

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-20 13:32:18
Date of Next Testing: 2026-09-19 13:32:18
Product Name: **Trifluoroacetic acid(TFA)**
CAS Number: 76-05-1
Specifications & Purity: for HPLC
Lot #: I2212424
SKU #: **T491258**
Version: **2**
Analysis #: **136055**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-----------------------------------|-----------------------|-----------------------|
| Assay | 99.5-100 (%) | 99.93000 % |
| Water by Karl Fischer | 0-0.1 (%) | 0.01 % |
| UV Absorbance 210nm(0.1%,H2O) | 0-1 | 0.50100 |
| UV Absorbance 230nm(0.1 % in H2O) | 0-0.15 | 0.08 |
| UV Absorbance 250nm(0.1%,H2O) | 0-0.01 | 0.01000 |
| UV Absorbance 300nm(0.1%,H2O) | 0-0.005 | 0.00500 |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Appearance(T491258) | Colorless Liquid | Colorless liquid |



John Su
QA & QC Manager