



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : L-谷氨酰胺

英文名称(English Name) : L-Glutamine; L-Glutamic acid 5-amide

分子式(Molecular Formula) : C₅H₁₀N₂O₃

分子量(Molecular Wt) : 146.146

CAS : 56-85-9

储存条件(Storage Condition) : RT

货号(Item No) : S20040

批号 (Lot. Number) : LS441496

检测日期(Date of Testing) : 2026-02-05

复测日期(Date of Retesting) : 2029-02-04

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White powder to crystalline powder	White powder
Assay	99% min	99.54%
Solubility	50mg/ml , 1M HCl	Clear , colorless solution
Specific rotation[α] _{20D}	31.5-33.0° (C=10,2M HCl)	31.6°

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu