

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-24 09:01:31  
 Date of Next Testing: 2029-11-23 09:01:31  
 Product Name: **Trifluoromethanesulfonamide**  
 CAS Number: 421-85-2  
 Specifications & Purity:  $\geq 98\%$ (T)  
 Lot #: K2511020  
 SKU #: **T161647**  
 Version: **0**  
 Analysis #: **553389**  
 Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                        | Limit Values                                  | Result                                        |
|----------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(Neutralization titration) | 97.5-102.5 (%)                                | 100.01000 %                                   |
| Melting point                    | 118-124 (°C)                                  | 123.92000 °C                                  |
| Appearance (T161647)             | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Fluorine NMR Spectrum            | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager