



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 (AJI92)
Description	White crystals or crystalline powder
Specific rotation $[\alpha]_D^{20}$	-84.5 to -86.0°
State of solution (Transmittance)	Clear and colorless Not less than 98.0%
Chloride (Cl)	Not more than 0.020%
Ammonium (NH ₄)	Not more than 0.02%
Sulfate (SO ₄)	Not more than 0.020%
Iron(Fe)	Not more than 10ppm
Heavy metals (Pb)	Not more than 10ppm
Arsenic(as As ₂ O ₃)	Not more than 1ppm
Other amino acids	Chromatographically not detectable
Loss on drying	Not more than 0.30%
Residue on ignition (Sulfated)	Not more than 0.10%
Assay	99.0 to 101.0 %
pH	5.9 to 6.9

Remarks: Made in China

Storage: Preserve in tight containers at controlled room temperature.

Shelf life: Recommend 1 year.