

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-13 17:03:51  
Date of Next Testing: 2029-12-12 17:03:51  
Product Name: **Trifluoroacetylacetone**  
CAS Number: 367-57-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2510052  
SKU #: **T105006**  
Version: **0**  
Analysis #: **184192**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                                  | Result  |
|-------------------------------------|---|---|
| Refractive index n <sub>20</sub> /D | 1.385-1.39                                    | 1.38900                                       |
| Density (20°C)                      | 1.278-1.28                                    | 1.27900                                       |
| Purity(GC)                          | 98-100 (%)                                    | 99.93200%                                     |
| Appearance (T105006)                | Colorless to Yellow to Orange to Brown Liquid | Colorless to Yellow to Orange to Brown Liquid |
| Infrared spectrum                   | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager