

Certificate of Analysis

Date of Testing: 2024-10-18 11:27:48

Date of Next Testing: 2026-10-08 11:27:48

Product Name: **Trifluoroacetic acid-d**

CAS Number: 599-00-8

Specifications & Purity: ≥ 99.5 atom% D, contains 0.03%(v/v) TMS,for NMR

Lot #: J2409514

SKU #: **T109782**

Version: **2**

Analysis #: **408258**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Mass Balance(V/V TMS)	0.02-0.04 (%)	0.03 %
Proton NMR (Atom % D)	99.5-100 (atom%)	99.60 atom%
Water by Karl Fischer	0-0.05 (%)	0.05 %
Appearance (T109782)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager