

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-14 14:04:09

Date of Next Testing: 2029-04-13 14:04:09

Product Name: **Faropenem sodium**

CAS Number: 122547-49-3

Specifications & Purity:  $\geq 98\%$

Lot #: G2307846

SKU #: **F413182**

Version: **1**

Analysis #: **689456**

Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                   | Limit Values           | Result                |
|-------------------------------------------------------------|------------------------|-----------------------|
| Purity(HPLC area)                                           | 98-100 (%)             | 99.30800 %            |
| Specific rotation $[\alpha]_{20/D}((C=2.5\text{mol/L,HCl})$ | 145-150 ( $^{\circ}$ ) | 145.01000 $^{\circ}$  |
| Water by Karl Fischer                                       | 12.6-13.1 (%)          | 12.60800 %            |
| NMR Spectrum $^1\text{H}$                                   | Conforms to Structure  | Conforms to Structure |



John Su  
QA & QC Manager