



PREMIUM INGREDIENT CO.,LTD

普瑞米恩生物科技有限公司

www.premiumingredient.com

## SPECIFICATIONS

Product Name: L-Glutamine      Cas No.: 56-85-9      Quality Standard: AJI92

Description: white crystals or crystalline powder. Slightly characteristic taste.  
soluble in water.

Solubility (H<sub>2</sub>O, g/100g): 3.73(20° ), 6.57(40° ), 11.2(60° )

Test item	Limit
Specific rotation	+34.2 to +36.2°
State of solution (transmittance)	Clear and colorless Not less than 98.0%
Chloride	Not more than 0.020%
Ammonium	Not more than 0.10%
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 0.30%
Residue on ignition (sulfated)	Not more than 0.10%
Assay	99.0 to 101.0%
PH	4.5 to 6.0

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 1 year