

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-30 15:56:06

Date of Next Testing: 2025-03-29 15:56:06

Product Name: **7-Chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic Acid**

CAS Number: 86393-33-1

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: C23281091

SKU #: **C134459**

Version: 0

Analysis #: **206237**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.61000 %
Purity(Neutralization titration)	98-102 (%)	98.14000 %
Appearance (C134459)	white to beige powder or crystals	white to beige powder or crystals
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager