

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-12 17:51:43

Date of Next Testing: 2026-08-11 17:51:43

Product Name: **Ethyl 3-Oxo-3-(2-thienyl)propionate**

CAS Number: 13669-10-8

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: H2206829

SKU #: **E156075**

Version: **1**

Analysis #: **081007**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.54-1.544            | 1.54270               |
| Purity(HPLC area)                   | 98-100 (%)            | 98.02400 %            |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager