



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : L-半乳糖酸-1,4-内酯

英文名称(English Name) : L-Galactono-1,4-lactone

分子式(Molecular Formula) : C₆H₁₀O₆

分子量(Molecular Wt) : 178.14

CAS : 1668-08-2

储存条件(Storage Condition) : -20°C

货号(Item No) : S24474

批号 (Lot. Number) : JS260618

检测日期(Date of Testing) : 2024-07-06

复测日期(Date of Retesting) : 2027-07-05

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White powder	White powder
Assay	98% min	98.4%
Solubility	100mg/mL, H ₂ O	Clear , colorless solution
Specific rotation[α] _{20D}	75°to 80° (C=5,H ₂ O)	78.2°
NMR/MS	NMR&MS	Conforms
Water	< 0.5%	0.2%

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu