

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 10:26:20

Date of Next Testing: 2028-03-09 10:26:20

Product Name: **N-tert-Butyldimethylsilyl-N-methyltrifluoroacetamide(MTBSTFA)**

CAS Number: 77377-52-7

Specifications & Purity: for GC derivatization, $\geq 97\%$, with 1% TBDMSCI

Lot #: C2617605

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