

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-25 12:20:57

Date of Next Testing: 2026-07-24 12:20:57

Product Name: **7-Amino-3-cephem-4-carboxylic acid**

CAS Number: 36923-17-8

Specifications & Purity:  $\geq 98\%$

Lot #: G2315217

SKU #: **A184066**

Version: **1**

Analysis #: **243165**

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

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 98-100 (%)            | 99.32000 %            |
| LC-MS for identification | Conforms              | Conforms              |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager