

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-27 11:46:00
 Date of Next Testing: 2025-12-27 11:46:00
 Product Name: **Trifluoroacetic acid (TFA)**
 CAS Number: 76-05-1
 Specifications & Purity: HPLC grade, ≥99.5%
 Lot #: L2425432
 SKU #: **T103294**
 Version: **3**
 Analysis #: **446110**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Evaporation Residue	0-0.005 (%)	0.00000 %
UV Absorbance 280nm	0-0.05	0.01800
UV Absorbance 320nm	0-0.025	0.00700
Purity(GC)	99.5-100 (%)	99.82500 %
UV Absorbance 300nm	0-0.03	0.01000
Absorbance (at 270 nm)	0-0.1	0.06300
UV Absorbance 260nm	0-0.9	0.77900
Absorbance (at 290 nm)	0-0.04	0.01300
Water by Karl Fischer	0-0.05 (%)	0.03940 %
Purity (Titration by NaOH)	99.5-100 (%)	99.75000 %
Appearance (T103294)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager