



PREMIUM INGREDIENT CO.,LTD

普瑞米恩生物科技有限公司

www.premiumingredient.com

SPECIFICATIONS

Product Name: L-Cysteine Cas No.:52-90-4 Quality Standard: AJI97

Description: white crystals or crystalline powder.

Solubility (H₂O, g/100g): about 16(20°)

Test item	Limit
Specific rotation	+8.3 to +9.5°
State of solution (transmittance)	Not less than 95.0%
Chloride	Not more than 0.04%
Ammonium	Not more than 0.02%
Sulfate	Not more than 0.030%
Iron	Not more than 10ppm
Heavy metals(Pb)	Not more than 10ppm
Arsenic	Not more than 1ppm
Other Amino Acids	conforms
Loss on drying	Not more than 0.5%
Residue on ignition (sulfated)	Not more than 0.10%
Assay	98.0 to 101.0%
PH	4.5 to 5.5

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 1 year