

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

|                          |                                                                 |
|--------------------------|-----------------------------------------------------------------|
| Date of Testing:         | 2023-05-30 10:09:36                                             |
| Date of Next Testing:    | 2026-05-29 10:09:36                                             |
| Product Name:            | <b>4-Chloro-6-ethoxyquinoline-3-carboxylic acid ethyl ester</b> |
| CAS Number:              | 112190-03-1                                                     |
| Specifications & Purity: | ≥97%                                                            |
| Lot #:                   | E23181097                                                       |
| SKU #                    | <b>C478594</b>                                                  |
| Version                  | <b>1</b>                                                        |
| <b>Analysis #:</b>       | <b>208689</b>                                                   |
| Storage Temperature:     | Room temperature                                                |

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 97-100 (%)            | 99.93100 %            |
| NMR Spectrum 1H          | Conforms to structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |



John Su  
QA & QC Manager