

## Certificate of Analysis

Date of Testing: 2023-12-06 15:58:20  
Date of Next Testing: 2025-12-05 15:58:20  
Product Name: **Lamivudine**  
CAS Number: 134678-17-4  
Specifications & Purity:  $\geq 99\%$   
Lot #: K2321384  
SKU #: **L129788**  
**Analysis:** **293871**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.90300 %
Specific Rotation $[\alpha]_{20}/D(c=1 \text{ MeOH})$	-147--137 ( $^{\circ}$ )	-143.38 $^{\circ}$
Melting point	175-179 ( $^{\circ}\text{C}$ )	178.07000 $^{\circ}\text{C}$
Appearance(L129788)	White to Light Yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager