



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : (4R)-4-羟基-L-谷氨酸

英文名称(English Name) : (2S,4R)-4-Hydroxy-L-glutamic Acid

分子式(Molecular Formula) : C₅H₉NO₅

分子量(Molecular Wt) : 163.13

CAS : 2485-33-8

储存条件(Storage Condition) : -20°C

货号(Item No) : Y70773

批号 (Lot. Number) : KY403791

检测日期(Date of Testing) : 2025-09-18

复测日期(Date of Retesting) : 2028-09-17

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White to Off-White Solid	White to Off-White Solid
Purity	95% min (HPLC)	97.48%
Specific rotation[α] _{20D}	15-17 (°) (c=0.1 in H ₂ O)	16.2 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

