

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-12 15:33:54

Date of Next Testing: 2026-12-12 15:33:54

Product Name: **3-Chloro-2-fluorobenzenesulfonyl Chloride**

CAS Number: 351003-48-0

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: B2321764

SKU #: **C136572**

Version: **0**

Analysis #: **448408**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                                     | Result                                           |
|-------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity (Argentmetric Titration)     | 98-100 (%)                                       | 99.65 %                                          |
| Density (20°C)                      | 1.595-1.599                                      | 1.60                                             |
| Purity(GC)                          | 98-100 (%)                                       | 98.07 %                                          |
| Refractive index n <sub>20</sub> /D | 1.554-1.558                                      | 1.55                                             |
| Appearance (C136572)                | Colorless to Light orange to Yellow clear liquid | Colorless to Light orange to Yellow clear liquid |
| Infrared spectrum                   | Conforms to Structure                            | Conforms to Structure                            |



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QA & QC Manager