

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-14 17:22:08  
Date of Next Testing: 2025-02-03 17:22:08  
Product Name: **Trifluoroacetic acid-d**  
CAS Number: 599-00-8  
Specifications & Purity: 99.5 atom % D+0.03%TMS,for NMR  
Lot #: B2309883  
SKU #: **T109782**  
**Analysis:** **151728**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.01 %
Proton NMR (Atom % D)	99.5-100 (atom%)	99.83 atom%
Mass Balance(V/V TMS)	0.02-0.04 (%)	0.02 %
Appearance (T109782)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager