast (2016-2026)
- 9.3.7 Southeast Asia Market Size and Forecast (2016-2026)
- 9.3.8 Australia Market Size and Forecast (2016-2026)

## **10 SOUTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION**

- 10.1 South America Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2026)
- 10.2 South America Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2026)
- 10.3 South America Gamma Valerolactone (CAS 108-29-2) Market Size by Country
  - 10.3.1 South America Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Country (2016-2026)
  - 10.3.2 South America Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2026)
  - 10.3.3 Brazil Market Size and Forecast (2016-2026)
  - 10.3.4 Argentina Market Size and Forecast (2016-2026)

## **11 MIDDLE EAST & AFRICA BY COUNTRY, BY TYPE, AND BY APPLICATION**

- 11.1 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2026)
- 11.2 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2026)
- 11.3 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Market Size by Country
  - 11.3.1 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales in Volume by Country (2016-2026)
  - 11.3.2 Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2026)
  - 11.3.3 Turkey Market Size and Forecast (2016-2026)
  - 11.3.4 Egypt Market Size and Forecast (2016-2026)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2016-2026)
  - 11.3.6 South Africa Market Size and Forecast (2016-2026)

## **12 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

- 12.1 Sales Channel



12.1.1 Direct Marketing

12.1.2 Indirect Marketing

12.2 Gamma Valerolactone (CAS 108-29-2) Typical Distributors

12.3 Gamma Valerolactone (CAS 108-29-2) Typical Customers

## **13 RESEARCH FINDINGS AND CONCLUSION**

## **14 APPENDIX**

14.1 Methodology

14.2 Research Process and Data Source

14.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Type, (USD Million), 2021-2026

Table 2. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Application, (USD Million), 2021-2026

Table 3. Anhui Hyea Aromas Basic Information, Manufacturing Base and Competitors

Table 4. Anhui Hyea Aromas Major Business

Table 5. Anhui Hyea Aromas Gamma Valerolactone (CAS 108-29-2) Product and Services

Table 6. Anhui Hyea Aromas Gamma Valerolactone (CAS 108-29-2) Sales (Kg), Price (K USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2021e)

Table 7. Dideu Industries Basic Information, Manufacturing Base and Competitors

Table 8. Dideu Industries Major Business

Table 9. Dideu Industries Gamma Valerolactone (CAS 108-29-2) Product and Services

Table 10. Dideu Industries Gamma Valerolactone (CAS 108-29-2) Sales (Kg), Price (K USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2021e)

Table 11. Kunshan Qiandeng Baihua Basic Information, Manufacturing Base and Competitors

Table 12. Kunshan Qiandeng Baihua Major Business

Table 13. Kunshan Qiandeng Baihua Gamma Valerolactone (CAS 108-29-2) Product and Services

Table 14. Kunshan Qiandeng Baihua Gamma Valerolactone (CAS 108-29-2) Sales (Kg), Price (K USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2021e)

Table 15. Zhongyue Aroma Basic Information, Manufacturing Base and Competitors

Table 16. Zhongyue Aroma Major Business

Table 17. Zhongyue Aroma Gamma Valerolactone (CAS 108-29-2) Product and Services

Table 18. Zhongyue Aroma Gamma Valerolactone (CAS 108-29-2) Sales (Kg), Price (K USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2021e)

Table 19. Soda Aromatic Basic Information, Manufacturing Base and Competitors

Table 20. Soda Aromatic Major Business

Table 21. Soda Aromatic Gamma Valerolactone (CAS 108-29-2) Product and Services

Table 22. Soda Aromatic Gamma Valerolactone (CAS 108-29-2) Sales (Kg), Price (K USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2021e)

Table 23. Inoue Perfumery MFG Basic Information, Manufacturing Base and

## Competitors

Table 24. Inoue Perfumery MFG Major Business

Table 25. Inoue Perfumery MFG Gamma Valerolactone (CAS 108-29-2) Product and Services

Table 26. Inoue Perfumery MFG Gamma Valerolactone (CAS 108-29-2) Sales (Kg), Price (K USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2021e)

Table 27. Global Gamma Valerolactone (CAS 108-29-2) Sales by Manufacturer (2019-2021e) & (Kg)

Table 28. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Manufacturer (2019-2021e) & (USD Million)

Table 29. Market Position of Manufacturers in Gamma Valerolactone (CAS 108-29-2), (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2020

Table 30. Global Gamma Valerolactone (CAS 108-29-2) Production Capacity by Company, (Kg): 2020 VS 2021

Table 31. Head Office and Gamma Valerolactone (CAS 108-29-2) Production Site of Key Manufacturer

Table 32. Gamma Valerolactone (CAS 108-29-2) New Entrant and Capacity Expansion Plans

Table 33. Gamma Valerolactone (CAS 108-29-2) Mergers & Acquisitions in the Past Five Years

Table 34. Global Gamma Valerolactone (CAS 108-29-2) Sales by Region (2016-2021e) & (Kg)

Table 35. Global Gamma Valerolactone (CAS 108-29-2) Sales by Region (2021-2026) & (Kg)

Table 36. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Region (2016-2021e) & (USD Million)

Table 37. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Region (2021-2026) & (USD Million)

Table 38. Global Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2021e) & (Kg)

Table 39. Global Gamma Valerolactone (CAS 108-29-2) Sales by Type (2021-2026) & (Kg)

Table 40. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Type (2016-2021e) & (USD Million)

Table 41. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Type (2021-2026) & (USD Million)

Table 42. Global Gamma Valerolactone (CAS 108-29-2) Price by Type (2016-2021e) & (K USD/Kg)

Table 43. Global Gamma Valerolactone (CAS 108-29-2) Price by Type (2021-2026) & (K USD/Kg)

Table 44. Global Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2021e) & (Kg)

Table 45. Global Gamma Valerolactone (CAS 108-29-2) Sales by Application (2021-2026) & (Kg)

Table 46. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Application (2016-2021e) & (USD Million)

Table 47. Global Gamma Valerolactone (CAS 108-29-2) Revenue by Application (2021-2026) & (USD Million)

Table 48. Global Gamma Valerolactone (CAS 108-29-2) Price by Application (2016-2021e) & (K USD/Kg)

Table 49. Global Gamma Valerolactone (CAS 108-29-2) Price by Application (2021-2026) & (K USD/Kg)

Table 50. North America Gamma Valerolactone (CAS 108-29-2) Sales by Country (2016-2021e) & (Kg)

Table 51. North America Gamma Valerolactone (CAS 108-29-2) Sales by Country (2021-2026) & (Kg)

Table 52. North America Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2021e) & (USD Million)

Table 53. North America Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2021-2026) & (USD Million)

Table 54. North America Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2021e) & (Kg)

Table 55. North America Gamma Valerolactone (CAS 108-29-2) Sales by Type (2021-2026) & (Kg)

Table 56. North America Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2021e) & (Kg)

Table 57. North America Gamma Valerolactone (CAS 108-29-2) Sales by Application (2021-2026) & (Kg)

Table 58. Europe Gamma Valerolactone (CAS 108-29-2) Sales by Country (2016-2021e) & (Kg)

Table 59. Europe Gamma Valerolactone (CAS 108-29-2) Sales by Country (2021-2026) & (Kg)

Table 60. Europe Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2021e) & (USD Million)

Table 61. Europe Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2021-2026) & (USD Million)

Table 62. Europe Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2021e)

& (Kg)

Table 63. Europe Gamma Valerolactone (CAS 108-29-2) Sales by Type (2021-2026) & (Kg)

Table 64. Europe Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2021e) & (Kg)

Table 65. Europe Gamma Valerolactone (CAS 108-29-2) Sales by Application (2021-2026) & (Kg)

Table 66. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Region (2016-2021e) & (Kg)

Table 67. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Region (2021-2026) & (Kg)

Table 68. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Revenue by Region (2016-2021e) & (USD Million)

Table 69. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Revenue by Region (2021-2026) & (USD Million)

Table 70. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2021e) & (Kg)

Table 71. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Type (2021-2026) & (Kg)

Table 72. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2021e) & (Kg)

Table 73. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales by Application (2021-2026) & (Kg)

Table 74. South America Gamma Valerolactone (CAS 108-29-2) Sales by Country (2016-2021e) & (Kg)

Table 75. South America Gamma Valerolactone (CAS 108-29-2) Sales by Country (2021-2026) & (Kg)

Table 76. South America Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2021e) & (USD Million)

Table 77. South America Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2021-2026) & (USD Million)

Table 78. South America Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2021e) & (Kg)

Table 79. South America Gamma Valerolactone (CAS 108-29-2) Sales by Type (2021-2026) & (Kg)

Table 80. South America Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2021e) & (Kg)

Table 81. South America Gamma Valerolactone (CAS 108-29-2) Sales by Application (2021-2026) & (Kg)

Table 82. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Country (2016-2021e) & (Kg)

Table 83. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Country (2021-2026) & (Kg)

Table 84. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2016-2021e) & (USD Million)

Table 85. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Revenue by Country (2021-2026) & (USD Million)

Table 86. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Type (2016-2021e) & (Kg)

Table 87. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Type (2021-2026) & (Kg)

Table 88. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Application (2016-2021e) & (Kg)

Table 89. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales by Application (2021-2026) & (Kg)

Table 90. Direct Channel Pros & Cons

Table 91. Indirect Channel Pros & Cons

Table 92. Gamma Valerolactone (CAS 108-29-2) Typical Distributors

Table 93. Gamma Valerolactone (CAS 108-29-2) Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Gamma Valerolactone (CAS 108-29-2) Picture
- Figure 2. Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Type in 2020
- Figure 3. Food Grade
- Figure 4. Industrial Grade
- Figure 5. Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Application in 2020
- Figure 6. Food Flavors
- Figure 7. Solvent
- Figure 8. Monomer Intermediate
- Figure 9. Others
- Figure 10. Global Gamma Valerolactone (CAS 108-29-2) Market Size, (USD Million) & (Kg): 2020 VS 2021 VS 2026
- Figure 11. Global Gamma Valerolactone (CAS 108-29-2) Market Size and Forecast (2016-2026) & (USD Million)
- Figure 12. Global Gamma Valerolactone (CAS 108-29-2) Sales (2016-2026) & (Kg)
- Figure 13. Global Gamma Valerolactone (CAS 108-29-2) Price by Type (2016-2026) & (K USD/Kg)
- Figure 14. Global Gamma Valerolactone (CAS 108-29-2) Production Capacity (2016-2026) & (Kg)
- Figure 15. Global Gamma Valerolactone (CAS 108-29-2) Production Capacity by Geographic Region: 2020 VS 2021
- Figure 16. Gamma Valerolactone (CAS 108-29-2) Market Drivers
- Figure 17. Gamma Valerolactone (CAS 108-29-2) Market Restraints
- Figure 18. Gamma Valerolactone (CAS 108-29-2) Market Trends
- Figure 19. Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Manufacturer in 2020
- Figure 20. Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Manufacturer in 2020
- Figure 21. Gamma Valerolactone (CAS 108-29-2) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- Figure 22. Top 3 Gamma Valerolactone (CAS 108-29-2) Manufacturer (Revenue) Market Share in 2020
- Figure 23. Top 6 Gamma Valerolactone (CAS 108-29-2) Manufacturer (Revenue) Market Share in 2020

Figure 24. Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Region (2016-2026)

Figure 25. Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Region (2016-2026)

Figure 26. North America Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026) & (USD Million)

Figure 27. Europe Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026) & (USD Million)

Figure 28. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026) & (USD Million)

Figure 29. South America Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026) & (USD Million)

Figure 30. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Revenue (2016-2026) & (USD Million)

Figure 31. Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Type (2016-2026)

Figure 32. Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Type (2016-2026)

Figure 33. Global Gamma Valerolactone (CAS 108-29-2) Price by Type (2016-2026) & (K USD/Kg)

Figure 34. Global Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Application (2016-2026)

Figure 35. Global Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Application (2016-2026)

Figure 36. Global Gamma Valerolactone (CAS 108-29-2) Price by Application (2016-2026) & (K USD/Kg)

Figure 37. North America Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Type (2016-2026)

Figure 38. North America Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Application (2016-2026)

Figure 39. North America Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Country (2016-2026)

Figure 40. North America Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Country (2016-2026)

Figure 41. United States Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 42. Canada Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 43. Mexico Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate



(2016-2026) & (USD Million)

Figure 44. Europe Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Type (2016-2026)

Figure 45. Europe Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Application (2016-2026)

Figure 46. Europe Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Country (2016-2026)

Figure 47. Europe Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Country (2016-2026)

Figure 48. Germany Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 49. France Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 50. United Kingdom Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 51. Russia Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 52. Italy Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 53. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Region (2016-2026)

Figure 54. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Application (2016-2026)

Figure 55. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Region (2016-2026)

Figure 56. Asia-Pacific Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Region (2016-2026)

Figure 57. China Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 58. Japan Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 59. Korea Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 60. India Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 61. Southeast Asia Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 62. Australia Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 63. South America Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Type (2016-2026)

Figure 64. South America Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Application (2016-2026)

Figure 65. South America Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Country (2016-2026)

Figure 66. South America Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Country (2016-2026)

Figure 67. Brazil Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 68. Argentina Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 69. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Type (2016-2026)

Figure 70. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Application (2016-2026)

Figure 71. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Sales Market Share by Country (2016-2026)

Figure 72. Middle East & Africa Gamma Valerolactone (CAS 108-29-2) Revenue Market Share by Country (2016-2026)

Figure 73. Turkey Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 74. Egypt Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 75. Saudi Arabia Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 76. South Africa Gamma Valerolactone (CAS 108-29-2) Revenue and Growth Rate (2016-2026) & (USD Million)

Figure 77. Sales Channel: Direct Channel vs Indirect Channel

Figure 78. Methodology

Figure 79. Research Process and Data Source

## I would like to order

Product name: Global Gamma Valerolactone (CAS 108-29-2) Market 2021 by Manufacturers, Regions, Type and Application, Forecast to 2026

Product link: <https://marketpublishers.com/r/G68DDCD3032EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G68DDCD3032EN.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**

Customer 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

