

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-10-20 13:58:36

Date of Next Testing: 2029-10-19 13:58:36

Product Name: **2,2,2-Trifluoroethyl trifluoromethanesulfonate**

CAS Number: 6226-25-1

Specifications & Purity:  $\geq 95\%$

Lot #: J2516046

SKU # **T120071**

Version **0**

**Analysis #:** **487858**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.304-1.307                | 1.30580                    |
| Density (20°C)                      | 1.608-1.619                | 1.61300                    |
| Purity(GC)                          | 95-100 (%)                 | 97.91000 %                 |
| Appearance (T120071)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Fluorine NMR Spectrum               | Conforms to Structure      | Conforms to Structure      |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager