

Certificate of Analysis

Date of Testing: 2023-12-06 15:45:23
Date of Next Testing: 2025-12-05 15:45:23
Product Name: **Lamivudine**
CAS Number: 134678-17-4
Specifications & Purity: $\geq 99\%$
Lot #: K2321387
SKU #: **L129788**
Analysis: 293871
Storage Temperature: Store at -20°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