

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-20 10:30:18  
Date of Next Testing: 2028-03-09 10:30:18  
Product Name: **N-tert-Butyldimethylsilyl-N-methyltrifluoroacetamide(MTBSTFA)**  
CAS Number: 77377-52-7  
Specifications & Purity: for GC derivatization,  $\geq 97\%$ , with 1% TBDMSCI  
Lot #: C2617607  
SKU #: **N121507**  
Version: **2**  
Analysis #: **679123**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20/D</sub>	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