

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-06 15:57:51  
 Date of Next Testing: 2029-03-05 15:57:51  
 Product Name: **3'-Azido-3'-deoxythymidine**  
 CAS Number: 30516-87-1  
 Specifications & Purity: Moligand™, ≥98%(HPLC)  
 Lot #: C2504375  
 SKU #: **A122924**  
 Version: **0**  
 Analysis #: **385933**  
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	43-51 (°)	47.99°
Purity(HPLC)	99-100 (%)	99.07000%
Melting point	122-126 (°C)	125.14000 °C
Appearance (A122924)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear(50 mg/mL, H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager