

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-10 10:45:53

Date of Next Testing: 2027-09-10 10:45:53

Product Name: **cefazolin sodium salt**

CAS Number: 27164-46-1

Specifications & Purity: $\geq 97\%$ (HPLC)

Lot #: I2504766

SKU # **C133095**

Version **0**

Analysis #: **344605**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=10 in H ₂ O)	-24--15 (°)	-17.40°
Purity(HPLC)	97-100 (%)	99.20400 %
Water by Karl Fischer	0-3 (%)	2.92 %
Appearance (C133095)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager