

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-16 11:13:34
Date of Next Testing: 2023-02-16 11:13:34
Product Name: **Trifluoroacetic acid (TFA)**
CAS Number: 76-05-1
Specifications & Purity: Analytical Reagent,99.0%
Lot #: B2210493
SKU #: **T103291**
Analysis: **067482**
Storage Temperature: Argon charged,Desiccated

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Purity (Titration by NaOH) | 98.5-101.5 (%) | 99.67% |
| Density (20°C) | 1.491-1.495 | 1.49 |
| Water by Karl Fischer | 0-0.1 (%) | 0.06% |
| Refractive index n ₂₀ /D | 1.283-1.3 | 1.29 |
| Appearance (T103291) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager