

# Global L- Cysteine Market Survey and Trend Research 2018

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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- $\beta$ -thiazoline-4-carboxylic acid using *Pseudomonas thiazolinophilum*.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

### Industry Chain

Raw Materials

Cost

Technology

## Consumer Preference

### Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

### Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

### Company (Wacker, Nippon Rika, Ajinomoto, Ningbo Zhenhai Haide Biochem, Wuxi Bikang, Wuxi Bikang, Donboo Amino Acid etc.):

Company Profile

Product & Service

Business Operation Data

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