

## Certificate of Analysis

Date of Testing: 2024-08-14 11:09:09  
Date of Next Testing: 2028-08-13 11:09:09  
Product Name: **Cytosine  $\beta$ -D-arabinofuranoside**  
CAS Number: 147-94-4  
Specifications & Purity: 98%  
Lot #: H2408320  
SKU #: **C111218**  
Version: **0**  
Analysis #: **338872**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	155-162 (°)	158.00 °
Purity(HPLC)	98-100 (%)	98.17000 %
Appearance (C111218)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager