

Certificate of Analysis

Date of Testing: 2024-09-13 09:22:49

Date of Next Testing: 2028-09-12 09:22:49

Product Name: **Cefotaxime sodium salt**

CAS Number: 64485-93-4

Specifications & Purity: $\geq 96\%$

Lot #: I2406042

SKU #: **C401200**

Version: **1**

Analysis #: **114488**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	97.79400 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$ (anhydrous)	58-64 (°)	59.76 °
Loss on drying	0-3 (%)	0.29 %
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