

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-17 15:12:40

Date of Next Testing: 2026-09-08 15:12:40

Product Name: **Trifluoromethanesulfonic acid (TFMSA)**

CAS Number: 1493-13-6

Specifications & Purity:  $\geq 98\%$

Lot #: C2511592

SKU #: **T104298**

Version: **0**

Analysis #: **476785**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity (Titration by NaOH)          | 98-102 (%)                 | 101.23000 %                |
| Refractive index n <sub>20</sub> /D | 1.326-1.331                | 1.32650                    |
| Appearance (T104298)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager