

Certificate of Analysis

Date of Testing: 2025-06-12 10:18:57

Date of Next Testing: 2027-06-12 10:18:57

Product Name: **Trifluoromethanesulfonic anhydride**

CAS Number: 358-23-6

Specifications & Purity: $\geq 98\%$

Lot #: F2506690

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 ₂₀ /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