

## Certificate of Analysis

Date of Testing: 2024-05-16 11:00:25  
Date of Next Testing: 2027-05-16 11:00:25  
Product Name: **Cefotaxime acid**  
CAS Number: 63527-52-6  
Specifications & Purity:  $\geq 95\%$   
Lot #: E2410350  
SKU #: **C304232**  
Version: **3**  
Analysis #: **345830**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Carbon(C)	40.4-43 (%)	41.47%
Specific rotation $[\alpha]_{20}^D(c=0.5, 0.1\text{N NaOH})$	48-54 ( $^{\circ}$ )	50.20000 $^{\circ}$
Purity(HPLC)	95-100 (%)	95.67000%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager