

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-12 09:25:26  
Date of Next Testing: 2027-06-12 09:25:26  
Product Name: **Trifluoromethanesulfonic anhydride**  
CAS Number: 358-23-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2506658  
SKU #: **T106649**  
Version: **1**  
Analysis #: **515760**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Trifluoromethanesulfonic Acid(Proton NMR)	0-1 (%)	0.95 %
Refractive index n <sub>20</sub> /D	1.321-1.323	1.32
Purity(Neutralization titration)	98-102 (%)	99.30 %
Appearance (T106649)	Clear colorless to pale yellow Liquid	Clear colorless to pale yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager