

Certificate of Analysis

Date of Testing: 2025-01-14 14:22:30

Date of Next Testing: 2027-01-14 14:22:30

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

CAS Number: 76-05-1

Specifications & Purity: AR, ≥99%

Lot #: A2510457

SKU #: **T103291**

Version: 5

Analysis #: **456715**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	100.05 %
Density (20°C)	1.491-1.495	1.49
Water by Karl Fischer	0-0.1 (%)	0.05 %
PH	1-3	1.00
Refractive index n ₂₀ /D	1.283-1.3	1.28
Appearance (T103291)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager