

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2023-05-22 13:21:45  
Date of Next Testing: 2027-05-21 13:21:45  
Product Name: **Cytosine**  
CAS Number: 71-30-7  
Specifications & Purity: Moligand™, ≥98%  
Lot #: D2326401  
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                                  |

