

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-20 08:48:31  
 Date of Next Testing: 2024-08-09 08:48:31  
 Product Name: **3-Chloro-2-fluorobenzaldehyde**  
 CAS Number: 85070-48-0  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: A1330038  
 SKU #: **C120607**  
 Version: **0**  
 Analysis #: **125303**  
 Storage Temperature: Store at 2-8°C

| Parameter                           | Limit Values                                 | Result                                       |
|-------------------------------------|----------------------------------------------|----------------------------------------------|
| Refractive index n <sub>20</sub> /D | 1.543-1.547                                  | 1.54590                                      |
| Purity(GC)                          | 97-100 (%)                                   | 99.44600 %                                   |
| Density (20°C)                      | 1.358-1.362                                  | 1.35900                                      |
| Appearance (C120607)                | Colorless or White to Yellow Solid or Liquid | Colorless or White to Yellow Solid or Liquid |
| Infrared spectrum                   | Conforms to Structure                        | Conforms to Structure                        |
| Proton NMR spectrum                 | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager