



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : L-半胱氨酸盐酸盐合物

英文名称(English Name) : L-Cysteine Hydrochloride Hydrate

分子式(Molecular Formula) : $\text{HSCH}_2\text{CH}(\text{NH}_2)\text{CO}_2\text{H}\cdot\text{HCl}\cdot\text{xH}_2\text{O}$

分子量(Molecular Wt) : 157.62 (anhydrous basis)

储存条件(Storage Condition) : 2-8°C, 避光

CAS : 345909-32-2

货号(Item No) : Y64306

批号 (Lot. Number) : LY488825

检测日期(Date of Testing) : 2026-08-03

复测日期(Date of Retesting) : 2029-08-02

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White powder to White crystalline powder	White crystalline powder
Assay	98.5% min	99.15%
Solubility	50mg/mL, 1 M HCl	Clear , colorless solution
Specific rotation $[\alpha]_{20D}$	+4°~+7° , c = 2, 5N HCl	+5.415°
Water	-	16.024%

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

质检专用章