

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-19 08:38:25

Date of Next Testing: 2027-07-19 08:38:25

Product Name: **Stavudine (d4T)**

CAS Number: 3056-17-5

Specifications & Purity: Moligand™, ≥98%

Lot #: G2511719

SKU #: **S129783**

Version: **1**

Analysis #: **533112**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	52.8-54.1 (%)	53.45700 %
Specific Rotation [α] _{20/D} (c=0.69 in H ₂ O)	-48--44 (°)	-45.87800 °
Nitrogen by Elemental Analysis (anhydrous)	12-13 (%)	12.54300 %
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (S129783)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Light Yellow Clear 49.00 - 51.00mg/ml	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager