

Certificate of Analysis

Date of Testing: 2022-10-21 11:33:33

Date of Next Testing: 2026-10-20 11:33:33

Product Name: **Isocytosine**

CAS Number: 108-53-2

Specifications & Purity: 99%

Lot #: J2217543

SKU # **I122417**

Analysis: **106343**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98.5-101.5 (%)	99.69 %
EmM($\lambda_{\max}$: 273nm, 0.1 M NaOH)	6.4-6.7	6.68
Purity(HPLC)	99-100 (%)	99.03000 %
Appearance (I122417Color)	White to pale yellow	White to pale yellow
Appearance (I122417Form)	Powder to crystal	Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in AcOH,colorless to pale yellow clear,50 mg/ml	Pass	Pass



John Su
QA & QC Manager