

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-11 16:33:20
 Date of Next Testing: 2024-07-10 16:33:20
 Product Name: cefazolin sodium salt
 CAS Number: 27164-46-1
 Specifications & Purity: $\geq 97\%$ (HPLC)
 Lot #: G2207202
 SKU #: C133095
 Version: 0
 Analysis #: 097075
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	2.93420 %
Purity(HPLC)	97-100 (%)	99.26500 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	-24--15 (°)	-17.16000 °
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