

Global and China L- Cysteine Market Research by Company, Type & Application 2013-2025

<https://marketpublishers.com/r/GBB815F2025EN.html>

Date: August 2019

Pages: 69

Price: US\$ 2,000.00 (Single User License)

ID: GBB815F2025EN

Abstracts

SUMMARY

Cysteine (abbreviated as Cys or C) is an α -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- β -thiazoline-4-carboxylic acid using *Pseudomonas thiazolinophilum*.

Market Segment as follows:

By Type

Food Grade

Tech Grade

Pharma Grade

By 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

The main contents of the report including:

Section 1:

Product definition, type and application, global and China market overview;

Section 2:

Global and China Market competition by company;

Section 3:

Global and China sales revenue, volume and price by type;

Section 4:

Global and China sales revenue, volume and price by application;

Section 5:

China export and import;

Section 6:

Company information, business overview, sales data and product specifications;

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