

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-22 09:40:21

Date of Next Testing: 2025-08-21 09:40:21

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

CAS Number: 2960-66-9

Specifications & Purity: $\geq 96\%$

Lot #: H2218227

SKU #: **E189100**

Version: **0**

Analysis #: **103558**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.451-1.457	1.45440
Purity(GC)	96-100 (%)	98.72300 %
Appearance (E189100)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager