

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-16 14:20:10

Date of Next Testing: 2026-12-15 14:20:10

Product Name: **Aztreonam**

CAS Number: 78110-38-0

Specifications & Purity: $\geq 98\%$

Lot #: L2213244

SKU #: **A122451**

Version: **0**

Analysis #: **156557**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	3.24000 %
Purity(Neutralization titration)	94.5-105.5 (%)	102.42000 %
Purity(HPLC)	98-100 (%)	99.68200 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	$-32--26 (^{\circ})$	-26.89700°
Appearance (A122451)	White to Off-White Powder	White to Off-White Powder
Solubility in DMF/MeOH (1/1) , Colorless to Faint Yellow,Clear,50 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager