

Certificate of Analysis

Date of Testing: 2023-11-30 14:46:47
Date of Next Testing: 2025-11-29 14:46:47
Product Name: **Trifluoroacetic acid (TFA)**
CAS Number: 76-05-1
Specifications & Purity: Analytical Reagent,99.0%
Lot #: K2323219
SKU #: **T103291**
Version: **4**
Analysis #: **251666**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	100.32 %
Density (20°C)	1.491-1.495	1.49
Water by Karl Fischer	0-0.1 (%)	0.06 %
Refractive index n ₂₀ /D	1.283-1.3	1.28
PH	1-3	1.00
Appearance (T103291)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager