

Certificate of Analysis

Date of Testing: 2022-07-19 14:56:13
Date of Next Testing: 2024-07-18 14:56:13
Product Name: **Cefoperazone sodium**
CAS Number: 62893-20-3
Specifications & Purity: 98%
Lot #: I2009226
SKU #: **C136445**
Analysis: **114736**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|--|--|
| Nitrogen by Elemental Analysis | 18-19.4 (%) | 18.16 % |
| Water by Karl Fischer | 0-5 (%) | 3.65 % |
| Carbon by Elemental Analysis | 43-45.5 (%) | 43.23 % |
| Purity(HPLC) | 98-100 (%) | 98.30600 % |
| 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