

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-09 13:56:05

Date of Next Testing: 2027-04-09 13:56:05

Product Name: **Trifluoromethanesulfonic anhydride**

CAS Number: 358-23-6

Specifications & Purity:  $\geq 98\%$

Lot #: C2528549

SKU #: **T106649**

Version: **1**

Analysis #: **486004**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                 | Limit Values          | Result                |
|-------------------------------------------|-----------------------|-----------------------|
| Trifluoromethanesulfonic Acid(Proton NMR) | 0-1 (%)               | 0.98000 %             |
| Refractive index n <sub>20</sub> /D       | 1.321-1.323           | 1.32110               |
| Purity(Neutralization titration)          | 98-102 (%)            | 99.50000 %            |
| Appearance (T106649)                      | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager