

L-Cysteine

TECHNICAL DATA SHEET

L-Cysteine amino acid for professional ingredient formulation and manufacturing.

CAS No.	52-90-4
Source	L-Cysteine amino acid
Physical form	White Crystals with Slight Characteristic Smell

Product Information

L-Cysteine is a sulfur-containing amino acid supplied in crystalline form for formulation and processing applications. This amino acid is supplied as white crystals with slight characteristic smell. The stated source is L-Cysteine amino acid.

For L-cysteine purchasing, identify the grade and analytical requirements used in the formulation. The product specification below provides the criteria for comparing material grades and checking the corresponding batch COA.

Specifications

Parameter	Specification
Character	White Crystals with Slight Characteristic Smell
State of Solution	95.0% Min
Heavy metals	10ppm Max
Solubility	Freely soluble in water, methanol, ethanol, soluble in acetonitrile and chloroform
Clarity of the solution	Not more intensely opalescent than reference suspension II
Color of the solution	Not more intensely colored than reference solution Y1

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

MOQ	500 kg
Packing	25kg/Fiber Drum with double plastic container inside
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
Annual supply	On request

Free sample: up to 500 g. Courier cost payable or use your courier account.

Applications

Nutrition blends: The amino acid ingredient is an option for suitable nutrition blends and powder formulations.

Food formulation and processing: Suitable food-related formulation or processing applications can use the selected amino acid grade.

Ingredient premixes: L-Cysteine can be incorporated into compatible amino acid and multi-ingredient premixes.

Packaging & Storage

Packaging	25kg/Fiber Drum with double plastic container inside
Storage	Store in a well-closed container Away from moisture.
Shelf life	Two years, in unopened original packaging.
Container loading	Qty in 20' FCL: 8MTS(with pallets)

Certifications & Documents

KOSHER · HACCP · FSSC 22000 · HALAL · ISO 9001 · ISO 22000

COA for each batch, TDS and SDS.

Company Contact

Supplier: Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)

Shanghai office: Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road,
Xuhui District, Shanghai, China

Telephone: +86-21-54265599

Email: sales@zxchem.com.cn

Website: www.zxchem.com

The agreed purchase specification and the COA of each batch govern supply.