

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-12 08:57:02

Date of Next Testing: 2028-05-01 08:57:02

Product Name: **Trifluoroacetic acid-d**

CAS Number: 599-00-8

Specifications & Purity:  $\geq 99.5$  atom% D, contains 0.03%(v/v) TMS,for NMR

Lot #: D2628090

SKU #: **T109782**

Version: **2**

Analysis #: **508029**

Storage Temperature: Room temperature,Argon charged

| Parameter             | Limit Values     | Result           |
|-----------------------|------------------|------------------|
| Proton NMR (Atom % D) | 99.5-100 (atom%) | 99.50000 atom%   |
| Water by Karl Fischer | 0-0.05 (%)       | 0.02000 %        |
| Mass Balance(V/V TMS) | 0.02-0.04 (%)    | 0.03000 %        |
| Appearance (T109782)  | Colorless Liquid | Colorless liquid |



John Su  
QA & QC Manager