



PREMIUM INGREDIENT CO.,LTD

普瑞米恩生物科技有限公司

www.premiumingredient.com

## SPECIFICATIONS

Product Name: N-Acetyl L-Cysteine      Cas No.: 616-91-1      Quality Standard: AJI97

Description: White crystals or crystalline powder.

Solubility (H<sub>2</sub>O, g/100g): 17(20° ), 80(40° ), 260(60° )

Test item	Limit
Specific Rotation	+21.3° to +27.0°
State of solution (transmittance)	Clear and colorless Not less than 98.0%
Chloride	Not more than 0.04%
Ammonium	Not more than 0.02%
Sulfate	Not more than 0.030%
Iron	Not more than 20ppm
Heavy metals(Pb)	Not more than 10ppm
Arsenic	Not more than 1ppm
Other amino acids	Chromatographically not detectable
Loss on drying	Not more than 0.50%
Residue on ignition (sulfated)	Not more than 0.20%
Assay	98.5% to 101.0%
PH	2.0 to 2.8

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 1 year