

## Certificate of Analysis

Date of Testing: 2024-06-03 13:51:39  
Date of Next Testing: 2028-06-02 13:51:39  
Product Name: **N4-Benzoylcytidine**  
CAS Number: 13089-48-0  
Specifications & Purity: 98%  
Lot #: 11213050  
SKU #: **B103100**  
Version: **0**  
Analysis #: **363653**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.28 %
Purity(HPLC)	98-100 (%)	99.18000 %
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in DMSO)	43-48 (°)	43.57°
Appearance (B103100)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N NaOH , Colorless clear solution 10 mg/ml	pass	Pass



John Su  
QA & QC Manager