

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-10 18:26:01
Date of Next Testing: 2029-10-09 18:26:01
Product Name: **Aztreonam**
CAS Number: 78110-38-0
Specifications & Purity: $\geq 98\%$
Lot #: I2523130
SKU #: **A122451**
Version: **0**
Analysis #: **586153**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	0.00 %
Purity(Neutralization titration)	94.5-105.5 (%)	100.00 %
Purity(HPLC)	98-100 (%)	99.78200 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	-32--26 ($^{\circ}$)	-26.20 $^{\circ}$
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