

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-06-15 09:28:07

Date of Next Testing: 2030-06-14 09:28:07

Product Name: **Cefotaxime sodium salt**

CAS Number: 64485-93-4

Specifications & Purity: Moligand™, ≥96%

Lot #: F2611166

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] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)<br>(anhydrous) | 58-64 (°)                                          | 58.64300 °                                         |
| Loss on drying                                                                 | 0-3 (%)                                            | 0.55580 %                                          |
| Appearance(C401200)                                                            | White to Light Yellow Powder or Solid<br>or chunks | White to Light Yellow Powder or Solid<br>or chunks |
| Solubility in H <sub>2</sub> O, Colorless to yellow<br>clear(50mg/mL)          | Pass                                               | Pass                                               |
| Proton NMR spectrum                                                            | Conforms to structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager