

## Certificate of Analysis

Date of Testing: 2023-06-02 10:11:40  
Date of Next Testing: 2027-06-01 10:11:40  
Product Name: **Cytosine  $\beta$ -D-arabinofuranoside**  
CAS Number: 147-94-4  
Specifications & Purity: 98%  
Lot #: E2326903  
SKU #: **C111218**  
**Analysis: 176363**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.92200 %
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	155-162 (°)	155.01 °
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