

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Date of Testing:         | 2025-10-10 14:38:09                                              |
| Date of Next Testing:    | 2028-10-09 14:38:09                                              |
| Product Name:            | <b>4-Chloro-8-methyl-quinoline-3-carboxylic acid ethyl ester</b> |
| CAS Number:              | 37041-32-0                                                       |
| Specifications & Purity: | ≥95%                                                             |
| Lot #:                   | L2214112                                                         |
| SKU #                    | <b>C169966</b>                                                   |
| Version                  | <b>0</b>                                                         |
| Analysis #:              | <b>579572</b>                                                    |
| Storage Temperature:     | Room temperature                                                 |

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(HPLC)        | 95-100 (%)            | 99.47800 %            |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager