

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Emtricitabine**
Specifications & Purity: **98%**
SKU #: **E125328**

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