

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-15 18:55:53

Date of Next Testing: 2026-12-14 18:55:53

Product Name: **2,2,2-Trifluoroethanol**

CAS Number: 75-89-8

Specifications & Purity: NMR grade, ≥99.8%

Lot #: L2209029

SKU #: **T109512**

**Analysis:** **152580**

Storage Temperature: Room temperature, Argon charged

| Parameter            | Limit Values          | Result                |
|----------------------|-----------------------|-----------------------|
| Purity(GC)           | 99.8-100 (%)          | 99.95 %               |
| Appearance (T109512) | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum  | Conforms to Structure | Conforms to Structure |
| Infrared spectrum    | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager