



XINJIANG FUFENG BIOTECHNOLOGIES CO.,LTD.

新疆阜丰生物科技有限公司

NO.188. FANGZHENG EAST STREET, GAN QUAN PU ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, URUMQI CITY, XINJIANG PROVINCE,PRC

### SPECIFICATION OF L-GLUTAMINE

### L-谷氨酰胺规格单

Product Name: L-Glutamine

CAS No. 56-85-9

Country Of Origin: China

Items	Limits
Description	White crystals or crystalline powder
Assay	98.5% ~ 101.5%
Identification (Infrared Absorption)	Corresponding to Reference Spectrum
PH	4.35 ~ 6.0
Specific rotation	+6.3 ° ~ +7.3 °
Residue on Ignition	≤0.1%
Loss on Drying	≤0.3%
Bulk Density	0.4-0.6g/ml
Chloride (Cl)	≤0.05%
Iron(Fe)	≤30ppm
Sulfate ( SO4)	≤0.03%
Lead(Pb)	≤3ppm
Arsenic (As)	≤3ppm
Cadmium (Cd)	≤1ppm
Mercury (Hg)	≤1ppm
Heavy Metals	≤5ppm
Total Plate Count	≤1000cfu/g
Yeast and Molds	≤100cfu/g
E.Coli	Negative in 10g
Staphylococcus Aureus	Negative in 10g
Salmonella	Negative in 10g
Organic volatile impurities	Meet the requirements
Coliforms	≤50MPN/G
Particle Size	99% Pass 80 mesh.
Conclusion: Meet the standards of FCCV	

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