

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-30 13:30:35  
 Date of Next Testing: 2026-08-29 13:30:35  
 Product Name: **3-Chloro-4-fluorobenzylamine**  
 CAS Number: 72235-56-4  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: H2213147  
 SKU #: **C113579**  
 Version: **0**  
 Analysis #: **113668**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                           | Limit Values                           | Result                                 |
|-------------------------------------|----------------------------------------|----------------------------------------|
| Purity(HPLC)                        | 97-100 (%)                             | 99.27100 %                             |
| Refractive index n <sub>20</sub> /D | 1.536-1.54                             | 1.53750                                |
| Purity(Neutralization titration)    | 96.5-103.5 (%)                         | 101.09200 %                            |
| Density (20°C)                      | 1.271-1.277                            | 1.27400                                |
| Appearance (C113579)                | Colorless to Light Yellow clear liquid | Colorless to Light yellow clear liquid |
| Infrared spectrum                   | Conforms to Structure                  | Conforms to Structure                  |



John Su  
QA & QC Manager