

Certificate of Analysis

Date of Testing: 2023-08-16 10:58:26
Date of Next Testing: 2025-08-05 10:58:26
Product Name: **Trimethylsilyl trifluoromethanesulfonate**
CAS Number: 27607-77-8
Specifications & Purity: 98%
Lot #: J2126578
SKU #: **T106616**
Analysis: **264617**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.229-1.236	1.23
Refractive index n ₂₀ /D	1.359-1.361	1.36
Purity(Neutralization titration)	97.5-102.5 (%)	101.97 %
Appearance (T106616)	Colorless to Light yellow to Light orange clear liquid	Colorless to Light yellow to Light orange clear liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager