

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-13 18:06:37
Date of Next Testing: 2027-08-13 18:06:37
Product Name: **Trifluoromethanesulfonic anhydride**
CAS Number: 358-23-6
Specifications & Purity: $\geq 98\%$
Lot #: H2504703
SKU #: **T106649**
Version: **1**
Analysis #: **547756**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Trifluoromethanesulfonic Acid(Proton NMR)	0-1 (%)	0.52 %
Refractive index n ₂₀ /D	1.321-1.323	1.32
Purity(Neutralization titration)	98-102 (%)	99.50 %
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