

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-26 11:31:34  
Date of Next Testing: 2030-05-25 11:31:34  
Product Name: **Methyl 4,4,4-Trifluoroacetoacetate**  
CAS Number: 83643-84-9  
Specifications & Purity:  $\geq 96\%$ (GC)  
Lot #: E2622534  
SKU #: **M158836**  
Version: **0**  
Analysis #: **700415**  
Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	98.62300 %
Refractive index n <sub>20</sub> /D	1.369-1.374	1.37160
Appearance (M158836)	White or colorless to light yellow solid or liquid	White or colorless to light yellow solid or liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager