

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-04 09:04:48
Date of Next Testing: 2025-11-23 09:04:48
Product Name: **Trimethylsilyl trifluoromethanesulfonate**
CAS Number: 27607-77-8
Specifications & Purity: 98%
Lot #: K2327458
SKU #: **T106616**
Analysis: **296068**
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 (%) | 101.24 % |
| Appearance (T106616) | Colorless to Light yellow to Light orange clear liquid | Colorless to Light yellow to Light orange clear liquid |
| Fluorine NMR Spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager