

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-13 11:22:06  
 Date of Next Testing: 2026-06-13 11:22:06  
 Product Name: **2'-Chloro-4'-fluoroacetophenone**  
 CAS Number: 700-35-6  
 Specifications & Purity:  $\geq 97\%$ (GC)  
 Lot #: H2220096  
 SKU #: **C133992**  
 Version: **0**  
 Analysis #: **367489**  
 Storage Temperature: Room temperature

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20/D</sub> | 1.523-1.527                      | 1.52400                          |
| Density (20°C)                     | 1.298-1.302                      | 1.29890                          |
| Purity(GC)                         | 97-100 (%)                       | 98.75000 %                       |
| Appearance (C133992)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Fluorine NMR Spectrum              | Conforms to Structure            | Conforms to Structure            |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager