

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-03 10:08:17
 Date of Next Testing: 2027-09-03 10:08:17
 Product Name: **Trifluoroacetic acid (TFA)**
 CAS Number: 76-05-1
 Specifications & Purity: AR, ≥99%
 Lot #: H2527179
 SKU #: **T103291**
 Version: **5**
 Analysis #: **549636**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.52000 %
Density (20°C)	1.491-1.495	1.49280
Water by Karl Fischer	0-0.1 (%)	0.06190 %
pH	1-3	2.00000
Refractive index n ₂₀ /D	1.283-1.3	1.28350
Appearance (T103291)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager