

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-12 16:10:40

Date of Next Testing: 2026-08-11 16:10:40

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

CAS Number: 13669-10-8

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

Lot #: H2206465

SKU #: **E156075**

Version: **1**

Analysis #: **081007**

Storage Temperature: Room temperature

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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager