

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-27 14:27:52

Date of Next Testing: 2026-11-27 14:27:52

Product Name: **Stavudine (d4T)**

CAS Number: 3056-17-5

Specifications & Purity: Moligand™, ≥98%

Lot #: K2422437

SKU #: **S129783**

Version: **1**

Analysis #: **338749**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.69 in H ₂ O)	-48--44 (°)	-44.20000 °
Carbon by Elemental Analysis(anhydrous)	52.8-54.1 (%)	53.01000 %
Nitrogen by Elemental Analysis (anhydrous)	12-13 (%)	12.20000 %
Purity(HPLC)	98-100 (%)	98.60000 %
Appearance (S129783)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Light Yellow Clear 49.00 - 51.00mg/ml	pass	Pass



John Su
QA & QC Manager