

## Certificate of Analysis

Date of Testing: 2024-01-19 14:58:06  
Date of Next Testing: 2026-01-08 14:58:06  
Product Name: **N-tert-Butyldimethylsilyl-N-methyltrifluoroacetamide**  
CAS Number: 77377-52-7  
Specifications & Purity: 97%,for GC derivatization;with 1% TBDMSCI  
Lot #: A2408593  
SKU #: **N121507**  
Version: **1**  
Analysis #: **316233**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	1.03-1.039	1.03
Refractive index n <sub>20</sub> /D	1.4-1.405	1.40
Purity(GC)	97-100 (%)	97.55 %
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