



武汉远大弘元股份有限公司

Wuhan Grand Hoyo Co., Ltd.

Add.: Rm 601, Block B, Dingye Bldg., Int. Ent.
Center, No. T1, Guanshan 2nd Road, East Lake
High-tech Development Zone, Wuhan, China

Tel : 86-27-87591573

Fax : 86-27-87452206

E-Mail : felix.lei@grandhoyo.com

SPECIFICATIONS OF L-PROLINE

Product Name: L-Proline

CAS NO.: 147-85-3

Item 项目	Specification 标准
性状 Description	White crystals or crystalline powder
鉴别 Identification	As per AJI92
比旋度 Specific rotation [α] ^{D20}	-74.0 to -77.0°
溶解状况 State of solution (Transmittance)	Clear and colorless Not less than 95.0%
含氯量 Chloride(Cl)	Not more than 0.020%
铵盐 Ammonium(NH ₄)	Not more than 0.02%
硫酸根 Sulfate(SO ₄)	Not more than 0.020%
铁 Iron(Fe)	Not more than 10ppm
重金属 Heavy metals(Pb)	Not more than 10ppm
砷 Arsenic(as As ₂ O ₃)	Not more than 1ppm
其他氨基酸 Other amino acids	Chromatographically not detectable
干燥失重 Loss on Drying	Not more than 0.20%
灼烧残渣 Residue on ignition(sulfated)	Not more than 0.10%
含量 Assay	98.5 to 101.0 %
pH	5.0 to 6.5

Remarks: Made in China

Storage: Preserve in tight containers at controlled room temperature.

Shelf life: Recommend 1 year.