

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-28 16:08:45  
 Date of Next Testing: 2028-01-28 16:08:45  
 Product Name: **1-(Trifluoroacetyl)imidazole**  
 CAS Number: 1546-79-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2427074  
 SKU #: **T122809**  
 Version: **0**  
 Analysis #: **644232**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values               | Result                     |
|-----------------------------------------|----------------------------|----------------------------|
| Purity(GC)                              | 98-100 (%)                 | 98.52000 %                 |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)             | 99.19800 %                 |
| Appearance (T122809)                    | Colorless to Orange Liquid | Colorless to Orange Liquid |
| Infrared spectrum                       | Conforms to Structure      | Conforms to Structure      |
| Proton NMR spectrum                     | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager