

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-22 13:25:01
 Date of Next Testing: 2027-05-21 13:25:01
 Product Name: **Cytosine**
 CAS Number: 71-30-7
 Specifications & Purity: Moligand™, ≥98%
 Lot #: D2326406
 SKU #: **C104336**
 Version: **0**
 Analysis #: **202973**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.78800 %
Loss on drying(105°C, 5h)	0-0.5 (%)	0.45000 %
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