

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-19 16:42:58

Date of Next Testing: 2026-10-18 16:42:58

Product Name: **Ethyl 1-Cyclopropyl-6,7-difluoro-1,4-dihydro-8- methoxy-4-oxo-3-quinolinecarboxylate**

CAS Number: 112811-71-9

Specifications & Purity: >98.0%

Lot #: J2213448

SKU # **E156380**

Analysis: **119751**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.88700 %
Melting point	183-187 (°C)	185.10000 °C
Appearance (E156380)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager