

Certificate of Analysis

Date of Testing: 2023-06-15 08:38:47

Date of Next Testing: 2025-06-14 08:38:47

Product Name: **cefazolin sodium salt**

CAS Number: 27164-46-1

Specifications & Purity: $\geq 97.0\%$ (HPLC)

Lot #: I2107332

SKU # **C133095**

Analysis: **241207**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.30 %
Purity(HPLC)	97-100 (%)	98.06600 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	-24--15 (°)	-20.30 °
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