



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : L-脯氨酸
英文名称(English Name) : L-Proline
分子式(Molecular Formula) : C₅H₉NO₂ 分子量(Molecular Wt) : 115.132
CAS : 147-85-3 储存条件(Storage Condition) : RT
货号(Item No) : V33791 批号 (Lot. Number) : KV391393
检测日期(Date of Testing) : 2025-07-14 复测日期(Date of Retesting) : 2028-07-13

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White powder	White powder
Solubility	1 g / 10 ml in water	Clear ,Colorless solution
PH	5.9-6.9(10% in water)	6.2
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)(calcd.on anh.substance)	-86--84 (°)	-84.10000 °
Specific Rotation [α] ₂₅ /D (USP: 25 °C in c=4 in H ₂ O)	-86.3--84.3 (°)	-85.00000 °
Loss on drying	0-0.3 (%)	0.02000 %
Purity(as dry basis)	99%min	99.9%
Cell Culture Test	Pass	Pass

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu