

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 10:51:35
 Date of Next Testing: 2029-11-12 10:51:35
 Product Name: **Cefotaxime sodium salt**
 CAS Number: 64485-93-4
 Specifications & Purity: Moligand™, ≥96%
 Lot #: K2507358
 SKU #: **C401200**
 Version: **1**
 Analysis #: **593314**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	98.68200 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous)	58-64 (°)	58.64300 °
Loss on drying	0-3 (%)	0.55580 %
Appearance(C401200)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Solubility in H ₂ O, Colorless to yellow clear(50mg/mL)	Pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager