

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-16 13:25:38

Date of Next Testing: 2029-04-15 13:25:38

Product Name: **Ethyl trans-4-oxo-2-butenate**

CAS Number: 2960-66-9

Specifications & Purity: $\geq 96\%$

Lot #: I2017190

SKU # **E189100**

Version **0**

Analysis #: **693757**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.451-1.457	1.45230
Purity(GC)	96-100 (%)	96.10000 %
Appearance (E189100)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager