

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-20 17:30:43

Date of Next Testing: 2029-10-19 17:30:43

Product Name: **Trifluoroacetic acid**

CAS Number: 76-05-1

Specifications & Purity: for protein sequencing, ≥99%

Lot #: J2509118

SKU #: **T103293**

Version: **0**

Analysis #: **593947**

Storage Temperature: Room temperature, Desiccated

| Parameter                            | Limit Values          | Result                |
|--------------------------------------|-----------------------|-----------------------|
| Color scale                          | 0-10 (APHA)           | 5.00000 APHA          |
| Purity(GC)                           | 99-100 (%)            | 99.73700 %            |
| Purity (Titration by NaOH)           | 98.5-101.5 (%)        | 100.81000 %           |
| Evaporation Residue                  | 0-0.005 (%)           | 0.00340 %             |
| Water by Karl Fischer                | 0-0.05 (%)            | 0.00140 %             |
| Appearance (T103293)                 | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                    | Conforms to Structure | Conforms to Structure |
| Test for use as a Protein Sequencing | Pass                  | Pass                  |



John Su  
QA & QC Manager