

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-02 12:24:10

Date of Next Testing: 2027-07-02 12:24:10

Product Name: **Mezlocillin Sodium**

CAS Number: 42057-22-7

Specifications & Purity: Moligand™, ≥97%

Lot #: G2501694

SKU #: **M774483**

Version **1**

Analysis #: **536306**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.08500 %
Specific Rotation [α] _{20/D} (c=0.5, Methanol)	175-195 (°)	176.69500 °
Appearance(M774483)	White powder	White powder
Solubility in DMSO , Colorless Clear(0.95 - 1.05 mg/ml)	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
ICP:Confirms Na component	Confirmed	Confirmed



John Su
QA & QC Manager