

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-30 09:22:58

Date of Next Testing: 2027-10-20 09:22:58

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

CAS Number: 77377-52-7

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

Lot #: J2528190

SKU #: **N121507**

Version: **2**

Analysis #: **561993**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.03-1.039	1.03520
Refractive index n _{20/D}	1.4-1.405	1.40270
Purity(GC)	97-100 (%)	97.30100 %
Appearance (N121507)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager