

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-04 18:47:06

Date of Next Testing: 2026-05-03 18:47:06

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

CAS Number: 13720-94-0

Specifications & Purity: 98%

Lot #: D2326849

SKU #: **E181347**

**Analysis:** **218613**

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