

# Global ?-Valerolactone Market Growth 2023-2029

<https://marketpublishers.com/r/GF198F9F6326EN.html>

Date: March 2023

Pages: 92

Price: US\$ 3,660.00 (Single User License)

ID: GF198F9F6326EN

## Abstracts

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

LPI (LP Information)' newest research report, the “?-Valerolactone Industry Forecast” looks at past sales and reviews total world ?-Valerolactone sales in 2022, providing a comprehensive analysis by region and market sector of projected ?-Valerolactone sales for 2023 through 2029. With ?-Valerolactone sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world ?-Valerolactone industry.

This Insight Report provides a comprehensive analysis of the global ?-Valerolactone landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on ?-Valerolactone portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global ?-Valerolactone market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for ?-Valerolactone and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global ?-Valerolactone.

The global ?-Valerolactone market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for ?-Valerolactone is estimated to increase from US\$ million in

2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for  $\gamma$ -Valerolactone is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for  $\gamma$ -Valerolactone is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key  $\gamma$ -Valerolactone players cover BASF, Ube Industries, MYJ Chemical, Ningbo INNO Pharmchem, Skylead Pharmaceuticals & Chemicals, Penta Manufacturing and Zhejiang Boadge Chemical, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of  $\gamma$ -Valerolactone market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Assay: 98%

Assay: 99%

Segmentation by application

Coatings, Adhesives, Resin Additives

Pharmaceutical and Agrochemical Intermediates

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

BASF

Ube Industries

MYJ Chemical

Ningbo INNO Pharmchem

Skylead Pharmaceuticals & Chemicals

Penta Manufacturing

Zhejiang Boadge Chemical

Key Questions Addressed in this Report

What is the 10-year outlook for the global  $\gamma$ -Valerolactone market?

What factors are driving  $\gamma$ -Valerolactone market growth, globally and by region?

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

How do  $\gamma$ -Valerolactone market opportunities vary by end market size?

How does  $\gamma$ -Valerolactone break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global  $\gamma$ -Valerolactone Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for  $\gamma$ -Valerolactone by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for  $\gamma$ -Valerolactone by Country/Region, 2018, 2022 & 2029
- 2.2  $\gamma$ -Valerolactone Segment by Type
  - 2.2.1 Assay: 98%
  - 2.2.2 Assay: 99%
- 2.3  $\gamma$ -Valerolactone Sales by Type
  - 2.3.1 Global  $\gamma$ -Valerolactone Sales Market Share by Type (2018-2023)
  - 2.3.2 Global  $\gamma$ -Valerolactone Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global  $\gamma$ -Valerolactone Sale Price by Type (2018-2023)
- 2.4  $\gamma$ -Valerolactone Segment by Application
  - 2.4.1 Coatings, Adhesives, Resin Additives
  - 2.4.2 Pharmaceutical and Agrochemical Intermediates
- 2.5  $\gamma$ -Valerolactone Sales by Application
  - 2.5.1 Global  $\gamma$ -Valerolactone Sale Market Share by Application (2018-2023)
  - 2.5.2 Global  $\gamma$ -Valerolactone Revenue and Market Share by Application (2018-2023)
  - 2.5.3 Global  $\gamma$ -Valerolactone Sale Price by Application (2018-2023)

### 3 GLOBAL $\gamma$ -VALEROLACTONE BY COMPANY

- 3.1 Global  $\gamma$ -Valerolactone Breakdown Data by Company

- 3.1.1 Global  $\gamma$ -Valerolactone Annual Sales by Company (2018-2023)
- 3.1.2 Global  $\gamma$ -Valerolactone Sales Market Share by Company (2018-2023)
- 3.2 Global  $\gamma$ -Valerolactone Annual Revenue by Company (2018-2023)
  - 3.2.1 Global  $\gamma$ -Valerolactone Revenue by Company (2018-2023)
  - 3.2.2 Global  $\gamma$ -Valerolactone Revenue Market Share by Company (2018-2023)
- 3.3 Global  $\gamma$ -Valerolactone Sale Price by Company
- 3.4 Key Manufacturers  $\gamma$ -Valerolactone Producing Area Distribution, Sales Area, Product Type
  - 3.4.1 Key Manufacturers  $\gamma$ -Valerolactone Product Location Distribution
  - 3.4.2 Players  $\gamma$ -Valerolactone Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

## **4 WORLD HISTORIC REVIEW FOR $\gamma$ -VALEROLACTONE BY GEOGRAPHIC REGION**

- 4.1 World Historic  $\gamma$ -Valerolactone Market Size by Geographic Region (2018-2023)
  - 4.1.1 Global  $\gamma$ -Valerolactone Annual Sales by Geographic Region (2018-2023)
  - 4.1.2 Global  $\gamma$ -Valerolactone Annual Revenue by Geographic Region (2018-2023)
- 4.2 World Historic  $\gamma$ -Valerolactone Market Size by Country/Region (2018-2023)
  - 4.2.1 Global  $\gamma$ -Valerolactone Annual Sales by Country/Region (2018-2023)
  - 4.2.2 Global  $\gamma$ -Valerolactone Annual Revenue by Country/Region (2018-2023)
- 4.3 Americas  $\gamma$ -Valerolactone Sales Growth
- 4.4 APAC  $\gamma$ -Valerolactone Sales Growth
- 4.5 Europe  $\gamma$ -Valerolactone Sales Growth
- 4.6 Middle East & Africa  $\gamma$ -Valerolactone Sales Growth

## **5 AMERICAS**

- 5.1 Americas  $\gamma$ -Valerolactone Sales by Country
  - 5.1.1 Americas  $\gamma$ -Valerolactone Sales by Country (2018-2023)
  - 5.1.2 Americas  $\gamma$ -Valerolactone Revenue by Country (2018-2023)
- 5.2 Americas  $\gamma$ -Valerolactone Sales by Type
- 5.3 Americas  $\gamma$ -Valerolactone Sales by Application
- 5.4 United States
- 5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC ?-Valerolactone Sales by Region

6.1.1 APAC ?-Valerolactone Sales by Region (2018-2023)

6.1.2 APAC ?-Valerolactone Revenue by Region (2018-2023)

6.2 APAC ?-Valerolactone Sales by Type

6.3 APAC ?-Valerolactone Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe ?-Valerolactone by Country

7.1.1 Europe ?-Valerolactone Sales by Country (2018-2023)

7.1.2 Europe ?-Valerolactone Revenue by Country (2018-2023)

7.2 Europe ?-Valerolactone Sales by Type

7.3 Europe ?-Valerolactone Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa ?-Valerolactone by Country

8.1.1 Middle East & Africa ?-Valerolactone Sales by Country (2018-2023)

8.1.2 Middle East & Africa ?-Valerolactone Revenue by Country (2018-2023)

8.2 Middle East & Africa ?-Valerolactone Sales by Type

8.3 Middle East & Africa ?-Valerolactone Sales 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 & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of  $\gamma$ -Valerolactone

10.3 Manufacturing Process Analysis of  $\gamma$ -Valerolactone

10.4 Industry Chain Structure of  $\gamma$ -Valerolactone

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2  $\gamma$ -Valerolactone Distributors

11.3  $\gamma$ -Valerolactone Customer

## **12 WORLD FORECAST REVIEW FOR $\gamma$ -VALEROLACTONE BY GEOGRAPHIC REGION**

12.1 Global  $\gamma$ -Valerolactone Market Size Forecast by Region

12.1.1 Global  $\gamma$ -Valerolactone Forecast by Region (2024-2029)

12.1.2 Global  $\gamma$ -Valerolactone Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global  $\gamma$ -Valerolactone Forecast by Type

12.7 Global  $\gamma$ -Valerolactone Forecast by Application



## 13 KEY PLAYERS ANALYSIS

### 13.1 BASF

13.1.1 BASF Company Information

13.1.2 BASF  $\gamma$ -Valerolactone Product Portfolios and Specifications

13.1.3 BASF  $\gamma$ -Valerolactone Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 BASF Main Business Overview

13.1.5 BASF Latest Developments

### 13.2 Ube Industries

13.2.1 Ube Industries Company Information

13.2.2 Ube Industries  $\gamma$ -Valerolactone Product Portfolios and Specifications

13.2.3 Ube Industries  $\gamma$ -Valerolactone Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 Ube Industries Main Business Overview

13.2.5 Ube Industries Latest Developments

### 13.3 MYJ Chemical

13.3.1 MYJ Chemical Company Information

13.3.2 MYJ Chemical  $\gamma$ -Valerolactone Product Portfolios and Specifications

13.3.3 MYJ Chemical  $\gamma$ -Valerolactone Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 MYJ Chemical Main Business Overview

13.3.5 MYJ Chemical Latest Developments

### 13.4 Ningbo INNO Pharmchem

13.4.1 Ningbo INNO Pharmchem Company Information

13.4.2 Ningbo INNO Pharmchem  $\gamma$ -Valerolactone Product Portfolios and Specifications

13.4.3 Ningbo INNO Pharmchem  $\gamma$ -Valerolactone Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Ningbo INNO Pharmchem Main Business Overview

13.4.5 Ningbo INNO Pharmchem Latest Developments

### 13.5 Skylead Pharmaceuticals & Chemicals

13.5.1 Skylead Pharmaceuticals & Chemicals Company Information

13.5.2 Skylead Pharmaceuticals & Chemicals  $\gamma$ -Valerolactone Product Portfolios and Specifications

13.5.3 Skylead Pharmaceuticals & Chemicals  $\gamma$ -Valerolactone Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Skylead Pharmaceuticals & Chemicals Main Business Overview

13.5.5 Skylead Pharmaceuticals & Chemicals Latest Developments

### 13.6 Penta Manufacturing

- 13.6.1 Penta Manufacturing Company Information
- 13.6.2 Penta Manufacturing  $\gamma$ -Valerolactone Product Portfolios and Specifications
- 13.6.3 Penta Manufacturing  $\gamma$ -Valerolactone Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.6.4 Penta Manufacturing Main Business Overview
- 13.6.5 Penta Manufacturing Latest Developments
- 13.7 Zhejiang Boadge Chemical
  - 13.7.1 Zhejiang Boadge Chemical Company Information
  - 13.7.2 Zhejiang Boadge Chemical  $\gamma$ -Valerolactone Product Portfolios and Specifications
  - 13.7.3 Zhejiang Boadge Chemical  $\gamma$ -Valerolactone Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 Zhejiang Boadge Chemical Main Business Overview
  - 13.7.5 Zhejiang Boadge Chemical Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. ?-Valerolactone Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. ?-Valerolactone Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Assay: 98%

Table 4. Major Players of Assay: 99%

Table 5. Global ?-Valerolactone Sales by Type (2018-2023) & (MT)

Table 6. Global ?-Valerolactone Sales Market Share by Type (2018-2023)

Table 7. Global ?-Valerolactone Revenue by Type (2018-2023) & (\$ million)

Table 8. Global ?-Valerolactone Revenue Market Share by Type (2018-2023)

Table 9. Global ?-Valerolactone Sale Price by Type (2018-2023) & (US\$/MT)

Table 10. Global ?-Valerolactone Sales by Application (2018-2023) & (MT)

Table 11. Global ?-Valerolactone Sales Market Share by Application (2018-2023)

Table 12. Global ?-Valerolactone Revenue by Application (2018-2023)

Table 13. Global ?-Valerolactone Revenue Market Share by Application (2018-2023)

Table 14. Global ?-Valerolactone Sale Price by Application (2018-2023) & (US\$/MT)

Table 15. Global ?-Valerolactone Sales by Company (2018-2023) & (MT)

Table 16. Global ?-Valerolactone Sales Market Share by Company (2018-2023)

Table 17. Global ?-Valerolactone Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global ?-Valerolactone Revenue Market Share by Company (2018-2023)

Table 19. Global ?-Valerolactone Sale Price by Company (2018-2023) & (US\$/MT)

Table 20. Key Manufacturers ?-Valerolactone Producing Area Distribution and Sales Area

Table 21. Players ?-Valerolactone Products Offered

Table 22. ?-Valerolactone Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global ?-Valerolactone Sales by Geographic Region (2018-2023) & (MT)

Table 26. Global ?-Valerolactone Sales Market Share Geographic Region (2018-2023)

Table 27. Global ?-Valerolactone Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global ?-Valerolactone Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global ?-Valerolactone Sales by Country/Region (2018-2023) & (MT)

Table 30. Global ?-Valerolactone Sales Market Share by Country/Region (2018-2023)

- Table 31. Global  $\gamma$ -Valerolactone Revenue by Country/Region (2018-2023) & (\$ millions)
- Table 32. Global  $\gamma$ -Valerolactone Revenue Market Share by Country/Region (2018-2023)
- Table 33. Americas  $\gamma$ -Valerolactone Sales by Country (2018-2023) & (MT)
- Table 34. Americas  $\gamma$ -Valerolactone Sales Market Share by Country (2018-2023)
- Table 35. Americas  $\gamma$ -Valerolactone Revenue by Country (2018-2023) & (\$ Millions)
- Table 36. Americas  $\gamma$ -Valerolactone Revenue Market Share by Country (2018-2023)
- Table 37. Americas  $\gamma$ -Valerolactone Sales by Type (2018-2023) & (MT)
- Table 38. Americas  $\gamma$ -Valerolactone Sales by Application (2018-2023) & (MT)
- Table 39. APAC  $\gamma$ -Valerolactone Sales by Region (2018-2023) & (MT)
- Table 40. APAC  $\gamma$ -Valerolactone Sales Market Share by Region (2018-2023)
- Table 41. APAC  $\gamma$ -Valerolactone Revenue by Region (2018-2023) & (\$ Millions)
- Table 42. APAC  $\gamma$ -Valerolactone Revenue Market Share by Region (2018-2023)
- Table 43. APAC  $\gamma$ -Valerolactone Sales by Type (2018-2023) & (MT)
- Table 44. APAC  $\gamma$ -Valerolactone Sales by Application (2018-2023) & (MT)
- Table 45. Europe  $\gamma$ -Valerolactone Sales by Country (2018-2023) & (MT)
- Table 46. Europe  $\gamma$ -Valerolactone Sales Market Share by Country (2018-2023)
- Table 47. Europe  $\gamma$ -Valerolactone Revenue by Country (2018-2023) & (\$ Millions)
- Table 48. Europe  $\gamma$ -Valerolactone Revenue Market Share by Country (2018-2023)
- Table 49. Europe  $\gamma$ -Valerolactone Sales by Type (2018-2023) & (MT)
- Table 50. Europe  $\gamma$ -Valerolactone Sales by Application (2018-2023) & (MT)
- Table 51. Middle East & Africa  $\gamma$ -Valerolactone Sales by Country (2018-2023) & (MT)
- Table 52. Middle East & Africa  $\gamma$ -Valerolactone Sales Market Share by Country (2018-2023)
- Table 53. Middle East & Africa  $\gamma$ -Valerolactone Revenue by Country (2018-2023) & (\$ Millions)
- Table 54. Middle East & Africa  $\gamma$ -Valerolactone Revenue Market Share by Country (2018-2023)
- Table 55. Middle East & Africa  $\gamma$ -Valerolactone Sales by Type (2018-2023) & (MT)
- Table 56. Middle East & Africa  $\gamma$ -Valerolactone Sales by Application (2018-2023) & (MT)
- Table 57. Key Market Drivers & Growth Opportunities of  $\gamma$ -Valerolactone
- Table 58. Key Market Challenges & Risks of  $\gamma$ -Valerolactone
- Table 59. Key Industry Trends of  $\gamma$ -Valerolactone
- Table 60.  $\gamma$ -Valerolactone Raw Material
- Table 61. Key Suppliers of Raw Materials
- Table 62.  $\gamma$ -Valerolactone Distributors List
- Table 63.  $\gamma$ -Valerolactone Customer List

Table 64. Global  $\gamma$ -Valerolactone Sales Forecast by Region (2024-2029) & (MT)

Table 65. Global  $\gamma$ -Valerolactone Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 66. Americas  $\gamma$ -Valerolactone Sales Forecast by Country (2024-2029) & (MT)

Table 67. Americas  $\gamma$ -Valerolactone Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 68. APAC  $\gamma$ -Valerolactone Sales Forecast by Region (2024-2029) & (MT)

Table 69. APAC  $\gamma$ -Valerolactone Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 70. Europe  $\gamma$ -Valerolactone Sales Forecast by Country (2024-2029) & (MT)

Table 71. Europe  $\gamma$ -Valerolactone Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 72. Middle East & Africa  $\gamma$ -Valerolactone Sales Forecast by Country (2024-2029) & (MT)

Table 73. Middle East & Africa  $\gamma$ -Valerolactone Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 74. Global  $\gamma$ -Valerolactone Sales Forecast by Type (2024-2029) & (MT)

Table 75. Global  $\gamma$ -Valerolactone Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 76. Global  $\gamma$ -Valerolactone Sales Forecast by Application (2024-2029) & (MT)

Table 77. Global  $\gamma$ -Valerolactone Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 78. BASF Basic Information,  $\gamma$ -Valerolactone Manufacturing Base, Sales Area and Its Competitors

Table 79. BASF  $\gamma$ -Valerolactone Product Portfolios and Specifications

Table 80. BASF  $\gamma$ -Valerolactone Sales (MT), Revenue (\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 81. BASF Main Business

Table 82. BASF Latest Developments

Table 83. Ube Industries Basic Information,  $\gamma$ -Valerolactone Manufacturing Base, Sales Area and Its Competitors

Table 84. Ube Industries  $\gamma$ -Valerolactone Product Portfolios and Specifications

Table 85. Ube Industries  $\gamma$ -Valerolactone Sales (MT), Revenue (\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 86. Ube Industries Main Business

Table 87. Ube Industries Latest Developments

Table 88. MYJ Chemical Basic Information,  $\gamma$ -Valerolactone Manufacturing Base, Sales Area and Its Competitors

Table 89. MYJ Chemical  $\gamma$ -Valerolactone Product Portfolios and Specifications

Table 90. MYJ Chemical  $\gamma$ -Valerolactone Sales (MT), Revenue (\$ Million), Price

(US\$/MT) and Gross Margin (2018-2023)

Table 91. MYJ Chemical Main Business

Table 92. MYJ Chemical Latest Developments

Table 93. Ningbo INNO Pharmchem Basic Information,  $\gamma$ -Valerolactone Manufacturing Base, Sales Area and Its Competitors

Table 94. Ningbo INNO Pharmchem  $\gamma$ -Valerolactone Product Portfolios and Specifications

Table 95. Ningbo INNO Pharmchem  $\gamma$ -Valerolactone Sales (MT), Revenue (\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 96. Ningbo INNO Pharmchem Main Business

Table 97. Ningbo INNO Pharmchem Latest Developments

Table 98. Skylead Pharmaceuticals & Chemicals Basic Information,  $\gamma$ -Valerolactone Manufacturing Base, Sales Area and Its Competitors

Table 99. Skylead Pharmaceuticals & Chemicals  $\gamma$ -Valerolactone Product Portfolios and Specifications

Table 100. Skylead Pharmaceuticals & Chemicals  $\gamma$ -Valerolactone Sales (MT), Revenue (\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 101. Skylead Pharmaceuticals & Chemicals Main Business

Table 102. Skylead Pharmaceuticals & Chemicals Latest Developments

Table 103. Penta Manufacturing Basic Information,  $\gamma$ -Valerolactone Manufacturing Base, Sales Area and Its Competitors

Table 104. Penta Manufacturing  $\gamma$ -Valerolactone Product Portfolios and Specifications

Table 105. Penta Manufacturing  $\gamma$ -Valerolactone Sales (MT), Revenue (\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 106. Penta Manufacturing Main Business

Table 107. Penta Manufacturing Latest Developments

Table 108. Zhejiang Boadge Chemical Basic Information,  $\gamma$ -Valerolactone Manufacturing Base, Sales Area and Its Competitors

Table 109. Zhejiang Boadge Chemical  $\gamma$ -Valerolactone Product Portfolios and Specifications

Table 110. Zhejiang Boadge Chemical  $\gamma$ -Valerolactone Sales (MT), Revenue (\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 111. Zhejiang Boadge Chemical Main Business

Table 112. Zhejiang Boadge Chemical Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of  $\gamma$ -Valerolactone
- Figure 2.  $\gamma$ -Valerolactone Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global  $\gamma$ -Valerolactone Sales Growth Rate 2018-2029 (MT)
- Figure 7. Global  $\gamma$ -Valerolactone Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8.  $\gamma$ -Valerolactone Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Assay: 98%
- Figure 10. Product Picture of Assay: 99%
- Figure 11. Global  $\gamma$ -Valerolactone Sales Market Share by Type in 2022
- Figure 12. Global  $\gamma$ -Valerolactone Revenue Market Share by Type (2018-2023)
- Figure 13.  $\gamma$ -Valerolactone Consumed in Coatings, Adhesives, Resin Additives
- Figure 14. Global  $\gamma$ -Valerolactone Market: Coatings, Adhesives, Resin Additives (2018-2023) & (MT)
- Figure 15.  $\gamma$ -Valerolactone Consumed in Pharmaceutical and Agrochemical Intermediates
- Figure 16. Global  $\gamma$ -Valerolactone Market: Pharmaceutical and Agrochemical Intermediates (2018-2023) & (MT)
- Figure 17. Global  $\gamma$ -Valerolactone Sales Market Share by Application (2022)
- Figure 18. Global  $\gamma$ -Valerolactone Revenue Market Share by Application in 2022
- Figure 19.  $\gamma$ -Valerolactone Sales Market by Company in 2022 (MT)
- Figure 20. Global  $\gamma$ -Valerolactone Sales Market Share by Company in 2022
- Figure 21.  $\gamma$ -Valerolactone Revenue Market by Company in 2022 (\$ Million)
- Figure 22. Global  $\gamma$ -Valerolactone Revenue Market Share by Company in 2022
- Figure 23. Global  $\gamma$ -Valerolactone Sales Market Share by Geographic Region (2018-2023)
- Figure 24. Global  $\gamma$ -Valerolactone Revenue Market Share by Geographic Region in 2022
- Figure 25. Americas  $\gamma$ -Valerolactone Sales 2018-2023 (MT)
- Figure 26. Americas  $\gamma$ -Valerolactone Revenue 2018-2023 (\$ Millions)
- Figure 27. APAC  $\gamma$ -Valerolactone Sales 2018-2023 (MT)
- Figure 28. APAC  $\gamma$ -Valerolactone Revenue 2018-2023 (\$ Millions)
- Figure 29. Europe  $\gamma$ -Valerolactone Sales 2018-2023 (MT)
- Figure 30. Europe  $\gamma$ -Valerolactone Revenue 2018-2023 (\$ Millions)

- Figure 31. Middle East & Africa  $\gamma$ -Valerolactone Sales 2018-2023 (MT)
- Figure 32. Middle East & Africa  $\gamma$ -Valerolactone Revenue 2018-2023 (\$ Millions)
- Figure 33. Americas  $\gamma$ -Valerolactone Sales Market Share by Country in 2022
- Figure 34. Americas  $\gamma$ -Valerolactone Revenue Market Share by Country in 2022
- Figure 35. Americas  $\gamma$ -Valerolactone Sales Market Share by Type (2018-2023)
- Figure 36. Americas  $\gamma$ -Valerolactone Sales Market Share by Application (2018-2023)
- Figure 37. United States  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 38. Canada  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 39. Mexico  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 40. Brazil  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 41. APAC  $\gamma$ -Valerolactone Sales Market Share by Region in 2022
- Figure 42. APAC  $\gamma$ -Valerolactone Revenue Market Share by Regions in 2022
- Figure 43. APAC  $\gamma$ -Valerolactone Sales Market Share by Type (2018-2023)
- Figure 44. APAC  $\gamma$ -Valerolactone Sales Market Share by Application (2018-2023)
- Figure 45. China  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 46. Japan  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 47. South Korea  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 48. Southeast Asia  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 49. India  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 50. Australia  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 51. China Taiwan  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 52. Europe  $\gamma$ -Valerolactone Sales Market Share by Country in 2022
- Figure 53. Europe  $\gamma$ -Valerolactone Revenue Market Share by Country in 2022
- Figure 54. Europe  $\gamma$ -Valerolactone Sales Market Share by Type (2018-2023)
- Figure 55. Europe  $\gamma$ -Valerolactone Sales Market Share by Application (2018-2023)
- Figure 56. Germany  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 57. France  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 58. UK  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 59. Italy  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 60. Russia  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 61. Middle East & Africa  $\gamma$ -Valerolactone Sales Market Share by Country in 2022
- Figure 62. Middle East & Africa  $\gamma$ -Valerolactone Revenue Market Share by Country in 2022
- Figure 63. Middle East & Africa  $\gamma$ -Valerolactone Sales Market Share by Type (2018-2023)
- Figure 64. Middle East & Africa  $\gamma$ -Valerolactone Sales Market Share by Application (2018-2023)
- Figure 65. Egypt  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 66. South Africa  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)



- Figure 67. Israel  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 68. Turkey  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 69. GCC Country  $\gamma$ -Valerolactone Revenue Growth 2018-2023 (\$ Millions)
- Figure 70. Manufacturing Cost Structure Analysis of  $\gamma$ -Valerolactone in 2022
- Figure 71. Manufacturing Process Analysis of  $\gamma$ -Valerolactone
- Figure 72. Industry Chain Structure of  $\gamma$ -Valerolactone
- Figure 73. Channels of Distribution
- Figure 74. Global  $\gamma$ -Valerolactone Sales Market Forecast by Region (2024-2029)
- Figure 75. Global  $\gamma$ -Valerolactone Revenue Market Share Forecast by Region (2024-2029)
- Figure 76. Global  $\gamma$ -Valerolactone Sales Market Share Forecast by Type (2024-2029)
- Figure 77. Global  $\gamma$ -Valerolactone Revenue Market Share Forecast by Type (2024-2029)
- Figure 78. Global  $\gamma$ -Valerolactone Sales Market Share Forecast by Application (2024-2029)
- Figure 79. Global  $\gamma$ -Valerolactone Revenue Market Share Forecast by Application (2024-2029)

## I would like to order

Product name: Global ?-Valerolactone Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GF198F9F6326EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](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/GF198F9F6326EN.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