

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-14 16:25:34  
Date of Next Testing: 2026-08-13 16:25:34  
Product Name: **Ethyl 4-amino-6-chloro-5-fluoronicotinate**  
CAS Number: 2454397-74-9  
Specifications & Purity: 97%  
Lot #: H2309389  
SKU #: **E588378**  
**Analysis: 256016**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter             | Limit Values          | Result                |
|-----------------------|-----------------------|-----------------------|
| Purity(HPLC area)     | 97-100 (%)            | 99.66%                |
| Fluorine NMR Spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager