

## Certificate of Analysis

Date of Testing: 2023-03-13 20:56:56  
Date of Next Testing: 2027-03-12 20:56:56  
Product Name: **N4-Benzoylcytidine**  
CAS Number: 13089-48-0  
Specifications & Purity: 98%  
Lot #: C2309074  
SKU #: **B103100**  
Analysis: **197759**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.50 %
Purity(HPLC)	98-100 (%)	99.47600 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in DMSO)	43-48 (°)	44.77°
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