



PREMIUM INGREDIENT CO.,LTD

普瑞米恩生物科技有限公司

www.premiumingredient.com

## SPECIFICATIONS

Product Name: L-Lysine Hcl      Cas No.:657-27-2      Quality Standard: AJI92

Description: white crystals or crystalline powder.

Solubility (H<sub>2</sub>O, g/100g): 40 (0° ), 63(20° ), 96 (40° ), 131(60° )

Test item	Limit
Specific rotation	+20.7 to +21.5° +25.9 to +26.9°
State of solution (transmittance)	Clear and colorless Not less than 98.0%
Chloride	19.12 to 19.51%
Ammonium	Not more than 0.02%
Sulfate	Not more than 0.020%
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 0.40%
Residue on ignition (sulfated)	Not more than 0.10%
Assay	99.0 to 100.5%
PH	5.0 to 6.0

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 2 years