

# 2017-2025 World L- Cysteine Market Research Report (by Product Type, End-User/Application and Regions/Countries)

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## Abstracts

### SUMMARY

Cysteine (abbreviated as Cys or C) is an  $\alpha$ -amino acid with the chemical formula  $\text{HO}_2\text{CCH}(\text{NH}_2)\text{CH}_2\text{SH}$ . It is a semi-essential amino acid, which means that it can be biosynthesized in humans. The thiol side chain in cysteine often participates in enzymatic reactions, serving as a nucleophile. The thiol is susceptible to oxidization to give the disulfide derivative cysteine, which serves an important structural role in many proteins. When used as a food additive, it has the E number E920. The majority of L-cysteine is obtained industrially by hydrolysis of animal materials, such as poultry feathers or hog hair. L-cysteine is produced by the hydrolysis of racemic 2-amino- $\alpha$ -thiazoline-4-carboxylic acid using *Pseudomonas thiazolinophilum*.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for L- Cysteine , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

L- Cysteine market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

#### By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

#### By Type

Food Grade

Tech Grade

Pharma Grade

#### By End-User / Application

Food Industry

Pharmaceutical Industry

Cosmetics Industry

Animal Feed

#### By Company

Wacker

Nippon Rika

Ajinomoto

Ningbo Zhenhai Haide Biochem

Wuhan Grand Hoyo

Wuxi Bikang

Donboo Amino Acid

## Contents

### **1 MARKET DEFINITION**

- 1.1 Market Segment Overview
- 1.2 by Type
- 1.3 by End-Use / Application

### **2 GLOBAL MARKET BY VENDORS**

- 2.1 Market Share
- 2.2 Vendor Profile
- 2.3 Dynamic of Vendors

### **3 GLOBAL MARKET BY TYPE**

- 3.1 Market Share
- 3.2 Introduction of End-Use by Different Products

### **4 GLOBAL MARKET BY END-USE / APPLICATION**

- 4.1 Market Share
- 4.2 Overview of Consumption Characteristics
  - 4.2.1 Preference Driven
  - 4.2.2 Substitutability
  - 4.2.3 Influence by Strategy
  - 4.2.4 Professional Needs

### **5 GLOBAL MARKET BY REGIONS**

- 5.1 Market Share
- 5.2 Regional Market Growth
  - 5.2.1 North America
  - 5.2.2 Europe
  - 5.2.3 Asia-Pacific
  - 5.2.4 South America
  - 5.2.5 Middle East & Africa

### **6 NORTH AMERICA MARKET**

- 6.1 by Type
- 6.2 by End-Use / Application
- 6.3 by Regions

## **7 EUROPE MARKET**

- 7.1 by Type
- 7.2 by End-Use / Application
- 7.3 by Regions

## **8 ASIA-PACIFIC MARKET**

- 8.1 by Type
- 8.2 by End-Use / Application
- 8.3 by Regions

## **9 SOUTH AMERICA MARKET**

- 9.1 by Type
- 9.2 by End-Use / Application
- 9.3 by Regions

## **10 MIDDLE EAST & AFRICA MARKET**

- 10.1 by Type
- 10.2 by End-Use / Application
- 10.3 by Regions

## **11 MARKET FORECAST**

- 11.1 Global Market Forecast (2020-2025)
- 11.2 Market Forecast by Regions (2020-2025)
- 11.3 Market Forecast by Type (2020-2025)
- 11.4 Market Forecast by End-Use / Application (2020-2025)

## **12 KEY MANUFACTURERS**

### **12.ALPHABET WACKER**

- 12.1.2 Company Overview
- 12.1.2 Product and End-User / Application
- 12.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 12.2 Nippon Rika
- 12.3 Ajinomoto
- 12.4 Ningbo Zhenhai Haide Biochem
- 12.5 Wuhan Grand Hoyo
- 12.6 Wuxi Bikang
- 12.7 Donboo Amino Acid

## **13 PRICE OVERVIEW**

- 13.1 Price Segment
- 13.2 Price Trend

## **14 RESEARCH CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global L- Cysteine Market and Growth by Type  
Table Global L- Cysteine Market and Growth by End-Use / Application  
Table Global L- Cysteine Revenue (Million USD) by Vendors (2017-2019)  
Table Global L- Cysteine Revenue Share by Vendors (2017-2019)  
Table Global L- Cysteine Market Volume (Volume) by Vendors (2017-2019)  
Table Global L- Cysteine Market Volume Share by Vendors (2017-2019)  
Table Headquarter, Factories & Sales Regions Comparison of Vendors  
Table Product List of Vendors  
Table Global L- Cysteine Market (Million USD) by Type (2017-2019)  
Table Global L- Cysteine Market Share by Type (2017-2019)  
Table Global L- Cysteine Market Volume (Volume) by Type (2017-2019)  
Table Global L- Cysteine Market Volume Share by Type (2017-2019)  
Table Global L- Cysteine Market (Million USD) by End-Use / Application (2017-2019)  
Table Global L- Cysteine Market Share by End-Use / Application (2017-2019)  
Table Global L- Cysteine Market Volume (Volume) by End-Use / Application (2017-2019)  
Table Global L- Cysteine Market Volume Share by End-Use / Application (2017-2019)  
Table Global L- Cysteine Market (Million USD) by Regions (2017-2019)  
Table Global L- Cysteine Market Share by Regions (2017-2019)  
Table Global L- Cysteine Market Volume (Volume) by Regions (2017-2019)  
Table Global L- Cysteine Market Volume Share by Regions (2017-2019)  
Table North America L- Cysteine Market (Million USD) by Type (2017-2019)  
Table North America L- Cysteine Market Share by Type (2017-2019)  
Table North America L- Cysteine Market (Million USD) by End-Use / Application (2017-2019)  
Table North America L- Cysteine Market Share by End-Use / Application (2017-2019)  
Table North America L- Cysteine Market (Million USD) by Regions (2017-2019)  
Table North America L- Cysteine Market Share by Regions (2017-2019)  
Table Europe L- Cysteine Market (Million USD) by Type (2017-2019)  
Table Europe L- Cysteine Market Share by Type (2017-2019)  
Table Europe L- Cysteine Market (Million USD) by End-Use / Application (2017-2019)  
Table Europe L- Cysteine Market Share by End-Use / Application (2017-2019)  
Table Europe L- Cysteine Market (Million USD) by Regions (2017-2019)  
Table Europe L- Cysteine Market Share by Regions (2017-2019)  
Table Asia-Pacific L- Cysteine Market (Million USD) by Type (2017-2019)

Table Asia-Pacific L- Cysteine Market Share by Type (2017-2019)  
Table Asia-Pacific L- Cysteine Market (Million USD) by End-Use / Application (2017-2019)  
Table Asia-Pacific L- Cysteine Market Share by End-Use / Application (2017-2019)  
Table Asia-Pacific L- Cysteine Market (Million USD) by Regions (2017-2019)  
Table Asia-Pacific L- Cysteine Market Share by Regions (2017-2019)  
Table South America L- Cysteine Market (Million USD) by Type (2017-2019)  
Table South America L- Cysteine Market Share by Type (2017-2019)  
Table South America L- Cysteine Market (Million USD) by End-Use / Application (2017-2019)  
Table South America L- Cysteine Market Share by End-Use / Application (2017-2019)  
Table South America L- Cysteine Market (Million USD) by Regions (2017-2019)  
Table Middle East & Africa L- Cysteine Market Share by Regions (2017-2019)  
Table Middle East & Africa L- Cysteine Market (Million USD) by Type (2017-2019)  
Table Middle East & Africa L- Cysteine Market Share by Type (2017-2019)  
Table Middle East & Africa L- Cysteine Market (Million USD) by End-Use / Application (2017-2019)  
Table Middle East & Africa L- Cysteine Market Share by End-Use / Application (2017-2019)  
Table Middle East & Africa L- Cysteine Market (Million USD) by Regions (2017-2019)  
Table Middle East & Africa L- Cysteine Market Share by Regions (2017-2019)  
Table Global L- Cysteine Market (Million USD) Forecast by Regions (2020-2025)  
Table Global L- Cysteine Market Share Forecast by Regions (2020-2025)  
Table Global L- Cysteine Market Volume (Volume) Forecast by Regions (2020-2025)  
Table Global L- Cysteine Market Volume Share Forecast by Regions (2020-2025)  
Table Global L- Cysteine Market (Million USD) Forecast by Type (2020-2025)  
Table Global L- CysteineMarket Share by Forecast Type (2020-2025)  
Table Global L- Cysteine Market (Million USD) Forecast by End-Use / Application (2020-2025)  
Table Global L- Cysteine Market Share Forecast by End-Use / Application (2020-2025)  
Table Sales Revenue, Volume, Price, Cost and Margin of Wacker  
Table Sales Revenue, Volume, Price, Cost and Margin of Nippon Rika  
Table Sales Revenue, Volume, Price, Cost and Margin of Ajinomoto  
Table Sales Revenue, Volume, Price, Cost and Margin of Ningbo Zhenhai Haide Biochem  
Table Sales Revenue, Volume, Price, Cost and Margin of Wuhan Grand Hoyo  
Table Sales Revenue, Volume, Price, Cost and Margin of Wuxi Bikang  
Table Sales Revenue, Volume, Price, Cost and Margin of Donboo Amino Acid



## List Of Figures

### LIST OF FIGURES

Figure Global L- Cysteine Market Size (Million USD) 2017-2025

Figure North America Market Growth 2015-2018

Figure Europe Market Growth 2017-2019

Figure Asia-Pacific Market Growth 2017-2019

Figure South America Market Growth 2017-2019

Figure Middle East & Africa Market Growth 2017-2019

Figure Global L- Cysteine Market (Million USD) and Growth Forecast (2020-2025)

Figure Global L- Cysteine Market Volume (Volume) and Growth Forecast (2020-2025)

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