

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 17:07:15
 Date of Next Testing: 2028-03-09 17:07:15
 Product Name: **N-tert-Butyldimethylsilyl-N-methyltrifluoroacetamide(MTBSTFA)**
 CAS Number: 77377-52-7
 Specifications & Purity: for GC derivatization, ≥97%, with 1% TBDMSCI
 Lot #: C2617606
 SKU #: **N121507**
 Version: **2**
 Analysis #: **679123**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.4-1.405	1.40270
Purity(GC)	97-100 (%)	97.20400 %
Appearance (N121507)	Colorless Liquid	Colorless liquid
GC-MS for identification	Conforms	Conforms
Stabilizer(1% TBDMSCI)	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager