

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-16 14:19:23

Date of Next Testing: 2028-03-15 14:19:23

Product Name: **Aztreonam**

CAS Number: 78110-38-0

Specifications &amp; Purity: 98%

Lot #: C2404113

SKU #: **A122451****Analysis:** **332411**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	2.04 %
Purity(Neutralization titration)	94.5-105.5 (%)	98.66 %
Purity(HPLC)	98-100 (%)	99.97000 %
Specific Rotation [α] <sub>20</sub> /D(c=0.5 in H <sub>2</sub> O)	-32--26 (°)	-26.90°
Appearance (A122451)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF/MeOH (1/1) , Colorless to Faint Yellow,Clear,50 mg/mL	pass	Pass

John Su  
QA & QC Manager