

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| Date of Testing:         | 2023-06-11 22:23:05                                                                          |
| Date of Next Testing:    | 2027-06-10 22:23:05                                                                          |
| Product Name:            | <b>7-Chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic Acid</b> |
| CAS Number:              | 100361-18-0                                                                                  |
| Specifications & Purity: | ≥98%(HPLC)(T)                                                                                |
| Lot #:                   | F2309112                                                                                     |
| SKU #                    | <b>C153653</b>                                                                               |
| Version                  | 0                                                                                            |
| <b>Analysis #:</b>       | <b>239319</b>                                                                                |
| Storage Temperature:     | Room temperature                                                                             |

| Parameter                        | Limit Values                 | Result                       |
|----------------------------------|------------------------------|------------------------------|
| Purity(Neutralization titration) | 97.5-102.5 (%)               | 101.06000 %                  |
| Melting point                    | 222-226 (°C)                 | 224.88000 °C                 |
| Purity(HPLC)                     | 98-100 (%)                   | 99.92000 %                   |
| Appearance (C153653)             | white to light yellow powder | white to light yellow powder |
| Proton NMR spectrum              | Conforms to Structure        | Conforms to Structure        |



John Su  
QA & QC Manager