

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-08 16:16:09  
Date of Next Testing: 2027-12-07 16:16:09  
Product Name: **Trifluoroacetic acid(TFA)**  
CAS Number: 76-05-1  
Specifications & Purity: for HPLC  
Lot #: K2328122  
SKU #: **T491258**  
Version: **2**  
Analysis #: **136055**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay	99.5-100 (%)	99.93000 %
Water by Karl Fischer	0-0.1 (%)	0.01 %
UV Absorbance 210nm(0.1%,H2O)	0-1	0.50100
UV Absorbance 230nm(0.1 % in H2O)	0-0.15	0.08
UV Absorbance 250nm(0.1%,H2O)	0-0.01	0.01000
UV Absorbance 300nm(0.1%,H2O)	0-0.005	0.00500
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(T491258)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager