

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 14:11:29

Date of Next Testing: 2027-11-11 14:11:29

Product Name: **Trifluoroacetic acid (TFA)**

CAS Number: 76-05-1

Specifications & Purity: AR, ≥99%

Lot #: K2505168

SKU #: **T103291**

Version: **5**

Analysis #: **594891**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.63000 %
Density (20°C)	1.491-1.495	1.49450
Water by Karl Fischer	0-0.1 (%)	0.08600 %
pH	1-3	1.00000
Refractive index n ₂₀ /D	1.283-1.3	1.28300
Appearance (T103291)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager