



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : N-2-羟乙基哌嗪-N'-2-乙磺酸钠盐(HEPES-Na)
英文名称(English Name) : HEPES sodium salt
分子式(Molecular Formula) : C₈H₁₇N₂NaO₄S 分子量(Molecular Wt) : 260.29
CAS : 75277-39-3 储存条件(Storage Condition) : RT
货号(Item No) : V33380 批号 (Lot. Number) : LV456603
检测日期(Date of Testing) : 2026-04-16 复测日期(Date of Retesting) : 2029-04-15

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White powder	White powder
Purity	99.5%min(Titration)(dry basis)	99.54%
Solubility	500mg/mL, H ₂ O	Clear,colorless solution
PH	9.5-10.5 (25 °C,1% in Water)	9.86
Water	3% max	1.7921%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	Pass	Pass
Endonuclease Detection	0-0.1 EU/g	0.05 EU/g
DNase, RNase and Protease	None Detected	None Detected

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu