

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-07 09:24:16

Date of Next Testing: 2029-01-06 09:24:16

Product Name: **Cefotaxime sodium salt**

CAS Number: 64485-93-4

Specifications & Purity: Moligand™, ≥96%

Lot #: A2506510

SKU #: **C401200**

Version: **1**

Analysis #: **114488**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	97.79400 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous)	58-64 (°)	59.75900 °
Loss on drying	0-3 (%)	0.28694 %
Appearance(C401200)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in H ₂ O, Colorless to yellow clear(50mg/mL)	Pass	Pass



John Su
QA & QC Manager