

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-12 16:48:15

Date of Next Testing: 2029-08-11 16:48:15

Product Name: **N4-Benzoylcytidine**

CAS Number: 13089-48-0

Specifications & Purity: $\geq 98\%$

Lot #: J2123086

SKU #: **B103100**

Version: **0**

Analysis #: **553670**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.71800 %
Purity(HPLC)	98-100 (%)	99.47400 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMSO})$	43-48 ($^{\circ}$)	44.76300 $^{\circ}$
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