

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-26 16:10:28  
Date of Next Testing: 2028-09-25 16:10:28  
Product Name: **Zinc trifluoromethanesulfonate**  
CAS Number: 54010-75-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: 12419593  
SKU #: **Z100682**  
Version: **4**  
Analysis #: **405787**  
Storage Temperature: Argon charged

| Parameter                                              | Limit Values             | Result                   |
|--------------------------------------------------------|--------------------------|--------------------------|
| Purity(Chelometric Titration)                          | 97.5-102.5 (%)           | 98.75 %                  |
| Water by Karl Fischer                                  | 0-2 (%)                  | 1.25 %                   |
| Appearance (Z100682)                                   | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum                                      | Conforms to Structure    | Conforms to Structure    |
| Solubility in H <sub>2</sub> O,Colorless,Clear,1g/10ml | Pass                     | Pass                     |
| ICP: Confirms Zn Component                             | Confirmed                | Confirmed                |



John Su  
QA & QC Manager