

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-04 13:46:44

Date of Next Testing: 2026-06-03 13:46:44

Product Name: **3'-Azido-3'-deoxythymidine**

CAS Number: 30516-87-1

Specifications & Purity: Moligand™, ≥98%(HPLC)

Lot #: E2231476

SKU #: **A122924**

Version **0**

Analysis #: **082714**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	43-51 (°)	48.82400°
Melting point	122-126 (°C)	124.28000 °C
Purity(HPLC)	99-100 (%)	99.85100 %
Appearance (A122924)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility, Colorless to faint yellow, clear (50 mg/mL, H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager