

# Global L- Cysteine Market by Manufacturers, Countries, Type and Application, Forecast to 2022

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## Abstracts

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.

Scope of the Report:

This report focuses on the L- Cysteine in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

Wacker

Nippon Rika

Ajinomoto

CJ Group

Wuhan Grand Hoyo

Wuxi Bikang

Donboo Amino Acid

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

L-Cysteine- Food Grade

L-Cysteine- Tech Grade

L-Cysteine- Pharma Grade

Market Segment by Applications, can be divided into

Food Industry

Pharmaceutical Industry

Cosmetics Industry

Animal Feed

There are 15 Chapters to deeply display the global L- Cysteine market.

Chapter 1, to describe L- Cysteine Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of L- Cysteine, with sales, revenue, and price of L- Cysteine, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of L- Cysteine, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, L- Cysteine market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe L- Cysteine sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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