

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-21 13:21:59
 Date of Next Testing: 2028-07-20 13:21:59
 Product Name: **Ticarcillin disodium salt**
 CAS Number: 4697-14-7
 Specifications & Purity: USP
 Lot #: G2509507
 SKU #: **T778061**
 Version: **1**
 Analysis #: **546379**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.81100 %
specific rotation [α] _{20/D} (C=1 in water)	172-187 (°)	175.28200 °
pH(10mg/ml)	6-8	6.96000
Water by Karl Fischer	0-6 (%)	3.10340 %
Appearance(T778061)	White or yellowish white crystalline powder	White or yellowish white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager