

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-17 15:16:11  
 Date of Next Testing: 2029-07-16 15:16:11  
 Product Name: **4-Chloro-2-fluoronicotinaldehyde**  
 CAS Number: 1232432-20-0  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: G2609349  
 SKU #: **C190224**  
 Version: **1**  
 Analysis #: **652949**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                | Limit Values                   | Result                         |
|--------------------------|--------------------------------|--------------------------------|
| Purity(HPLC area)        | 95-100 (%)                     | 99.50000 %                     |
| NMR Spectrum 1H          | Conforms to Structure          | Conforms to Structure          |
| Appearance(C190224)      | Light yellow to yellow (Solid) | Light yellow to yellow (Solid) |
| LC-MS for identification | Conforms                       | Conforms                       |



John Su  
QA & QC Manager