

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-14 17:35:30
 Date of Next Testing: 2024-10-13 17:35:30
 Product Name: **Azithromycin Dihydrate**
 CAS Number: 117772-70-0
 Specifications & Purity: Moligand™, ≥98%
 Lot #: J2210459
 SKU #: **E129935**
 Version: **0**
 Analysis #: **114322**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)(calcd.on anh.substance)	98-100 (%)	99.67600 %
Water by Karl Fischer	4-5 (%)	4.75140 %
Carbon by Elemental Analysis(anhydrous)	59.2-61.4 (%)	60.66000 %
Nitrogen by Elemental Analysis (anhydrous)	3.2-4.2 (%)	3.20000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})(\text{calcd.on anh.substance})$	-49--45 (°)	-45.01000 °
Appearance (e129935)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager