

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-06 14:19:54

Date of Next Testing: 2029-01-05 14:19:54

Product Name: **Ethyl 4-chloro-8-fluoroquinoline-3-carboxylate**

CAS Number: 56824-90-9

Specifications & Purity:  $\geq 95\%$

Lot #: C2304832

SKU # **E358679**

Version **1**

Analysis #: **634575**

| Parameter           | Limit Values                                       | Result                                             |
|---------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(HPLC)        | 95-100 (%)                                         | 99.71200 %                                         |
| Appearance(E358679) | white to off-white to light yellow powder or solid | white to off-white to light yellow powder or solid |
| Proton NMR spectrum | Conforms to Structure                              | Conforms to Structure                              |
| FNMR spectrum       | Conforms to structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager