

## Certificate of Analysis

Date of Testing: 2024-06-01 15:10:55  
Date of Next Testing: 2027-06-01 15:10:55  
Product Name: **Trifluoroacetic acid**  
CAS Number: 76-05-1  
Specifications & Purity: anhydrous, , ≥99.0%  
Lot #: E2427388  
SKU #: **T433655**  
Version: **1**  
Analysis #: **363524**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.79%
UV Absorbance 320nm	0-0.025	0.00
UV Absorbance 300nm	0-0.03	0.00
UV Absorbance 290nm	0-0.04	0.00
UV Absorbance 280nm	0-0.05	0.00
UV Absorbance 270nm	0-0.1	0.03
UV Absorbance 260nm	0-0.9	0.77
Color test (APHA)	0-30	12.00
Residue on Evaporation	0-0.005 (%)	0.00%
Water by Karl Fischer	0-0.05 (%)	0.00%
Purity (Titration by NaOH)	99-101 (%)	99.57%
Appearance(T433655)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager