

2019-2024 Global and Regional D-amino Acid Industry Production, Sales and Consumption Status and Prospects Professional Market Research Report

<https://marketpublishers.com/r/2BC8B8946BFEN.html>

Date: December 2018

Pages: 131

Price: US\$ 3,500.00 (Single User License)

ID: 2BC8B8946BFEN

Abstracts

HNY Research projects that the D-amino Acid market size will grow from XX Million USD in 2018 to XX Million USD by 2024, at an estimated CAGR of XX %. The base year considered for the study is 2017, and the market size is projected from 2018 to 2023.

Amino acids are compounds whose molecules encompass amine group (-NH₂) and carboxyl group (-COOH). D-amino acid is a class of unnatural amino acids. It is a constituent of natural peptides produced primarily by microorganisms, using the non-ribosomal mechanism of synthesis. D-amino acid is a component of certain peptide antibiotics and is present in walls of certain microorganisms. D-amino acids are chiral form of L-amino acids. They are widely used in pharmaceutical synthesis (medicine and pesticides), food, animal feed, etc. The global D-amino acid market is expected to expand at a significant pace during the forecast period, driven by the increase in demand for D-amino acid in the pharmaceutical industry.

By Market Players:

Evonik Industries AG, Central Drug House (P) Ltd., Zhangjiagang Huachang Pharmaceutical Co. Ltd., Sichuan Tongsheng Amino acid Co., Ltd, Sekisui Medical Co. Ltd, Kyowa Hakkon Kirin Co. Ltd, AnaSpec, Inc., Tokyo Chemical Industry Co., Ltd., YONEYAMA YAKUHIN KOGYO CO., LTD., Varsal Chemicals

By Product

D-Alanine, D-Glutamic Acid, D-Aspartic Acid, D-Methionine, D-Threonine, D-Tryptophan, D-Leucine, D-Phenylalanine, Others (D-Histidine, D-Proline, D-Serine, etc.)

By End-use Industry

Food & Beverages, Pharmaceutical, Cosmetics, Animal Feed, Others (Research Institutes, Laboratories, etc.)

The prime objective of this report is to help the user understand the market in terms of its definition, segmentation, market potential, influential trends, and the challenges that the market is facing. Deep researches and analysis were done during the preparation of the report. The readers will find this report very helpful in understanding the market in depth. The data and the information regarding the market are taken from reliable sources such as websites, annual reports of the companies, journals, and others and were checked and validated by the industry experts. The facts and data are represented in the report using diagrams, graphs, pie charts, and other pictorial representations. This enhances the visual representation and also helps in understanding the facts much better.

Points Covered in The Report:

The points that are discussed within the report are the major market players that are involved in the market such as manufacturers, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. The historical data from 2012 to 2017 and forecast data from 2018 to 2023.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by manufacturer, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

Key Reasons to Purchase

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

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

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

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

To understand the future outlook and prospects for the market.

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

Contents

CHAPTER 1 INDUSTRY OVERVIEW

- 1.1 Definition
- 1.2 Brief Introduction by Major Product
 - 1.2.1 D-Alanine
 - 1.2.2 D-Glutamic Acid
 - 1.2.3 D-Aspartic Acid
 - 1.2.4 D-Methionine
 - 1.2.5 D-Threonine
 - 1.2.6D-Tryptophan
 - 1.2.7D-Leucine
 - 1.2.8D-Phenylalanine
 - 1.2.9Others (D-Histidine, D-Proline, D-Serine, etc.)
- 1.3 Brief Introduction by Major End-use Industry
 - 1.3.1 Food & Beverages
 - 1.3.2 Pharmaceutical
 - 1.3.3 Cosmetics
 - 1.3.4 Animal Feed
 - 1.3.5 Others (Research Institutes, Laboratories, etc.)
 - 1.3.6
 - 1.3.7
 - 1.3.8
 - 1.3.9
- 1.4 Brief Introduction by Major Regions
 - 1.4.1 United States
 - 1.4.2 Europe
 - 1.4.3 China
 - 1.4.4 Japan
 - 1.4.5 India
- 1.5 Brief Introduction by Major
 - 1.5.1
 - 1.5.2
 - 1.5.3
 - 1.5.4
 - 1.5.5
 - 1.5.6
 - 1.5.7

1.5.8

1.5.9

1.6 Brief Introduction by Major

1.6.1

1.6.2

1.6.3

1.6.4

1.6.5

1.6.6

1.6.7

1.6.8

1.6.9

1.7 Brief Introduction by Major

1.7.1

1.7.2

1.7.3

1.7.4

1.7.5

1.7.6

1.7.7

1.7.8

1.7.9

1.8 Brief Introduction by Major

1.8.1

1.8.2

1.8.3

1.8.4

1.8.5

1.8.6

1.8.7

1.8.8

1.8.9

CHAPTER 2 PRODUCTION MARKET ANALYSIS

2.1 Global Production Market Analysis

2.1.1 2013-2018 Global Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin Analysis

2.1.2 2013-2018 Major Manufacturers Performance and Market Share

2.2 Regional Production Market Analysis

2.2.1 2013-2018 Regional Market Performance and Market Share

2.2.2 United States Market

2.2.3 Europe Market

2.2.4 China Market

2.2.5 Japan Market

2.2.6 India Market

2.2.7 Market

CHAPTER 3 SALES MARKET ANALYSIS

3.1 Global Sales Market Analysis

3.1.1 2013-2018 Global Sales Volume, Sales Price and Sales Revenue Analysis

3.1.2 2013-2018 Major Manufacturers Performance and Market Share

3.2 Regional Sales Market Analysis

3.2.1 2013-2018 Regional Market Performance and Market Share

3.2.2 United States Market

3.2.3 Europe Market

3.2.4 China Market

3.2.5 Japan Market

3.2.6 India Market

3.2.7 Market

CHAPTER 4 CONSUMPTION MARKET ANALYSIS

4.1 Global Consumption Market Analysis

4.1.1 2013-2018 Global Consumption Volume Analysis

4.2 Regional Consumption Market Analysis

4.2.1 2013-2018 Regional Market Performance and Market Share

4.2.2 United States Market

4.2.3 Europe Market

4.2.4 China Market

4.2.5 Japan Market

4.2.6 India Market

4.2.7 Market

CHAPTER 5 PRODUCTION, SALES AND CONSUMPTION MARKET COMPARISON ANALYSIS

- 5.1 Global Production, Sales and Consumption Market Comparison Analysis
- 5.2 Regional Production, Sales Volume and Consumption Volume Market Comparison Analysis
 - 5.2.1 United States
 - 5.2.2 Europe
 - 5.2.3 China
 - 5.2.4 Japan
 - 5.2.5 India
 - 5.2.6

CHAPTER 6 MAJOR MANUFACTURERS PRODUCTION AND SALES MARKET COMPARISON ANALYSIS

- 6.1 Global Major Manufacturers Production and Sales Market Comparison Analysis
 - 6.1.1 2013-2018 Global Major Manufacturers Production and Sales Market Comparison
- 6.2 Regional Major Manufacturers Production and Sales Market Comparison Analysis
 - 6.2.1 United States
 - 6.2.2 Europe
 - 6.2.3 China
 - 6.2.4 Japan
 - 6.2.5 India
 - 6.2.6

CHAPTER 7 MAJOR PRODUCT ANALYSIS

- 7.1 2013-2018 Major Product Market Share
- 7.2 D-Alanine
- 7.3 D-Glutamic Acid
- 7.4 D-Aspartic Acid
- 7.5 D-Methionine
- 7.6 D-Threonine
- 7.7D-Tryptophan
- 7.8D-Leucine
- 7.9D-Phenylalanine
- 7.10Others (D-Histidine, D-Proline, D-Serine, etc.)

CHAPTER 8 MAJOR END-USE INDUSTRY ANALYSIS

8.1 2013-2018 Major End-use Industry Market Share

8.2 Food & Beverages

8.2.1 2013-2018 Sales Analysis

8.3 Pharmaceutical

8.3.1 2013-2018 Sales Analysis

8.4 Cosmetics

8.4.1 2013-2018 Sales Analysis

8.5 Animal Feed

8.5.1 2013-2018 Sales Analysis

8.6 Others (Research Institutes, Laboratories, etc.)

8.6.1 2013-2018 Sales Analysis

8.7

8.7.1 2013-2018 Sales Analysis

8.8

8.8.1 2013-2018 Sales Analysis

8.9

8.9.1 2013-2018 Sales Analysis

8.10

8.11.1 2013-2018 Sales Analysis

CHAPTER 9 INDUSTRY CHAIN ANALYSIS

9.1 Up Stream Industries Analysis

9.1.1 Raw Material and Suppliers

9.1.2 Equipment and Suppliers

9.2 Manufacturing Analysis

9.2.1 Manufacturing Process

9.2.2 Manufacturing Cost Structure

9.2.3 Manufacturing Plants Distribution Analysis

9.3 Industry Chain Structure Analysis

CHAPTER 10 GLOBAL AND REGIONAL MARKET FORECAST

10.1 Production Market Forecast

10.1.1 Global Market Forecast

10.1.2 Major Region Forecast

10.2 Sales Market Forecast

10.2.1 Global Market Forecast

10.2.2 Major Classification Forecast

10.3 Consumption Market Forecast

10.3.1 Global Market Forecast

10.3.2 Major Region Forecast

10.3.3 Major Application Forecast

CHAPTER 11 MAJOR MANUFACTURERS ANALYSIS

11.1 Evonik Industries AG

11.1.1 Company Introduction

11.1.2 Product Specification and Major Types Analysis

11.1.3 2013-2018 Production Market Performance

11.1.4 2013-2018 Sales Market Performance

11.1.5 Contact Information

11.2 Central Drug House (P) Ltd.

11.2.1 Company Introduction

11.2.2 Product Specification and Major Types Analysis

11.2.3 2013-2018 Production Market Performance

11.2.4 2013-2018 Sales Market Performance

11.2.5 Contact Information

11.3 Zhangjiagang Huachang Pharmaceutical Co. Ltd.

11.3.1 Company Introduction

11.3.2 Product Specification and Major Types Analysis

11.3.3 2013-2018 Production Market Performance

11.3.4 2013-2018 Sales Market Performance

11.3.5 Contact Information

11.4 Sichuan Tongsheng Amino acid Co., Ltd

11.4.1 Company Introduction

11.4.2 Product Specification and Major Types Analysis

11.4.3 2013-2018 Production Market Performance

11.4.4 2013-2018 Sales Market Performance

11.4.5 Contact Information

11.5 Sekisui Medical Co. Ltd

11.5.1 Company Introduction

11.5.2 Product Specification and Major Types Analysis

11.5.3 2013-2018 Production Market Performance

11.5.4 2013-2018 Sales Market Performance

11.5.5 Contact Information

11.6 Kyowa Hakkon Kirin Co. Ltd

11.6.1 Company Introduction

- 11.6.2 Product Specification and Major Types Analysis
- 11.6.3 2013-2018 Production Market Performance
- 11.6.4 2013-2018 Sales Market Performance
- 11.6.5 Contact Information
- 11.7 AnaSpec, Inc.
 - 11.7.1 Company Introduction
 - 11.7.2 Product Specification and Major Types Analysis
 - 11.7.3 2013-2018 Production Market Performance
 - 11.7.4 2013-2018 Sales Market Performance
 - 11.7.5 Contact Information
- 11.8 Tokyo Chemical Industry Co., Ltd.
 - 11.8.1 Company Introduction
 - 11.8.2 Product Specification and Major Types Analysis
 - 11.8.3 2013-2018 Production Market Performance
 - 11.8.4 2013-2018 Sales Market Performance
 - 11.8.5 Contact Information
- 11.9 YONEYAMA YAKUHIN KOGYO CO., LTD.
 - 11.9.1 Company Introduction
 - 11.9.2 Product Specification and Major Types Analysis
 - 11.9.3 2013-2018 Production Market Performance
 - 11.9.4 2013-2018 Sales Market Performance
 - 11.9.5 Contact Information
- 11.10 Varsal Chemicals
 - 11.10.1 Company Introduction
 - 11.10.2 Product Specification and Major Types Analysis
 - 11.10.3 2013-2018 Production Market Performance
 - 11.10.4 2013-2018 Sales Market Performance
 - 11.10.5 Contact Information
- 11.11
 - 11.11.1 Company Introduction
 - 11.11.2 Product Specification and Major Types Analysis
 - 11.11.3 2013-2018 Production Market Performance
 - 11.11.4 2013-2018 Sales Market Performance
 - 11.11.5 Contact Information
- 11.12
 - 11.12.1 Company Introduction
 - 11.12.2 Product Specification and Major Types Analysis
 - 11.12.3 2013-2018 Production Market Performance
 - 11.12.4 2013-2018 Sales Market Performance

11.12.5 Contact Information

11.13

11.13.1 Company Introduction

11.13.2 Product Specification and Major Types Analysis

11.13.3 2013-2018 Production Market Performance

11.13.4 2013-2018 Sales Market Performance

11.13.5 Contact Information

11.14

11.14.1 Company Introduction

11.14.2 Product Specification and Major Types Analysis

11.14.3 2013-2018 Production Market Performance

11.14.4 2013-2018 Sales Market Performance

11.14.5 Contact Information

11.15

11.15.1 Company Introduction

11.15.2 Product Specification and Major Types Analysis

11.15.3 2013-2018 Production Market Performance

11.15.4 2013-2018 Sales Market Performance

11.15.5 Contact Information

11.16

11.16.1 Company Introduction

11.16.2 Product Specification and Major Types Analysis

11.16.3 2013-2018 Production Market Performance

11.16.4 2013-2018 Sales Market Performance

11.16.5 Contact Information

11.17

11.17.1 Company Introduction

11.17.2 Product Specification and Major Types Analysis

11.17.3 2013-2018 Production Market Performance

11.17.4 2013-2018 Sales Market Performance

11.17.5 Contact Information

11.18

11.18.1 Company Introduction

11.18.2 Product Specification and Major Types Analysis

11.18.3 2013-2018 Production Market Performance

11.18.4 2013-2018 Sales Market Performance

11.18.5 Contact Information

11.19

11.19.1 Company Introduction

- 11.19.2 Product Specification and Major Types Analysis
- 11.19.3 2013-2018 Production Market Performance
- 11.19.4 2013-2018 Sales Market Performance
- 11.19.5 Contact Information
- 11.20
 - 11.20.1 Company Introduction
 - 11.20.2 Product Specification and Major Types Analysis
 - 11.20.3 2013-2018 Production Market Performance
 - 11.20.4 2013-2018 Sales Market Performance
 - 11.20.5 Contact Information
- 11.21
 - 11.21.1 Company Introduction
 - 11.21.2 Product Specification and Major Types Analysis
 - 11.21.3 2013-2018 Production Market Performance
 - 11.21.4 2013-2018 Sales Market Performance
 - 11.21.5 Contact Information
- 11.22
 - 11.22.1 Company Introduction
 - 11.22.2 Product Specification and Major Types Analysis
 - 11.22.3 2013-2018 Production Market Performance
 - 11.22.4 2013-2018 Sales Market Performance
 - 11.22.5 Contact Information
- 11.23
 - 11.23.1 Company Introduction
 - 11.23.2 Product Specification and Major Types Analysis
 - 11.23.3 2013-2018 Production Market Performance
 - 11.23.4 2013-2018 Sales Market Performance
 - 11.23.5 Contact Information
- 11.24
 - 11.24.1 Company Introduction
 - 11.24.2 Product Specification and Major Types Analysis
 - 11.24.3 2013-2018 Production Market Performance
 - 11.24.4 2013-2018 Sales Market Performance
 - 11.24.5 Contact Information
- 11.25
 - 11.25.1 Company Introduction
 - 11.25.2 Product Specification and Major Types Analysis
 - 11.25.3 2013-2018 Production Market Performance
 - 11.25.4 2013-2018 Sales Market Performance

11.25.5 Contact Information

11.26

11.26.1 Company Introduction

11.26.2 Product Specification and Major Types Analysis

11.26.3 2013-2018 Production Market Performance

11.26.4 2013-2018 Sales Market Performance

11.26.5 Contact Information

11.27

11.27.1 Company Introduction

11.27.2 Product Specification and Major Types Analysis

11.27.3 2013-2018 Production Market Performance

11.27.4 2013-2018 Sales Market Performance

11.27.5 Contact Information

11.28

11.28.1 Company Introduction

11.28.2 Product Specification and Major Types Analysis

11.28.3 2013-2018 Production Market Performance

11.28.4 2013-2018 Sales Market Performance

11.28.5 Contact Information

11.29

11.29.1 Company Introduction

11.29.2 Product Specification and Major Types Analysis

11.29.3 2013-2018 Production Market Performance

11.29.4 2013-2018 Sales Market Performance

11.29.5 Contact Information

11.30

11.30.1 Company Introduction

11.30.2 Product Specification and Major Types Analysis

11.30.3 2013-2018 Production Market Performance

11.30.4 2013-2018 Sales Market Performance

11.30.5 Contact Information

11.31

11.31.1 Company Introduction

11.31.2 Product Specification and Major Types Analysis

11.31.3 2013-2018 Production Market Performance

11.31.4 2013-2018 Sales Market Performance

11.31.5 Contact Information

11.32

11.32.1 Company Introduction

- 11.32.2 Product Specification and Major Types Analysis
- 11.32.3 2013-2018 Production Market Performance
- 11.32.4 2013-2018 Sales Market Performance
- 11.32.5 Contact Information
- 11.33
 - 11.33.1 Company Introduction
 - 11.33.2 Product Specification and Major Types Analysis
 - 11.33.3 2013-2018 Production Market Performance
 - 11.33.4 2013-2018 Sales Market Performance
 - 11.33.5 Contact Information
- 11.34
 - 11.34.1 Company Introduction
 - 11.34.2 Product Specification and Major Types Analysis
 - 11.34.3 2013-2018 Production Market Performance
 - 11.34.4 2013-2018 Sales Market Performance
 - 11.34.5 Contact Information
- 11.35
 - 11.35.1 Company Introduction
 - 11.35.2 Product Specification and Major Types Analysis
 - 11.35.3 2013-2018 Production Market Performance
 - 11.35.4 2013-2018 Sales Market Performance
 - 11.35.5 Contact Information
- 11.36
 - 11.36.1 Company Introduction
 - 11.36.2 Product Specification and Major Types Analysis
 - 11.36.3 2013-2018 Production Market Performance
 - 11.36.4 2013-2018 Sales Market Performance
 - 11.36.5 Contact Information
- 11.37
 - 11.37.1 Company Introduction
 - 11.37.2 Product Specification and Major Types Analysis
 - 11.37.3 2013-2018 Production Market Performance
 - 11.37.4 2013-2018 Sales Market Performance
 - 11.37.5 Contact Information
- 11.38
 - 11.38.1 Company Introduction
 - 11.38.2 Product Specification and Major Types Analysis
 - 11.38.3 2013-2018 Production Market Performance
 - 11.38.4 2013-2018 Sales Market Performance

11.38.5 Contact Information

11.39

11.39.1 Company Introduction

11.39.2 Product Specification and Major Types Analysis

11.39.3 2013-2018 Production Market Performance

11.39.4 2013-2018 Sales Market Performance

11.39.5 Contact Information

11.40

11.40.1 Company Introduction

11.40.2 Product Specification and Major Types Analysis

11.40.3 2013-2018 Production Market Performance

11.40.4 2013-2018 Sales Market Performance

11.40.5 Contact Information

CHAPTER 12 NEW PROJECT INVESTMENT FEASIBILITY ANALYSIS

12.1 New Project SWOT Analysis

12.2 New Project Investment Feasibility Analysis

CHAPTER 13 CONCLUSIONS

CHAPTER 14 APPENDIX

Author List

Disclosure Section

Research Methodology

Data Source

Interview List

Global Disclaimer

List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture
Figure Major Classification Market Share
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Volume and Growth Rate
Figure Major Application Market Share
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Consumption Volume and Growth Rate
Figure 2013-2018 Consumption Volume and Growth Rate
Figure 2013-2018 Consumption Volume and Growth Rate
Figure 2013-2018 Consumption Volume and Growth Rate
Figure 2013-2018 Consumption Volume and Growth Rate
Table 2013-2018 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2013-2018 Capacity, Production and Growth Rate
Figure 2013-2018 Capacity, Production and Capacity Utilization Rate
Figure 2013-2018 Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Capacity and Total Capacity
Table 2013-2018 Major Manufacturers Capacity Market Share
Table 2013-2018 Major Manufacturers Production and Total Production
Table 2013-2018 Major Manufacturers Production Market Share
Table 2013-2018 Major Manufacturers Revenue and Total Revenue
Table 2013-2018 Major Manufacturers Revenue Market Share
Table 2013-2018 Regional Market Capacity and Market Share
Table 2013-2018 Regional Market Production and Market Share
Table 2013-2018 Regional Market Revenue and Market Share
Table 2013-2018 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2013-2018 Capacity, Production and Growth Rate
Figure 2013-2018 Capacity, Production and Capacity Utilization Rate
Figure 2013-2018 Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Capacity and Total Capacity
Table 2013-2018 Major Manufacturers Capacity Market Share

Table 2013-2018 Major Manufacturers Production and Total Production
Table 2013-2018 Major Manufacturers Production Market Share
Table 2013-2018 Major Manufacturers Revenue and Total Revenue
Table 2013-2018 Major Manufacturers Revenue Market Share
Table 2013-2018 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2013-2018 Capacity, Production and Growth Rate
Figure 2013-2018 Capacity, Production and Capacity Utilization Rate
Figure 2013-2018 Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Capacity and Total Capacity
Table 2013-2018 Major Manufacturers Capacity Market Share
Table 2013-2018 Major Manufacturers Production and Total Production
Table 2013-2018 Major Manufacturers Production Market Share
Table 2013-2018 Major Manufacturers Revenue and Total Revenue
Table 2013-2018 Major Manufacturers Revenue Market Share
Table 2013-2018 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2013-2018 Capacity, Production and Growth Rate
Figure 2013-2018 Capacity, Production and Capacity Utilization Rate
Figure 2013-2018 Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Capacity and Total Capacity
Table 2013-2018 Major Manufacturers Capacity Market Share
Table 2013-2018 Major Manufacturers Production and Total Production
Table 2013-2018 Major Manufacturers Production Market Share
Table 2013-2018 Major Manufacturers Revenue and Total Revenue
Table 2013-2018 Major Manufacturers Revenue Market Share
Table 2013-2018 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2013-2018 Capacity, Production and Growth Rate
Figure 2013-2018 Capacity, Production and Capacity Utilization Rate
Figure 2013-2018 Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Capacity and Total Capacity
Table 2013-2018 Major Manufacturers Capacity Market Share
Table 2013-2018 Major Manufacturers Production and Total Production
Table 2013-2018 Major Manufacturers Production Market Share
Table 2013-2018 Major Manufacturers Revenue and Total Revenue
Table 2013-2018 Major Manufacturers Revenue Market Share
Table 2013-2018 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin

Figure 2013-2018 Capacity, Production and Growth Rate
Figure 2013-2018 Capacity, Production and Capacity Utilization Rate
Figure 2013-2018 Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Capacity and Total Capacity
Table 2013-2018 Major Manufacturers Capacity Market Share
Table 2013-2018 Major Manufacturers Production and Total Production
Table 2013-2018 Major Manufacturers Production Market Share
Table 2013-2018 Major Manufacturers Revenue and Total Revenue
Table 2013-2018 Major Manufacturers Revenue Market Share
Table 2013-2018 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2013-2018 Capacity, Production and Growth Rate
Figure 2013-2018 Capacity, Production and Capacity Utilization Rate
Figure 2013-2018 Revenue and Growth Rate
Table 2013-2018 Sales Volume, Sales Price and Sales Revenue
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Sales Volume and Total Sales Volume
Table 2013-2018 Major Manufacturers Sales Volume Market Share
Table 2013-2018 Major Manufacturers Sales Revenue and Total Revenue
Table 2013-2018 Major Manufacturers Sales Revenue Market Share
Table 2013-2018 Regional Market Sales Volume and Market Share
Table 2013-2018 Regional Market Sales Revenue and Market Share
Table 2013-2018 Sales Volume, Sales Price and Sales Revenue
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Sales Volume and Total Sales Volume
Table 2013-2018 Major Manufacturers Sales Volume Market Share
Table 2013-2018 Major Manufacturers Sales Revenue and Total Sales Revenue
Table 2013-2018 Major Manufacturers Sales Revenue Market Share
Table 2013-2018 Supply and Export
Table 2013-2018 Sales Volume, Sales Price and Sales Revenue
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Sales Volume and Total Sales Volume
Table 2013-2018 Major Manufacturers Sales Volume Market Share
Table 2013-2018 Major Manufacturers Sales Revenue and Total Sales Revenue
Table 2013-2018 Major Manufacturers Sales Revenue Market Share
Table 2013-2018 Supply and Export

Table 2013-2018 Sales Volume, Sales Price and Sales Revenue
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Sales Volume and Total Sales Volume
Table 2013-2018 Major Manufacturers Sales Volume Market Share
Table 2013-2018 Major Manufacturers Sales Revenue and Total Sales Revenue
Table 2013-2018 Major Manufacturers Sales Revenue Market Share
Table 2013-2018 Supply and Export
Table 2013-2018 Sales Volume, Sales Price and Sales Revenue
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Sales Volume and Total Sales Volume
Table 2013-2018 Major Manufacturers Sales Volume Market Share
Table 2013-2018 Major Manufacturers Sales Revenue and Total Sales Revenue
Table 2013-2018 Major Manufacturers Sales Revenue Market Share
Table 2013-2018 Supply and Export
Table 2013-2018 Sales Volume, Sales Price and Sales Revenue
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Sales Volume and Total Sales Volume
Table 2013-2018 Major Manufacturers Sales Volume Market Share
Table 2013-2018 Major Manufacturers Sales Revenue and Total Sales Revenue
Table 2013-2018 Major Manufacturers Sales Revenue Market Share
Table 2013-2018 Supply and Export
Table 2013-2018 Sales Volume, Sales Price and Sales Revenue
Figure 2013-2018 Sales Volume and Growth Rate
Figure 2013-2018 Sales Revenue and Growth Rate
Table 2013-2018 Major Manufacturers Sales Volume and Total Sales Volume
Table 2013-2018 Major Manufacturers Sales Volume Market Share
Table 2013-2018 Major Manufacturers Sales Revenue and Total Sales Revenue
Table 2013-2018 Major Manufacturers Sales Revenue Market Share
Table 2013-2018 Supply and Export
Figure 2013-2018 Consumption Volume and Growth Rate
Table 2013-2018 Regional Market Consumption Volume and Market Share
Figure 2013-2018 Consumption Volume and Growth Rate
Table 2013-2018 Import and Consumption
Figure 2013-2018 Consumption Volume and Growth Rate
Table 2013-2018 Import and Consumption
Figure 2013-2018 Consumption Volume and Growth Rate
Table 2013-2018 Import and Consumption
Figure 2013-2018 Consumption Volume and Growth Rate
Table 2013-2018 Import and Consumption
Figure 2013-2018 Consumption Volume and Growth Rate

Table 2013-2018 Import and Consumption
Figure 2013-2018 Consumption Volume and Growth Rate
Table 2013-2018 Import and Consumption
Figure 2013-2018 Global Production, Sales Volume and Consumption Volume Market Comparison
Figure 2013-2018 Ex-Factory Price and Sales Price Comparison
Figure 2013-2018 Production, Sales Volume and Consumption Volume Comparison
Figure 2013-2018 Ex-Factory Price and Sales Price Comparison
Figure 2013-2018 Production, Sales Volume and Consumption Volume Comparison
Figure 2013-2018 Ex-Factory Price and Sales Price Comparison
Figure 2013-2018 Production, Sales Volume and Consumption Volume Comparison
Figure 2013-2018 Ex-Factory Price and Sales Price Comparison
Figure 2013-2018 Production, Sales Volume and Consumption Volume Comparison
Figure 2013-2018 Ex-Factory Price and Sales Price Comparison
Figure 2013-2018 Production, Sales Volume and Consumption Volume Comparison
Figure 2013-2018 Ex-Factory Price and Sales Price Comparison
Figure 2013-2018 Production, Sales Volume and Consumption Volume Comparison
Figure 2013-2018 Ex-Factory Price and Sales Price Comparison
Table 2013-2018 Global Major Manufacturers Capacity List
Table 2013-2018 Global Major Manufacturers Capacity Share List
Table 2013-2018 Global Major Manufacturers Production List
Table 2013-2018 Global Major Manufacturers Production Share List
Table 2013-2018 Global Major Manufacturers Sales Volume List
Table 2013-2018 Global Major Manufacturers Sales Volume Share List
Table 2013-2018 Global Major Manufacturers Ex-Factory Price List
Table 2013-2018 Global Major Manufacturers Sales Price List
Table 2013-2018 Global Major Manufacturers Cost List
Table 2013-2018 Global Major Manufacturers Gross List
Table 2013-2018 Global Major Manufacturers Gross Margin List
Table 2013-2018 Europe Major Manufacturers Capacity List
Table 2013-2018 Europe Major Manufacturers Capacity Share List
Table 2013-2018 Europe Major Manufacturers Production List
Table 2013-2018 Europe Major Manufacturers Production Share List
Table 2013-2018 Europe Major Manufacturers Sales Volume List
Table 2013-2018 Europe Major Manufacturers Sales Volume Share List
Table 2013-2018 Europe Major Manufacturers Ex-Factory Price List
Table 2013-2018 Europe Major Manufacturers Sales Price List
Table 2013-2018 Europe Major Manufacturers Cost List
Table 2013-2018 Europe Major Manufacturers Gross List

Table 2013-2018 Europe Major Manufacturers Gross Margin List
Table 2013-2018 North American Major Manufacturers Capacity List
Table 2013-2018 North American Major Manufacturers Capacity Share List
Table 2013-2018 North American Major Manufacturers Production List
Table 2013-2018 North American Major Manufacturers Production Share List
Table 2013-2018 North American Major Manufacturers Sales Volume List
Table 2013-2018 North American Major Manufacturers Sales Volume Share List
Table 2013-2018 North American Major Manufacturers Ex-Factory Price List
Table 2013-2018 North American Major Manufacturers Sales Price List
Table 2013-2018 North American Major Manufacturers Cost List
Table 2013-2018 North American Major Manufacturers Gross List
Table 2013-2018 North American Major Manufacturers Gross Margin List
Table 2013-2018 China Major Manufacturers Capacity List
Table 2013-2018 China Major Manufacturers Capacity Share List
Table 2013-2018 China Major Manufacturers Production List
Table 2013-2018 China Major Manufacturers Production Share List
Table 2013-2018 China Major Manufacturers Sales Volume List
Table 2013-2018 China Major Manufacturers Sales Volume Share List
Table 2013-2018 China Major Manufacturers Ex-Factory Price List
Table 2013-2018 China Major Manufacturers Sales Price List
Table 2013-2018 China Major Manufacturers Cost List
Table 2013-2018 China Major Manufacturers Gross List
Table 2013-2018 China Major Manufacturers Gross Margin List
Table 2013-2018 Japan Major Manufacturers Capacity List
Table 2013-2018 Japan Major Manufacturers Capacity Share List
Table 2013-2018 Japan Major Manufacturers Production List
Table 2013-2018 Japan Major Manufacturers Production Share List
Table 2013-2018 Japan Major Manufacturers Sales Volume List
Table 2013-2018 Japan Major Manufacturers Sales Volume Share List
Table 2013-2018 Japan Major Manufacturers Ex-Factory Price List
Table 2013-2018 Japan Major Manufacturers Sales Price List
Table 2013-2018 Japan Major Manufacturers Cost List
Table 2013-2018 Japan Major Manufacturers Gross List
Table 2013-2018 Japan Major Manufacturers Gross Margin List
Table 2013-2018 Southeast Asia Major Manufacturers Capacity List
Table 2013-2018 Southeast Asia Major Manufacturers Capacity Share List
Table 2013-2018 Southeast Asia Major Manufacturers Production List
Table 2013-2018 Southeast Asia Major Manufacturers Production Share List
Table 2013-2018 Southeast Asia Major Manufacturers Sales Volume List

Table 2013-2018 Southeast Asia Major Manufacturers Sales Volume Share List

Table 2013-2018 Southeast Asia Major Manufacturers Ex-Factory Price List

Table 2013-2018 Southeast Asia Major Manufacturers Sales Price List

Table 2013-2018 Southeast Asia Major Manufacturers Cost List

Table 2013-2018 Southeast Asia Major Manufacturers Gross List

Table 2013-2018 Southeast Asia Major Manufacturers Gross Margin List

I would like to order

Product name: 2019-2024 Global and Regional D-amino Acid Industry Production, Sales and Consumption Status and Prospects Professional Market Research Report

Product link: <https://marketpublishers.com/r/2BC8B8946BFEN.html>

Price: US\$ 3,500.00 (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/2BC8B8946BFEN.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

