

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-25 11:14:57

Date of Next Testing: 2026-05-24 11:14:57

Product Name: **7-Amino-3-chloromethyl-3-cephem-4-carboxylic Acid Diphenylmethyl Ester Hydrochloride**

CAS Number: 79349-53-4

Specifications & Purity:  $\geq 97\%$

Lot #: E2316137

SKU #: **A334288**

Version: **2**

**Analysis #:** **205282**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis   | 53.8-56.8 (%)         | 54.48300 %            |
| Nitrogen by Elemental Analysis | 6-6.3 (%)             | 6.11100 %             |
| NMR Spectrum 1H                | Conforms to Structure | Conforms to Structure |
| LC-MS for identification       | Conforms              | Conforms              |



John Su  
QA & QC Manager