

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-20 13:31:50

Date of Next Testing: 2028-04-19 13:31:50

Product Name: **Cytosine**

CAS Number: 71-30-7

Specifications & Purity: Moligand™, ≥98%

Lot #: D2410233

SKU #: **C104336**

Version: **0**

Analysis #: **334127**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74200 %
Loss on drying(105°C, 5h)	0-0.5 (%)	0.25000 %
Appearance (C104336)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.5 M HCl , Colorless to Light Yellow Clear to pass Hazy(50mg/ml)		Pass



John Su
QA & QC Manager