

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 11:17:07

Date of Next Testing: 2025-02-28 11:17:07

Product Name: **Cefoperazone sodium**

CAS Number: 62893-20-3

Specifications & Purity: $\geq 98\%$

Lot #: B2321801

SKU #: **C136445**

Version: **0**

Analysis #: **182306**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.69500 %
Carbon by Elemental Analysis	43-45.5 (%)	43.20600 %
Nitrogen by Elemental Analysis	18-19.4 (%)	18.24000 %
Water by Karl Fischer	0-5 (%)	4.79500 %
Appearance (C136445)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
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