

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-17 09:17:29
 Date of Next Testing: 2027-12-17 09:17:29
 Product Name: **Trifluoroacetic acid (TFA)**
 CAS Number: 76-05-1
 Specifications & Purity: AR, ≥99%
 Lot #: L2515265
 SKU #: **T103291**
 Version: 5
 Analysis #: **615936**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.51000 %
Density (20°C)	1.491-1.495	1.49280
Water by Karl Fischer	0-0.1 (%)	0.02720 %
Refractive index n _{20/D}	1.283-1.3	1.28300
pH	1-3	1.00000
Appearance (T103291)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager