

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-25 11:14:08

Date of Next Testing: 2026-05-24 11:14:08

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

CAS Number: 79349-53-4

Specifications & Purity: $\geq 97\%$

Lot #: E2316136

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