



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : 鸟苷

英文名称(English Name) : Guanosine

分子式(Molecular Formula) : C₁₀H₁₃N₅O₅

分子量(Molecular Wt) : 283.24

CAS : 118-00-3

储存条件(Storage Condition) : RT

货号(Item No) : V33872

批号 (Lot. Number) : JV252820

检测日期(Date of Testing) : 2026-05-31

复测日期(Date of Retesting) : 2029-05-30

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White powder	White powder
Purity	98% min (HPLC)	99.84%
Carbon by Elemental Analysis(anhydrous)	41.5-43.3 (%)	42.10000 %
EmM(at λ Max 252 ~ 253 nm at pH 7.0)	13.2-13.9	13.80000
Nitrogen by Elemental Analysis (anhydrous)	24.2-25.2 (%)	25.03500 %
Cell Culture Test	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility	5% in Formic Acid/H ₂ O (1/1)	Clear to Slightly Hazy, Yellow to Green-Yellow
Proton NMR spectrum	Conforms to structure	Conforms to structure
Water by Karl Fischer	0-14 (%)	3.02000 %
Specific Rotation [α] ₂₀ /D(c=1 in 1mol/L NaOH)	-80--72 (°)	-79.0 °

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu