

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-16 14:16:38

Date of Next Testing: 2027-01-16 14:16:38

Product Name: **Emtricitabine**

CAS Number: 143491-57-0

Specifications & Purity: Moligand™, ≥98%

Lot #: A2513508

SKU #: **E125328**

Version: **0**

Analysis #: **369508**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.12000 %
Melting point	153-157 (°C)	155.00000 °C
Specific Rotation [α] _{20/D} (c=0.25 in MeOH)	-143--137 (°)	-141.00000 °
Purity(HPLC)	98-100 (%)	99.02000 %
Oxygen by Elemental Analysis	18.5-19.9 (%)	18.90000 %
Carbon by Elemental Analysis	37.6-39.3 (%)	37.80000 %
Appearance (E125328)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager