

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-25 15:30:45

Date of Next Testing: 2027-11-15 15:30:45

Product Name: **N-Methyl-N-(trimethylsilyl)trifluoroacetamide (MSTFA)**

CAS Number: 24589-78-4

Specifications & Purity: for GC derivatization,  $\geq 98.5\%$ (GC)

Lot #: K2518216

SKU # **M106662**

Version **1**

**Analysis #:** **476304**

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

| Parameter                           | Limit Values                                 | Result                                       |
|-------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(GC)                          | 98.5-100 (%)                                 | 99.50000 %                                   |
| Refractive index n <sub>20</sub> /D | 1.379-1.381                                  | 1.38000                                      |
| Appearance (M106662)                | Colorless to Light yellow transparent Liquid | colorless to light yellow transparent liquid |
| Proton NMR spectrum                 | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager