

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-15 09:58:00
Date of Next Testing: 2026-06-15 09:58:00
Product Name: **Azithromycin Dihydrate**
CAS Number: 117772-70-0
Specifications & Purity: $\geq 98\%$
Lot #: F2405209
SKU #: **E129935**
Version: **0**
Analysis #: **361586**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)(calcd.on anh.substance)	98-100 (%)	99.49%
Nitrogen by Elemental Analysis (anhydrous)	3.2-4.2 (%)	3.64%
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})(\text{calcd.on anh.substance})$	-49--45 (°)	-45.68°
Water by Karl Fischer	4-5 (%)	4.86%
Carbon by Elemental Analysis(anhydrous)	59.2-61.4 (%)	60.91%
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