

# Shanghai FuZhiseng Bio Technology Co.,Ltd.

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## Specification sheet

Product Name:L-Cysteine base

Item	Specification
Description	White crystalline or crystalline powder
Identification	Infrared Absorption
Specific rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup>	+ 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 <sub>4</sub> )	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 <sub>2</sub> O <sub>3</sub> )	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