

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-12 10:30:35
 Date of Next Testing: 2026-09-12 10:30:35
 Product Name: **Trifluoroacetic acid (TFA)**
 CAS Number: 76-05-1
 Specifications & Purity: HPLC grade, ≥99.5%
 Lot #: I2504867
 SKU #: **T103294**
 Version: **3**
 Analysis #: **563184**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Evaporation Residue	0-0.005 (%)	0.00000 %
UV Absorbance 280nm	0-0.05	0.02000
UV Absorbance 320nm	0-0.025	0.01100
UV Absorbance 300nm	0-0.03	0.01400
Water by Karl Fischer	0-0.05 (%)	0.04210 %
Absorbance (at 270 nm)	0-0.1	0.07300
Absorbance (at 290 nm)	0-0.04	0.01600
Purity (Titration by NaOH)	99.5-100 (%)	99.73000 %
Purity(GC)	99.5-100 (%)	99.67000 %
UV Absorbance 260nm	0-0.9	0.87600
Appearance (T103294)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager