

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2025-11-14 18:14:14
Date of Next Testing: 2029-11-13 18:14:14
Product Name: **Cytosine**
CAS Number: 71-30-7
Specifications & Purity: Moligand™, ≥98%
Lot #: K2511151
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

