

# SHANGHAI FUZHISHENG BIO TECHNOLOGY CO.,LTD

## CERTIFICATION OF ANALYSIS

Product Name: L-Cysteine base

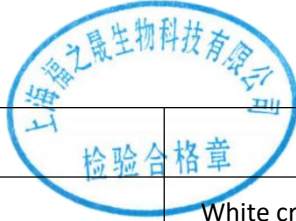
Manufacture Date: 2026.03.24

Batch No.: 20260324

Quantity: 1000KGS

Report Date: 2026.03.25

Expiry Date: 2028.03.23



Item	Specification	Result
Description	White crystalline or crystalline powder	Conforms
Identification	Infrared Absorption	Conforms
Specific rotation [α] <sub>D</sub> <sup>20</sup>	+ 8.3° to + 9.5°	+ 8.73°
State of solution	Not less than 95.0%	98.5%
Chloride (Cl)	Not more than 0.04%	Conforms
Ammonium	Not more than 0.02%	Conforms
Sulfate(SO <sub>4</sub> )	Not more than 0.03%	Conforms
Iron(Fe)	Not more than 10ppm	Conforms
Heavy metals	Not more than 10ppm	Conforms
Other amino acids	Not detected	Conforms
Arsenic(as As <sub>2</sub> O <sub>3</sub> )	Not more than 1ppm	Conforms
Loss on drying	Not more than 0.5%	0.11%
Other Amino acids	Chromatographically Not detectable	Conforms
Residue on ignition	Not more than 0.10%	0.05%
Assay	98.5% to 101.0%	99.5%
PH	4.5 to 5.5	4.8
E.Coli	Negative	Negative
Salmonella	Negative	Negative
S.aureus	Negative	Negative
Conclusion :	The products Conforms to AJI92	

Analysis: chenhong

Verification: zhaoyan