



PREMIUM INGREDIENT CO.,LTD

普瑞米恩生物科技有限公司

www.premiumingredient.com

SPECIFICATIONS

Product Name: L-Cystine Cas No.: 56-89-3 Quality Standard: AJI92

Description: white crystals or crystalline powder. Tasteless.

Practically insoluble in water.

Test item	Limit
Specific rotation	-215 to -225°
State of solution (transmittance)	Clear and colorless Not less than 98.0%
Chloride	0.020%
Ammonium	Not more than 0.02%
Sulfate	Not more than 0.020%
Iron	Not more than 20ppm
Heavy metals(Pb)	Not more than 10ppm
Arsenic	Not more than 1ppm
Other Amino Acids	Conforms
Loss on drying	Not more than 0.20%
Residue on ignition (sulfated)	Not more than 0.10%
Assay	98.5 to 101.0%
PH	5.0 to 6.5

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 2 years