



CERTIFICATE OF ANALYSIS

Product name:L-Cysteine base

AC code: AC02038d

Item	Specification
Description	White crystalline or crystalline powder
Identification	Infrared Absorption
Specific rotation [α] D20	+ 8.3 ° to + 9.5 °
State of solution	Not less than 95.0%
Chloride (Cl)	Not more than 0.04%
Ammonium	Not more than 0.02%
Sulfate(SO ₄)	Not more than 0.03%
Iron(Fe)	Not more than 10ppm
Heavy metals	Not more than 10ppm
Other amino acids	Not detected
Arsenic(as As ₂ O ₃)	Not more than 1ppm
Loss on drying	Not more than 0.5%
Other Amino acids	Chromatographically Not detectable
Residue on ignition	Not more than 0.10%
Assay	98.5% to 101.0%
PH	4.5 to 5.5
E.Coli	Negative
Salmonella	Negative
S.aureus	Negative

Packing: 25KG NET DRUM

Storage condition: preserve in tight containers at controlled room temperature.

Shelf life: 2 years

Origin Country: China