

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-26 16:43:24

Date of Next Testing: 2027-08-26 16:43:24

Product Name: **Trifluoromethanesulfonic anhydride**

CAS Number: 358-23-6

Specifications & Purity:  $\geq 99\%$

Lot #: H2525143

SKU #: **T398957**

Version: **1**

Analysis #: **564715**

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

| Parameter                            | Limit Values                          | Result                                |
|--------------------------------------|---------------------------------------|---------------------------------------|
| GC-MS(Trifluoromethanesulfonic Acid) | $\leq 1.0$ (%)                        | 0.52000 %                             |
| Assay(Titration by NaOH)             | 99.0-101.0 (%)                        | 99.50000 %                            |
| Appearance(T398957)                  | Clear colorless to pale yellow liquid | Clear colorless to pale yellow liquid |
| Infrared spectrum                    | Conforms to Structure                 | Conforms to Structure                 |
| FNMR spectrum                        | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager