

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-04 18:42:34

Date of Next Testing: 2026-05-03 18:42:34

Product Name: **Ethyl 4-chloroquinoline-3-carboxylate**

CAS Number: 13720-94-0

Specifications & Purity: 98%

Lot #: D2326838

SKU #: **E181347**

Analysis: **218319**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.83 %
Melting point	44-48 (°C)	47.81000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager