

## Certificate of Analysis

Date of Testing: 2024-09-12 11:03:30  
Date of Next Testing: 2028-09-11 11:03:30  
Product Name: **Trifluoroacetic acid**  
CAS Number: 76-05-1  
Specifications & Purity:  $\geq 99\%$ , for protein sequencing  
Lot #: I2402440  
SKU #: **T103293**  
Version: **0**  
Analysis #: **129218**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Color scale	0-10 (APHA)	5.00 APHA
Purity (Titration by NaOH)	98.5-101.5 (%)	100.81 %
Evaporation Residue	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-0.05 (%)	0.00 %
Purity(GC)	99-100 (%)	99.74 %
Appearance (T103293)	Colorless Liquid	Colorless liquid
Test for use as a Protein Sequencing	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager