



无锡金海岸生物科技有限公司

WUXI JIN-HIGHER BIOTECH CO.,LTD

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-PROLINE

CAS NO:147-85-3

BATCH NO: LJ*****

SHELF LIFE: 2YEARS

PRODUCTION DATE:

REPORT DATE:

STANDARD: EP6

QUANTITY:1000KGS

Tests	Limits	Test results
Description	White crystals or crystalline powder	Conforms
Identification (IR)	Concordant with the reference spectrum	Conforms
Assay	98.5~101.0%	99.4%
Specific rotation $[\alpha]_D^{20}$	-84.0°~-86.0°	-85.20°
State of solution (Transmittance T_{430})	clear & colorless ≥98.0%	clear & colorless 99.4%
Chloride(Cl)	≤0.02%	<0.02%
Ammonium(NH ₄)	≤0.02%	<0.02%
Sulfate(SO ₄)	≤0.03%	<0.03%
Iron(Fe)	≤10ppm	<10ppm
Heavy metals(Pb)	≤10ppm	<10ppm
Arsenic(As)	≤1ppm	<1ppm
Lead	≤ 3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Other amino acids	Conforms	Conforms
Loss on drying	≤0.50%	0.14%
Residue on ignition	≤0.10%	0.05%
Total plate count	≤1000cfu/g	Conforms
Yeast and Moulds	≤100cfu/g	Conforms
E.Coli	Absent	Not-detected
Salmonella	Absent	Not-detected
Conclusion: Passed test according to the Standard of EP6		

Inspector:Guoqin Zou

Checker: Fengzhu Xu Director:Deming Cao

