

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-10 13:47:16

Date of Next Testing: 2026-07-09 13:47:16

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

CAS Number: 2960-66-9

Specifications & Purity: 96%

Lot #: I2017192

SKU #: **E189100**

Analysis: **249380**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.451-1.457	1.45
Purity(GC)	96-100 (%)	96.20%
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